

TM 11-5820-590-35-1

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

Direct Support, General Support, and Depot Maintenance Manual
Including Repair Parts and Special Tools Lists

RADIO SETS AN/PRC-74B AND AN/PRC-74C,
POWER SUPPLIES PP-4514/PRC-74 AND PP-4514A/PRC-74
AND BATTERY BOXES CY-6121/PRC-74, CY-6314/PRC-74
AND CY-6314A/PRC-74

This copy is a reprint which includes current pages from Change 1. The title is changed by G 1 to read as shown above.

HEADQUARTERS, DEPARTMENT OF THE ARMY
JULY 1968

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HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 9 July 1968

DS, GS and Depot Maintenance Manual
Including Repair Parts and Special Tool Lists
RADIO SET AN/PRC-74B

	Paragraph	Page
CHAPTER 1. FUNCTIONING OF RADIO SET		
Section I. System function	1-1, 1-2	1-1
II. General function	1-3-1-5	1-1
III. Functional analysis	1-6-1-9	1-4
IV. Frequency synthesizer module analysis	1-10-1-20	1-8
V. RF module analysis	1-21-1-28	1-12
VI. IF audio module analysis	1-29-1-38	1-14
VII. Power amplifier module analysis	1-39-1-45	1-18
VIII. Frequency generator module analysis	1-46-1-48	1-21
IX. Power supply module analysis	1-49-1-53	1-22
X. Gain control circuits analysis	1-54-1-55	1-23
XI. Power Supply PP-4514/PRC-74 analysis	1-56-1-58	1-24
CHAPTER 2. DIRECT SUPPORT MAINTENANCE		
Section I. Troubleshooting	2-1-2-10	2-1
II. Repairs	2-11-2-17	2-14
CHAPTER 3. GENERAL SUPPORT MAINTENANCE		
Section I. Troubleshooting	3-1-3-7	3-1
II. Repairs	3-8-3-20	3-29
III. Alignment	3-21-3-26	3-43
CHAPTER 4. GENERAL SUPPORT TESTING PROCEDURES	4-1-4-7	4-1
5. DEPOT OVERHAUL STANDARDS	5-1-5-5	5-1
6. SCHEMATIC AND BLOCK DIAGRAMS	6-1, 6-2	6-1
APPENDIX A. REFERENCES		A-1
B. DS, GS, AND DEPOT REPAIR PARTS		B-1
INDEX		I-1

CHAPTER 1

FUNCTIONING OF RADIO SET

Section I. SYSTEM FUNCTION

1-1. Scope

a. This manual contains instruction for direct support (DS), general support (GS), and depot maintenance of Radio Set AN/PRC-74B (radio set) and Radio Set AN/PRC-74C (radio set). Receiver-Transmitter Radio RT-794B/PRC-74 (rt unit) and Receiver-Transmitter Radio RT-794C/PRC-74 (rt unit) contain all electronic circuits of the respective radio sets. Unless otherwise specified, references in this manual to AN/PRC-74B and RT-794B/PRC-74 apply to AN/PRC-74C and RT-794C/PRC-74 respectively. With the aid of this manual, direct support, general support, and depot maintenance personnel can troubleshoot, test, align, and repair the AN/PRC-74B. A list of tools, materials, and test equipment for direct support, general support, and depot maintenance is included.

b. The parts location illustrations in this manual have abbreviated reference designations, except for intermodule connections and adjustable parts. To obtain the complete designation, add the numbers in the chart below to the numbers on the illustrations. For example, Q4 in figure 2-6 becomes Q204. Reference designations for Power Supply PP-4514/PRC-74 are complete as shown in the figures. Unless otherwise specified, references in this manual to Power Supply PP-4514/PRC-74 apply to Power Supply PP-4514A/PRC-74.

Figure No.	Add to reference designations
2-6	200
2-8	300
3-3	600
3-4	600
3-5	600
3-6	600 or 6000

Figure No.

Add to reference designations
(Add 600 to only those that are not 3-digit numbers and 6000 to 3-digit numbers beginning with 1)

3-7	600
3-9	700
3-10	700
3-11	700
3-13	400
3-15	500
3-32	600
3-35	700
3-36	700
3-37	400
3-38	500
4.1-2	800
4.1-3	800
4.1-4	800
4.1-5	800
4.1-8	300
4.1-9	300

1-2. Indexes of Publications

a. DA Pam 310-4. Refer to the latest issue of DA Pam 310-4 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

b. DA Pam 310-7. Refer to DA Pam 310-7 to determine whether there are modification work orders (MWOs) pertaining to the equipment.

c. Report of Equipment Manual Improvements. Report of errors, omissions, and recommendations for improving this manual by the individual user is encouraged. Reports should be submitted on DA form 2028 (Recommended Changes to DA Publications) and forwarded direct to Commanding General, U. S. Army Electronics Command, ATTN: AMSEL-ME-NMP-AD, CR Fort Monmouth, New Jersey 07703.

Note. For other applicable forms and records, see paragraph 1-3, TM 11-5820-590-12-1.

Section II. GENERAL FUNCTION

1-3. Introduction

a. This section describes the general functional operation for the radio set. It is divided

into block diagram descriptions of the transmit and receive modes of operation.

b. An interconnection diagram of Radio Set

AN/PRC-74B is shown in figure 6-1. The modules and chassis-mounted circuits of the radio set serve dual purposes by operating in both the receive and transmit operational modes. Mode selection within the radio set is accomplished by transmit-receive control relays mounted in each module. These relays normally connect the radio set modules and circuits to a receive configuration, with signal flowing left-to-right from the antenna to the headset (A, fig. 6-2). When a transmit mode is selected, the transmit-receive control relays interconnect the transmit portions of the modules and circuits. During this time, signal flow is left-to-right from the telegraph key, automatic Keyer KY-468/GRA-71 (automatic keyer), or the microphone to the antenna (B, figure 6-2).

1-4. Receive Mode of Operation

a. General. The function of the radio set when connected for the receive mode of operation, as shown in A, figure 6-2, is to receive a radiofrequency (RF) signal in the high frequency range from 2 megacycles (mc) to 17,999 mc; to heterodyne the RF signal with a locally generated synthesizer signal that is 1.75 mc above the input frequency; to convert the RF into a 1.75-mc intermediate frequency (IF); to remove the voice or telegraph intelligence from the IF; and to apply the intelligence to a headset. Two secondary modes may be utilized when the radio set is in the receive mode. The secondary modes are operate and calibrate. The operate secondary mode is used for normal communication operations. The calibrate secondary mode provides a means of periodically calibrating the tuning circuits for optimum performance.

b. Receive-Operate. When the receive mode has been selected and the radio set is in the operate condition, the RF input from the antenna is connected to the RF module through the power amplifier module. The power amplifier module provides the proper load for the RF input and is tuned for maximum RF signal reception. The RF module, which operates in conjunction with the synthesizer module for the heterodyning process, consists of RF

tuning, synthesizer tuning, RF amplification, and mixing circuits. The synthesizer module consists of four step oscillators that are selected by front panel controls. The oscillator output frequencies are selected to produce local oscillations 1.75 mc higher than the RF input. The synthesizer output is applied to the RF module and is heterodyned with the tuned RF input. The resulting 1.75-mc difference output of the RF module is the intermediate frequency. The RF gain of the radio set is controlled by a gain control circuit that applies an output to the RF module. The MC (MHz) step frequency selector switch of the synthesizer is geared to band switches within the RF module so that the proper RF bands of operation are selected when the synthesizer frequency is changed. The 1,750-kilocycle (kc) lower side-band (lsb) IF output of the RF module is supplied to the IF audio module. The IF audio module receives a 1,750-kc signal from the frequency generator module. The 1,750-kc signal in the frequency generator is produced by a highly stable, free-running crystal oscillator. The 1,750-kc signals are applied to a demodulator circuit that removes the audio intelligence in the IF audio module. The audio signal output is then amplified and supplied to the headset. The IF gain of the IF audio module is controlled by an IF gain input from the gain control circuits.

c. Receive-Calibrate. The calibrate secondary receive mode of operation is initiated by pressing the PUSH TO CALIBRATE switch on the radio set front panel. When the switch is pressed, a 12-volt calibrate input is applied to the power amplifier, synthesizer, frequency generator, and IF audio modules. The 12-volt calibrate signal energizes circuits in these modules which allow the operator to calibrate the radio set tuning circuits. In the synthesizer module, the 1-kc step selection circuits are effectively disabled so that the synthesizer output will be incremented in 10-kc steps. In the power amplifier module, the 12-volt calibrate signal disables the RF output to the RF module. To replace the RF output of the power amplifier module, a 10-kc calibration signal is applied to the RF module by the frequency generator module. The 10-kc calibration signal

and the frequency synthesizer module output are then heterodyned by the RF module to obtain a difference frequency, which is the 1,750-kc IF. The front panel CLARIFY tuning control, which is enabled by the PUSH TO CALIBRATE switch, is adjusted so that the 1,750-kc output of the RF module and the 1,750-kc frequency generator module output produce a zero beat, which is monitored in the headset. The IF audio module which compares the two intermediate frequencies is switched to the calibrate mode to eliminate a crystal filter network that is used in normal operation. After the zero beat has been obtained, the PUSH TO CALIBRATE switch is released to remove the calibration circuits and to return the radio set to a receiver-operate condition.

d. Receive Mode Power Source. During the receive mode, the power supply module of the radio set supplies three dc operating voltages to the system. The power supply module accepts 12 volts from an external power source and produces a +9-volt enable, +12-volt receive, and +12-volts for the PUSH TO CALIBRATE switch

1-5. Transmit Mode of Operation

a. General. The function of the radio set when connected in the transmit mode of operation as shown in B, figure 6-2, is to receive audio signals from a microphone or interrupted audio tones enabled by a telegraph key or automatic Keyer KY-468/GRA-71, to modulate the 1,750-kc if. with the audio intelligence, and to multiply the IF up to a high frequency RF signal between 2mc and 17.999 mc. The multiplied signal is then amplified and coupled to the antenna for transmission. The +12-volt calibrate circuits cannot be activated when the radio set is in a transmit configuration.

b. Transmit Operation. When the transmit mode of operation is selected, the receive-transmit control relays in the radio set are energized, causing the transmit circuits to be active and the receive circuits to be inactive. The signal flow to the modules begins at the telegraph key, automatic Keyer KY-468/GRA-71, or microphone. When the telegraph key or automatic Keyer KY-468/GRA-71 is used, a

2,000-cycle-per-second (cps) audio tone is connected to the audio circuits in the IF audio module each time the telegraph key is pressed or when the automatic keyer is keying. The audio signals are supplied back to the headset so that the operator may monitor the voice or telegraph intelligence. The audio signal is also applied to a balanced mixer circuit in the IF audio module and is modulated with the 1,750-kc output of the frequency generator module. Both sidebands of the 1,750-kc are amplified, and then the upper sideband is suppressed while the lower sideband is supplied to the RF module. Gain of the IF amplifier within the IF audio module is controlled by the chassis-mounted gain control circuits. A continuous wave (cw) hold control output for holding the radio set control relays in a transmit condition during the time between the characters of a manual telegraph message is routed to the power supply module by the IF audio module. The RF module also receives a signal from the synthesizer module. The synthesizer module frequency range is from 3.75 mc to 19.749 mc. A mixer in the RF module mixes the 1,750-kc lsb and synthesizer frequency producing a sum and difference frequency. The difference frequency is between 2 mc and 17.999 mc and is the upper sideband of the selected channel. The difference frequency is selected by a tuned radiofrequency amplifier and is applied to the power amplifier module. The MC (MHz) step frequency selector gearing of the synthesizer module is connected to the band selection circuits in the RF module so that when the synthesizer frequency is changed, the resonant frequency of the RF module will be changed accordingly. The chassis-mounted gain control circuits and the front panel R. F. GAIN control govern the level of the 2-mc to 17.999-mc RF module output. The power amplifier module increases the amplitude of the RF signal and couples the signal to the antenna. In addition, the power amplifier module provides a transmit level control to the gain control circuit so that RF gain in the RF module is maintained at a constant level.

c. Transmit Mode Power Source. During the transmit mode, the power supply module of the radio set supplies three dc operating

voltages to the system. The power supply module accepts +12 volts from an external power source and produces the +12-volt

transmit (to energize the radio set relays), the +9-volt enable, and the +40-volts for the power amplifier module.

Section III. FUNCTIONAL ANALYSIS

1-6. General

This section contains a functional analysis of each of the radio set's major functions. These major functions are the receive, transmit, and power functions. Diagrams of each major function are shown in figures 6-3 through 6-5. These diagrams show the major circuits contained within each module and illustrate the mode selection circuits which switch the radio set from a receive to a transmit function.

1-7 Receive Function

(fig. 6-3)

a. General. The receive function receives RF signals of from 2 to 17.999 mc, converts the RF signal to a 1,750-kc IF then demodulates the intelligence so that it will produce audible signals in a headset. The functional operation of the circuits that are operational during a receive mode, within each dual purpose module, are described in *b* through *f* below.

b. Power Amplifier Module. The power amplifier module in the receive mode of operation connects the 2-mc to 17.999-mc RF input from the antenna to the input of the RF module. A receiver-transmit relay, which is de-energized in the receive mode, disconnects all power amplifier circuits, except the antenna loading and tuning network. This network contains selection circuits, which are adjusted to load the antenna for optimum RF reception

c. Synthesizer Module. The synthesizer module generates the 3.75-mc to 19.749-mc signal which is heterodyned with the received RF to obtain a 1,750-kc IF. The synthesizer signal selected is 1,750 kc above the IF and is applied to the RF module in 1-kc increments during normal operation. The synthesizer module may also be operated in the calibrate mode. During the calibrate mode, the synthe-

sizer signal output is in 10-kc increments. The basic synthesizer circuits which form the synthesizer signal consist of the push-to-calibrate and clarify tuning circuit, calibrate frequency standard, calibrate-operate control relay K2, receive-transmit control relay K1, 1-kc and 10-kc step oscillators and mixer, 100-kc step oscillator and mixer, and mc step oscillator and mixer. The CLARIFY control and 1 KC (KHz), 10 KC (KHz), 100 KC (KHz), and MC (MHz) step frequency selector switches on the radio set front panel are also part of the synthesizer module. Since the step oscillators are free-running, the synthesizer module requires only direct current (dc) voltages from the power supply module to operate. The 1-kc step oscillator produces 10 different frequencies as selected by the 1 KC (KHz) step frequency selector switch. The range of frequencies covered is from 6,525 to 6,534 kc. The 10-kc step frequency oscillator produces frequencies from 9,025 to 9,115 kc as selected by the 10 KC (KHz) step frequency selector switch. These two selected step frequencies are then added together and connected to the input of the 100-kc step oscillator and mixer. The 100-kc oscillator is controlled by the 100 KC (KHz) step frequency selector and has 10 different frequency outputs of 26,730 to 27,630 kc, in 100-kc steps. The 100-kc step oscillator output is added to the mixed 1-kc and 10-kc step oscillator outputs. The total signal is applied to the mc-step oscillator and mixer. The frequency range of the total signal is between 42,280 and 43,279 kc in 1-kc steps, depending on the settings of the three front panel kilocycle step frequency selectors. The mc step frequency oscillator and mixer is used to convert the synthesizer module output into its final form. The mc step oscillator frequency output is from 38,530 to 23,530 kc in 1,000-kc steps. The final mixer takes the difference between the mc and mixed 100-kc step oscillator outputs; therefore, the output of the final mixer is between 3.75 and 19.749 mc in 1-kc steps, depending on the position of the

MC (MHz) step frequency selector switch. The combination of step frequency selections is normally 1.75 mc above the incoming RF. The synthesizer output is altered during calibration of the radio set. To calibrate the radio set during the receive mode, the operator presses the CLARIFY-PUSH TO CALIBRATE control knob on the front panel. With the control knob pushed in, +12volts is provided to operate-calibrate control relay K2 in the synthesizer module. This voltage energizes K2, causing its contacts to replace the multiple 1-kc crystal frequencies with a fixed calibrate frequency standard. This process removes the 1-kc steps in the synthesizer output. The CLARIFY tuning control is then used to properly calibrate the receiver tuning circuits. The MC (MHz) step frequency selector, in addition to providing the correct mc step frequency, is mechanically connected to the RF module to control frequency selection.

d. RF Module. During the receive function, the RF module tunes the power amplifier module and synthesizer module input frequencies, controls the RF gain, and heterodynes the RF signal with the selected synthesizer frequency to obtain the 1,750-kc IF. If the receiver is being calibrated, the RF module receives a 10-kc calibrate signal from the frequency generator module. The 10-kc calibrate signal is heterodyned with an altered synthesizer signal input, consequently, the tuning circuits can be calibrated so that the synthesizer and frequency generator are in phase with one another and the RF module can be tuned properly prior to RF reception. To insure that the frequency bandpass range of the RF module circuits will be approximately the same as the RF and synthesizer input ranges, the RF module is mechanically connected to the MC (MHz) step frequency selector switch on the front panel. The basic operation of the RF module is the same during both the calibrate and operate conditions except for minor differences; therefore, only the operate condition will be described. During the operate condition, the RF input from the power amplifier module is applied through the normally closed contacts of receive-transmit control relay K1 to the RF tuning circuits. The RF input is in

the high frequency range between 2 and 17.999 mc. The RF tuning circuits form a tuned radiofrequency (trf) amplifier. The bandpass of the tuned circuit is controlled by band-switching devices mechanically connected to the front panel MC (MHz) step frequency selector. The RF tuning circuits also receive an RF gain control input from the chassis-mounted RF gain control circuits. The front panel R. F. GAIN control is adjusted for a desired audio level in the headset. The tuned and gain-controlled RF signal is supplied to a balanced mixer in the RF module for heterodyning. The synthesizer module tuning circuits are used to supply a 1.75-mc frequency above the input radiofrequency to the balanced mixer. The synthesizer tuning circuits in the RF module receive the 3.75-mc to 19.749-mc output of the synthesizer module. Its tuned circuits are also frequency band controlled by the MC (MHz) step frequency selection. The tuned synthesizer and RF signals are heterodyned by the balanced mixer to obtain the 1,750-kc IF. The IF output of the RF module containing the voice or telegraph audio intelligence is then applied to the IF audio module.

e. Frequency Generator Module. During the receive mode, the frequency generator module provides two outputs. These outputs are a highly stable 1,750-kc signal and a 10-kc calibrate signal. The frequency generator module consists of a frequency standard and a frequency divider. The frequency standard is a free-running frequency generating circuit requiring only +9 volts enable from the power supply to operate. The 1,750-kc output is connected to the demodulator circuit of the IF audio module and to the frequency divider in the frequency generator module. The frequency divider divides the 1,750 kc down to 10 kc when the front panel PUSH TO CALIBRATE switch (not shown on fig. 6-3) is pressed; therefore, a 10-kc output is provided to the RF module only when the receive function is being calibrated.

f. If. Audio Module. The primary function of the IF audio module is to accept the 1,750-kc IF containing the audio intelligence from the RF module and the 1,750-kc reference signal

from the frequency generator module, to amplify the IF, to detect the audio intelligence, to amplify the audio, and to apply it to a headset. The 1,750-kc IF is received from the RF module and connected to the IF preamplifier through the normally closed contacts of receive-transmit control delay K1. The preamplified IF is then filtered by a crystal filter network when operate-calibrate control relay K2 is in the operate condition. The resultant output is supplied through receive-transmit control relay K3 contacts to the IF amplifier stage. The +9-volt enable line is routed through another set of K3 contacts to the IF amplifier and demodulator stages during the receive mode of operation only. The IF amplifier, which receives IF gain control from the chassis-mounted gain control circuits, further amplifies the 1,750-kc modulated IF before it is sent to the demodulator. A second input to the demodulator is the 1,750-kc reference signal. The difference in the modulated 1,750-kc and the 1,750-kc reference signal is the output from the demodulator. The difference is the audio intelligence created by voice or telegraph modulation. The audio signal is applied to an audio amplifier stage, which amplifies the signal and applies it to the headset.

1-8. Transmit Function

(fig. 6-4)

a. General. The purpose of the transmit function is to accept voice, telegraph key, or automatic Keyer KY-468/GRA-71 audio intelligence, modulate a 1,750-kc IF signal with the audio, multiply and amplify the IF up to a signal between 2 and 17.999 mc, then couple the RF to an antenna for transmission. The functional operation of the circuits within the dual purpose radio set modules that are operational during the transmit mode of operation is described in *b* through *f* below.

b. Frequency Generator Module. The function of the frequency generator module during the transmit mode of operation is to provide a highly stable 1,750-kc IF reference signal to the IF audio module. The frequency divider circuit will not operate in the transmit mode

since the PUSH TO CALIBRATE switch line does not receive power.

c. If. Audio Module. The IF audio module is capable of modulating a 1,750-kc IF with voice, telegraph key, or automatic keyer audio intelligence. After modulation, the modulated IF is amplified and filtered by the IF audio module before being applied to the RF module. The IF audio module consists of two receive-transmit control relays, an audio tone oscillator, a continuous wave hold circuit, an audio amplifier, a microphone amplifier, a balanced mixer, an IF preamplifier, and a crystal filter. Voice (audio) inputs are applied to the microphone amplifier from the microphone. When the automatic keyer is keying or when the operator closes the telegraph key, the audio tone oscillator is activated, causing a 2,000-cps tone to be connected to the microphone amplifier. The microphone amplifier amplifies the voice, automatic keyer, or telegraph key audio intelligence and supplies it to the input of the balanced mixer. A second output of the microphone amplifier connects the audio to the audio amplifier and headset for sidetone monitoring. The other input to the balanced mixer is the 1,750-kc IF reference signal. Within the balanced mixer circuit, the audio intelligence modulates the 1,750-kc IF reference signal. The modulated IF is taken from the arm of the balance control at the output of the balanced mixer and passed through the contacts of relay K1 (energized) to the IF preamplifier stage. After amplification, the IF is filtered by the crystal filter to pass only the lsb of the IF. The lsb IF is then connected through the transmit contacts of K3 (energized) to the input of the RF module.

d. Synthesizer Module. The operation of the synthesizer module during a transmit mode of operation is the same as during the receive mode of operation, except that the calibration circuits are disabled; therefore, the synthesizer output is always a high frequency signal between 3.75 and 19.749 mc in 1-kc steps. The frequency selected by the four front panel step frequency selector switches determines the frequency output of the synthesizer module.

e. RF Module. The operation of the RF module of the radio set during the transmit

mode of operation is also the same as that in the receive mode of operation except that signal flow is reversed through the module, and the calibration circuits are disabled. Since signal flow is reversed, the 1,750-kc IF is now the input to the balanced mixer. The balanced mixer also receives the synthesizer module output and mixes both signals. The output of the balanced mixer is applied through the contacts of relay K1 (energized) to the RF tuning circuits. The RF tuning circuits select the difference between the two signals, that is, the synthesizer frequency input minus the lower sideband of 1,750 kc. This difference frequency, which is the upper sideband of the selected channel (2 to 17.999 mc), is amplified and connected to the power amplifier module through the contacts of relay K2 (energized).

f. Power Amplifier Module. The power amplifier module in the transmit mode of operation amplifies the RF output of the RF module, controls the transmit level automatically, and provides a means of tuning and loading the antenna properly for optimum rf transmission. The +9-volt enable output of the power module is connected through the contacts of relay K2 to the RF preamplifier and RF power amplifier circuits during transmit mode only. These circuits increase the gain of the RF sufficiently to drive the antenna tuning and loading circuits. A transmit level control, produced by the transmit level control circuit, is applied to the input of the RF gain control to maintain the input signal at a constant level. The transmit level control circuit establishes the control level by sampling the current drawn by the RF power amplifier. After preamplification and power amplification, the RF is applied to a tuning indicator circuit. This circuit provides an input to ANT IND meter M201, which is used to monitor antenna tuning. The amplified rf is then supplied to the antenna tuning and loading network. The antenna tuning and loading network contains the adjustments and switches necessary to tune the antenna for optimum RF transmission.

1-9. Power Function

(fig. 6-5)

a. General. The purpose of the power circuits

is to receive either ac or dc source power and convert it into the dc operating voltages required by the radio set during both receive and transmit modes of operation. The functional operation of the circuits within the radio set power supply module, Power Supply PP-4514/PRC-74, and the external battery charger are described in *b* through *d* below. Optional power input connections may be utilized as an input to the power circuits. When the radio set is used as a portable man-carried unit, the power input to the power supply module is +12 volts from a wet or dry cell battery. During that time, the external power supply and battery charger are not required; however, if the radio set is to be used at a field site or fixed station, the external power supply and battery charger are normally used. During that time, +21 volts to +31 volts from a vehicular battery or dc power source, 160 to 255 volts ac, or 80 to 130 volts ac can be the power source. The external power supply then converts either the dc or ac voltage into the required -12-volt input for the radio set power supply module. The external battery charger operating from the converted voltages of the power supply charges the rechargeable batteries of the radio set so that they can be used again for future portable operation.

b. Power Supply PP-4514/PRC-74. The PP-4514/PRC-74 is capable of converting either alternating current (ac) or dc voltages into +12 volts for the power supply module of the radio set. The ac or dc input source voltage is coupled through the input filter capacitors to the POWER ON switch. If the dc power input option has been chosen for use, the dc voltage is passed through 15-ampere fuse F1 to the input of the -12-volt regulator circuit. A dc indicator is connected to the dc input line so that the operator will know that dc voltage is being applied to the PP-4514/PRC-74. When an ac power source has been selected as the input to the PP-4514/PRC-74, the POWER ON switch passes either 160 to 255 volts ac through 2-ampere fuse F2 or 80 to 130 volts ac through 4-ampere fuse F3 to a dc rectifier. The dc rectifier converts the ac voltage to a dc voltage (between +20 and +40 volts) that is sufficient to drive the +12-volt regulator

circuit. The +12-volt regulator, a series-regulated circuit, accepts either the direct or converted dc voltage input and provides a +12-volt output across its load. This +12 volts is supplied to the power supply module. In addition, a +12-volt output of the +12-volt regulator is applied to the monitoring meter on the front panel of the PP-4514/PRC-74.

c. Battery Charger Assembly. The external battery charger (PP-4514/PRC-74) receives either the direct or converted dc voltage from the PP-4514/PRC-74 and provides a means for charging the +12-volt rechargeable battery that powers the radio set when it is man-carried. CHARGER ON switch S1A connects ground to the battery charger when set to ON. A charger power on indicator monitors the application of battery charger power. To protect the battery charger from overloads, 6-ampere fuse F1 is connected in series with the CHARGER ON switch. The output of the battery charger is routed through 6-ampere fuse F2, blocking diode CR3, and switch S1B to the battery.

d. Power Supply Module. The power supply module is in the radio set. The power supply module may receive power input from either a 12-volt battery or the external power supply. In either case, the operation of the power supply module is the same. The selected optional power is connected through 2-ampere

fuse F2 to the contacts of the transmit-receive control relay K1 and OFF-ON-TUNE function switch S201B. The transmit-receive control relay is normally in the receive position, disconnecting the 12 volts from the dc-to-dc converter and 12-volt transmit line. When the transmit mode of operation has been selected, the cw hold signal from the IF audio module energizes K1, causing the +12-volt transmit line to be energized and the dc-to-dc converter to operate. The 12-volt input to the dc-to-dc converter is converted to approximately 50 volts. The +50-volt potential is then regulated at 40 volts by the +40-volt regulator. The 40-volt output of the power supply module is applied to the power amplifier module of the radio set. The OFF-ON-TUNE switch supplies +12 volts to the +9-volt regulator and transmit-receive control relay K1 contacts if it is positioned to ON or TUNE. The +9-volt regulator is a series-regulated circuit which supplies +9 volts enable to the radio set modules during both the receive and transmit modes. The contact of K1 that receives +12 volts from the function switch is connected to front panel PUSH TO CALIBRATE switch S202 only during the receive mode of operation. The PUSH TO CALIBRATE switch distributes the +12-volt calibrate control voltage to the radio set modules when it is desired to calibrate the radio set tuning circuits.

Section IV. FREQUENCY SYNTHESIZER MODULE ANALYSIS

1-10. General (fig. 6-6)

The frequency synthesizer module generates a signal for heterodyning purposes. The synthesizer module contains a series of crystal-controlled oscillators, mixers, band-pass filters, and amplifiers that generate a selectable output signal of 3.75 to 19.749 mc. The selectable output signal frequency is always 1,750 kc above the RF selected by the radio set for operation. A simplified block diagram of the synthesizer module is illustrated in figure 6-6. The 1 KC (KHz) step frequency selector switch S1, 10 KC (KHz) step frequency selector switch S2, 100 KC (KHz) step frequency

selector switch S3, and MC (MHz) step frequency selector switch S4 select a crystal for each of their respective oscillator circuits. All selector switches and controls necessary for frequency synthesizer module operation are on the front panel.

a. 1-Kc and 10-Kc Oscillators and Mixer. The 1-kc oscillator Q1, 10-kc oscillator Q2, and mixer Q3 are contained in assembly A5 of the frequency synthesizer module. Crystals Y1 through Y10 and 1 KC (KHz) step frequency selector switch S1 provide 1-kc oscillator Q1 a frequency range between 6,525 and 6,534 kc in 1-kc steps. The 1-kc oscillator crystals and switch S1 are part of assembly A1 of

The frequency synthesizer module. Calibrate frequency standard crystal Y47 is connected to the 1-kc oscillator circuit through the contacts of relay K2 when the radio set is in the calibrate mode of operation. Calibrate frequency crystal Y47 produces 6,525 kc for calibration purposes. In calibration operation, the receiver is calibrated against a 10-kc signal generated in the frequency generator module. Calibrate frequency crystal Y47 inserts a signal (identical to position 0 of 1 KC (KHz) step frequency selector switch S2) into the 1-kc oscillator, eliminating the 1-kc step action for calibration purposes. CLARIFY control C601 in the receive mode of operation, is connected through the contacts of K1 to the crystal selected by switch S1. Slight adjustments to the receive frequency can be made to receive a station more clearly by manually varying the CLARIFY control. The output of the 1-kc oscillator is applied to the input of first mixer Q3 where it is mixed with the output of 10-kc oscillator Q2. The 10 KC (KHz) step frequency switch and crystals Y11 through Y20 are part of 10-kc crystal select A2 of the synthesizer module. The 10-kc oscillator generates a frequency of 9,025 to 9,115 kc in 10-kc steps. During calibration, the output of the 10-kc oscillator is adjusted by means of the PUSH TO CALIBRATE control (not shown on figure 6-6). This is accomplished by depressing the PUSH TO CALIBRATE knob and tuning it for a zero beat tone at the headset. The first mixer output is the sum of the 1-kc and 10-kc oscillators. The output of the mixer is applied to 10-kc bandpass amplifier Q4. The 10-kc bandpass amplifier has tuned circuits that reject undesired frequencies and harmonics of the first mixer output while passing signals in the frequency range of 15,550 to 15,649 kc. Output signals of the 10-kc bandpass amplifier are applied as one of the inputs to second mixer T5, T6.

b. *100-Kc Oscillator.* The 100-kc oscillator Q7 and 100-kc crystal select Y21 through Y30 and S3 are part of 100-kc step oscillator A3. The 100-kc oscillator can produce a frequency between 26,730 and 27,630 kc, in steps of 100 kc. The frequency is selected by

100 KC (KHz) step frequency selector switch S3 and the resulting signal, generated by Q7, is supplied as an input to second mixer T5 and T6, where it is combined with the output of 10-kc bandpass amplifier Q4.

c. *Second Mixer and 100-Kc Bandpass Amplifier Q5, Q6.* The 15,550- to 15,649-kc output of the 10-kc bandpass filter and the 26,730- to 27,630-kc output of 100-kc oscillator Q7 are added together by second mixer T5, T6. The second mixer output is applied to 100-kc bandpass amplifier Q5, Q6. The resulting combined and filtered output signal of the 100-kc bandpass amplifier is supplied as an output to a third mixer stage where it is combined with the output of 1-mc oscillator Q9. The second mixer and 100-kc bandpass amplifiers are in 100-kc mixer and bandpass amplifier A7 of the synthesizer module.

d. *1-Mc Oscillator.* The 1-mc oscillator Q9 and crystals Y31 through Y46 are in assembly A4 of the synthesizer module. The 1-mc oscillator generates signals of 38,530 to 23,530 kc, selectable in 1-mc steps. Oscillator crystals are selected by means of MC (MHz) step frequency selector switch S4 which is also geared mechanically to the RF module.

e. *Third Mixer.* The output of the 1-mc oscillator and the output of the 100-kc bandpass amplifiers are mixed in third mixer T12, T13, CR4. The difference frequency of the two input signals is taken from the output of the third mixer and applied to output amplifier and low-pass filter Q8, FL1. The third mixer and output amplifiers are part of mc mixer and final amplifier A8.

f. *Output Amplifier and Low-Pass Filter.* The output of the third mixer is applied to output amplifier and low-pass filter Q8, FL1. The undesirable harmonics are filtered out by FL1. The output of the frequency synthesizer module is the difference frequency produced at the output of the low-pass filter circuit. This signal is supplied to the RF module for use in the heterodyne process. The output signal of the frequency synthesizer module ranges from 3.75 to 19.749 mc.

(1) The signal derived from each of the

frequency synthesizer modules is given in the chart below.

Switch position (digit)	Oscillator			
	1-kc	10-kc	100-kc	1-Mc (in kc)
0	6,525	9,025	26,730	
1	6,526	9,035	26,830	
2	6,527	9,045	26,930	38,530
3	6,528	9,055	27,030	37,530
4	6,529	9,065	27,130	36,530
5	6,530	9,075	27,230	35,530
6	6,531	9,085	27,330	34,530
7	6,532	9,095	27,430	33,530
8	6,533	9,105	27,530	32,530
9	6,534	9,115	27,630	31,530
10				30,530
11				29,530
12				28,530
13				27,530
14				26,530
15				25,530
16				24,530
17				23,530

(2) A composition of the synthesizer signal is shown by the following example:

(a) Assume the radio set frequency setting is 3,167 kc.

(b) With a 1,750-kc intermediate frequency, the frequency synthesizer module signal required is:

$$1,750 + 3,167 = 4,917 \text{ kc.}$$

(c) Add 1-kc oscillator (position 7) to 10-kc oscillator (position 6):

$$6,532 + 9,085 = 15,617 \text{ kc.}$$

(d) Add 100-kc oscillator (position 1):

$$15,617 + 26,830 = 42,447 \text{ kc.}$$

(e) Subtract 1-mc oscillator (position 3):

$$42,447 - 37,530 = 4,917 \text{ kc.}$$

1-11. 1-Kc Oscillator

The schematic diagram of the 1-kc oscillator circuit in the synthesizer module is shown in figure 6-7. The 1-kc oscillator Q1 and the selected crystal (Y1 through Y10) form a Colpitts-type oscillator with a frequency range of 6,525 to 6,534 kc. Starting at position 0 of the 1 KC step frequency selector, each crystal selected advances the signal output of Q1 by 1 kc. A trimmer capacitor associated with each crystal, C602 through C611, is part of the tuned circuit and is adjusted to the exact frequency

of each position as shown in the chart for KC (KHz) step frequency selector switch S1. In the receive mode of operation, relay K1 is deenergized, connecting C601 to the crystal selected. CLARIFY control C601 is adjusted to receive signals clearly. In the transmit mode of operation, relay K1 is energized, disconnecting C601 and connecting C612 and C92 to the tuned circuit of the 1-kc oscillator. Capacitor C612 is adjusted for overall frequency ranges of the oscillator. During the calibration mode, relay K2 is energized, disconnecting the crystal that was selected by switch S1 and connecting crystal Y47 to the 1-kc oscillator. Crystal Y47 produces 6,525 kc, which is identical to position 0 of 1 KC (KHz) step frequency oscillator selector S1. Frequency trimming of Y47 is accomplished by capacitor C617. Feedback for the 1-kc oscillator is through the emitter of Q1 to the junction of capacitors C14 and C15. Resistors R1 and R2 constitute a voltage divider network providing bias for the base of Q1. RF decoupling is provided by rf choke L1 and capacitor C18. This circuit is typical for the IF decoupling circuits that are used throughout the synthesizer module. The 1-kc step frequency signal output is taken from capacitive divider network C15 and C16 that provides a low impedance output drive to the emitter of first mixer Q3.

1-12. 10-Kc Oscillator

The 10-kc oscillator circuit is a Colpitts-type oscillator similar to the 1-kc oscillator. One of 10 crystals (Y11 through Y20) is selected by 10 KC (KHz) step frequency selector S2 for 10-kc oscillator Q2. The rear deck of S2 insures that the unused crystals of the 10-kc oscillator do not generate undesired signals. During the calibration mode, capacitor C628 is mechanically connected to the PUSH TO CALIBRATE knob. The frequency of the synthesizer output is adjusted for a zero beat with a 10-kc signal from the frequency generator module. The output of Q2 is applied to the base of first mixer Q3. Capacitive divider C21 and C22 provides a low impedance output to drive the first mixer stage.

1-13. First Mixer

First mixer Q3 receives the 1-kc oscillator output signal at the emitter and the 10-kc oscillator output at the base and heterodynes both signals. Base bias is developed by resistors R7 and R8, and emitter bias is developed by R9. The sum of the signals (15,550 to 15,649 kc) is tuned by two tuned circuits. The first tuned circuit is comprised of auto-transformer T601 and capacitors C26 and C27 and is located on assembly A5. The capacitors also serve as a voltage divider network. The second tuned circuit, on assembly A6, is made up of T602, C30, and C31. The output of the second tuned circuit is taken from the center tap of T602 and applied to 10-kc bandpass amplifier Q4.

1-14. 10-Kc Bandpass Amplifier

The output of the first mixer is connected to the 10-kc bandpass amplifier, through T602 and coupling capacitor C32, to the base of transistor Q4. Base bias for Q4 is developed by voltage divider R11 and R12. RF decoupling network L10, C83, L5, C33, and C34 block the RF signals from the 9-volt power source. Transistor Q4 amplifies the signal and applies the output to a tuned circuit that is tuned to 15,561 kc and has a bandwidth of 10 kc. The tuned circuit is comprised of autotransformers T603 and T604 and capacitors C36, C37, and C38. The output signal of the 10-kc bandpass amplifier is taken from the center tap of T604 and applied to the primary winding of second mixer input transformer T5.

1-15. 100-Kc Oscillator

The 100-kc crystal oscillator generates selectable output frequencies of 26,730 to 27,630 kc in 100-kc steps. The 100-kc oscillator circuit consists of transistor Q7, tapped transformer T611, and 10 crystals (Y21 through Y30), which are selectable one at a time by means of 100 KC (KHz) step frequency selector S3. The front deck of S3 grounds all crystals (Y21-Y30), except the selected crystal, to prevent undesired signals. An RF filter network, consisting of C88, L11, C85, L12, C52, R21, C53, L8, and C54, keeping 100-kc RF signals from the 9-volt power source. Bias for the base circuit of transistor Q3 is provided by

voltage divider R22 and R23. The primary of T611 and C55 form a collector tank circuit for Q7. Regenerative feedback for the 100-kc oscillator circuit is provided from the center tapped/primary of T611 through C56 to the emitter of Q7. Degenerative feedback is provided through C105 to the base of Q7 to stabilize the 100-kc oscillator output. Emitter bias for Q3 is provided by R24. The 100-kc output signal from the secondary winding of T611 is connected to the second mixer.

1-16. Second Mixer

The second mixer accepts the frequency outputs of the 10-kc bandpass amplifier and 100-kc oscillator, then heterodynes the signals, producing an upper and lower sideband. The second mixer consists of transformers T5 and T6 and single-balanced diode circuit CR3. Transformer T5 couples both input signals to single-balanced diode circuit CR3. Single-balanced diode circuit CR3 suppresses the 100-kc oscillator signal and connects the upper and lower sideband of the mixed signal to T6. The secondary of T6 is connected directly to the base of first 100-kc bandpass amplifier Q5.

1-17. 100-Kc Bandpass Amplifier

The 100-kc bandpass amplifier contains first 100-kc bandpass amplifier Q5 and second 100-kc bandpass amplifier Q6. First 100-kc bandpass amplifier Q5 receives the upper and lower sideband output of the second mixer and amplifies the signal, then selects the upper sideband for further amplification. Base bias for transistor Q5 is developed by voltage divider network R15 and R16. Emitter bias for Q5 is developed across resistor R17. Emitter biasing resistor R17 is bypassed by capacitor C40 to prevent degeneration. Resistor R38 and capacitor C41 form a decoupling network, keeping RF from the 9-volt power source. Transformer T607 and capacitor C42 form a tank circuit whose output is coupled through C43 to a second tank circuit, T608 and C44. Both tank circuits are tuned to the upper sideband and have a bandwidth of 100 kc. The output of T608 is coupled through C45 to the base of second 100-kc bandpass amplifier Q6. The function of second 100-kc bandpass amplifier

Q6 is similar to the first 100-kc bandpass amplifier. RF decoupling for transistor Q6 collector circuit is accomplished by L7 and C48. Capacitor C46 provides additional decoupling. The output of the second 100-kc amplifier is taken from the center tap of T610 and is applied to the third mixer where the signal is mixed with the 1-mc oscillator signal.

1-18. 1-Mc Oscillator

The 1-mc oscillator is similar to the 100-kc oscillator circuit and consists of 1-mc oscillator Q9, tuned transformer T614, MC (MHz) step frequency selector switch S4, and oscillator crystals Y31 through Y46. Since the frequency range covered is greater than that of 100-kc oscillator Q7, trimmer capacitors are added to the oscillator circuit for frequency adjustments of each selected crystal. This action is accomplished by MC (MHz) step frequency selector switch S4B, which selects a trimmer capacitor and a fixed capacitor. Each position of S4 selects a crystal for the oscillator and a capacitor in series with mc oscillator output tank circuit T614 and C65. The 1-mc oscillator output is 38,530 to 23,530 kc in 1-mc steps. Each trimmer capacitor selected adjusts the output frequency to the exact frequency desired for each position of the MC (MHz) step frequency selector switch. MC (MHz) step frequency selector switch S4 is linked mechanically to the RF module to keep the frequency synthesizer module output signal exactly 1,750 kc above the tuned radio-frequency amplifier stages of the RF module.

1-19. Third Mixer

The third mixer is a balanced bridge circuit that is designed to mix the output signal of the second 100-kc bandpass amplifier with the output of the 1-mc oscillator. The third mixer consists of mixer transformer T12, rectifier diode network CR4, and output transformer T13. The output of the 100-kc bandpass amplifier is applied to the unbalanced input, and the output of the 1-mc oscillator is applied to the balanced input of the balanced bridge circuit. The output of the second 100-kc bandpass amplifier is suppressed and the upper and lower sidebands are coupled across transformer T13 to the base of transistor Q8.

1-20. Output Amplifier

Output amplifier Q8 amplifies the double sideband output from the third mixer and couples the signal to low-pass filter FL1. Base bias for transistor Q8 is developed by voltage divider network R27 and R28. Resistors R31 and R32 provide emitter bias. Capacitors C57, C59 and C106 prevent degeneration. Resistor R29 and capacitors C58 and C61 form an RF decoupling network for the output amplifier. The double sideband signal is coupled through capacitor C60 to low-pass filter FL1. Low-pass filter FL1 allows only the lower sideband signal (difference between the second 100-kc bandpass amplifier output and mc oscillator output) to pass to the RF module. The frequency range of this signal is 3.75 to 19.749 mc and is 1,750 kc above the radio set operating frequency.

Section V. RF MODULE ANALYSIS

1-21. General

(fig. 1-1)

The RF module performs two functions: in the receive mode of operation, it converts the incoming rf from the power amplifier module to a 1,750-kc intermediate frequency; in the transmit mode of operation, it converts the 1,750-kc intermediate frequency to the transmit frequency. Figure 1-1 shows how the signals are routed during the two modes of operation.

a. Receive Mode. During the receive mode of operation, the RF input from the power amplifier module is coupled through the contacts of relay K1 (deenergized) to the trf amplifier. The trf amplifier consists of three RF tuned circuits and an RF amplifier. The RF tuned circuits are tuned to the operating frequency and are connected in series to increase the selectivity of the trf amplifier. Output from the third RF tuned circuits is coupled through the contacts of relay K2 (deenergized)

to balanced mixer Z1. In the balanced mixer, the output from the third RF tuned circuits is heterodyned with a signal from the synthesizer module. The synthesizer module output signal is 1,750 kc above the operating frequency of the radio set. The resultant output from the balanced mixer is a 1,750-kc intermediate frequency applied to the IF audio module. The input from the synthesizer module is amplified by the synthesizer amplifier stage. The synthesizer tuned circuits that follow the synthesizer amplifier stage are tuned with a section of the same ganged capacitor that is used by the tuned circuits of the trf amplifier. The resonant frequency of the synthesizer tuned circuit is always 1,750 kc above that of the trf tuned circuits. The resonant frequency of all the rf tuned circuits in the RF module is varied simultaneously by the control panel PEAK NOISE control.

b. Transmit Mode. During the transmit mode of operation, the RF module receives a 1,750-kc lower sideband signal from the IF audio module. The signal is coupled to the balanced mixer and heterodyned with the amplified 3.75-mc to 19.749-mc RF input from the synthesizer module. The difference frequency output of the balanced mixer is the upper sideband of the selected channel and is coupled through the contacts of relay K1 (energized) to the trf amplifier, and from there (through the contacts of energized relay K2) to the power amplifier module.

1-22. First RF Tuned Circuit (fig. 6-8)

Input signals from the power amplifier module to the first RF tuned circuits are received at connector J702 and coupled through the contacts of relay K1 (deenergized) to switch S1A. Switch S1A is one section of a six-wafer, four-position, gear-driven rotary switch that selects the tuned circuits of the RF module and is gear-driven from the MC (MHz) selector switch of the synthesizer module. The input signal is switched by S1A to one of four tank circuits in the first RF tuned circuits. The tank circuit to be used is determined by the band setting of switch S1A. In band 1, the input is applied

to the primary of transformer T701; in band 2, the input is applied to the primary of T702, etc.

a. The radio set frequency range and synthesizer range for each of the four bands are shown in the chart below.

Band number	Rf range (mc)	Synthesizer (mc)
1	2 to 3.999	3.75 to 5.749
2	4 to 6.999	5.75 to 8.749
3	7 to 11.999	8.75 to 13.749
4	12 to 17.999	13.75 to 19.749

b. For all operating bands, tuning capacitor C701A is placed in parallel with the capacitor of the selected tank circuit. Capacitor C701 consists of four ganged-tuned capacitors (C701A through C701D) which are adjusted simultaneously with the PEAK NOISE control on the control panel of the radio set. The output signal of the first RF tuned circuits is supplied by one of the secondary windings of tuned transformers T701 through T704. The tank circuits of bands 1, 2 and 3, that are not used are loaded by resistor R3 to prevent interaction with the selected tank circuit. The output from the selected transformer is connected through switch S1A and coupled through capacitor C8 to the second rf tuned circuits.

c. In the calibration mode, a 10-kc calibration signal from the frequency generator module is supplied to the RF module. The 10-kc signal is fed to the first RF tuned circuits through jack J701, then filtered by a resistance-inductance (r1) network composed of resistors R1, R2, and R15, and inductors L4 and L5.

1-23. Second RF Tuned Circuits

The second RF tuned circuits consist of switch S1B, tuned transformers T705 through T708, capacitors C710 through C713 and C39 through C41. The input signal is routed through S1B to the selected tank circuit. Each tank circuit has a tapped transformer (except T708 which is a stepdown transformer) to match the impedance of transistor Q1. Resistor R4 loads the tank circuits of bands 1, 2 and 3 that are not used. Variable gang-tuned PEAK NOISE capacitor C701B tunes the selected tank circuit for maximum output at the desired frequency in the

band. The output from the selected second RF tuned circuits is coupled through switch S1B and capacitor C15 to the base of transistor Q1.

1-24. RF Amplifier

The signal from the second RF tuned circuits is coupled through C15 to the base of RF amplifier Q1. The gain of the RF amplifier is controlled by a positive voltage from the gain control circuit (para 1-55). The gain control voltage is connected to the base of Q1 through inductor L1. Resistor R6, diode CR1, and bypass capacitor C14 form part of a voltage divider network for the gain control circuit. Diode CR1 also provides temperature compensation for the base-to-emitter junction of Q1. Inductor L1 keeps RF out of the gain control circuits. Emitter bias is developed by R7. Inductor L2 is the load for transistor Q1. Decoupling is accomplished by capacitor C16. The output signal is coupled through C18 and switch S1C to one of four tank circuits in the third RF tuned circuits.

1-25. Third RF Tuned Circuits

The four tank circuits in the third RF tuned circuits are formed by the primary windings of transformers T709 through T712 and capacitors C720 through C723 and C43 through C45. Resistor R8 loads the three unused tank circuits. The secondary windings of transformers T709 through T712 provide low impedance outputs to balanced mixer Z1. The output from the selected tank circuit is connected to the balanced mixer through switch S1D and the contacts of relay K2 (deenergized).

1-26. Balanced Mixer

Balanced mixer Z1 operates in both the receive and transmit modes of operation. In the receive mode of operation, the balanced mixer receives an input from the third RF tuned circuits and from the synthesizer tuned circuits.

The output of the balanced mixer is coupled through transformer T717 and jack J705 to the IF audio module. The resonant frequency for T707 and C38 is 1,750 kc. In the transmit mode of operation, the balanced mixer receives an input from the IF audio module and from the synthesizer tuned circuits. The upper and lower sideband outputs from the balanced mixer are connected through the contacts of relay K1 (energized) to the first RF tuned circuits.

1-27. Synthesizer Amplifier

The synthesizer amplifier receives input signals from the frequency synthesizer module. Input signals are coupled through capacitor C25 to the base of transistor amplifier Q2. Resistor R9 provides the proper impedance matching with the frequency synthesizer module. Base bias for Q2 is developed across voltage divider network R10 and R11. The load for the collector circuit of Q2 is provided by inductor L3. Capacitor C26 and resistor R12 form an RF decoupling network. Emitter bias is developed across resistor R13. Capacitor C27 is an emitter bypass capacitor. Capacitor C28 couples the output of Q2 to MC step frequency selector switch S1F. The synthesizer amplifier output is switched by S1F and routed to the selected synthesizer tuned circuit.

1-28. Synthesizer Tuned Circuit

Four tank circuits in the synthesizer tuned circuits stage are formed by the primary winding of transformers T713 through T716 in parallel with capacitors C30, C731, C32, C733, C35, C734, C37, and C736. Capacitor C701D (PEAK NOISE control) is placed in parallel (through switch S1F) with the tuned circuit selected. Tuned circuits that are not selected are loaded by resistor R14. The output from the selected synthesizer tuned circuit is coupled through switch section S1E to the balanced mixer.

Section VI. IF AUDIO MODULE ANALYSIS

1-29. General (fig. 6-9)

The IF audio module is used in both the trans-

mit and receive modes of operation. In the receive mode, the IF audio module filters and amplifies the IF signal, then demodulates it

and amplifies the resulting audio signal. The audio signal is then routed to the headset. In the transmit mode, the IF audio amplifier converts audio signals (either voice or cw) to a single sideband (ssb) IF signal which is routed to the RF module

a. Receive Mode In the receive mode, the ssb IF signal from the RF module is routed through deenergized relay K1 to IF preamplifier Q1. The output signal of Q1 is applied to crystal filter FL1, a bandpass filter. The filtered signal is then routed through deenergized relay K3 to IF amplifier Q2 and Q3. Gain control, applied to the base of Q2, regulates the output of the IF amplifiers. The ssb IF signal is then routed to demodulator Q4 where the signal is mixed with 1,750 kc from the frequency generator module. The output of Q4 is an audiofrequency signal which is applied to audio amplifiers Q5, Q6, and Q7. The audio amplifier output drives a 500-ohm headset.

b. Calibrate Mode. The calibrate mode is similar to the receive mode. The one deviation is that when in the calibrate mode, relay K2 is energized, allowing the calibrate signal to bypass crystal filter FL1. Filter FL1 is bypassed because the calibrate signal is not in the frequency band of the filter. In the demodulator, the calibrate signal is mixed with the 1,750-kc signal from the frequency generator module. The radio set is calibrated so that a zero beat condition is observed at the headset.

c. Transmit Mode In the transmit mode, audio inputs are initiated by telegraph-key action or by automatic Keyer KY-468/GRA-71 operation, or are generated at a microphone. Tone oscillator Q11 is activated when the telegraph key is pressed or when the automatic keyer is in operation. The audio signal (voice or tone) is applied to microphone amplifier Q8, Q9, and Q10. The output signal of the microphone amplifiers is routed to balanced mixer Z1 and audio amplifiers Q5, Q6, and Q7. The audio amplifiers and headset permit the operator to hear a sidetone of the signal being transmitted. Balanced mixer Z1 combines the audio signal with a 1,750-kc signal from the frequency generator module and produces a

double-sideband, suppressed-carrier signal. This signal is routed through relay K1 (energized) to IF preamplifier Q1. The amplified double-sideband signal is then applied to crystal filter FL1 which passes the lower sideband and rejects the upper sideband. The ssb signal is routed through relay K3 (energized) to the RF module. Cw hold circuit Q12 and Q13 is enabled by pressing the telegraph key or by operating the automatic keyer. When Q13 conducts, a relay in the power supply is activated, putting the radio set in transmit mode. Releasing the telegraph key does not immediately cause the radio set to revert to the receive mode. A resistance-capacitance (rc) network holds the stage on for approximately 1 second, preventing the distant operator from breaking in between letters, but allowing him to interrupt between words. When the radio set is keyed by automatic Keyer KY-468/GRA-71, the rate of transmission is 300 words per minute. Because of this high rate, the time between words is very short and the radio set remains in the transmit mode for the duration of transmission.

1-30. If Preamplifier (fig. 6-10)

During the receive mode of operation, an unfiltered 1,750-kc IF ssb signal from the RF module is routed through connector J401 and the contacts of relay K1 (deenergized) to the primary of slug-tuned IF transformer T401. During the transmit mode of operation, the double-sideband signal from balanced mixer Z1 is routed through contacts of relay K1 (energized) to the primary of T401. The secondary of T401 and capacitor C10 form the tuned circuit of IF preamplifier Q1. Resistors R1 and R2 form the bias network. Capacitor C9 places pin 6 of the T401 secondary at ac ground. RF is decoupled from the +9-volt line by inductor L1 and capacitor C11. The output of Q1 is developed across emitter resistor R3 and is then routed through resistor R4 and capacitor C12 to the crystal filter.

1-31. Crystal Filter FL1 (fig. 6-10)

Crystal filter FL1 is a lower sideband pass

filter, referenced to a carrier frequency of 1,750 kc. The bandpass frequencies range from 275 to 3,000 cps below the carrier frequency. In the receive mode, FL1 filters the ssb input signal. In the transmit mode, the input is a double-sideband signal. Filter FL1 rejects the upper sideband and passes the lower sideband signal. In the calibrate mode, the input received from the RF module is a 1,750-kc signal. To prevent the calibrate signal from being rejected by the crystal filter, calibrate relay K2 is energized, permitting the calibrate signal to bypass the filter. During either the receive or the calibrate mode, relay K3 (deenergized) couples the output from the crystal filter circuit to the tuned IF amplifier stage. Relay K3 (deenergized) also applies +9 volts to the tuned IF amplifier and demodulator stages. During the transmit mode, relay K3 (energized) routes the signal from FL1 to the RF module.

1-32. IF Amplifier

(fig. 6-10)

The IF amplifier is in operation only during the receive and calibrate modes. During the transmit mode the input signal and +9 volts are removed from the IF amplifier by relay K3 (energized). In the receive mode or calibrate mode, IF amplifier Q2 and Q3 receive the output signal from crystal filter FL1 and +9 volts from the +9-volt line through the contacts of relay K3 (deenergized). The signal is routed through impedance matching network R6 and R7 to the primary of IF transformer T402. Capacitor C13 and the secondary of T402 form a tuned circuit. The signal from the tapped secondary is coupled through capacitor C14 to the base of Q2. Biasing of Q2 and Q3 is provided by the gain control signal from the gain control circuit (para 1-55). In the receive mode, the gain control signal is applied to the IF audio module through terminal board TB202, pin 7, and contacts 6 and 8 of K1. During the transmit mode, contacts 6 and 8 of K1 are opened and no signal is applied. During the receive mode, the gain control

signal is routed through filter capacitor C1 and the contacts of K1 (deenergized) to first IF amplifier stage Q2. The dc level of the gain control signal determines the gain of the IF amplifier. Inductor L2 and capacitor C15 decouple RF signals from the gain control circuits. Diode CR3 provides temperature compensation for Q2. The gain control level is developed across resistor R8 and diode CR3. Capacitor C16 prevents R9, the emitter bias resistor, from causing degenerative feedback. The output of Q2 is applied to the tapped, high-Q primary of slug-tuned IF transformer T403. The primary of T403 is tapped to provide impedance match between Q2 and Q3. The output of Q2 is developed across the tuned circuit formed by capacitor C17 and the primary of T403. Transistors Q2 and Q3 are connected as a series amplifier, providing high gain. The IF signal is coupled through T403 and capacitor C19 to the base of Q3. Inductor L3 provides a dc path between Q2 and Q3. Capacitors C18 and C20 bypass RF signals to ground. Voltage divider R10 and R11 develops the bias voltage applied to Q3. The output of Q3 is applied to the tapped primary of IF transformer T404. Tapping the primary provides impedance matching between Q3 and demodulator Q4. The output of Q3 is developed across the tuned circuit formed by capacitor C21 and the primary of T404. Capacitor C22 and inductor L4 decouple RF from the +9-volt line. The IF output of T404 is coupled through capacitor C23 to demodulator Q4.

1-33. Demodulator

(fig. 6-10)

Demodulator Q4 is operational only during the receive mode. Relay K3 (deenergized) connects the +9-volt line to the demodulator circuit. Demodulator Q4 receives an ssb IF signal from the IF amplifier and a 1,750-kc standard signal from the frequency generator module. The output of Q4 is the frequency difference between the two input signals. This frequency difference is the audio signal (voice or cw). The ssb IF signal is routed through capacitor C23 to the base of Q4. Base biasing of Q4 is provided by re-

Resistors R12 and R13, which are bypassed by C24. The 1,750-kc standard is applied to connector J402 and routed through resistor R17 and capacitor C25 to the emitter of Q4. Resistor R16 provides emitter biasing, and inductor L5 holds the 1,750-kc standard signal above ground. Resistor R14 drops the +9-volt level before it is applied to the base and collector circuits. Variable resistor R415 is provided for adjusting the audio signal level to the audio amplifier. Capacitor C26 bypasses RF signals to ground. Capacitor C24 is a bypass filter for the base bias resistors. The audio signal is coupled through resistor R47 and capacitor C27 to audio amplifier Q5. In the transmit mode, the +9-volt line is disconnected from the demodulator circuit by relay K3 (energized).

1-34. Audio Amplifier (fig. 6-10)

The audio amplifier circuit, which includes amplifier Q5 and class B push-pull amplifier Q6 and Q7, is operational during all three modes: receive, calibrate, and transmit. During the receive and calibrate modes, audio signals from the demodulator are routed through resistor R47 and capacitor C27 to the base of amplifier Q5. During the transmit mode, audio signals from the microphone amplifier are routed through coupling capacitor C46 and resistor R18 to the base of Q5. The output of the microphone amplifier is applied to the audio amplifier to permit the operator to monitor side tones of the message being transmitted. Biasing of Q5 is provided by bias resistors R19 and R20. Resistor R21 insures thermal stability of Q5. The output of Q5 is applied to the primary winding of transformer T-5, which supplies a double-ended output to drive push-pull amplifier Q6 and Q7. Capacitor C28 provides a negative feedback path to neutralize the internal positive feedback of Q5. Matched transistors Q6 and Q7 conduct on alternate half cycles. When Q7 conducts, current flows through diode CR4 and resistor R23, developing a cutoff bias for Q6. When Q6 conducts, current flows through diode CR5 and resistor R24, developing a cutoff bias for Q7. Capacitor C29 and resistor R22 provide a negative feedback path from the push-pull

circuit to Q5, providing additional stabilization of the circuit. The output of the audio amplifier circuits is routed through coupling capacitor C30 and feedthrough capacitor C8 and terminal board TB202, pin 1, to headset jacks J201 and J202 (not shown in fig. 6-10). Normal audio output is 1 milliwatt into a 500-ohm headset.

1-35. Microphone Amplifier (fig. 6-10)

The microphone amplifier includes three direct-coupled stages, Q8, Q9, and Q10.

The microphone amplifier receives audio signals from either a microphone or tone oscillator Q11. The voice signal is generated at a microphone and is routed through terminal board TB202, pin 9, feedthrough capacitor C5, inductor L6, and capacitor C32 to the base of Q8. When a telegraph key or automatic Keyer KY-468/GRA-71 is used, the output of tone oscillator Q11 is routed through resistor R36 and capacitor C32 to the base of Q8. The input circuit consists of low-pass filter C5, C31, and L6, termination resistor R25, and coupling capacitor C32. Resistor R27 and capacitor C33 provide degenerative feedback for stabilization. The output of Q8, developed across load resistor R26, is applied directly to the base of Q9. Emitter resistor R46 provides degenerative feedback, stabilizing Q9. The output of Q9 is developed across load resistor R29 and is applied directly to the base of Q10. Resistors R33 and R31 are voltage dropping resistors. Capacitor C34 decouples ac signals from the +9-volt line. The output of Q10 is developed across potentiometer R432. The output is routed to the audio amplifier and the balanced mixer. Potentiometer R432 provides a means for adjusting the audio level applied to the balanced mixer.

1-36. Balanced Mixer (fig. 6-10)

Balanced mixer Z1 mixes the audio signal

from the microphone amplifier with a 1,750-kc unmodulated signal from the frequency generator module. The audio signal is taken from the arm of audio level control R432 and coupled through capacitor C36 to pin 3 of Z1. The 1,750-kc signal is applied to connector J402 and routed to pin 4 of Z1. The output of Z1 is a double-sideband, suppressed-carrier signal of 1,750 kc. The output is taken from the arm of balance control R434 and routed through the contacts of relay K1 (energized) to IF preamplifier Q1. Control R434 provides a means for adjusting the carrier balance for a symmetrical double-sideband signal.

1-37. Tone Oscillator (fig. 6-10)

Tone oscillator Q11 generates a 2,000-cps tone when the telegraph key is pressed or when automatic Keyer KY-468/GRA-71 is in operation. The keying action grounds terminal board TB202, pin 6, which is connected to the junction of diode CR7 and resistor R42. The keying action also causes relay K3 to energize, disconnecting the +9-volt line to the IF amplifier. The frequency of oscillation is dependent on the values of tuned circuit L8, C37, C38, and C39. Regenerative feedback from the emitter is supplied through resistor R37. The feedback voltage is developed across resistor R40. Bias is provided by resistors R38, R39, and R41. Capacitor C40 functions as an ac bypass filter. Resistor R35 and diodes CR6 and CR7 form the oscillator disabling circuit. When the keying action stops, the oscillator disabling circuit immediately inhibits the tone oscillator. The output of the oscillator is taken from the junction of C38, C39, and R37 and routed through resistor R36 (AN/PRC-74B only) to the microphone amplifier circuit. In AN/PRC-74C resistor R36 is replaced by coupling capacitor C47 to eliminate transients due to microphone on/off keying.

Section VII. POWER AMPLIFIER MODULE ANALYSIS

1-39. General (fig. 6-11)

The power amplifier module performs two functions: During the transmit mode of operation, it provides final amplification for signals

1-38. Cw Hold Circuit (fig. 6-10)

The cw hold circuit, like the tone oscillator circuit, is operational during cw transmission only. When the telegraph key is pressed automatic Keyer KY-468/GRA-71 is operating, the junction of diode CR7 and R42 is grounded. This forward-biases Q12 and causes it to saturate. Saturation of Q12 forward-biases Q13 and causes it to saturate also. When Q13 saturates, the output of TB202, pin 5, is almost at ground potential. This near-zero voltage is routed to the power supply module and energizes the receive-transmit relay, thereby effecting a transmit mode condition in the radio set. When the telegraph key is released, there is a delay of approximately 1 second before the radio set returns to the receive mode. The time delay keeps the radio set in the transmit mode between letters, where the time lapse is short, but returns the radio set to the receive mode between words, where the time lapse is long. This permits the distant operator to interrupt the transmission between words. When automatic Keyer KY-468/GRA-71 is keying the radio set, the rate of transmission is 300 words per minute. Because of this rate, the time between words is short and the radio set remains in the transmit mode for the duration of the transmission. Biasing of Q12 is provided by resistors R43 and R42. Capacitor C41 and resistors R45 and R43 provide the time constant for the 1-second delay when the telegraph key is released. Resistor R44 serves as a voltage dropping resistor. Diode CR8 isolates the circuit during voice transmission when the receive-transmit relay in the power supply module is enabled by the microphone switch.

being transmitted; during the receive mode of operation, it provides a path for incoming signals to the RF module. The only circuit in the power amplifier module that is used in both the transmit and receive modes of operation is the antenna coupler circuit. The re-

maining circuits are operational only during the transmit mode. During the receive mode, the antenna coupler circuit and the antenna relay route the received rf signal to the RF module. During the transmit mode, the power amplifier module receives RF signals from the RF module, amplifies the signals, and routes them through the antenna coupler to the antenna. The power amplifier stages are untuned except for the antenna tuning and loading controls (ANT TUNE and ANT LOAD), which are adjusted to match the final amplifier impedance with that of the antenna. The power amplifier module contains the following circuits: preamplifier, power amplifier, tuning indicator, transmit level control, overload limiter, and antenna coupler.

1-40. Preamplifier Circuit

(fig. 6-11)

The preamplifier circuit, which includes Q1 through Q3, is a broadband amplifier, compensated to provide constant gain in the frequency range of 2 through 17.999 mc. The input signal at P801 is an RF signal from the RF module. First preamplifier stage Q1 is an impedance-matching, buffer amplifier. The input signal is coupled through coupling capacitor C1 to the base of Q1. Resistor R1 matches the impedance of the input source. Biasing for Q1 is provided by the overload limiter circuit and voltage divider resistors R2 and R3. The overload limiter circuit provides a constant voltage level unless the +40-volt line drops to +30 volts or less. When such an excessive drop occurs, the forward bias of Q1 decreases and the gain of the stage is reduced, resulting in an overall reduction of power for the power amplifier. The output of Q1 is developed across resistor R5 and is routed through coupling capacitor C3 to second preamplifier stage Q2. Stage Q2 base bias components consist of resistors R7 and R9 and diodes CR1 and CR2. Diodes CR1 and CR2 afford a low voltage source (approximately +1.5 volts) which is applied to the base of Q2 through resistor R7, and to the base of Q3 through resistor R10 and inductor L3. Capacitor C9 bypasses ac to ground, preventing interaction between the base of Q3 and the base of Q2. The pi filter,

consisting of L2, C7, and C10, prevents rf from entering the +9-volt enable line. The Q2 emitter bias circuit consists of resistor R8 and bypass capacitor C6. The output of Q2 is developed across inductor L1 and coupled through capacitor C5 to the base of third preamplifier stage Q3. In the base bias circuit of Q3, inductor L3 offers a low dc resistance path from the bias supply to the base; the RF impedance of L3 isolates the signal at the base. A negative feedback path consisting of R11 and C8 provides stability for the stage. Resistors R12 and R13 in the emitter circuit of Q3 form a voltage divider that supplies bias voltage to push-pull amplifier Q4 and Q5. Capacitors C11 and C12 bypass ac signals to ground. Inductor L4 and capacitor C13 form an rf decoupling network. The output of Q3 drives the primary of T1, supplying phase inversion for push-pull operation in the power amplifier circuit.

1-41. Power Amplifier Circuit

(fig. 6-11)

The power amplifier circuit is connected in a class B, push-pull configuration. Signals from the secondary winding of transformer T1 are applied to final drive transistors Q4 and Q5, amplified, and applied to the primary winding of transformer T2. The bias voltage for Q4 and Q5 is obtained from the voltage divider in the emitter circuit of Q3. The slight forward-biasing supplied by R12 and R13 is supplemented by a small voltage through R19 to reduce crossover distortion in the push-pull amplifier. Capacitor C14 provides a negative feedback path to the primary of T1, insuring stability at the higher frequencies. Resistors R15 and R16 provide thermal stability. Capacitors C15 and C28 bypass RF signals to ground. Inductance L8 is used as a rf choke to increase stability of push-pull amplifier Q4 and Q5. The output is applied to the primary of transformer T2 and routed to the tuning indicator circuit.

1-42. Tuning Indicator Circuit

(fig. 6-11)

The tuning indicator circuit supplies current to the ANT IND meter, which indicates the degree of impedance match existing between the antenna coupler and the final amplifying stage of the power amplifier. A maximum deflection of the ANT IND meter needle indi-

icates optimum impedance match; a minimum deflection indicates impedance mismatch. In addition to serving as an impedance matching indication, the meter reading is also a rough indication of power output. The tuning indicator circuit consists of diodes CR4 and CR3, resistors R21 through R25, capacitors C19 through C23, and inductor L6. Basically, the tuning indicator circuit consists of two dc supplies and an impedance bridge. One dc supply produces a constant, positive, 1-milliamperere (ma) current. The other dc supply produces a negative current, the magnitude of which is dependent on the imbalance of the impedance bridge. When the impedance bridge is balanced, the negative current source supplies no current and the positive 1-ma current causes a maximum deflection on the ANT IND meter. When the impedance bridge is not balanced, the negative current source cancels the output of the positive current source, resulting in a low indication on the ANT IND meter. The positive dc supply consists of capacitors C21 and C22, diode CR4, and resistor R25. RF signals are applied to C21 from the secondary winding center tap of transformer T2. The RF signal is coupled through C21 and rectified by CR4, producing a +36-volt level. Resistor R25 limits the current to 1 ma. Capacitor C22 bypasses ac signals to ground. The impedance bridge consists of capacitors C19 and C23 on one leg, and resistors R21, R22, and R23 and antenna coupler L807 on the other leg. When the voltages across the antenna coupler and C23 are unequal, the antenna coupler impedance is not equal to that of the final amplifying stage of the power amplifier; when the voltages are equal, the impedances are matched. The negative dc supply consists of capacitor C20, diode CR3, inductor L6, and resistor R24. Diode CR3 and capacitor C20 connect the two legs of the impedance bridge. When an impedance imbalance exists between the junction of the two legs, the RF voltage is coupled through C20 and rectified by CR3, producing a negative dc voltage. Resistor R24 limits the current, and inductor L6 provides a dc path for the output of the negative dc supply.

1-43. Antenna Coupler Circuit (fig. 6-11)

a. General. The antenna coupler circuit is capable of matching a wide range of antenna impedances to either the power amplifier or the RF module. When the radio set is used in both the transmit and receive modes, the antenna is matched to the final amplifying stage of the power amplifier module. When the radio set is used in the receive mode only, the antenna is matched to the input stage of the RF module. The antenna coupler circuit consists of ANT connector J203, ANT LOAD switch S801, tapped coil L807, ANT TUNE control C825, and antenna relay K1.

b. Receive Mode Operation. During the receive mode of operation, RF signals intercepted by the antenna are coupled through ANT connector J203 to tapped coil L807. ANT LOAD switch S801 is an 18-position, front panel selector switch which selects one of the taps on L807. The ANT LOAD switch and ANT TUNE capacitor C825 are adjusted to provide optimum matching between the antenna and the RF module. The received signal is routed through antenna relay K1 (deenergized) to RF connector P802.

c. Transmit Mode Operation. During the transmit mode of operation, an amplified RF signal from the power amplifier circuit is routed through the tuning indicator circuit, through relay K1 (energized), and then applied to C825 and L807. The ANT LOAD switch and ANT TUNE control are adjusted for a maximum RF output as indicated on the front panel ANT IND meter.

1-44. Transmit Level Control Circuit (fig. 6-11)

The transmit level control circuit monitors the current being drawn by final power amplifying stage Q4 and Q5. The transmit level control output is routed to the gain control circuit (para 1-54, 1-55), which controls the gain of the RF module (para 1-21 through 1-28). The RF module output signal is then applied to the input of the power amplifier module. The gain of the transmit RF stages is thereby

stabilized by the transmit level control circuit and gain control circuit. The transmit level control circuit consists of resistors R17, R835, R18, and R20; inductor L5; capacitors C17 and C18; transistor Q6; and Zener diode VR3. Current drawn by Q4 and Q5 is routed through R18. Changes in the voltage across R18 are detected by Q6, applied to VR3, and routed to the gain control circuit. When the power amplifier output is high, the RF module gain is made lower, resulting in a small signal at the input of the power amplifier. Conversely, small power amplifier outputs result in higher RF module gain, and large input signals to the power amplifier. Inductor L5 and capacitor C17 prevent RF signals from affecting Q6. Resistor R835 initially is adjusted so that the collector voltage of Q6 is +21.5 volts. Zener diode VR3 (18 volts) drops the collector voltage before applying it to the gain control circuit. Diode VR3 also provides thermal compensation, offsetting the reaction of Q6 to thermal changes. Capacitor C18 bypasses RF signals to ground.

1-45. Overload Limiter Circuit

The overload limiter circuit consists of Zener diode VR1 resistor R4, and capacitors C2 and C16. The +40-volt supply output is applied to resistor R4 and Zener diode CR1 (27 volts).

Capacitors C2 and C16 bypass RF signals to ground. If the +40-volt supply fluctuations are small, the overload limiter circuit will provide first preamplifier stage Q1 with a constant bias voltage. When final power amplifying stage Q4 and Q5 is improperly loaded, excessive current is drawn from the +40-volt supply. The current limiter circuit in the +40-volt regulator (para 1-53) then reduces the output of the +40-volt supply to approximately +30-volts. This reduction in voltage decreases the forward bias of Q1

resulting in a smaller drive signal to Q4 and Q5. Consequently, the current requirements of Q4 and Q5 are reduced to a lower level. For efficient operation of the radio set, the antenna coupler circuit must be tuned so that Q4 and Q5 are properly loaded.

Section VIII. FREQUENCY GENERATOR MODULE ANALYSIS

1-46. General (fig. 6-12)

The frequency generator module generates a 1,750-kc signal for the modulation and demodulation circuits in the IF audio module, and a 10-kc calibration signal for the RF module when the radio set is being calibrated. To perform these functions, the frequency generator module contains a 1,750-kc frequency standard and a frequency divider chain. The frequency standard is a sealed unit which generates an extremely accurate 1,750-kc IF signal. The frequency divider is energized only in the receive calibrate mode; the 1,750-kc signal is divided into three stages to produce a 10-kc fundamental calibration signal.

1-47. Frequency Standard (fig. 6-12)

The frequency standard generates a 1,750-kc

signal during all three modes of operation. The output is routed to resistor R11 of the frequency divider and to the IF audio module. The output frequency is 1,750-kc \pm 1.0 cps at a level of 1 volt root mean square (rms).

1-48. Frequency Divider (fig. 6-1)

The frequency divider consists of amplifier Q11, 250-kc frequency divider Q12, 50-kc frequency divider Q13, and 10-kc frequency divider Q14. The 1,750-kc output signal of the frequency standard is amplified by amplifier Q11 to drive 250-kc frequency divider (blocking oscillator) Q12, which divides the 1,750-kc signal by 7. The 250-kc frequency divider output is then applied to another blocking oscillator, 50-kc frequency divider Q13, which divides the 250-kc signal by 5. The 50-kc frequency divider output is then applied to 10-

kc frequency divider Q14, where it is again divided by 5 to produce the 10-kc calibration signal which is supplied to the RF module.

a. Amplifier Q11. Amplifier Q11 is an emitter follower driver circuit used to drive 250-kc frequency divider blocking oscillator Q12 and is also an impedance matching stage between the frequency standard and the frequency divider. When the PUSH TO CALIBRATE switch is pressed during the calibrate mode of operation, a -12-volt calibrate input is applied to the frequency divider, enabling the frequency divider circuits. The 1,750-kc signal from the frequency standard is supplied to the base of amplifier Q11. Impedance matching network C17 and R32 provides for optimum transfer of signal from the rf oscillator to amplifier Q11. Base bias for Q11 is developed by voltage dividing network R12 and R13. Emitter bias is provided by resistor R14. Diode CR11 limits the negative portion of the 1,750-kc signal output of Q11 so that only positive-going pulses are applied to the 250-kc frequency divider.

b. 250-Kc Frequency Divider Q12. The 250-kc frequency divider is adjusted so that every seventh pulse of the 1,750-kc input signal from amplifier Q11 causes the blocking oscillator circuit of Q12 to trigger. The frequency at which the 250-kc frequency divider will operate is controlled by the rc time constant of 250-kc adjust potentiometer R515, resistor R16, capacitor C11, resistor R14, and 250-kc frequency divider Q12 tank circuits. The rc time constant is varied by 250-kc adjust R515, which changes the rate at which C11 will charge. Inductor L11 and capacitor C12 form a tank circuit, tuned to 625 kc, which oscillates each time Q12 is pulsed. As a result of the rc time constant of C11, R515, L11, and C12, the emit-

ter voltage of Q12 rises rapidly every seventh cycle (pulse) of the 1,750-kc input. A 250-kc signal is developed as a result of Q12 collector-to-base circuit interaction and the regenerative feedback across blocking oscillator transformer T11. Diode CR12 reduces secondary oscillations in the tertiary winding by providing a direct short for self-induced voltages in the secondary of transformer T11. The output from the secondary winding of T11 is applied to the primary of the 50-kc frequency divider blocking oscillator transformer T12.

c. 50-Kc Frequency Divider Q13. The 50-kc frequency divider is a blocking oscillator which divides the 250-kc frequency divider output by 5 to produce a 50-kc output. The 50-kc frequency divider is similar to the 250-kc frequency divider. The principal difference is that the 50-kc frequency divider base circuit of Q13 does not have a tank circuit such as the 250-kc frequency divider. The 50-kc signal output of the divider is adjusted by 50-kc adjust potentiometer R520.

d. 10-Kc Frequency Divider Q14. The 10-kc frequency divider divides the 50-kc frequency divider output by 5. The 10-kc adjust potentiometer R525 adjusts the output frequency of Q14. The output signal is the 10-kc calibration signal supplied through P502 to RF module input jack J701.

e. Plus 6.8-Volt Regulator. The +12-volt calibrate voltage is available when the PUSH TO CALIBRATE switch on the radio set front panel is pressed. Voltage regulation is provided by Zener diode CR15 (6.8 volts) and series resistors R30 and R31. Capacitors C15 and C16 filter the regulated voltage.

Section IX. POWER SUPPLY MODULE ANALYSIS

1-49. General

(fig. 6-13)

The power supply module furnishes regulated dc power to the modules of the radio set. The outputs from the power supply module are different for the receive and transmit modes of operation. During the receive mode of operation, the power supply module provides +12

volts and +9 volts to the radio set. During the transmit mode of operation, the power supply module provides +12-volt transmit, +40 volts, and +9 volts to the radio set. The power input to the power supply module is controlled by the front panel OFF-ON-TUNE function switch. Power is applied to the power supply circuits only when the switch is in either ON or TUNE position.

1-50. Plus 9-Volt Regulator (fig. 6-13)

The +9-volt regulator receives +12 volts power from the front panel OFF-ON-TUNE function switch. The base of transistor Q5 is held at +9 volts because of the Zener action of Zener diode CR8. This holding action causes the emitter voltage to remain at +9 volts regardless of load or source fluctuation. Diode CR7 is a temperature compensation diode for Q5. During the transmit mode of operation, the load is heavy and the battery voltage may decrease. This condition may cause the base voltage of Q5 to decrease beyond the capabilities of CR8. To offset this condition, the +40-volt transmit is connected through R7 to CR8, keeping the base of Q5 at +9 volts. As a result of this action, the +9-volt enable will remain constant. Varistor R6 also decreases in resistance as the battery voltage decreases, which helps in maintaining a constant current through CR8.

1-51. Receive-Transmit Relay (fig. 6-13)

Receive-transmit relay K1 is energized when a ground appears on pin 1 of terminal board TB201 (fig. 6-1). During the transmit mode of operation, relay K1 is energized and couples +12-volt power from the function switch to the +40-volt regulator and dc-to-dc converter, in addition to delivering the +12-volt transmit voltage to other relays and circuits in the radio set. The +12 volts is supplied to PUSH TO CALIBRATE switch S202 only during the receive mode of operation by K1. As a result, it is impossible for the radio set to be calibrated while transmitting. Diode CR6 removes the transient surge caused by the collapsing field when K1 is deenergized.

1-52. Dc-to-Dc Converter (fig. 6-13)

The dc-to-dc converter changes the +12 volts

dc supplied by the PP-4514/PRC-74 to a high voltage required by the power amplifier module during the transmit mode of operation.

a. Oscillator. Transistors Q1 and Q2 are arranged as a saturable-core square wave oscillator. The +12-volt input is applied through fuse F1, low-pass filter L1 and C1, energized contacts of relay K1, to the emitters of Q1 and Q2. Base bias is provided by resistors R1 and R2 with bypass capacitor C6. Collector-to-base regenerative feedback is accomplished by the induced voltage in the secondary of transformer T1 (connected to the base). The oscillator output is coupled to a rectifier through the secondary of T1.

b. Rectifier. The input from the T1 secondary is applied to diodes CR1 through CR4. The diodes are connected as a full-wave bridge rectifier. The +46-volt output from the rectifier is filtered by capacitors C1 through C3 and then is applied to the +40-volt regulator.

1-53. Plus 40-Volt Regulator (fig. 6-13)

Transistor Q3 is part of a series regulator circuit controlled by transistor Q4. The base of Q4 is regulated by Zener diodes CR5 and CR9. Base bias for Q6 is developed across resistor R5. Capacitor C4 acts as a filter, and varistor R3 minimizes voltage variations resulting from temperature changes. Transistor Q6 is a current limiter and functions as follows:

a. When the voltage drop across resistor R5 becomes great enough to cause Q6 to conduct, the change in current drawn by the collector of Q6 causes the voltage at the emitter of Q4 to decrease.

b. As the voltage at the emitter of Q4 is lowered, the output voltage decreases.

c. As the output voltage decreases, the load current decreases.

Section X. GAIN CONTROL CIRCUITS ANALYSIS

1-54. General (fig. 6-14)

The components of the gain control circuits are

mounted on chassis-mounted parts board TB203. Figure 6-14 is a schematic diagram of the gain control circuit.

1-55. Circuit Analysis (fig. 6-14)

a. The voltage divider circuit formed by potentiometer R206 and resistors R7 and R8 provides gain control bias voltages for the RF module. The voltage divider circuit formed by potentiometer R210 and resistors R9 and R11 provides gain control bias for the IF audio module. Potentiometer R201 (R. F. GAIN control, fig. 6-1) provides a means of adjusting the receiver gain adjust voltage applied to the base of transistor Q4.

b. The bias voltage developed across the RF and IF gain control circuits may be adjusted by either the receiver gain adjust input or the transmit level control input. Transistors Q1 and Q2 are in the transmit level control circuit, and transistors Q3 and Q4 are in the receiver gain adjust circuit. Gain is reduced when the R. F. GAIN control is adjusted to increase the forward bias of Q4. When Q4 conducts, the emitter voltage is raised. Diode CR1 or CR2 conducts if the emitter voltage of Q4 becomes higher than the output voltage of either the RF maximum gain adjustment circuit or the IF maximum gain adjustment circuit. The RF and IF gain control voltages supplied to the IF audio and RF modules are positive (forward-biasing) voltages.

c. During the calibrate mode of operation, maximum forward bias is applied to the base of transistor Q3 through resistor R3. With maximum conduction through Q3, the base of Q4 is brought to near ground potential. This action insures that gain is at maximum dur-

ing the calibrate mode regardless of the receive gain adjust input.

d. During the transmit mode of operation, maximum forward bias is supplied to the base of transistor Q3 through resistor R2. With maximum conduction through transistor Q3, the base of Q4 is brought to nearly ground potential. The +12-volt potential applied to the base of Q3 is also supplied through resistor R15 to the collectors of transistors Q1 and Q2 and activates the transmit level control circuit during the transmit mode of operation. When the output of the power amplifier module reaches the proper amplitude, a positive voltage appears at the transmit level control (tlc) input. This positive input voltage is applied through voltage divider network R12 and R13 to the base of Q1. Capacitor C10 is an RF ground. When Q1 is biased for conduction, Q2 also conducts. When Q2 conducts, its emitter voltage is raised. Diode CR1 or CR2 conducts if the emitter voltage of Q2 becomes higher than the output voltage of either the RF maximum gain adjustment circuits or the IF maximum gain adjustment circuit. Either one, or both, of the diodes may conduct. Capacitor C13 bypasses rf signals to ground.

e. Potentiometer R835 (power amplifier module, fig. 6-11) is adjusted so that the gain control circuits stabilize when the transmitter output power is approximately 15 watts. Transistor Q1 (fig. 6-14) provides a charge source for capacitor C9. As the tlc voltage drops, C9 discharges slowly through resistor R14 and transistor Q2.

Section XI. POWER SUPPLY PP-4514/PRC-74 ANALYSIS

1-56. General (fig. 6-15)

The PP-4514/PRC-74 provides dc voltages to the radio set power supply module when the radio set is connected to commercial or battery power at a fixed station. In addition, the unit is capable of recharging the wet battery that powers the radio set when it is man-carried.

1-57. PP-4514/PRC-74 Circuit Analysis (fig. 6-15)

a. *General.* The power supply subassembly is capable of converting 21- to 31-volt dc, 80- to 130-volt ac, and 160- to 255-volt ac external power inputs into a dc voltage suitable to power the radio set. Only one of the three inputs is provided at a time to the PP-4514/PRC-74 by connecting one of three appro-

appropriate accessory cables to jack J1. Dc power inputs from a remote source are applied directly to the PP-4514/PRC-74 regulator circuits. Ac power inputs are rectified to dc prior to being regulated. The power supply subassembly, in conjunction with circuits on the assembly case, provides for conversion of the dc or ac voltages into a dc power input for the radio set.

b. Power Turn-On and Protection Circuits.

The power turn-on and protection circuits of the PP-4514/PRC-74 consist of POWER ON switch S1 and fuses F1 through F3. POWER ON switch S1 is a four-pole, single-throw toggle switch. The ac or dc power inputs to the switch are connected to S1 through filter capacitors C1 through C5 on the module case assembly. The switch section of S1 that is connected to the dc power input of +21 to +31 volts dc routes the voltage through 15-ampere fuse F1 to the +12-volt regulator circuit and the battery charger. The sections of S1 that receive 80- to 130-volt ac and 160- to 255-volt ac inputs from the filter capacitors supply line voltage through 2-ampere protection fuse F2 and 4-ampere protection fuse F3, respectively, to a bridge rectifier circuit consisting of power transformer T1 and diodes CR1 through CR4 on the module case assembly. The rectifier converts the ac voltage input to +20 to +40 volts. The output of the rectifier is routed to the inputs of the +12-volt regulator circuit and the external battery charger. The dc return lines of the dc input and the rectifier circuit are connected to the switching regulator stages of the +12-volt regulator and external battery charger.

c. Plus 12-Volt Regulator Circuit. The +12-volt regulator circuit of the PP-4514/PRC-74 consists of switching regulator Q5 and Q1, regulator control transistors Q2 and Q4, fuse F4, short protection switch Q3, overload protector Z1, and voltage reference diode CR5. Power indicator DS1 indicates the presence of a dc power input to the PP-4514/PRC-74. The +12-volt regulator circuit is series regulated. Increases or decreases in output load cause current to increase or decrease across output load resistors R6 and R9 of the power supply, which are connected to the base

of Q4. The emitter of Q4 is connected to voltage reference diode CR5, which is a 6.2-volt breakdown device. With the Q4 emitter connected to a fixed reference, any increase or decrease in the voltage at the base of Q4 will cause its conduction to change. With an increase in output load, current increases through the power supply load, causing a higher negative voltage to be developed at the base of Q4. With a high negative potential at the base of Q4, conduction through Q4 increases, causing the base of Q2 to become more positive. With its base voltage increased, Q2 conducts, short-circuiting the emitter of Q5 to the base of Q1 through Q2, causing Q1 and Q5 to turn off. Clamping diode CR2 between the emitter and base of Q2 prevents emitter to base breakdown of Q2. Resistor R17 between the emitter and base of Q5 holds the base slightly positive to insure complete turnoff. With Q5 and Q1 off, the supply voltage drops sharply toward 0 volt, causing Q4 to be biased Off. Since short protection switch Q3 conducts at all times (except during a short-circuited condition at the supply output), the switching regulator is biased on again and the same switching action occurs. The switching action depends on the input dc level and output load conditions. Short protection switch Q3 protects the regulator circuit from damage by removing positive voltage from the base of switching regulator Q1. A short circuit at the PP-4514/PRC-74 places the emitter bias at a higher level than the base, causing Q3 to turn off. Overload protector Z1 protects the PP-4514/PRC-74 from high overload conditions. Capacitor C2 across the output line acts as a load to prevent the PP-4514/PRC-74 from shutting off when the rt unit is turned off.

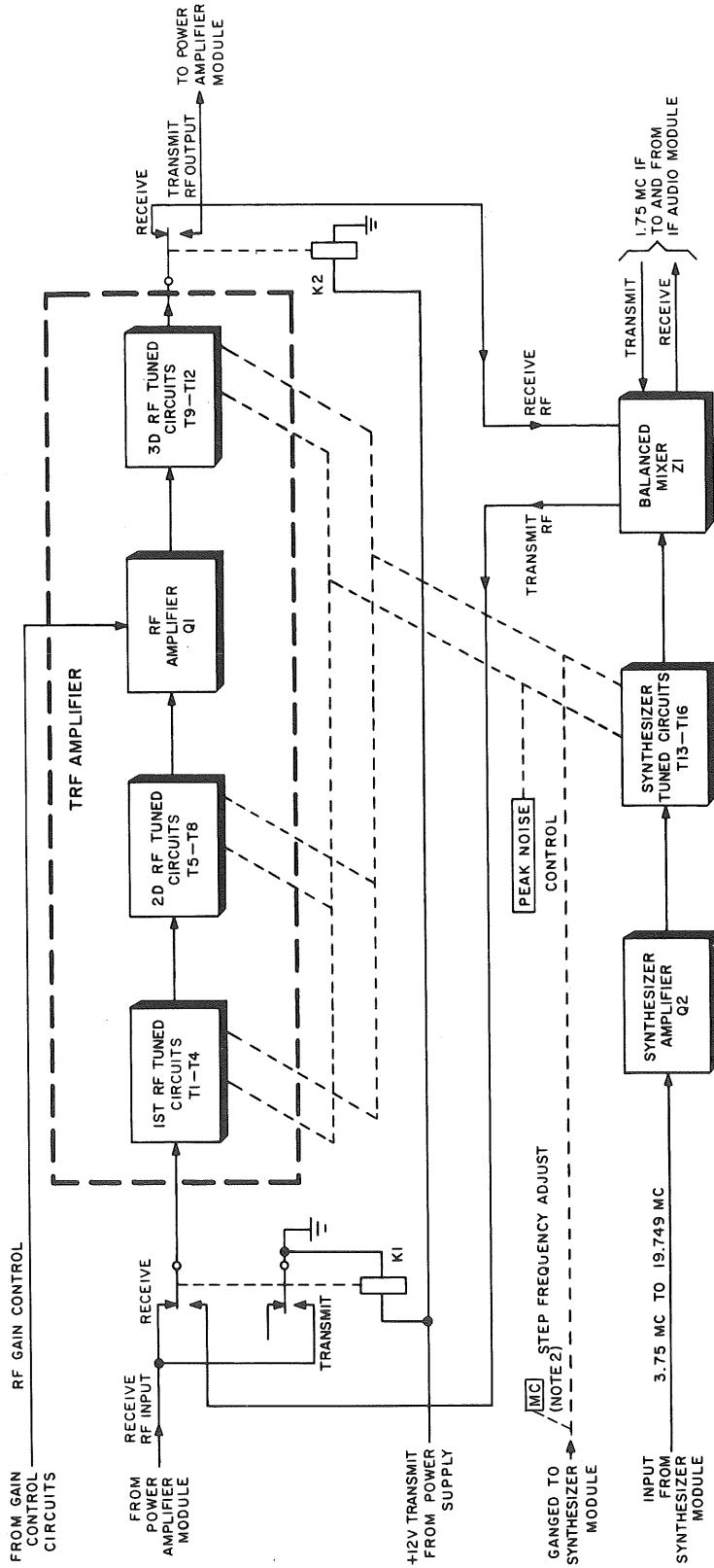
d. Meter Monitoring Circuit. A front panel METER switch and meter provide for monitoring battery voltage (BATTERY VOLTS), radio voltage (RADIO VOLTS), and charging current (CHARGE AMPS). Meter M1 is a 0.1-volt dc meter with inputs selected by METER switch S2.

1-58. Battery Charger
(fig. 6-15)

Operation of the battery charger is similar to that of the power supply subassembly except for minor circuit

differences. Resistor R14 and capacitor C5 make up a rc network with correct time constant for positive starting under all load conditions. The battery charger utilizes CHARGING CURRENT potentiometer R11 as a bias control for the base of transistor Q4. The CHARGING

CURRENT potentiometer provides minimum to maximum adjustment of battery charging current from 1 to 5 amperes. On PP-4514A/PRC-74 the anode of CR4 connects directly to B+ allowing meter M1 to monitor only that charging current supplied to the wet battery.



TM5820-590-35-1-C1-1

Figure 1-1. RF module block diagram.

- NOTES:
1. INDICATES EQUIPMENT MARKING.
 2. AN/PRC-74C EQUIPMENT MARKED IN HERTZ (Hz) INSTEAD OF CYCLES (C).

CHAPTER 2

DIRECT SUPPORT MAINTENANCE

Section I. TROUBLESHOOTING

2-1. General Instructions

The direct and general support maintenance procedures in this manual supplement the procedures described in the operator's and organizational maintenance manual (TM 11-5820-590-12-1). The systematic troubleshooting procedure, which begins with the operational and sectionalization checks that can be performed at the operator's and organizational maintenance category, is carried to the higher maintenance categories in this manual. Sectionalizing, localizing, and isolating techniques used in the troubleshooting procedures are more advanced. Paragraphs 2-1 through 2-10 provide functional troubleshooting procedures, and paragraphs 2-11 through 2-17 provide repair instructions to be performed by direct support maintenance personnel.

2-2. Organization of Troubleshooting Procedures

a. General. The first procedure in servicing a defective radio set is to sectionalize the fault. Sectionalization means tracing the fault to a major component. The second procedure is to localize the fault. Localization means tracing the fault to a defective stage or part responsible for the abnormal condition. Some faults, such as burned-out resistors, arcing, and shorted transformers, can often be located by sight, smell, and hearing. The majority of faults, however, must be isolated by voltage measurements or signal substitution.

b. Sectionalization. The following is a group of tests arranged to reduce unnecessary work and to aid in tracing trouble in a defective radio set. The first procedure is to locate the

unit or units at fault by the following methods:

(1) *Visual inspection.* Visual inspection locates obvious defects without testing or measuring circuits.

(2) *Operational tests.* Operational tests frequently indicate the general location of trouble. In many instances, the tests will help in determining the exact nature of the fault. Operating procedures are given in chapter 3, TM 11-5820-590-12-1.

c. Localization. After the trouble has been sectionalized (*b* above), the methods in (1) and (2) below will aid in localizing the trouble to a stage or module in the suspected unit. Test equipment indications, or lack of indications, and operational checks (para 2-4 through 2-10) provide a systematic method of localizing trouble to a stage or module. The trouble symptoms listed in the module troubleshooting procedures provide additional information for localizing troubles.

d. Isolation. After the trouble has been localized (*c* above), the methods in (1) and (2) below will aid in isolating the trouble to a defective circuit element.

(1) *Voltage measurements.* This equipment is transistorized. When measuring voltages, use tape or sleeving (spaghetti) to insulate the entire test prod, except for the extreme tip. A momentary short circuit can ruin the transistor. Use the same or equivalent multimeter specified (para 2-3).

(2) *Intermittent troubles.* In all the tests, the possibility of intermittent troubles should not be overlooked. If present, this type of trouble often may be made to appear by tap-

ping or jarring the equipment. Make a visual inspection of the wiring and connections to the units of the set. Minute cracks in printed circuit boards can cause intermittent operation. A magnifying glass is often helpful in locating defects in printed boards.

2-3. Test Equipment Required

Caution: This equipment contains transistor circuits. If any equipment item does not have an isolation transformer in its power supply circuit, connect one in the power input circuit. Observe the following:

1. Never connect test equipment (other than multimeter outputs) directly to a transistor circuit; use a coupling capacitor.

2. Make test equipment connections with care so that short circuits will not be caused by exposed test equipment connections. Tape or sleeve (spaghetti) test prods or clips as necessary to leave as little exposed as needed to make contact to the circuit under test.

3. Make sure that a normal load (such as a headset) is connected to the radio set before applying power.

4. Do not operate the radio set in the transmit condition unless an antenna or a dummy load is connected to the ANT and GND terminals.

The following test equipment is authorized to direct support personnel for troubleshooting the radio set.

a. R. F. Signal Generator Set AN/URM-25D (signal generator) (two required).

b. Counter, Electronic Digital Readout AN/USM-207 (frequency meter).

c. Multimeter ME-26B/U.

d. Multimeter TS-352B/U (multimeter).

e. Voltmeter, Electronic ME-30B/U.

f. Power Supply, Hewlett-Packard HP6439A (power supply).

g. Tool Kit, Electronic Equipment TK-100/G.

h. Tool Kit, Electronic Equipment TK-105/G.

i. Resistor, 500 ohms, 1/2 watt.

j. Dummy load, 50 ohms, 20 watts.

k. Hewlett-Packard TEE Connector No 11042A (T-connector).

l. Attenuator, Variable CN-796/U (variable attenuator).

m. Use Power Supply PP-4514/PRC-74 (or equivalent) as the power source during troubleshooting procedures. Connect the power supply to jack J301 on the radio set. Figures 2-2 and 2-4 show the method of connection if an alternate power supply is used.

n. When an extra, aligned frequency synthesizer module is available, use the extra frequency synthesizer module in place of a signal generator to supply the necessary signals.

2-4. Radio Set Receive Mode Test

(fig. 2-1 and 2-2)

The troubleshooting test in *a* through *m* below will aid the repairman in determining that the radio set is functioning properly in the receive mode. The radio set case must be removed to gain access to adjustments.

a. Remove the radio set case (para 2-12).

b. Connect the signal generator to a variable attenuator. Set the variable attenuator to 20 decibels (db). Then connect the variable attenuator to the ANT and GND terminals of the radio set (fig. 2-2).

c. Set the signal generator to 2.001 mc at an output level of 7.0 microvolts (uv).

d. Connect the audio dummy load to pins A and B of J201.

e. Connect the ME-30B/U across the load.

f. Connect the AN/USM-207 across the dummy load. Set the controls for a 1,000-cps reading.

g. Connect the power supply to pins 2, 3 and 5, 6 of J301.

h. Set the radio set frequency selector con-

trols to 2.000 mc. Set the OFF-ON-TUNE control to ON.

i. Turn the R. F. GAIN control fully clockwise, and adjust the PEAK NOISE control for maximum audio output. If necessary, tune the signal generator so that an output of 1 kc is shown on the frequency meter.

j. Adjust the ANT TUNE and ANT LOAD controls for maximum audio output.

k. Adjust resistors R206 and R210 (fig. 2-1) for maximum output. Adjust T717 for maximum output. Check for an ME-30B/U meter indication of not less than 0.707 volt rms.

l. Repeat the procedures in *h* through *j* above with the radio set tuned to frequencies of 4.000, 7.000, 12.000, and 17.000 mc and the signal generator tuned to 4.001, 7.001, 12.001, and 17.001 mc for each frequency.

m. Check for a meter reading of not less than 0.707 volt rms at each frequency setting. If the indication is less than 0.707 volt rms for any of the frequency settings, the radio set is not functioning properly in the receive mode and further testing is required to isolate the defective module (para 2-6).

2-5. Radio Set Transmit Mode Test

Many circuits in the radio set are common to both the transmit and receive modes; therefore, when the transmitter is not working properly, the radio set should first be checked as described in paragraph 2-4 before performing the transmitter test in *a* through *h*.

a. Connect a 50-ohm, 20-watt dummy load and the ME-30B/U to the opposite ends of a T-connector.

b. Connect the T-connector as illustrated in figure 2-2.

c. Tune the radio set to 11.555 mc as described in TM 11-5820-590-12-1.

d. Hold the OFF-ON-TUNE selector switch at the TUNE position.

e. Adjust resistor R835 (fig. 2-3) until the unmodulated output power (as indicated on the ME-30B/U) is 25.5 volts rms.

f. Connect the microphone to one of the AUDIO connectors.

g. Speak or whistle into the microphone and check for power output peaks of 24.5 to 37 volts on the ME-30B/U.

h. Repeat the procedures in *e* through *h* above with the radio set tuned to frequencies of 2.000, 4.000, 7.000, 12.000, and 17.000 mc. Check for a continuous wave output power of not less than 24.5 volts rms at all test frequencies and modulated power output peaks of 24.5 to 37 volts. If the meter indications are not within the range specified, the radio set is not functioning properly in the transmit mode and further testing is required to isolate the defective module (para 2-7).

2-6. Receiver Troubleshooting

(fig. 2-1)

With test equipment connected as shown in figure 2-2 (receive), turn the radio set on and perform the checks in *a* through *d*.

Note. Unless otherwise stated, restore all module inter-connections at the conclusion of each test.

a. Power Supply Module. Use Multimeter TS-352/U, and check the radio set power supply module as follows:

(1) Connect the multimeter between pins 7 and 8 of TB201.

(2) Check to see that the multimeter indicates between 8.4 to 9.6 volts.

(3) If this indication is not obtained, the power supply module is defective. Replace the power supply module (para 2-12).

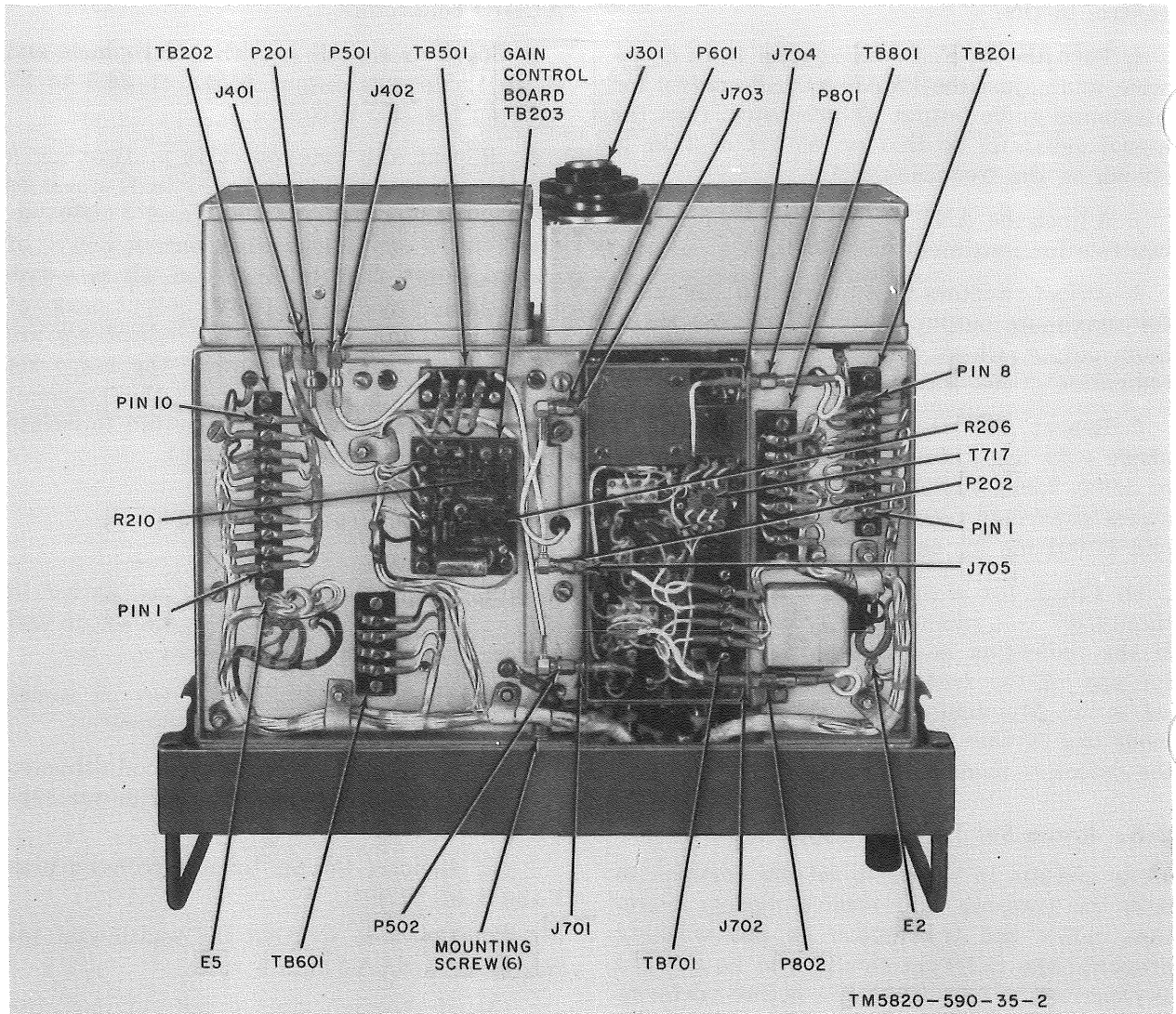
b. Frequency Synthesizer. Check receiver sensitivity; use the AN/URM-25D in place of the frequency synthesizer.

(1) Disconnect P601 from J703 of the RF module.

(2) Connect the signal generator to J703.

(3) Set the signal generator frequency to 1.750 mc above the radio set frequency setting (as indicated on the front panel).

(4) Set the signal generator output level to 100 millivolts (mv).



TM5820-590-35-2

Figure 2-1. Radio set, bottom view, case removed.

(5) If the audio voltage as measured on the ME-30B/U (fig. 2-2) is 0.707 volt rms or greater with this arrangement, the frequency synthesizer is defective. Replace the frequency synthesizer (para 2-12). If no voltage is measured, proceed to *c* below.

c. Rf Module. Check the RF module as follows:

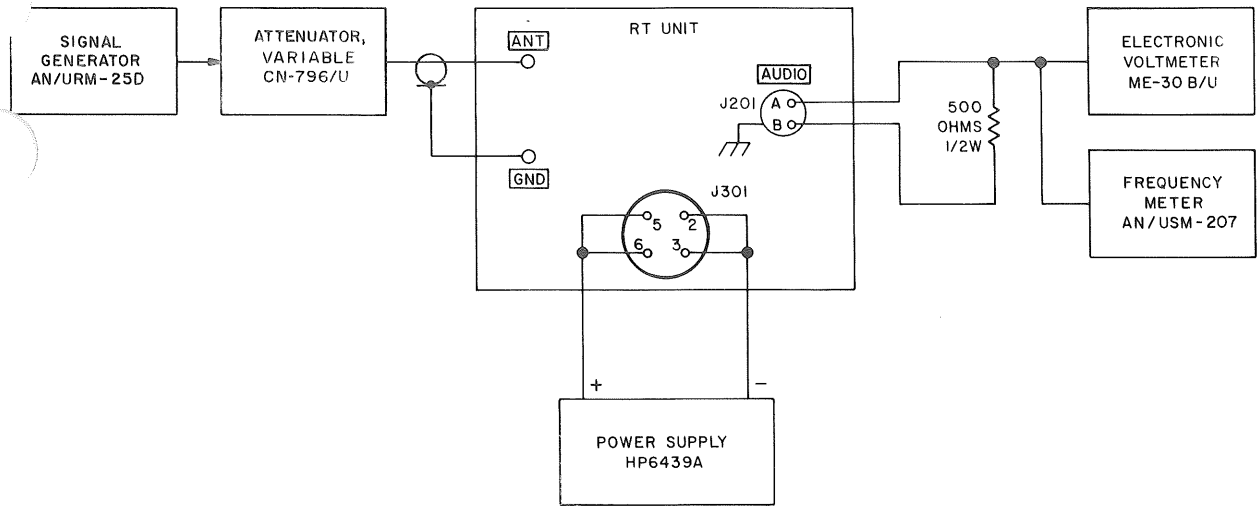
- (1) Disconnect P201 from J401 of the IF module.
- (2) Connect the AN/URM-25D to J401.

(3) Set the signal generator frequency to 1.749 mc.

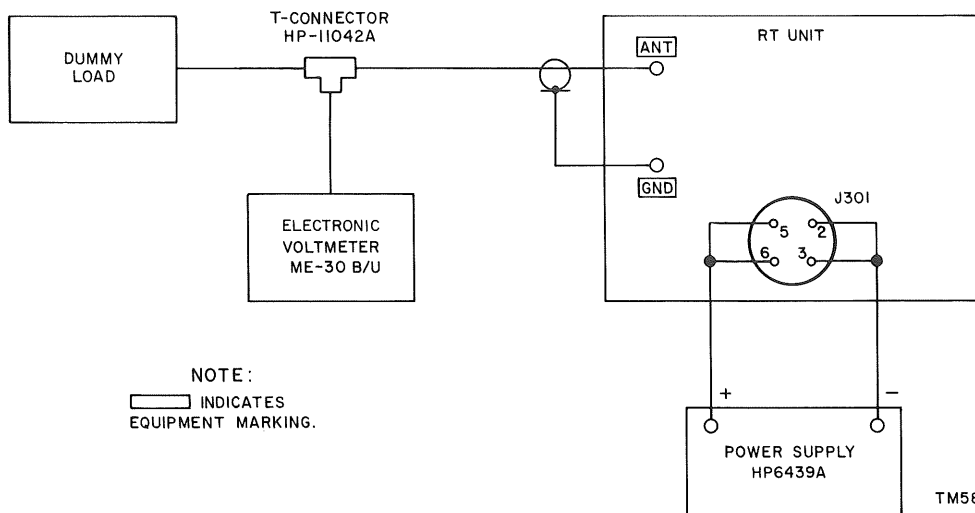
(4) Set the signal generator output level to 30 microvolts.

(5) If the audio voltage (as measured on the ME-30B/U) is greater than 0.707 volt rms the RF module is defective. Replace the RF module (para 2-12). If no voltage is measured, proceed to *d* below.

d. IF Audio and Frequency Generator. Check the IF audio and frequency generator; use two AN/URM-25D's (or equivalent).



A. RECEIVE

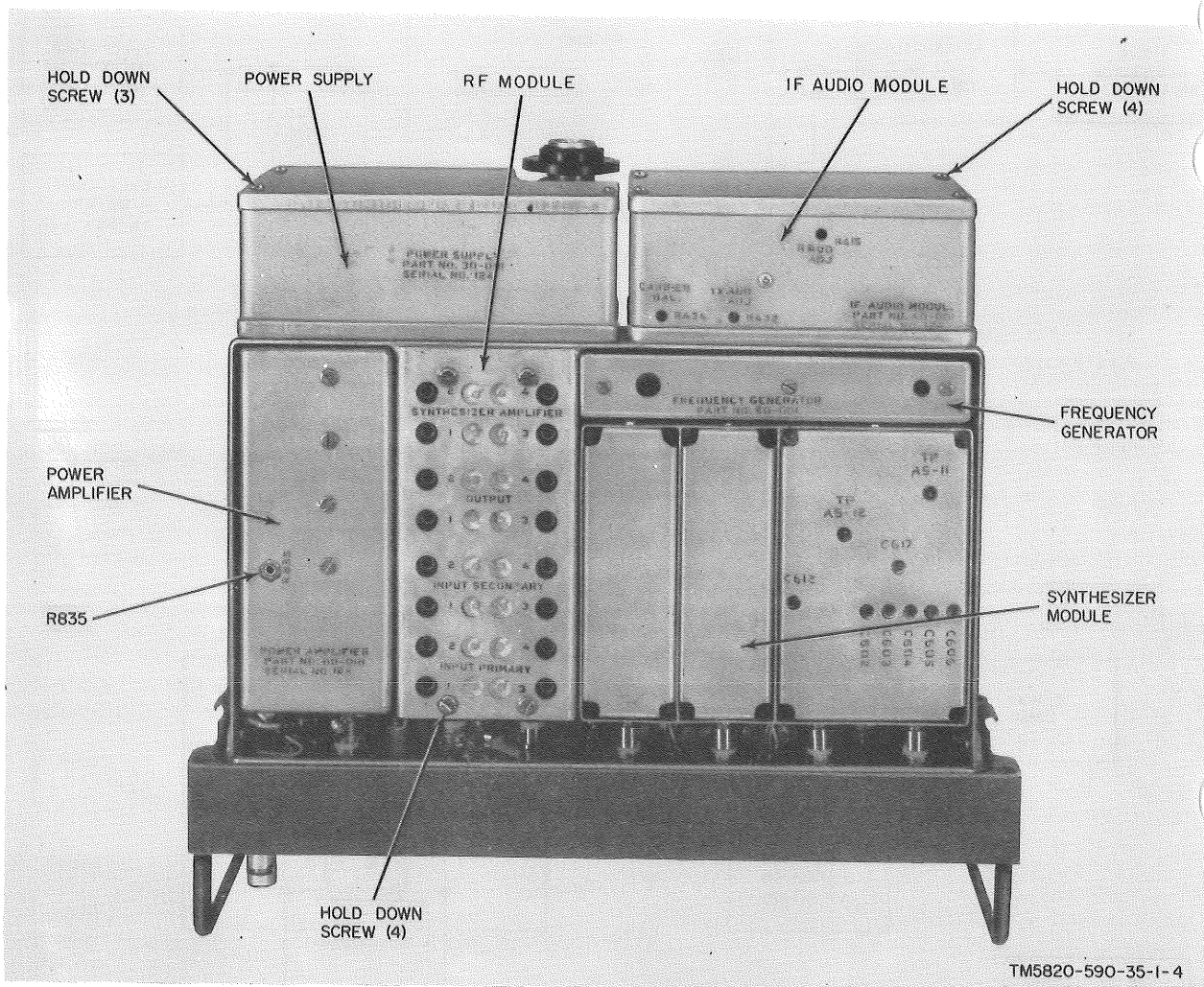


B. TRANSMIT

TM5820-590-35-1-3

Figure 2-2. Radio set, receive and transmit mode test setup.

- (1) Disconnect P201 from J401 of the IF module.
- (2) Connect signal generator No. 1 (fig. 2-4) to J401 through the variable attenuator. Adjust the variable attenuator to 20 db.
- (3) Set the frequency of signal generator No. 1 to 1.749 mc.
- (4) Set the output of signal generator No. 1 to 30 microvolts.
- (5) Disconnect P501 from J402 of the IF module.
- (6) Connect signal generator No. 2 to J402.
- (7) Set the frequency of signal generator No. 2 to 1.750 mc.
- (8) Set the output level of signal generator No. 2 to 1 volt rms.
- (9) If audio voltage is restored, the fre-



TM5820-590-35-1-4

Figure 2-3. Radio set, top view.

quency generator module is defective. Replace the frequency generator module (para 2-12).

(10) If audio output is not restored, the IF audio module is defective. Replace the IF audio module (para 2-12).

2-7. Transmitter Troubleshooting (fig. 2-1)

Connect the radio set to the power supply as shown in figure 2-2 (transmit). Check the radio set in the transmit mode as follows:

a. Power Supply Module. Use Multimeter TS-352B/U, and check the power supply module as follows:

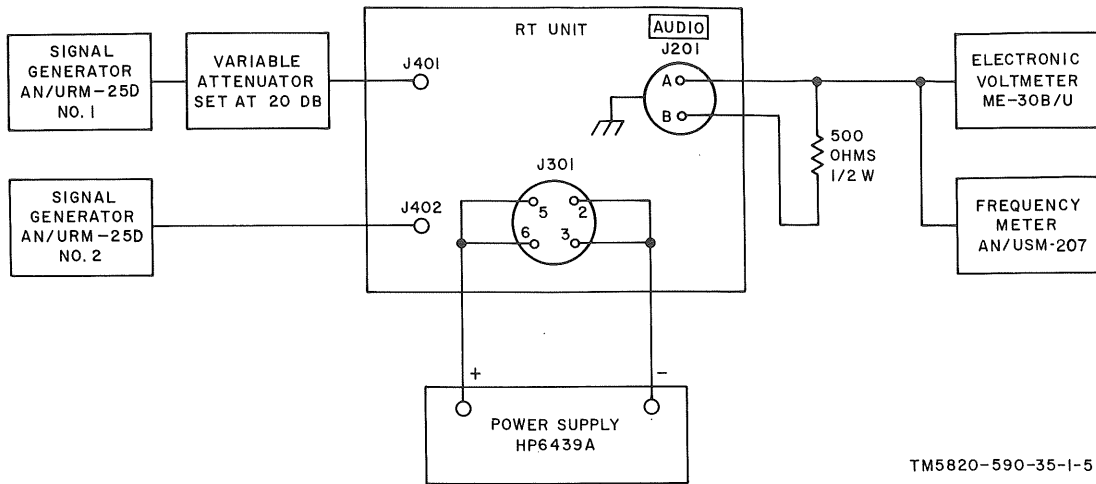
(1) Connect a 50-ohm, 20-watt dummy load between the ANT and GND terminals of the radio set.

(2) Check the power supply module as given in the chart below.

Check point	Measurement (volts)	Limits (volts)
TB201-7	+9	8.4 to 9.6
TB201-5	+12, transmit	10.5 to 17
TB201-3	+40, transmit	39.0 to 44.0

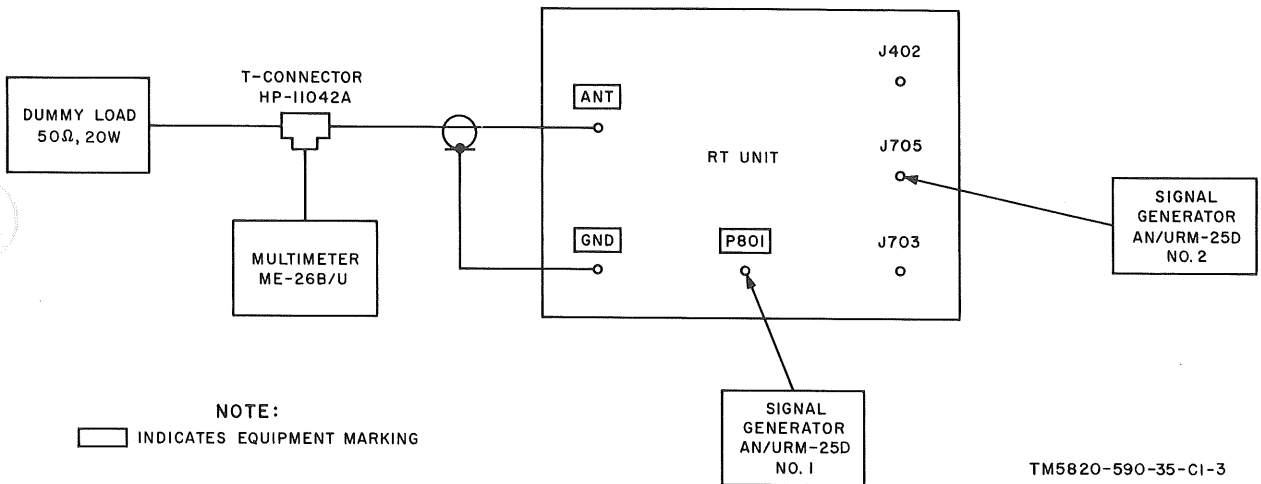
Note. Rotate OFF-ON-TUNE control to TUNE position when measuring +12 volts and +40 volts.

(3) If any of the voltage measurements in (2) above are not indicated, the power supply module is defective. Replace the power supply module (para 2-12).



TM5820-590-35-1-5

Figure 2-4. IF and frequency generator fault isolation test setup.



TM5820-590-35-CI-3

Figure 2-5. Transmit mode fault isolation test setup.

Note. Before measuring any output signals in *b* through *e* below, set the OFF-ON-TUNE switch to TUNE.

b. Power Amplifier Module.

- (1) Connect Multimeter ME-26B/U and the 50-ohm, 20-watt dummy load across the ANT and GND terminals (fig. 2-5).
- (2) Disconnect P801 of the power amplifier module from J704 of the RF module (fig. 2-1).
- (3) Connect AN/URM-25D No. 1, or equivalent, to P801.
- (4) Set the signal generator to 2 mc at 70 mv.
- (5) Hold the OFF-ON-TUNE switch at TUNE.
- (6) Adjust the ANT TUNE and ANT LOAD controls for a maximum indication on the ANT IND meter.
- (7) Adjust the signal generator level for an indication of 24.5 volts rms at the power amplifier output (on Multimeter ME-26B/U).
- (8) The signal generator output level shall be less than 70 mv.

(9) Repeat the procedures in (5) through (8) above with the signal generator set at 18 mc.

(10) If the output is less than 24.5 volts rms at either 2 mc or 18 mc, the power amplifier module is defective. Replace the power amplifier module (para 2-12).

(11) If the power amplifier module passes the test, connect P801 to J704 and proceed with *c* below.

c. Frequency Synthesizer Module (fig. 2-1).

(1) Disconnect P601 from J703 of the RF module.

(2) Connect AN/URM-25D No. 1 to J703 on the RF module.

(3) Set the signal generator frequency to 3.750 mc.

(4) Set the signal generator output level to 100 millivolts.

(5) Tune the radio set to 2.000 mc.

(6) If the voltage output is 24.5 volts rms, the frequency synthesizer module is defective. Replace the frequency synthesizer module (para 2-12).

(7) If there is low or no output, leave test equipment connected for the test in *d* below.

d. RF Module (fig. 2-1).

(1) Disconnect P202 from J705 of the RF module.

(2) Connect a second AN/URM-25D to J705 on the RF module (fig. 2-5).

(3) Set the signal generator No. 2 frequency to 1.750 mc.

(4) Set the signal generator No. 2 output level to 260 millivolts.

(5) Tune the radio set to 2.000 mc.

(6) If the voltage output is 24.5 volts rms, the RF module is defective. Replace the RF module (para 2-12).

(7) If 24.5 volts rms output is obtained, leave the multimeter and signal generator No. 1 connected for the test in *e* below.

e. IF Audio and Frequency Generator Modules (fig. 2-1).

(1) Disconnect P501 from J402 of the IF audio module.

(2) Connect signal generator No. 2 to J402 of the IF audio module (fig. 2-5).

(3) Connect P202 of the IF audio module to J705 of the RF module.

(4) Set the signal generator No. 2 frequency to 1.750 mc.

(5) Set the signal generator output level to 1 volt rms.

(6) Tune the radio set to 2.000 mc.

(7) If the output voltage is less than 24.5 volts rms, the IF module is defective. Replace the IF audio module (para 2-12).

(8) If an output of 24.5 volts rms or greater is obtained, the frequency generator module is defective. Replace the frequency generator (para 2-12).

(9) Restore all connections.

2-8. ANT IND METER M201

To check ANT IND meter M201, proceed as follows:

a. Connect the power supply to terminal 4 (+) of TB201 (+) (fig. 2-1) and ground.

b. Set the power supply to +15.5 volts +5 percent.

c. Check to see that ANT IND meter M201 is deflected approximately full scale.

d. Disconnect the power supply, and check to see that the ANT IND meter M201 needle moves smoothly to the zero position without sticking.

e. If meter M201 does not indicate full scale when power is applied or if the meter needle is sticking when power is removed, the meter is defective. Replace meter M201 (para 2-14).

2-9. Gain Control Circuit Test

(fig. 2-1 and 2-6)

Use Multimeter ME-26B/U to test the radio set gain control circuit given in *a* through *c* below.

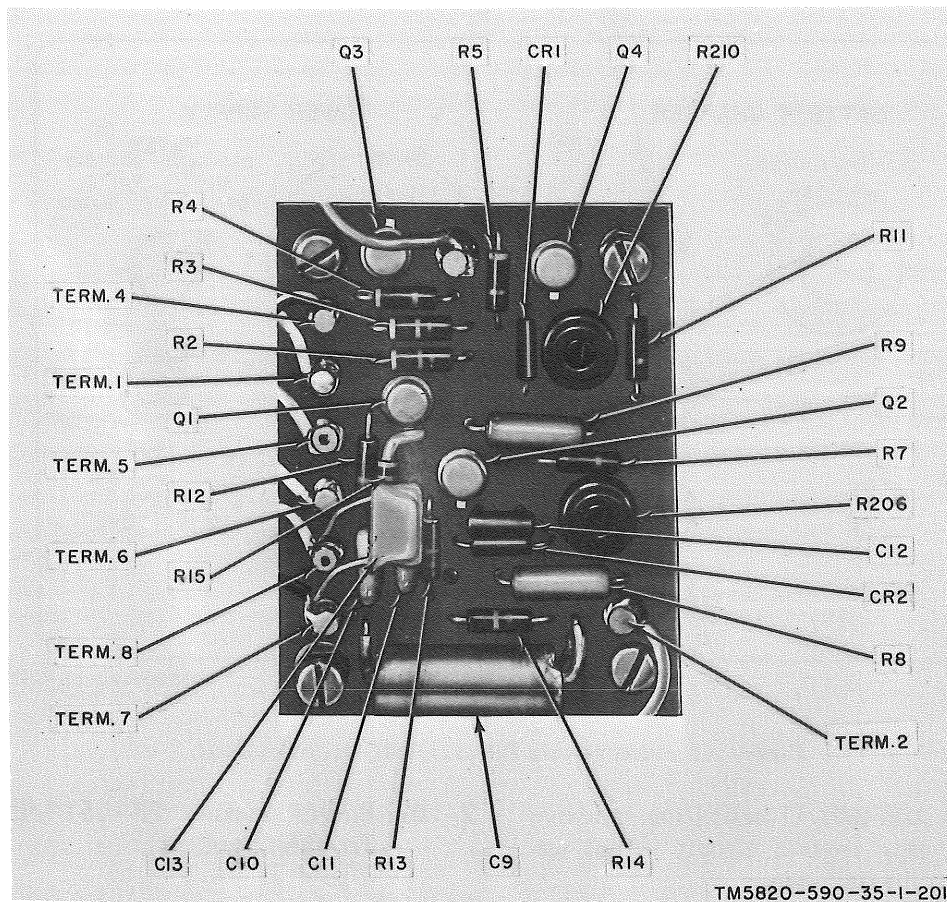


Figure 2-6. Gain control circuit board TB203.

a. Receive Mode.

(1) Connect the ME-26B/U to terminal 8 of gain control circuit board TB 203.

(2) Set the OFF-ON-TUNE switch to ON.

(3) Adjust R206 for a maximum dc voltage indication on the ME-26B/U.

(4) Check to see that the ME-26B/U indicates not less than +2.5 volts.

(5) Adjust R206 for a minimum voltage indication on the ME-26B/U.

(6) Check to see that the ME-26B/U indicates not more than +1.5 volts.

(7) Connect the ME-26B/U to terminal 2 gain control circuit board TB203.

(8) Set the R. F. GAIN control fully clockwise.

(9) Repeat the procedures in (3) through 6) above adjusting R210.

(10) With a clip lead, connect terminal 3 of gain control circuit board TB203 to terminal 4.

(11) Check for an ME-26B/U indication of not more than +2.5 volts at terminals 2 and 8 of gain control circuit board TB203.

(12) If the ME-26B/U indication is not within the limits specified, the gain control circuit is not operating in the receive mode.

(13) Replace gain control circuit board TB203 as required (para 2-12).

(14) Leave test equipment connected in this manner for the test in *b* below.

b. Calibrate Mode.

(1) Push in the CLARIFY-PUSH TO CALIBRATE control.

(2) Check for an ME-26B/U indication of not more than +1.5 volt at terminals 2 and 8 of gain control circuit board TB203.

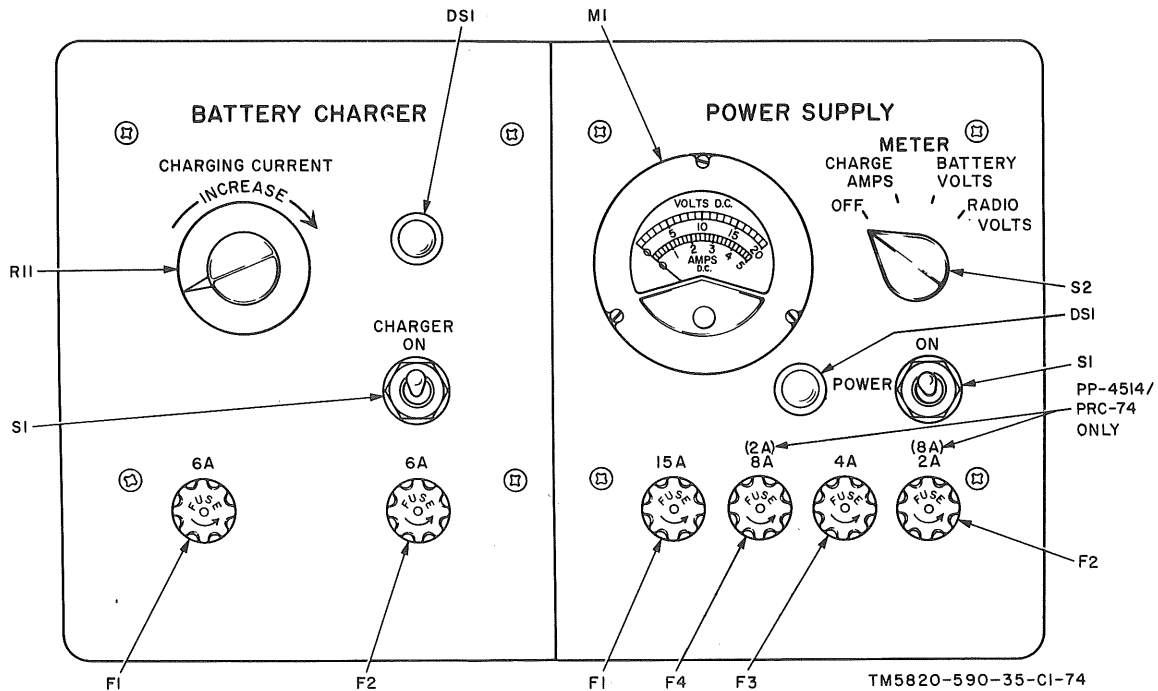


Figure 2-7. Power Supply PP-4514/PRC-74, front panel.

(3) If the ME-26B/U indication is above +1.5 volt, the gain control circuit is not operating in the calibrate mode.

(4) Replace gain control circuit board TB203 as required (para 2-12).

(5) Leave the test equipment connected in this manner for the test in *c* below.

c. Transmit Mode.

(1) Connect a 50-ohm, 20-watt dummy load to the ANT and GND terminals of the radio set.

(2) Hold the OFF-ON-TUNE selector switch in the TUNE position.

(3) Disconnect the clip lead at terminal 4, and connect it to terminal 6.

(4) Check for an ME-26B/U indication at terminals 2 and 8 of not less than +5 volts.

(5) If the ME-26B/U indications are not within the limits specified, the gain control circuit is not operating in the transmit mode.

(6) Replace gain control circuit board TB203 as required (para 2-12).

(7) Connect the headset to one of the AUDIO connections, and adjust R206 and R210 for maximum noise in the headset.

2-10. Power Supply PP-4514/PRC-74 Troubleshooting
(fig. 2-7)

With the power supply and battery charger subassemblies installed in the case, check the PP-4514/PRC-74 as given in *a* through *c* below.

NOTE

Refer to figure 1-8 in TM 11-5820-590-12-1 for cables that are used with the PP-4514/PRC-74.

a. Power Supply Subassembly.

(1) Connect accessory power cable W1 to J1 on the case (fig. 2-10) and to a 28-volt power source.

(2) Set the POWER ON switch to ON.

(3) Set the METER switch to RADIO VOLTS.

(4) Check the power supply subassembly panel meter for an indication of 14 volts ± 3 .

(5) If 0 volt is indicated, check the power supply module as follows:

(a) 15A fuse F1 (fig. 2-7). If fuse F1 is open, check capacitor C1 and diode CR1 (fig. 2-8). Replace if defective.

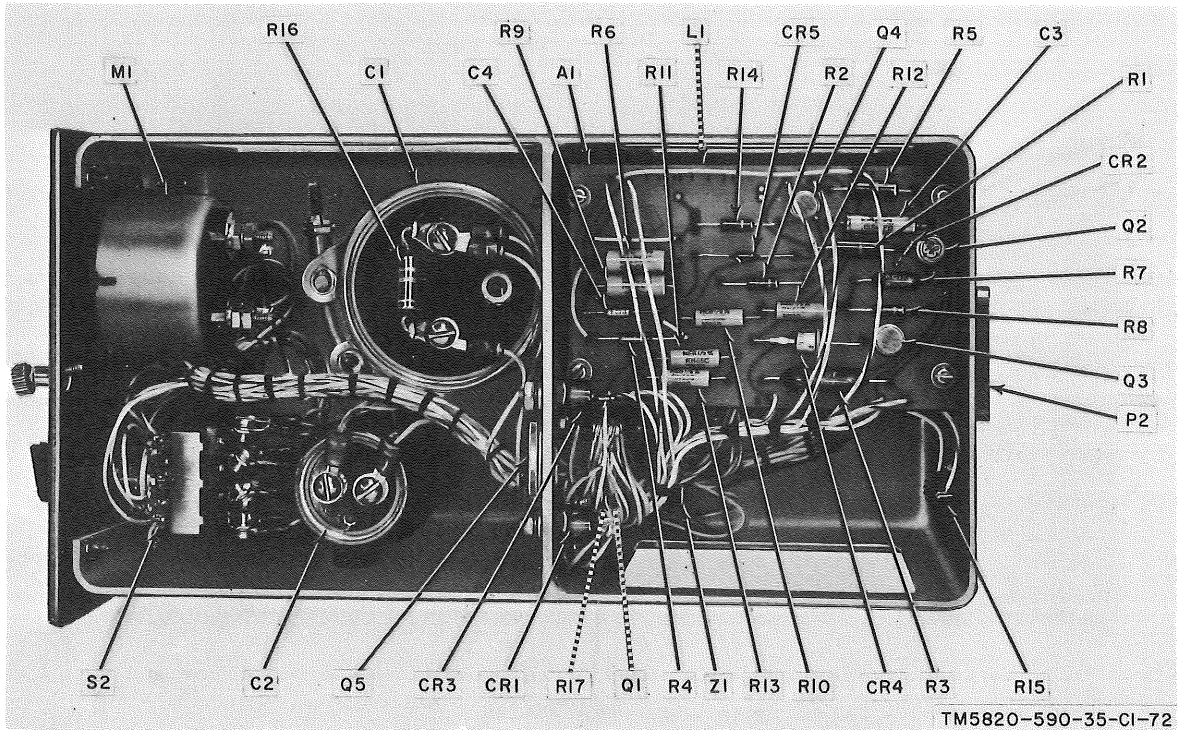


Figure 2-8. Power supply module.

(b) 8A fuse *F4* (fig. 2-7). If 8A fuse *F4* is open, check transistor *Q5* and the associated components (fig. 2-8). Replace if defective. Also check for a short circuit at output connector *J4*, pins 2 and 6. Refer to the schematic diagram (fig. 6-15).

(c) Transistors *Q1* through *Q4*. Replace if defective.

(6) If the panel meter indicated a voltage level above 18 volts, check overvoltage load protector *Z1* and the associated components. The normal resistance of *Z1* is 33 ohms when the TS-352B/U positive lead is connected to the plus terminal and is 140 ohms when the TS-352B/U leads are reversed. Replace if defective. Use figure 2-8 for parts location and figure 6-15 for troubleshooting.

(7) If the panel meter indicates normal voltage output, momentarily short circuit pins 2 and 6 of *J4* of the module case.

(8) Check to see that the panel meter drops to 0 volt.

(9) If the panel meter does not drop to 0

volt, check transistor *Q3* and resistors *R7* and *R8*. Replace if defective.

b. Battery Charger (fig. 2-9).

(1) Connect accessory power cable *W1* to *J1* on the case (fig. 2-10), and to a 28-volt power source.

(2) Set the CHARGE-ON switch to ON.

(3) Set the METER switch on the front panel of the external power supply to BATTERY VOLTS.

(4) Check the panel meter on the power supply for an indication of approximately 20 volts.

(5) If 0 volt is indicated, check the battery charger subassembly as follows:

(a) 6A fuse *F1* (fig. 2-7). If 6A fuse *F1* is open, check capacitor *C2*, diode *CR2*, and associated components (fig. 2-9). Replace defective components.

(b) 6A fuse *F2* (fig. 2-7). If 6A fuse *F2* is open check transistor *Q5* and associated components (fig. 2-9). Replace defective components.

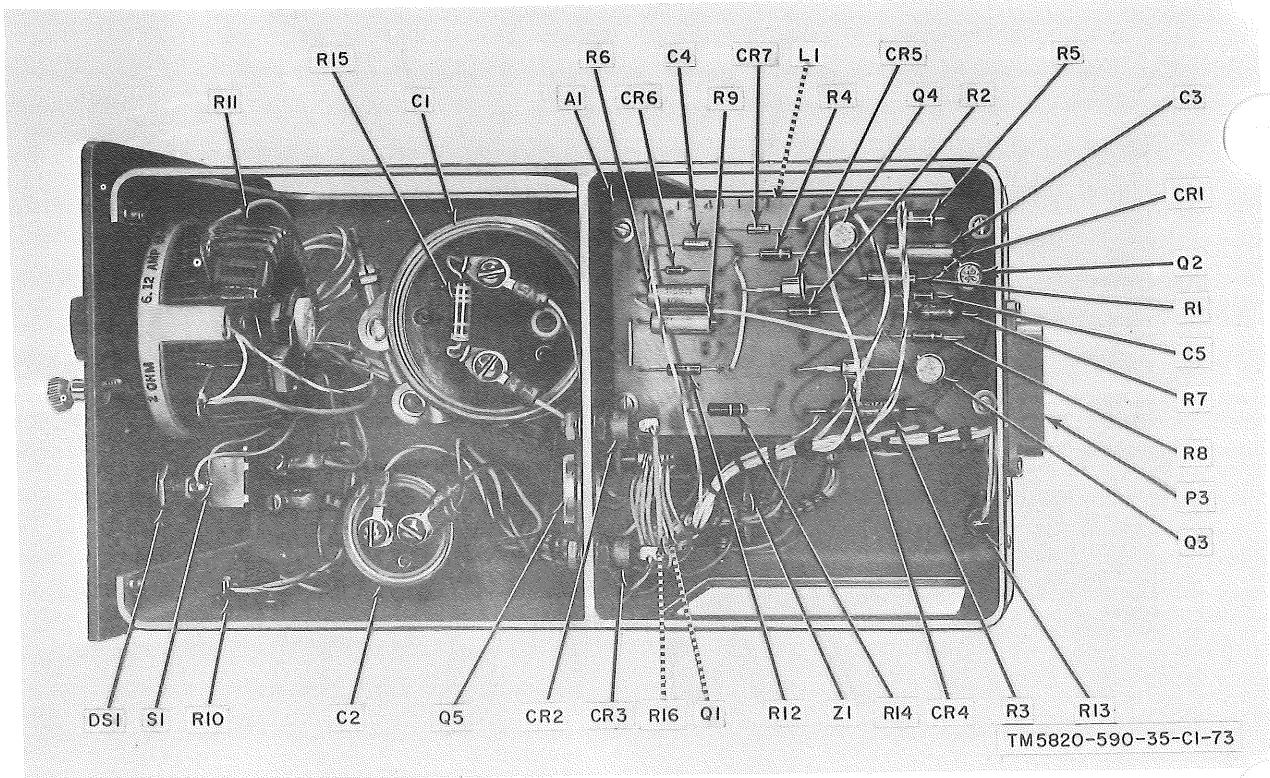


Figure 2-9. Battery charger module.

(6) To check battery charger operation from an ac source, connect accessory power cable W2 to J5 (fig. 2-10), and to a 110-volt, 50- to 400-cps power source.

(7) With the METER switch set to BATTERY VOLTS, check to see that the normal voltage level of approximately 20 volts is indicated on the panel meter. *Momentarily* short circuit the battery clips of the cable together, and check to see that the panel meter drops to a 0-volt indication. (This procedure checks the operation of short protection switch Q3.)

(8) If 0 volt is not indicated when the battery clips are momentarily short circuited, check short protection transistor Q3 (fig. 2-9). If short protection switch Q3 is faulty and the battery clips are short circuited for too long, 6A fuse F2 (fig. 2-7) may open. Replace defective Q3 or 6A fuse F2 as required.

c. Power Supply PP-4514/PRC-74 Case (fig. 2-10). Using Multimeter TS-352B/U, troubleshoot the case as follows:

(1) Remove the battery charger subassembly from the case (para 5-13), TM 11-5820-590-12-1).

(2) Connect accessory power cable W1 to J1 and to a 28-volt power source.

(3) Set the POWER ON switch to ON.

(4) Connect the multimeter negative lead to pin 1 of J3 and the positive lead to pin 2 of J3.

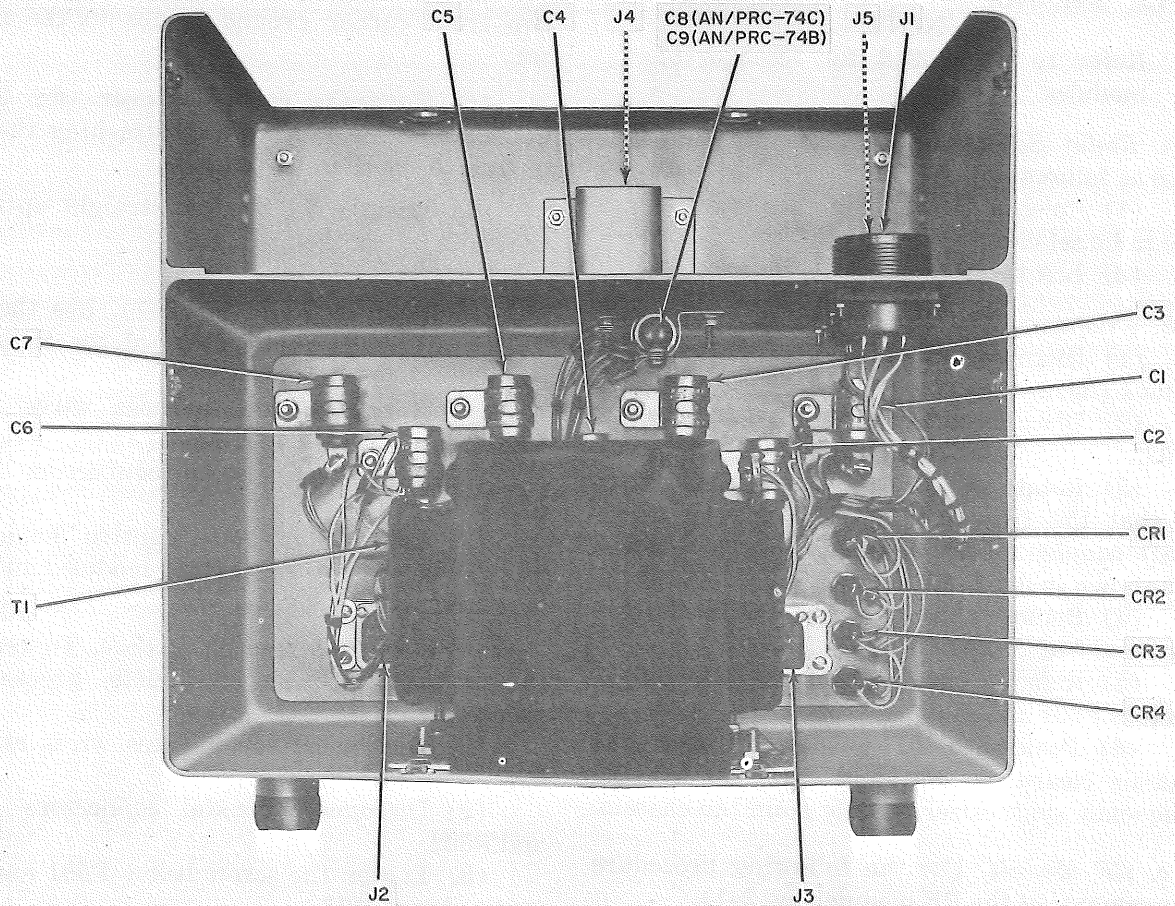
(5) Check for a normal voltage indication of +21 to +31 volts.

(6) If 0 volt is indicated, check the power supply POWER ON switch and diodes CR1 through CR4. Replace the defective part or parts.

(7) Connect accessory power cable W2 to J1 and to a 110-volt, 50- to 400-cps power source.

(8) Check for a normal voltage indication of 20 to 40 volts on the multimeter.

(9) If 0 volt is indicated on the multimeter, check for the following defective components. Replace as required.



TM5820-590-35-1-C1-11

Figure 2-10. Power Supply PP-4514/PRC-74, case-mounted components.

- (a) Connecting cable W2.
- (b) POWER ON switch S1.
- (c) 6A fuse F2 and 4A fuse F3.
- (d) Transformer T1.
- (e) Diodes CR1 through CR4.

Section II. REPAIRS

2-11. General Parts Replacement Techniques

The repair function at the direct support maintenance category consists of removal and replacement of modules and components of the radio set and the PP-4514/PRC-74, and adjustment of the radio set bandswitch gear. Follow the procedures in paragraphs 2-12 and 2-13 to remove and replace modules and com-

ponent parts of the radio set and PP-4514/PRC-74. Observe the following precautions:

- a. Before a module is removed, note the positions of the leads. Tag each lead before removing.
- b. Be careful not to damage other leads or parts by pushing or pulling them out of the way.
- c. Do not disturb the front panel control settings unless specified.

2-12. Removal

NOTE

Refer to figure 2-3 for location of modules.

a. Radio Set Case. Remove the radio set case as follows:

- (1) Release the two latches that secure the radio set case to the radio set.
- (2) Lift the radio set from the case.

b. Frequency Synthesizer Module.

- (1) Disconnect the harness wires from TB601 (fig. 2-1).
- (2) Disconnect connector P601 from J703.
- (3) Rotate all synthesizer control shafts so that the rear drive portion of the white shaft coupler blocks is straight up and down (as shown in fig. 2-11).

(4) Remove the two screws at the left of terminal 9 of TB202 (fig. 2-1).

(5) Remove the two screws below connectors P601 and P202.

(6) Position P601 to pass through the chassis clearance hole, and carefully lift the frequency synthesizer module from the chassis.

c. RF Module. Use the following procedure for removal of the RF module (fig. 2-1).

- (1) Set MC (MHz) selector control to 2.
- (2) Disconnect the harness wires from TB701.
- (3) Disconnect coaxial connectors P202, P502, P801, and P802.
- (4) Disconnect P601 from J703 if it was not removed in *b* above.

(5) Remove the two screws attaching the two front corner ground straps to the radio set.

(6) Turn the radio set over (fig. 2-3) and remove the four screws attaching the RF module to the chassis.

(7) Lift the RF module straight up from the radio set chassis.

d. IF Audio Module (fig. 2-1). Use the following procedure for removal of the IF audio module:

- (1) Disconnect the harness wires from TB202.
- (2) Disconnect coaxial connectors P201 and P501.
- (3) Loosen the four captive holddown screws on the top of the IF module, and remove the module.

e. Frequency Generator Module. To remove the frequency generator module, proceed as follows:

- (1) Disconnect the harness wires at TB-501.
- (2) Disconnect coaxial connectors P501 and P502.
- (3) Loosen the screw below P501 and the screw above P601.
- (4) Turn the radio set over, and lift the frequency generator module from the radio set chassis.

f. Power Amplifier Module.

- (1) Disconnect the harness wires from TB801.

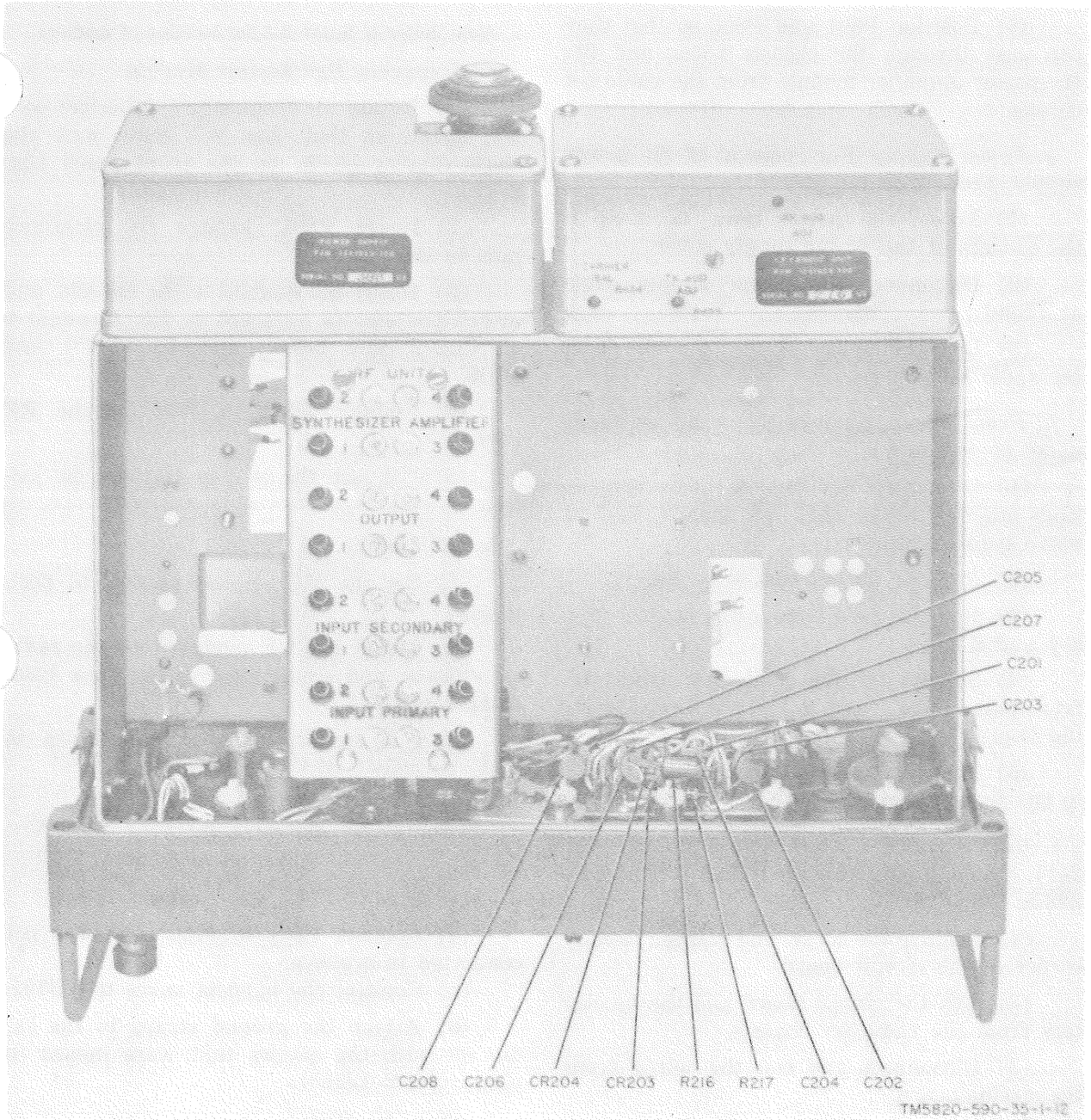


Figure 2-11. Radio set, modules removed.

(2) Disconnect coaxial connectors P801 and P802 from J702 and J704 of the RF module (fig. 2-1).

(3) Rotate the ANT LOAD and ANT TUNE control shafts so that the white shaft

coupler blocks (behind the panel) face the direction in which the power amplifier module is to be removed (fig. 2-11).

(4) Remove the three screws on the right side of TB801.

(5) Disconnect the antenna wires from TB802 (fig. 3-17).

(6) Position P801 and P802 so that they can pass through the chassis holes, and lift the power amplifier module from the radio set chassis.

g. Power Supply. For removal of the power supply, proceed as follows:

(1) Loosen the three screws (fig. 2-3) in the corners of the power supply cover.

(2) Disconnect the power supply cable at TB201.

(3) Lift the power supply module from the radio set chassis.

h. Front Panel. Remove the radio set front panel as follows:

(1) Disconnect and unsolder wire connections attached to the radio set chassis. Tag all wires before unsoldering.

(2) Remove the harness wire clamps.

(3) Remove the six mounting screws (fig. 2-1 and 2-11).

(4) Slowly lift the radio set from the front panel until access to the front panel wiring is possible.

(5) Unsolder and tag the wires connected to the front panel.

i. Gain Control Circuit Board TB203 (fig. 2-1). Remove gain control circuit board TB203 as follows:

(1) Remove the screw and washer in each corner of the circuit board.

(2) Lift the circuit board and the insulators from the radio set chassis.

(3) Disconnect and tag the wires from the circuit board.

j. Terminal Boards TB201 and TB202. To remove terminal boards TB201 and TB202, proceed as follows:

(1) Disconnect the harness wires attached to the terminal board.

(2) Remove the screw at each end of the terminal board, and remove the board.

2-13. Replacement (fig. 2-1)

Note. Refer to figure 2-3 for location of modules.

a. Frequency Synthesizer Module.

(1) Rotate the frequency synthesizer control shafts so that they will mate with the shaft coupler blocks on the front panel (fig. 2-11).

(2) Insert P601 through the clearance hole in the chassis.

(3) Insert the module in the chassis, and attach the screws adjacent to E5, terminal 9 of TB202, and below connectors P601 and P202.

(4) Connect P601 to J703 of the RF module.

(5) Connect the wiring harness to TB601.

b. RF Module.

(1) Set the MC selector control to position 2.

(2) Insert the RF module into the radio set chassis, and secure it with the four hold-down screws.

(3) Connect the coaxial connectors to jacks as shown in the chart below.

<i>Connector</i>	<i>Jack</i>
P202	J705
P502	J701
P801	J704
P802	J702

(4) Connect P601 to J703 if it was not connected in *a* above.

(5) Connect the harness wires to TB701.

(6) Attach the ground straps to the radio set with the screws that were moved in paragraph 2-12c(5).

c. IF Audio Module.

(1) Place the IF audio module on the radio set chassis.

(2) Tighten the four captive hold-down screws on the top of the module.

(3) Connect coaxial connectors P201 and P501 to jacks J401 and J402 of the IF audio module.

(4) Connect the harness wires to TB202.

d. Frequency Generator Module.

(1) Insert the frequency generator module into the radio set chassis, and secure it with the screws below P501 and above P601.

(2) Connect coaxial connectors P501 and P502 to jack J402 of the IF module and jack J701 of the RF module.

(3) Connect the harness wires to TB501.

e. Power Amplifier Module.

(1) Insert coaxial connectors P801 and P802 through the holes in the radio set chassis.

(2) Rotate the ANT LOAD and ANT TUNE control shafts so that they can mate with the white shaft coupler blocks on the front panel (fig. 2-11).

(3) Position the module in the radio set chassis, and secure it with the screws adjacent to terminals 1, 4, and 7 of TB801.

(4) Connect the antenna wires to TB802.

(5) Connect P801 and P802 to J702 and J704 of the RF module (fig. 2-1).

(6) Connect the harness wires to TB801.

f. Power Supply Module.

(1) Place the power supply module on the radio set chassis, and secure it with the three screws in the corners of the module cover (fig. 2-11).

(2) Connect the power supply module cable to TB201.

g. Front Panel. Replace the radio set front panel as follows:

(1) Note the tags on the wires, and solder the wire connections to the front panel.

(2) Position the radio set on the front panel, and secure it with the six mounting screws (fig. 2-1 and 2-11).

(3) Secure the harness wires to the chassis with the harness wire clamps.

(4) Connect and solder the tagged wires.

h. Gain Control Circuit Board TB203. (fig. 2-1).

(1) Connect the wires to the circuit board.

(2) Position the insulators and gain control circuit board TB203 over the mounting holes of the chassis.

(3) Secure circuit board TB203 to the chassis with the four washers and screws.

i. Terminal Boards TB201 and TB202.

(1) Position the terminal board over the mounting holes on the chassis, and attach the screws.

(2) Connect the harness wires to the terminal board.

j. Radio Set Case. Replace the radio set inside the radio set case, and secure the two latches on the sides of the case.

2-14. Front Panel Disassembly
(fig. 2-12)

For disassembly of the radio set front panel, remove the front panel from the radio set (para 2-12*h*) and proceed as follows:

a. Remove screw (1), lockwasher (2), and knob (3).

b. Remove nut (4), lockwasher (5), and switch S201 (6).

c. Remove screw (7), lockwasher (8), and knob (9).

d. Remove retaining ring (10), washer (11), and thrust bearing (12).

e. Remove two nuts (13), spacers (14), screws (15) and flatwashers (15A).

f. Remove switch S202 (16) and plate (17).

g. Remove CLARIFY control shaft assembly (18) and thrust bearing (19) from front panel (101).

h. Disconnect wire connections to connectors J201 (48) and J202 (50).

i. Remove two screws (20) and switch mounting bracket (21).

j. Remove pin (22) and coupler block (23).

k. Remove screw (24), calibrate gear-driven assembly (25), washer (26), and thrust bearing (27).

l. Turn knob (35) to set the MC shaft assembly (39) to position 2.

m. Remove screw (28), lockwasher (29), and washer (30).

n. Remove cam mounting plate assembly (31) and thrust bearing (32). Remove alignment shims as required.

o. Refer to breakout of item 31 in figure 2-12. Check to see that cam mounting plate gear turns freely. If gear does not turn freely, proceed as follows:

(1) Remove nut and lockwasher.

(2) Lift cam mounting plate and one thrust bearing from cam assembly.

(3) Lubricate disassembled parts using lubricant per MIL-I-8660.

(4) Place one thrust bearing and cam mounting plate on cam assembly.

(5) Place lockwasher on cam assembly, and attach nut:

p. Remove screw (33), lockwasher (34), and knob (35).

q. Remove retaining ring (36), washer (37), and thrust bearing (38).

r. Remove MC shaft assembly (39) from panel (101).

s. Remove three screws (40), lockwashers (41), and knobs (42).

t. Remove three retaining rings (43), washers (44), and thrust bearings (45).

u. Remove three frequency controls (46) from front panel (101).

v. Remove nut (47), and pull connector J201 (48) from front panel (101).

w. Remove nut (49), and pull connector J202 (50) from front panel (101).

x. Remove nut (51) and knob (52).

y. Remove two shaft clamps (53), nut (53A), lockwasher (53B), flatwasher (53C) and remove R.F. GAIN control R201 (54) from front panel (101).

z. Remove pin (55) and coupler block (56).

aa. Remove screw (57), bandswitch gear driven assembly (58), and thrust bearing (59).

ab. Remove pin (60) and coupler block (61).

ac. Remove screw (62), disk-drive assembly (63), and thrust bearing (64).

ad. Remove screw (65), lockwasher (66), and knob (67).

ae. Remove retaining ring (68), washer (69), and thrust bearing (70).

af. Remove PEAK NOISE control (71) and thrust bearing (72) from front panel (101).

ag. Remove nut (73), and pull meter M201 (74) from front panel (101).

ah. Remove screw (75), lockwasher (76), and knob (77).

ai. Remove retaining ring (78), washer (79), and thrust bearing (80).

aj. Remove ANT LOAD control (81) from front panel (101).

ak. Remove screw (82), lockwasher (83), and knob (84).

al. Remove retaining ring (85), washer (86), and thrust bearing (87).

am. Remove ANT TUNE control (88) from front panel (101).

an. Remove nut (89), lockwasher (90), washer (91), and thrust bearing (92).

ao. Remove GND binding post (93) and thrust bearing (94).

ap. Remove nut (95), lockwasher (96), washer (97), and thrust bearing (98).

aq. Remove ANT binding post (99) and thrust bearing (100) from front panel (101).

2-15. Front Panel Assembly

(fig. 2-12)

For reassembly of the radio set front panel, proceed as follows:

a. Install thrust bearing (100) and ANT binding post (99) in front panel (101).

b. Secure ANT binding post (99) with

thrust bearing (98), washer (97), lockwasher (96), and nut (95).

e. Install thrust bearing (94) and GND binding post (93) in front panel (101).

d. Secure GND binding post (93) with thrust bearing (92), washer (91), lockwasher (90), and nut (89).

e. Install ANT TUNE control (88), and secure with the thrust bearing (87), washer (86), and retaining ring (85).

f. Install knob (84), and secure with lockwasher (83) and screw (82).

g. Install ANT LOAD control (81), and secure with thrust bearing (80), washer (79), and retaining ring (78).

h. Install knob (77), and secure with lockwasher (76) and screw (75).

i. Install meter M201 (74), and secure with nut (73).

j. Install thrust bearing (72) and PEAK NOISE control (71) in front panel (101).

k. Secure PEAK NOISE control (71) with thrust bearing (70), washer (69), and retaining ring (68).

l. Install knob (67), and secure with lockwasher (66) and screw (65).

Note. Apply lubricant (per MIL-I-8660) to shoulder and head of screw (62). Do not allow lubricant to get on screw threads.

m. Insert screw (62) to disk-drive assembly (63), and place thrust bearing (64) over protruding portion of screw shoulder. Mount assembly on front panel (101), and tighten screw (62).

n. Install coupler block (61), and secure with pin (60).

Note. Apply lubricant (per MIL-I-8660) to shoulder and head of screw (57). Do not allow lubricant to get on screw threads.

o. Insert screw (57) into bandswitch gear-driven assembly (58), and place thrust bearing (59) over protruding portion of screw shoulder.

p. Mount bandswitch gear-driven assembly (58) on front panel (101), and tighten screw (57).

q. Install coupler block (56), and secure with pin (55).

r. Install R.F. GAIN control R201 (54) in front panel (101).

r.1. Secure RF GAIN Control (54) with flatwasher (53C), lockwasher (53B) and nut (53A).

s. Place two shaft clamps (53) on RF GAIN control (54) shaft.

t. Place knob (52) over shaft clamps (53), and secure with nut (51).

u. Install connector J202 (50) in front panel (101), and secure with nut (49).

v. Install connector J201 (48) in front panel (101), and secure with nut (47).

w. Install three frequency controls (46), and secure with thrust bearing (45), washers (44), and retaining rings (43).

x. Install three knobs (42), and secure with lockwashers (41) and screws (40).

y. Install MC shaft assembly (39) in panel (101), and secure with thrust bearing (38), washer (37), and retaining ring (36).

z. Install knob (35), and secure with lockwasher (34) and screw (33).

aa. Turn MC shaft assembly (39) to position 2.

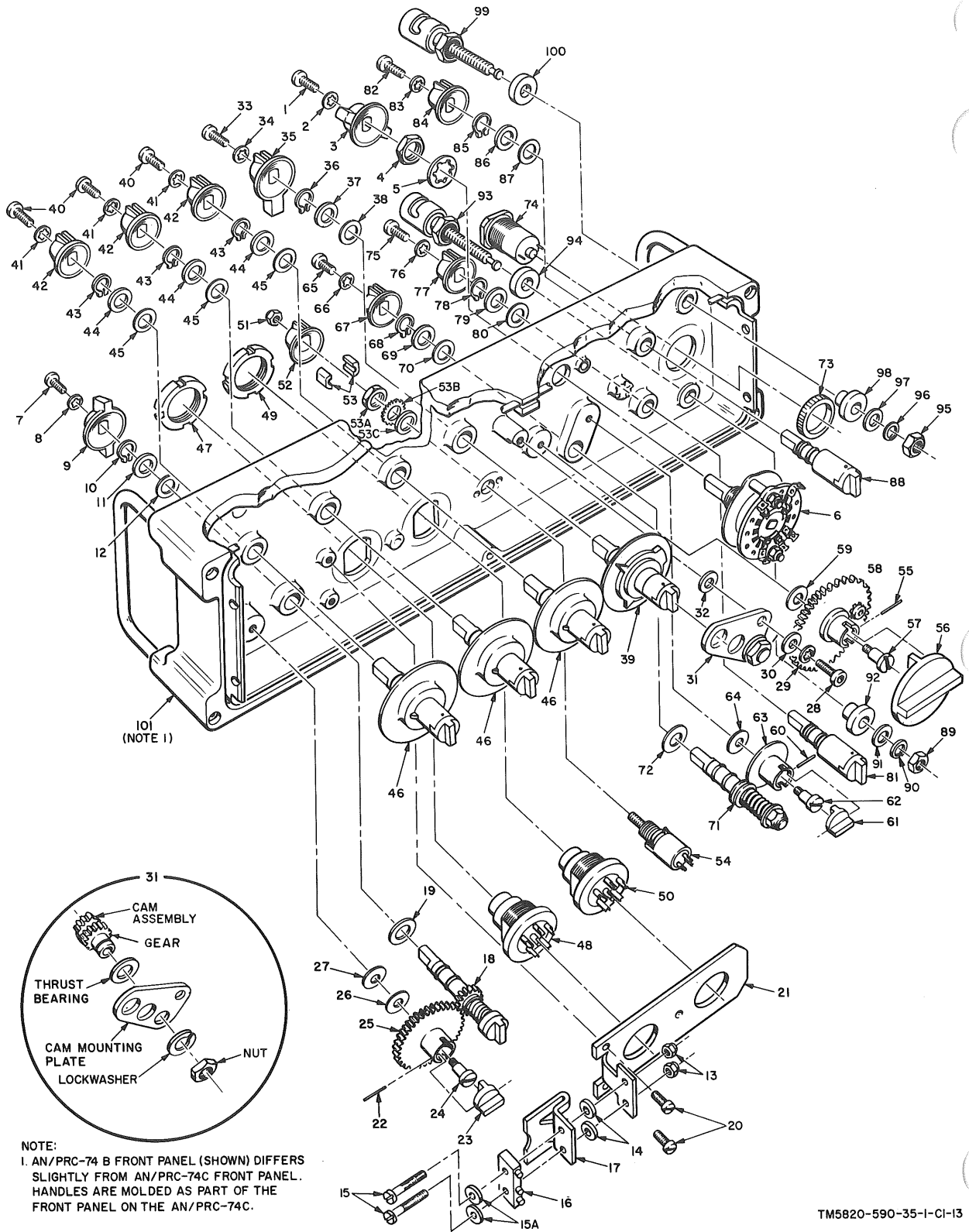
Note. Use thick or thin flat washer (as required) on bottom of cam mounting plate assembly (31) to align mounting plate with disk-drive assembly (63).

ab. Place thrust bearing (32) between cam mounting plate assembly (31) and front panel (101).

ac. Install cam mounting plate assembly (31) on rear of MC shaft assembly (39), and secure loosely with washer (30), lockwasher (29), and screw (28).

ad. Adjust screw (28) until MC shaft assembly (39) turns freely between positions 2 and 11.

Note. Apply lubricant (per MIL-I-8660) to shoulder and head of screw (24). Do not allow lubricant to fall on screw threads.



NOTE:
 1. AN/PRC-74 B FRONT PANEL (SHOWN) DIFFERS SLIGHTLY FROM AN/PRC-74C FRONT PANEL. HANDLES ARE MOLDED AS PART OF THE FRONT PANEL ON THE AN/PRC-74C.

TM5820-590-35-1-C1-13

Figure 2-12. Radio set front panel, exploded view.

1	Screw	33	Screw	65	Screw
2	Lockwasher	34	Lockwasher	66	Lockwasher
3	Knob	35	Knob	67	Knob
4	Nut	36	Retaining ring	68	Retaining ring
5	Lockwasher	37	Washer	69	Washer
6	Switch S201	38	Thrust bearing	70	Thrust bearing
7	Screw	39	MC shaft assembly	71	PEAK NOISE control
8	Lockwasher	40	Screw	72	Thrust bearing
9	Knob	41	Lockwasher	73	Nut
10	Retaining ring	42	Knob	74	Meter M201
11	Washer	43	Retaining ring	75	Screw
12	Thrust bearing	44	Washer	76	Lockwasher
13	Nut	45	Thrust bearing	77	Knob
14	Spacer	46	Frequency control	78	Retaining ring
15	Screw	47	Nut	79	Washer
15A	Flat washer	48	Connector J201	80	Thrust bearing
16	Switch S202	49	Nut	81	ANT LOAD control
17	Plate	50	Connector J202	82	Screw
18	CLARIFY control shaft assembly	51	Screw	83	Lockwasher
19	Thrust bearing	52	Knob	84	Knob
20	Screw	53	Shaft clamp	85	Retaining ring
21	Switch mounting bracket	53A	Nut	86	Washer
22	Pin	53B	Lockwasher	87	Thrust bearing
23	Coupler block	53C	Flat washer	88	ANT TUNE control
24	Screw	54	R.F. GAIN control R201	89	Nut
25	Calibrate gear-driven assembly	55	Pin	90	Lockwasher
26	Washer	56	Coupler block	91	Washer
27	Thrust bearing	57	Screw	92	Thrust bearing
28	Screw	58	Bandswitch gear-driven assembly	93	GND binding post
29	Lockwasher	59	Thrust bearing	94	Thrust bearing
30	Washer	60	Pin	95	Nut
31	Cam mounting plate assembly	61	Coupler block	96	Lockwasher
32	Thrust bearing	62	Screw	97	Washer
		63	Disk-drive assembly	98	Thrust bearing
		64	Thrust bearing	99	ANT binding post
				100	Thrust bearing
				101	Front panel

Figure 2-12.—Continued.

ae. Insert screw (24) to calibrate gear-driven assembly (25), and place washer (26) and thrust bearing (27) over protruding portion of screw shoulder.

af. Mount calibrate gear-driven assembly (25) on front panel (101), and tighten screw (24).

ag. Install coupler block (23), and secure with pin (22).

ah. Install switch mounting bracket (21), and secure with two screws (20).

ai. Install thrust bearing (19) on CLARIFY control shaft assembly (18).

aj. Insert CLARIFY control shaft assembly (18) halfway into panel (101).

ak. Install plate (17) and switch S202 (16) NC terminal on switch toward bottom of front panel (101).

al. Secure plate (17) and switch S202 (16) with two screws (15), flat washers (15A), spacers (14), and nuts (13).

am. Secure CLARIFY control shaft assembly (18) on front side of panel (101) with thrust bearing (12), washer (11), and retaining ring (10).

an. Install knob (9), and secure with lockwasher (8) and screw (7).

ao. Adjust screw S202 (16) so that it actuates when CLARIFY control shaft assembly (18) gear engages and disengages.

ap. Install switch S201 (6) in front panel (101), and secure with lockwasher (5) and nut (4).

aq. Install knob (3), and secure with lockwasher (2) and screw (1).

2-16. Bandswitch Gear Adjustment (fig. 2-11)

The bandswitch mechanism is properly set if the bandswitch changes from band 1 to band 2 when the MC selector knob is moved from position 2 to position 3. To assure the proper

operation of the RF module bandswitch by the MC selector knob, proceed as follows:

NOTE

The bandswitch gear adjustment may be made with the radio set turned on, if care is taken not to short circuit the terminals of the OFF-ON-TUNE selector switch.

a. Use an Allen wrench to loosen the adjustment screw on the bandswitch gear.

b. Rotate the bandswitch gear in the direction required while holding the adjusting screw in place.

c. Tighten the adjusting screw when the bandswitch gear is in the proper position.

2-17. Gain Control Adjustment
(fig. 2-6)

a. Connect an AN/URM-25D (or equivalent) to the ANT and GND connections of the radio set.

b. Set the signal generator for an output of 2.001 mc at the 1-microvolt level.

c. Set the radio set frequency controls to 2.000 mc.

d. Set the OFF-ON-TUNE selector switch to ON.

e. Adjust R206 and R210 for maximum audio output.

CHAPTER 3

GENERAL SUPPORT MAINTENANCE

Section I. TROUBLESHOOTING

3-1. Test Equipment and Special Items Required for Module Troubleshooting

The test equipment required for troubleshooting the radio set at the general support maintenance category, together with the associated technical manuals, are listed in *d*, *e*, and *f* below. Additional items, such as test loads, must be fabricated. Fabrication details are covered in *a*, *b*, and *c* below and in figure 3-1.

a. 20-Db Match Pad.

(1) Obtain a 56-ohm, 1/2-watt resistor (R1), a 500-ohm, 1/2-watt resistor (R2), and a 120-ohm, 1/2-watt resistor (R3).

(2) Assemble resistors R1, R2, and R3 and connectors as shown in figure 3-1.

b. Shunt Load Resistor.

(1) Obtain a 1-kilohm, 1/2-watt ± 5 percent resistor (R1) and a 680-picofared (pf) capacitor (C1).

(2) Connect R1 and C1 to short clip leads as shown in figure 3-1.

c. Test Loads. Amphenel connector IPC 4700-51 contains a 51-ohm, 1/2-watt resistor installed in the connector. When a load resistance of another value is required, fabricate the load resistance as follows:

(1) Obtain connector IPC 4700-51.

(2) Disassemble the connector, and remove the 51-ohm, 1/2-watt resistor.

(3) Insert and solder the resistor into the connector as required.

(4) Assemble the connector.

(5) Obtain and use miniature coaxial adapters (Amphenel 27-28 and 27-40) to con-

nect the test equipment to subminiature coaxial connectors.

d. Test Equipment.

(1) Generator, Signal AN/GRM-50.

(2) R.F. Signal Generator Set AN/URM-25D (signal generator).

(3) Counter, Electronic Digital Readout AN/USM-207 (frequency meter).

(4) Generator, Signal AN/URM-127.

(5) Oscilloscope AN/USM-140B.

(6) Electronic Voltmeter AN/URM-145.

(7) Multimeter ME-26B/U.

(8) Multimeter TS-352B/U (three required).

(9) Power Supply, Hewlett-Packard HP-6439A (three required).

e. Additional Equipment.

(1) Resistor, 20-ohm ± 5 percent, 50-watt.

(2) Resistor, 40-ohm ± 5 percent, 50-watt.

(3) Resistor, 60-ohm ± 5 percent, 2-watt.

(4) Resistor, 80-ohm ± 5 percent, 25-watt.

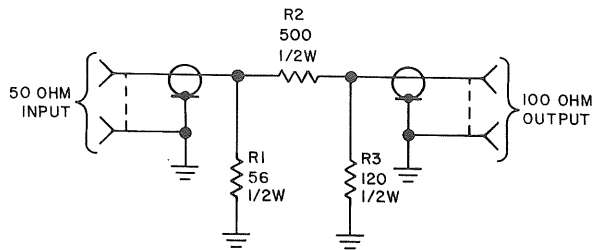
(5) Resistor, 100-ohm ± 5 percent, 1/2-watt (two required).

(6) Resistor, 500-ohm ± 5 percent, 1/2-watt.

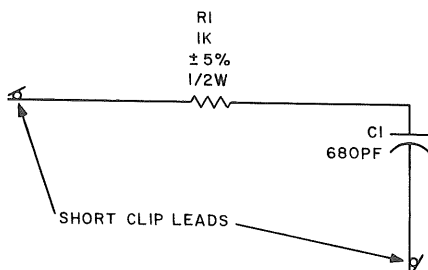
(7) Resistor, 20,000-ohm ± 5 percent, 1/2-watt.

(8) Resistor, 50-ohm, 20-watt.

(9) Resistor, 100-ohm, 20-watt.



A. MATCH PAD, 20 DB



B. SHUNT LOAD RESISTOR
TM5820-590-35-88

Figure 3-1. Test adapters, fabrication.

- (10) Resistor, 800-ohm, 4-watt.
- (11) Resistor, 900-ohm, 1/2-watt.
- (12) Resistor, 1,000-ohm, 1-watt.
- (13) Hewlett-Packard TEE Connector No. 11042A (T-connector).
- (14) Potentiometer, 5,000-ohm.
- (15) Potentiometer, 2,000-ohm.
- (16) Resistor, 10,000-ohm, 1 watt.

f. Frequency Synthesizer Signal. Whenever an aligned frequency synthesizer module is available, it may be used in place of a signal generator to supply the frequency synthesizer signal.

3-2. Frequency Synthesizer Module (fig. 3-5 and 3-7)

Troubleshoot the frequency synthesizer module as given in *a* through *r* below.

- a.* Connect a 100-ohm, 1/2-watt load between ground and P601 (fig. 3-2 and 3-3).
- b.* Connect Electronic Voltmeter AN/URM-

145 (or equivalent) and Oscilloscope AN/USM-140B to a T-connector as illustrated in figure 3-2.

c. Connect the remaining connector of the T-connector to P601.

d. Connect the AN/USM-140B vertical output signal to Counter, Electronic Digital Readout AN/USM-207 (or equivalent).

e. Connect the positive (+) terminal of Power Supply HP6439A No. 1 (or equivalent) to pin 3 of TB601 and the negative (-) terminal to ground.

f. Set power supply No. 1 for an output of 9 volts ± 5 percent, 50 ma.

g. Connect the positive terminal of Power Supply HP6439A No. 2 (or equivalent) to pin 1 of TB601 and the negative terminal to ground.

h. Add a jumper wire between pins 1 and 2 of TB601.

i. Set power supply No. 2 to 12 volts ± 10 percent, 225 ma to energize transmit relay K1 and calibrate relay K2.

j. Turn all frequency control knobs fully clockwise (17.999 mc).

k. Adjust calibrate capacitor C628 (fig. 3-4) for a frequency indication of 19,740 kc on the frequency meter. The output level indication on the AN/URM-145 should be between 50 and 300 mv rms. The output waveform as viewed on Oscilloscope AN/USM-140B should have no amplitude modulation or mixed frequencies. Harmonic (waveform) distortion may occur. These output level and waveform conditions should hold for all test frequencies.

l. Remove the jumper wire from between terminals 1 and 2 of TB601.

m. Check to see that the output frequency is 19,749 kc ± 50 cps.

n. Rotate each frequency control one position counterclockwise.

o. Repeat the procedure given in *k*, *l*, and *m* above for all frequency control positions as

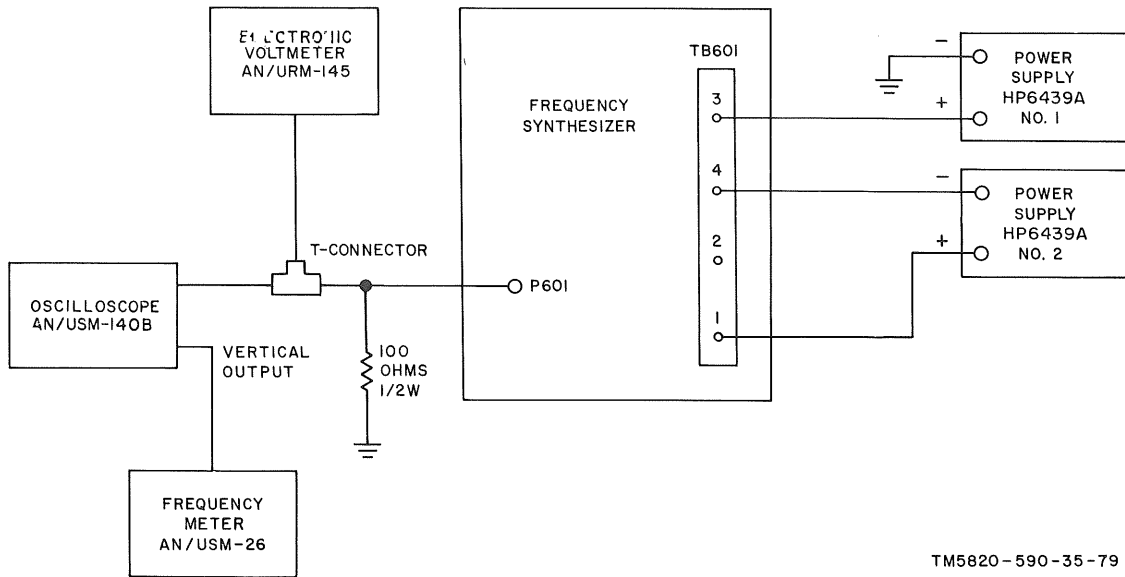


Figure 3-2. Frequency synthesizer, troubleshooting test setup.

TM5820-590-35-79

shown in the following chart. The *calibrate frequency* setting should be obtained when terminals 1 and 2 of TB601 are connected as in *h* above.

Oscillator switch digit settings	Calibrate frequency (± 10 cps)	Output frequency (± 20 cps)
17,999	19,740	19,749
16,888	18,630	18,638
15,888	17,520	17,527
14,666	16,410	16,416
13,555	15,300	15,305
12,444	14,190	14,194
11,333	13,080	13,083
10,222	11,970	11,972
9,111	10,860	10,861
8,000	9,750	9,750
7,000	8,750	8,750
6,000	7,750	7,750
5,000	6,750	6,750
4,000	5,750	5,750
3,000	4,750	4,750
2,000	3,750	3,750

p. Check to see that the output frequency is as shown in the chart below.

q. If any of the output frequencies are not as indicated, perform the alignment instructions (para 3-22).

r. If a synthesizer stage cannot be aligned (fig. 3-31) or if the RF voltage measured is not as indicated, check the stage that is being

aligned for defective circuit components. Replace defective components as required (para 3-9).

3-3. RF Module

a. Receive Test.

(1) Connect Generator, Signal AN/GRM-50 (or equivalent) through a 20-db match pad (fig. 3-1) to J702 (fig. 3-8 and 3-9).

(2) Set the AN/GRM-50 to 2,001 kc ± 1 percent at 100 millivolts.

(3) Connect an AN/URM-25D (or equivalent) to J703.

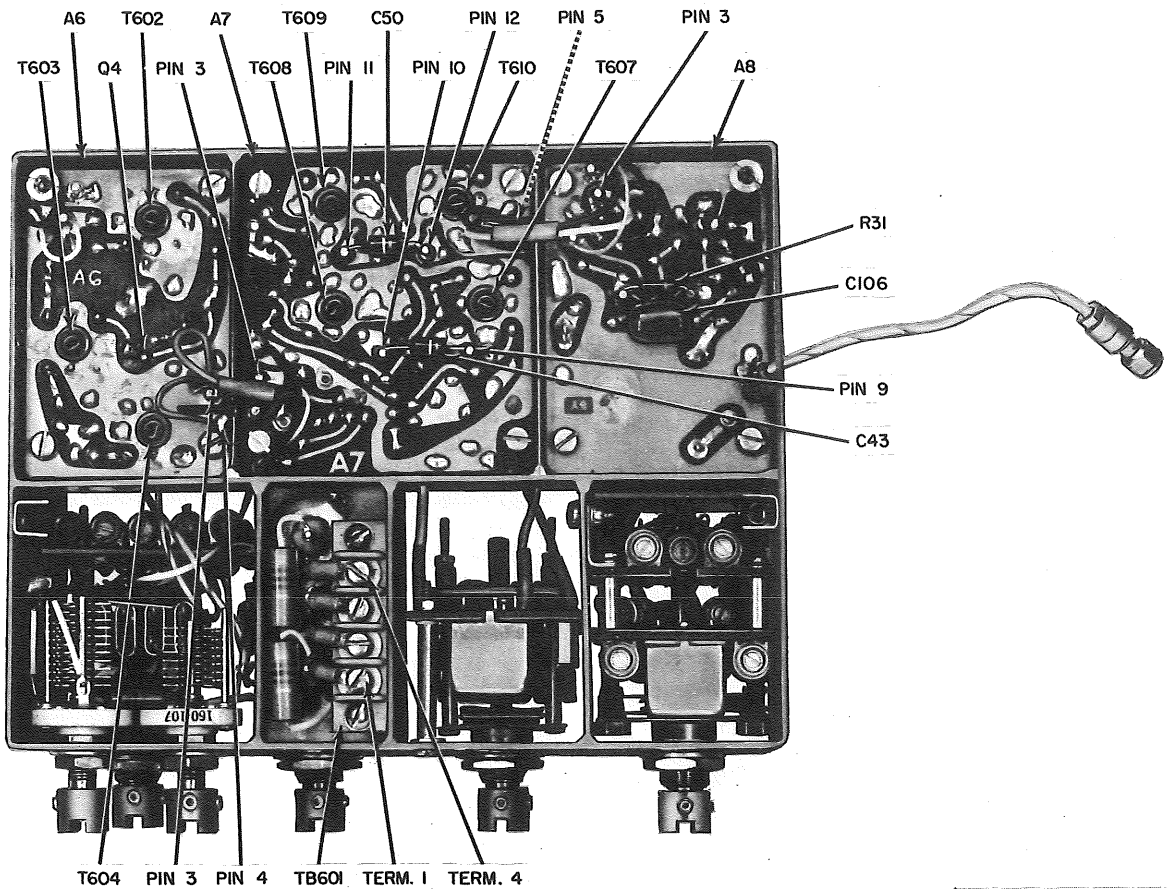
(4) Set the AN/URM-25D to 3,750 kc ± 0.005 percent at 100 millivolts rms.

(5) Connect a 100-ohm, $\frac{1}{2}$ -watt resistor to J705.

(6) Connect Electronic Voltmeter AN/URM-145 (or equivalent) across the load.

(7) Connect the positive output terminal of Power Supply HP6439A (or equivalent) to terminal 3 of TB701, and connect the negative terminal to terminal 4 of TB701.

(8) Connect a voltage divider consisting of a 1-kilohm resistor and a 5-kilohm potentiometer across the output of the power supply.



TM5820-590-35-1-C1-16

Figure 3-3. Frequency synthesizer module, bottom view.

(9) Connect the arm of the 5-kilohm potentiometer to terminal 2 of TB701.

(10) Set bandswitch S1 (fig. 3-9) to band 1 (fully counterclockwise).

(11) Set the power supply for an output of 9 volts \pm 5 percent, 100 ma.

(12) Adjust the 5-kilohm potentiometer for a maximum output as indicated on the AN/URM-145.

(13) Adjust C701 (fig. 3-9) for a maximum indication on the AN/URM-145.

(14) Check to see that the output across the load is 30 millivolts rms or greater.

(15) Repeat the test for other frequency bands, as shown in the chart below.

AN/URM-25D frequency (kc)	Band	AN/GRM-50 frequency (kc)
3,750	1	2,001
5,750	2	4,001
8,750	3	7,001
13,750	4	12,001

(16) If an output of less than 30 millivolts is indicated for any of the frequencies given in (15) above, leave the test equipment connected in this manner, and perform alignment procedures for the RF module (para 3-23).

(17) If the RF module cannot be aligned as described in paragraph 3-23, connect the test equipment as shown in figure 3-8 (receive mode), and perform the procedures given in (a) through (j) below.

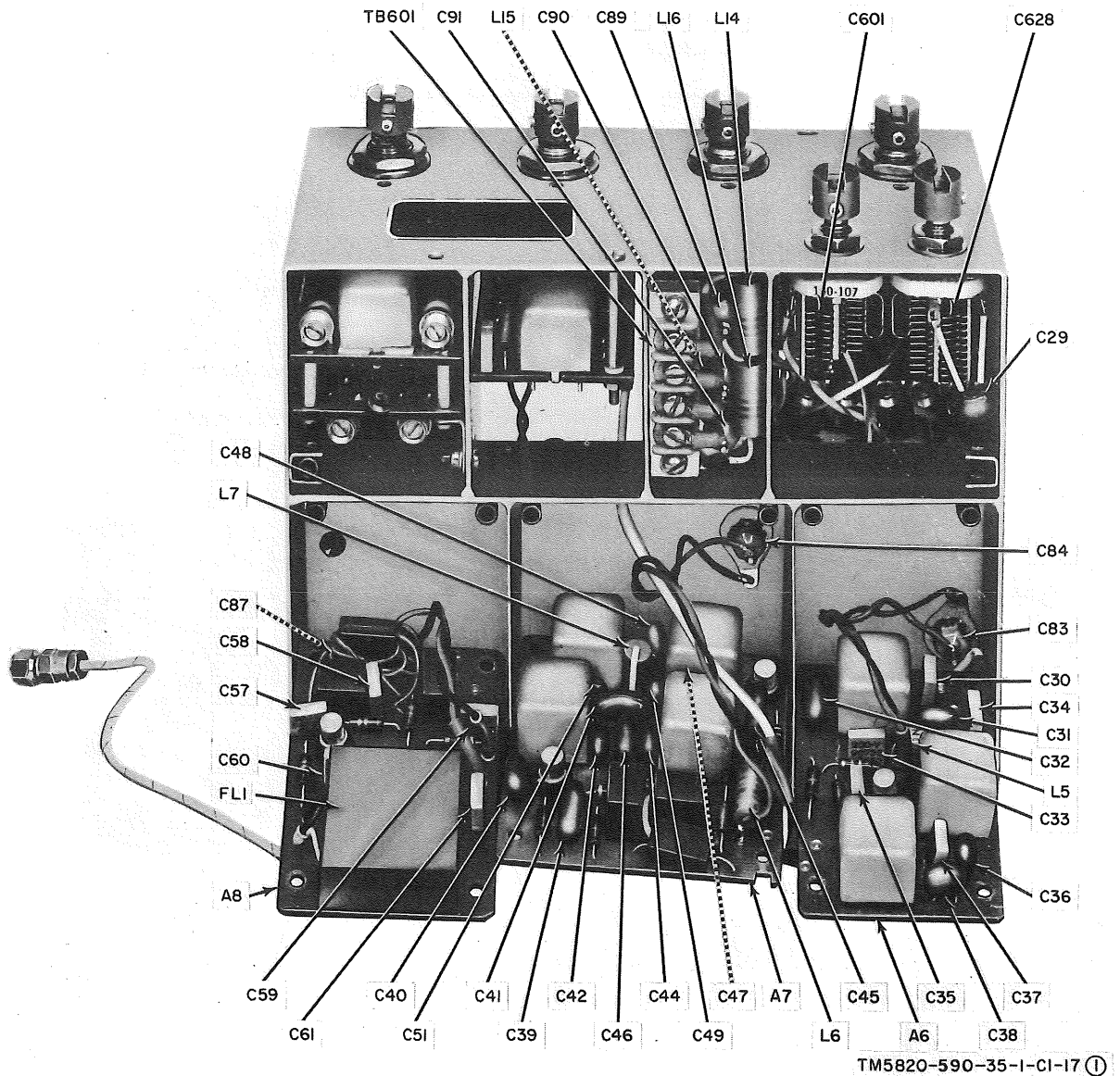


Figure 3-4①. Frequency synthesizer module, bottom view, circuit boards removed
(part 1 of 2).

NOTE

If voltage measurements for all frequency bands were below 30 millivolts, check transistors Q1 and Q2 and associated circuits as described in (j) below.

(a) Connect Oscilloscope AN/USM-140B to pin 2 of balanced mixer Z1 (fig. 3-9).

(b) Connect Frequency Meter AN/USM-207 to the vertical output of Oscilloscope AN/USM-140B.

(c) Check for an RF tuned circuit output frequency of 2 mc on the frequency meter.

(d) If an output frequency of 2,001 kc is not indicated on the frequency meter, the RF tuned circuit is defective. Check the RF

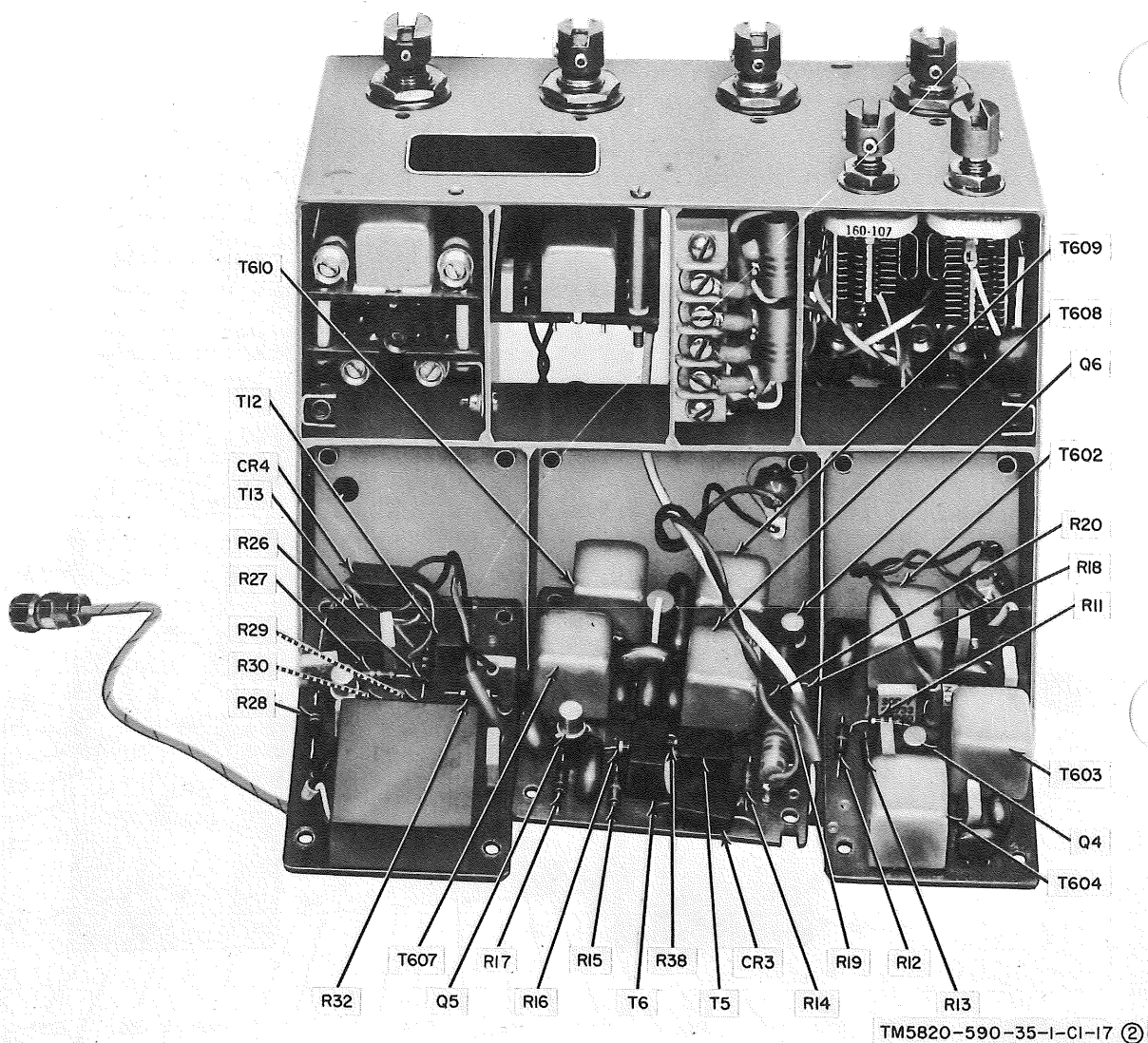


Figure 3-4②. Frequency synthesizer module, bottom view, circuit boards removed (part 2 of 2).

tuned circuit for defective components. Replace as required (paras 3-11 and 3-12).

(e) Connect the AN/USM-140B to pin 3 of Z1.

(f) Keep the frequency meter at the vertical output of Oscilloscope AN/USM-140B.

(g) Check for a synthesizer tuned frequency of 3,750 kc.

(h) If a frequency of 3,750 kc is not

indicated on the frequency meter, the synthesizer tuned circuit is defective. Check the synthesizer tuned circuit for defective components. Replace as required (para 3-11).

(i) If frequency measurements at pins 2 and 3 of Z1 are as indicated, check for defective balanced mixer Z1, transformer T717, or capacitor C38. Replace as required (para 3-11).

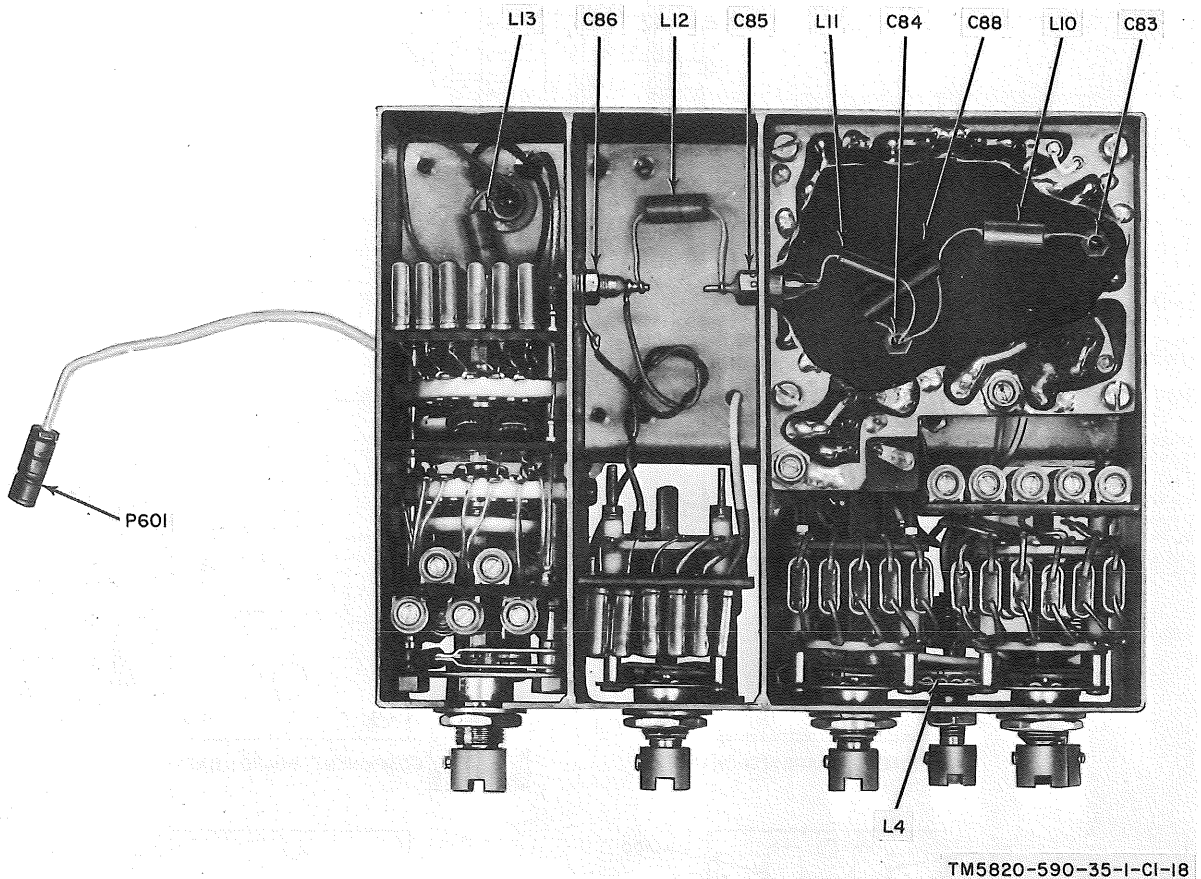


Figure 3-5. Frequency synthesizer module, top view, circuit board A5 removed.

(j) Using Multimeter ME-26B/U (or equivalent), check RF amplifier Q1 and synthesizer amplifier Q2 as shown in the chart below.

Transistor	Approx voltage		
	E	B	C
Q1	+0.3	+0.16	+8
Q2	+0.85	+1.4	+5.7

NOTE

Figures 3-10 and 3-11 show the physical location of the components in the RF module.

b. Transmit Mode.

(1) Connect a 100-ohm, 1/2-watt resistor to J704 (fig. 3-8).

(2) Connect Electronic Voltmeter AN/URM-145 (or equivalent) across the load resistor.

(3) Connect the Power Supply HP6439A No. 1 positive lead to pin 3 of TB701 and the negative lead to pin 4 of TB701 (fig. 3-9).

(4) Connect the Power Supply HP6439A/U No. 2 positive lead to pin 1 of TB701 and the negative lead to pin 4 of TB701.

(5) Set power supply No. 2 to 12 volts ± 10 percent, 500 ma.

(6) Set power supply No. 1 to 9 volts ± 5 percent, 100 ma.

(7) Connect the AN/GRM-50 (or equivalent) through the 20-db match pad (fig. 3-1) to J705.

(8) Set the AN/GRM-50 for an output frequency of 1,750 kc at 260 millivolts.

(9) Connect the AN/URM-25D (or equivalent) to J703 (fig. 3-8).

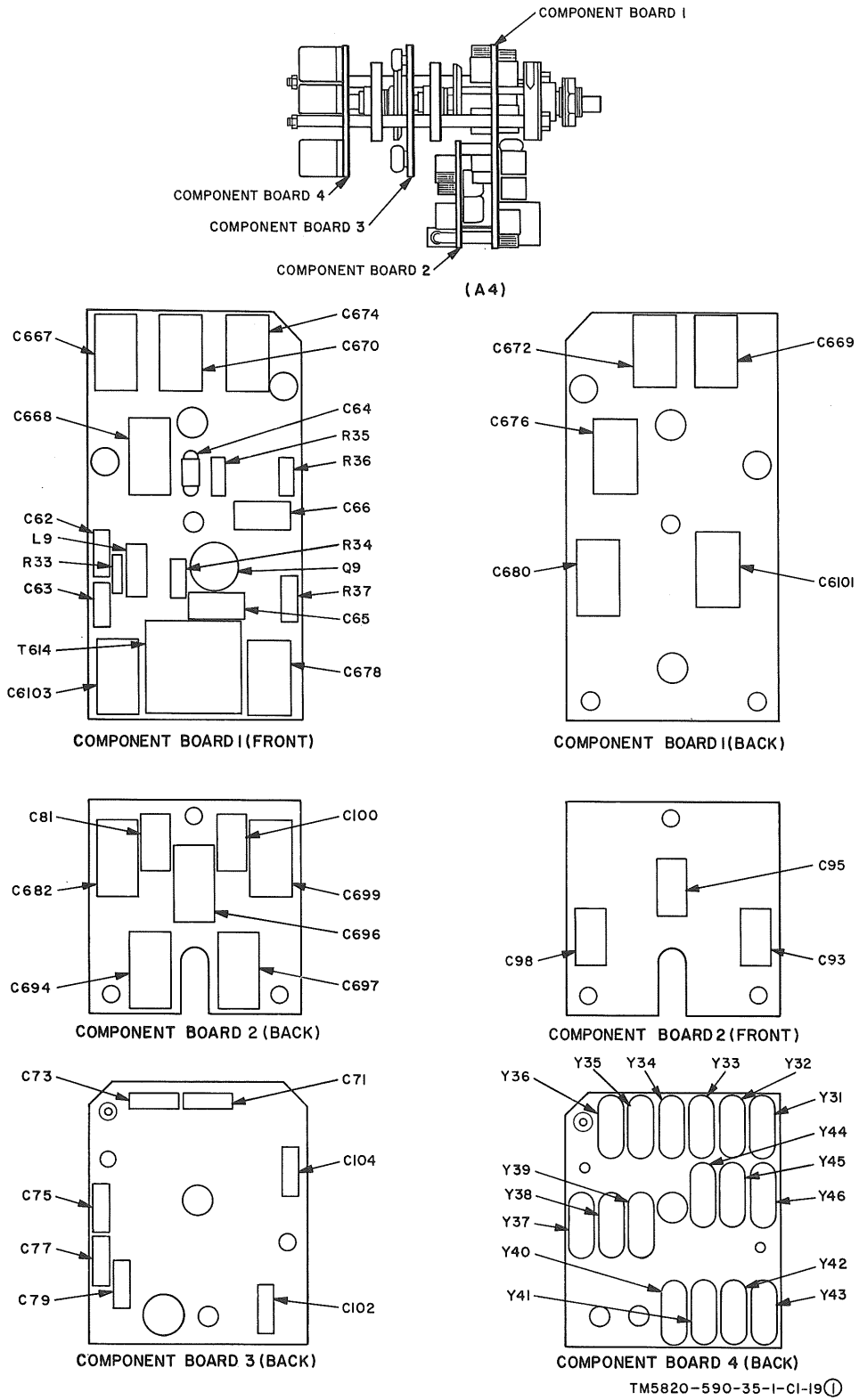


Figure 3-6①. Frequency synthesizer module, switch components board (part 1 of 2).

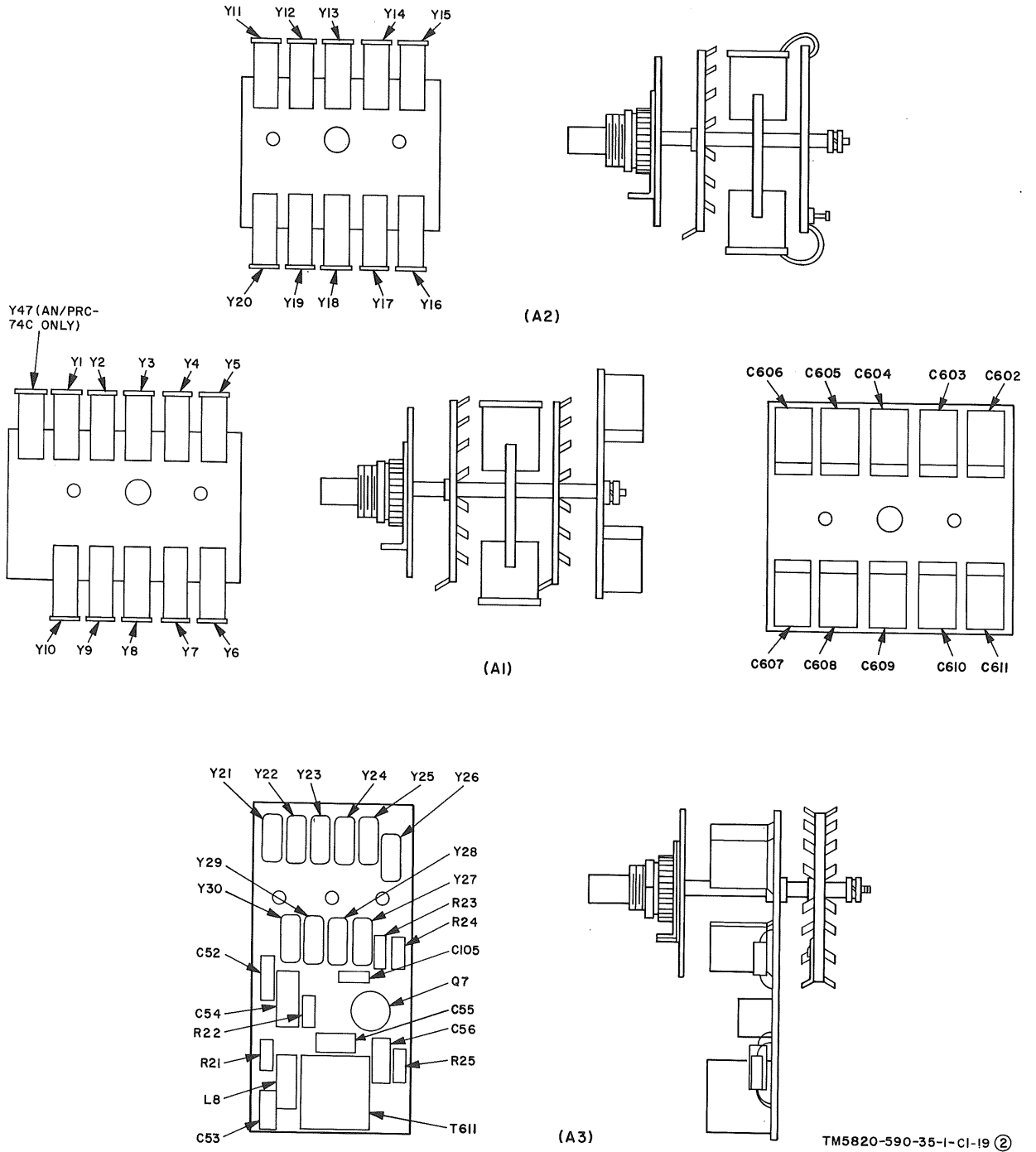
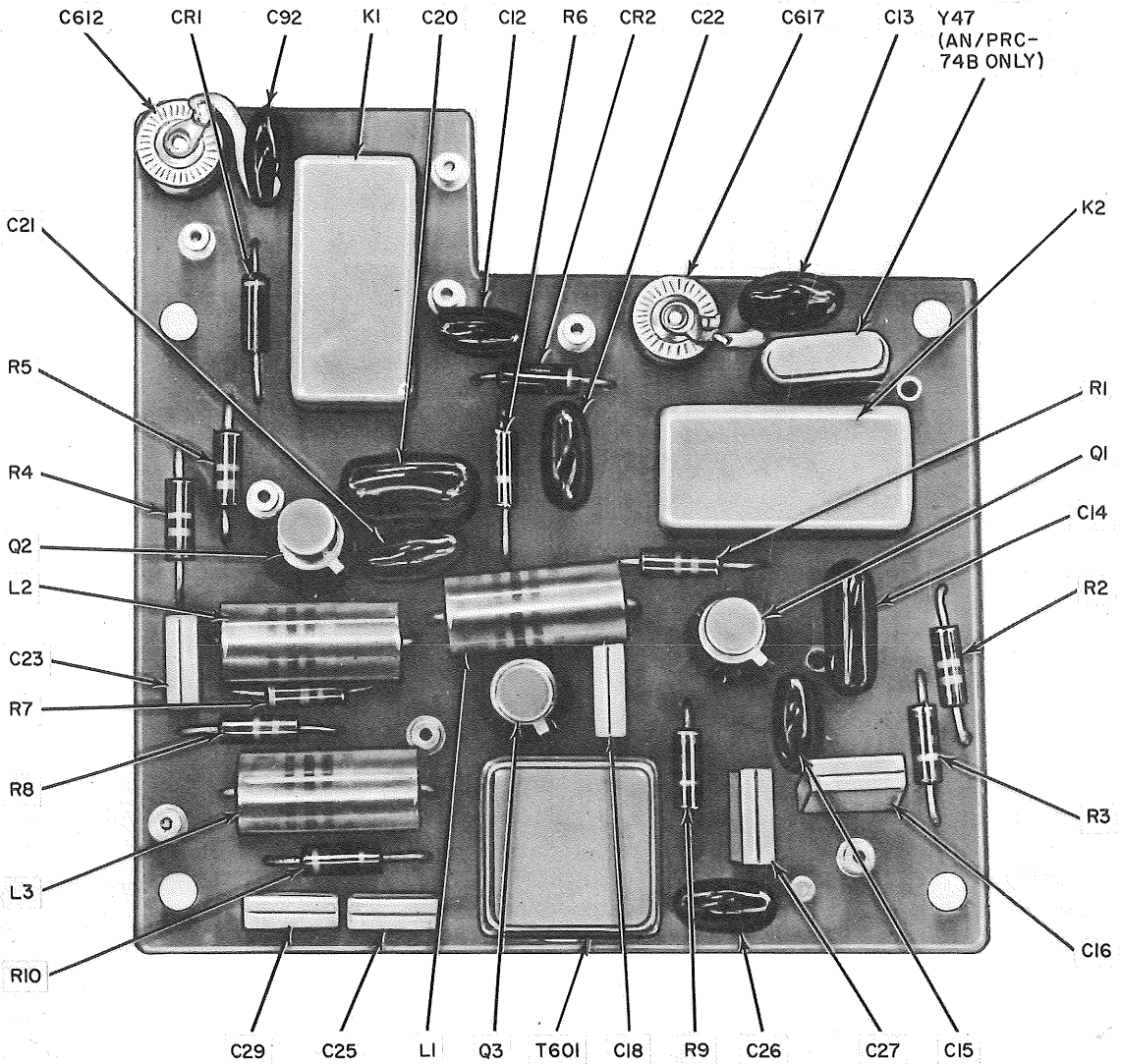


Figure 3-6②. Frequency synthesizer module, switch component boards (part 2 of 2).



TM5820-590-35-1-C1-20

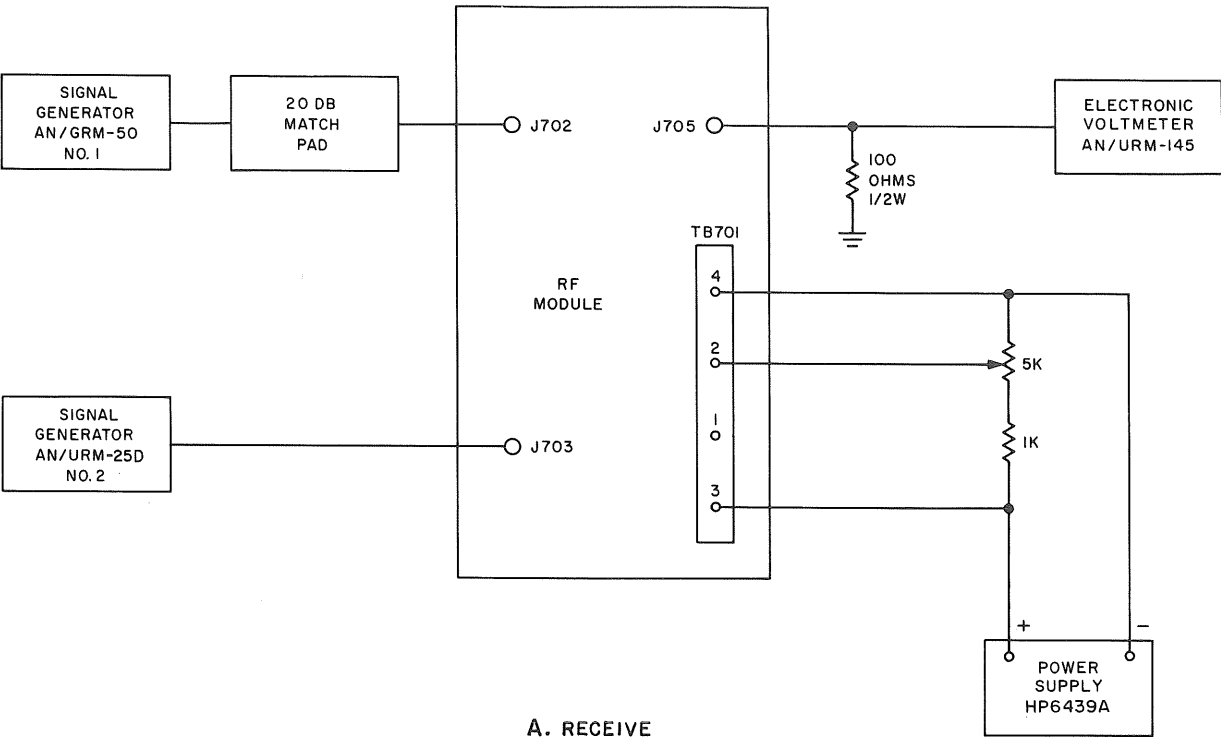
Figure 3-7. Circuit board A5, location of components.

- (10) Set the AN/URM-25D for an output frequency of 5,750 kc at 100 millivolts.
- (11) Set bandswitch S1 (fig. 3-9) to band 1 (fully counterclockwise).
- (12) Adjust C701 for maximum output as indicated on the AN/URM-145.
- (13) Check to see that the output at J704 is 70 millivolts, minimum.
- (14) Repeat the test for frequencies in other bands as shown in the chart below, and adjust C701 for maximum output for each setting.

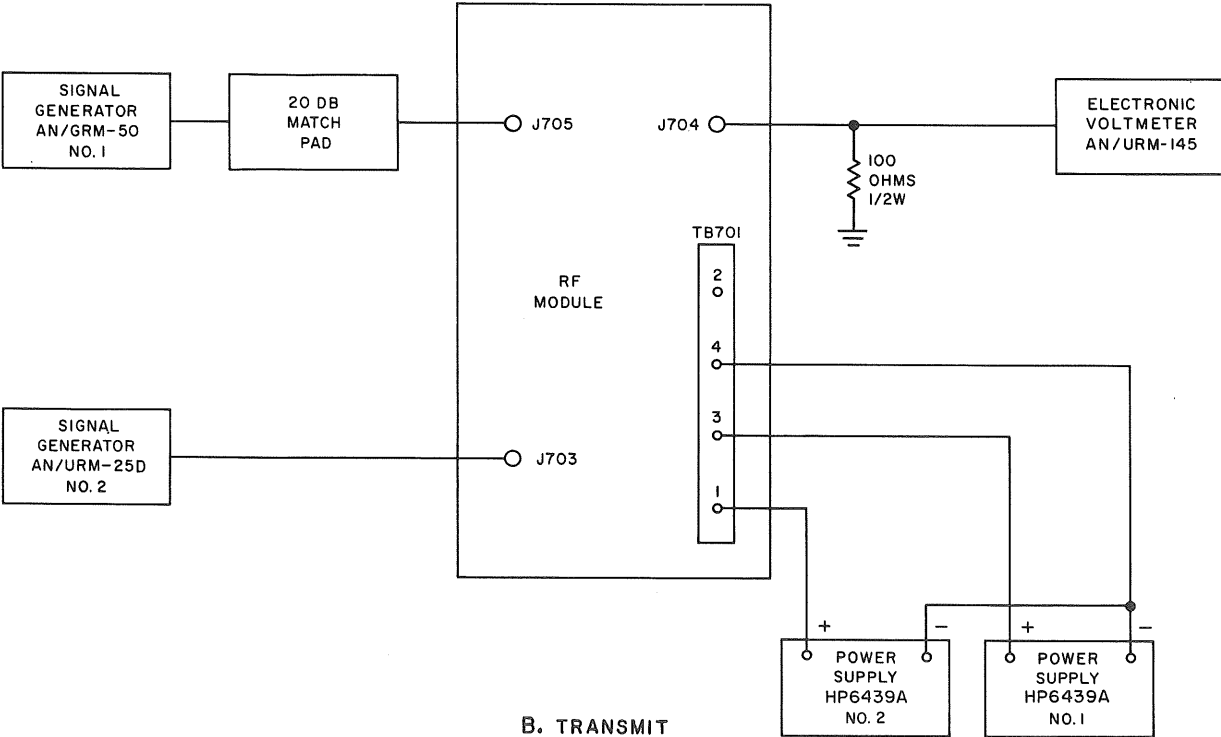
AN/URM-25D frequency (kc)	Band
3,750 -----	1
5,750 -----	2
8,750 -----	3
13,750 -----	4

(15) If an output of less than 70 millivolts rms is indicated for any of the frequencies as shown in (14) above, leave the test equipment connected as it is and perform alignment procedures for the RF module (para 3-23).

(16) If the RF module cannot be aligned



A. RECEIVE



B. TRANSMIT

TM5820-590-35-1-21

Figure 3-8. RF module troubleshooting test setup.

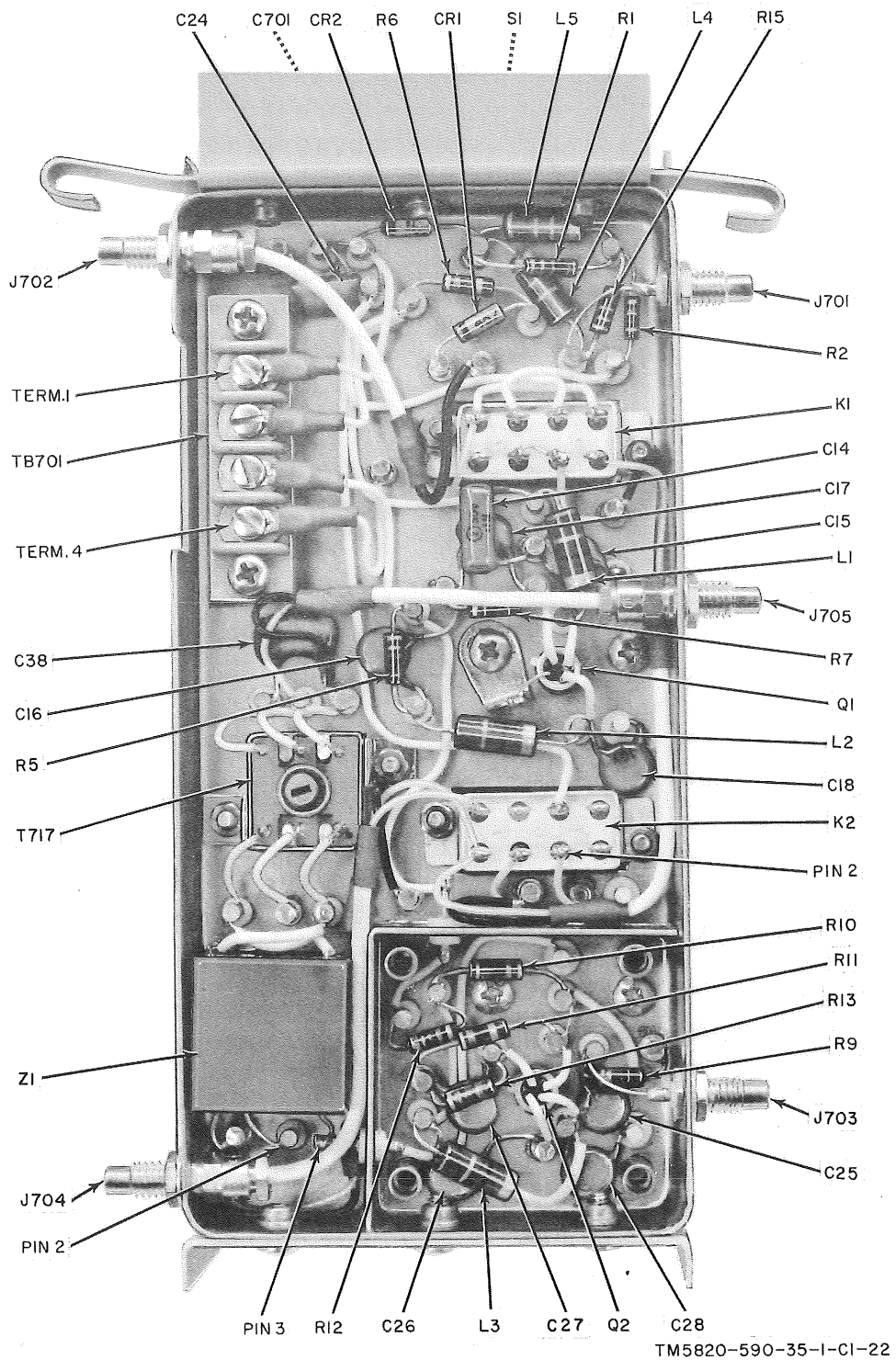


Figure 3-9. RF module, top view.

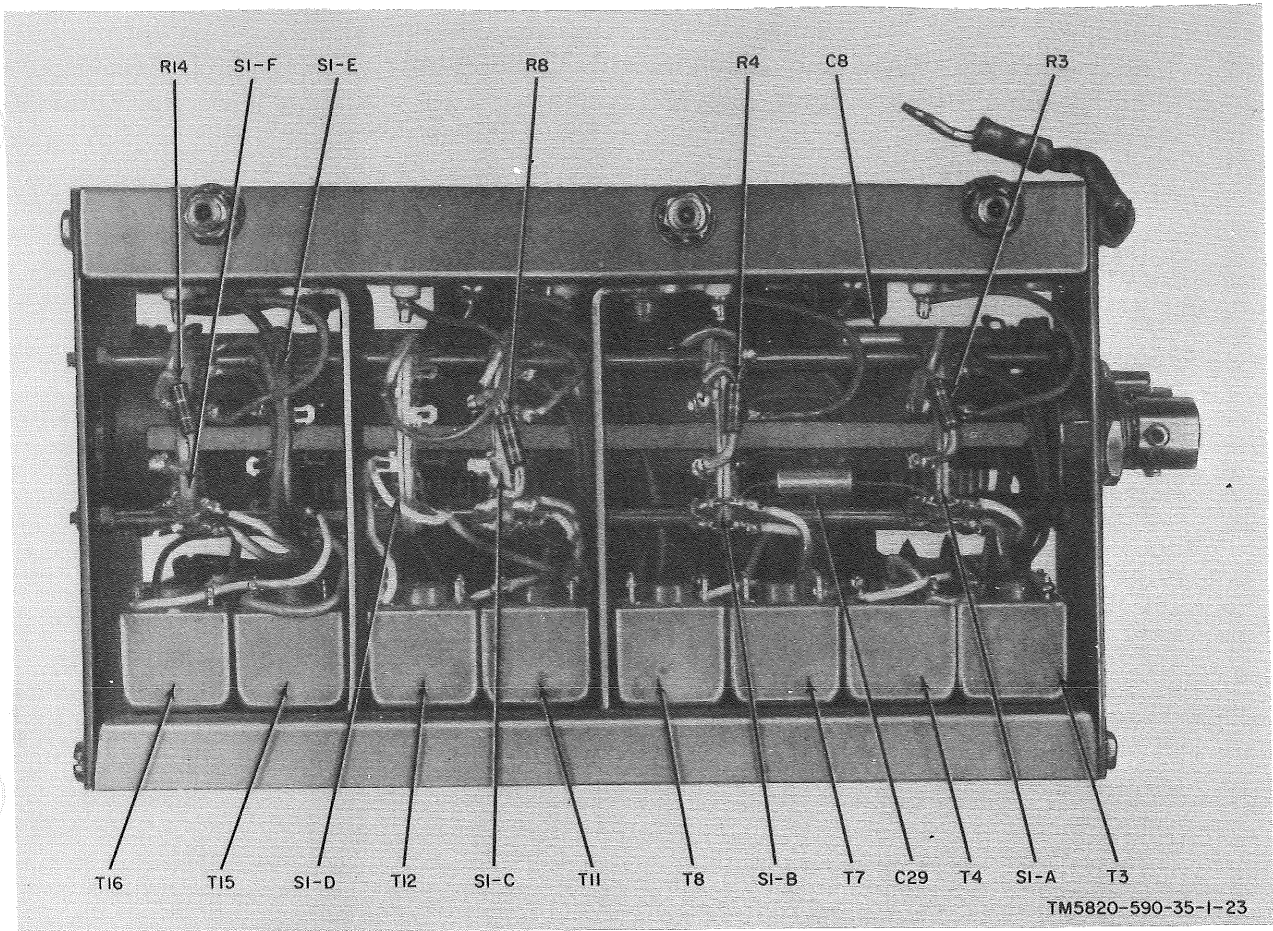


Figure 3-10. RF module, left-hand view.

as indicated in paragraph 3-23, check the RF module as described in *a*(17)(*a*) through (*j*) above; also check for defective relays K1 and K2. Replace the defective components as required (para 3-11 and 3-12).

3-4. If. Audio Module

a. Receive Test.

(1) Connect the IF audio module to the test equipment as shown in A, figure 3-12.

(2) Set power supply No. 1 to 9 volts at 50 milliamperes. Set power supply No. 2 to OFF.

(3) Set the AN/URM-25D to 1.750 mc at 1.0 volt rms. Set the AN/GRM-50 to 1.749 mc at 30 microvolts rms.

(4) Tune the AN/GRM-50 to obtain a

1-kc output at TB202, pin 1, as indicated by the AN/USM-207. The output at TB202, pin 1, as indicated by the ME-26B/U shall be greater than 1.0 volts rms. Adjust the 2,000-ohm potentiometer for a maximum deflection on the ME-26B/U.

(5) Set power supply No. 2 to 12 volts at 500 milliamperes. Vary the frequency of the AN/GRM-50 between 1.749 mc and 1.751 mc while observing the ME-26B/U and the AN/USM-207 indications. The ME-26B/U shall indicate not less than 1.0 volt rms. The AN/USM-207 shall indicate a decrease from 1 kc to 0 cps, then an increase to 1 kc.

(6) Adjust the level of the AN/GRM-50 to obtain 1.0 volt rms at TB202, pin 1.

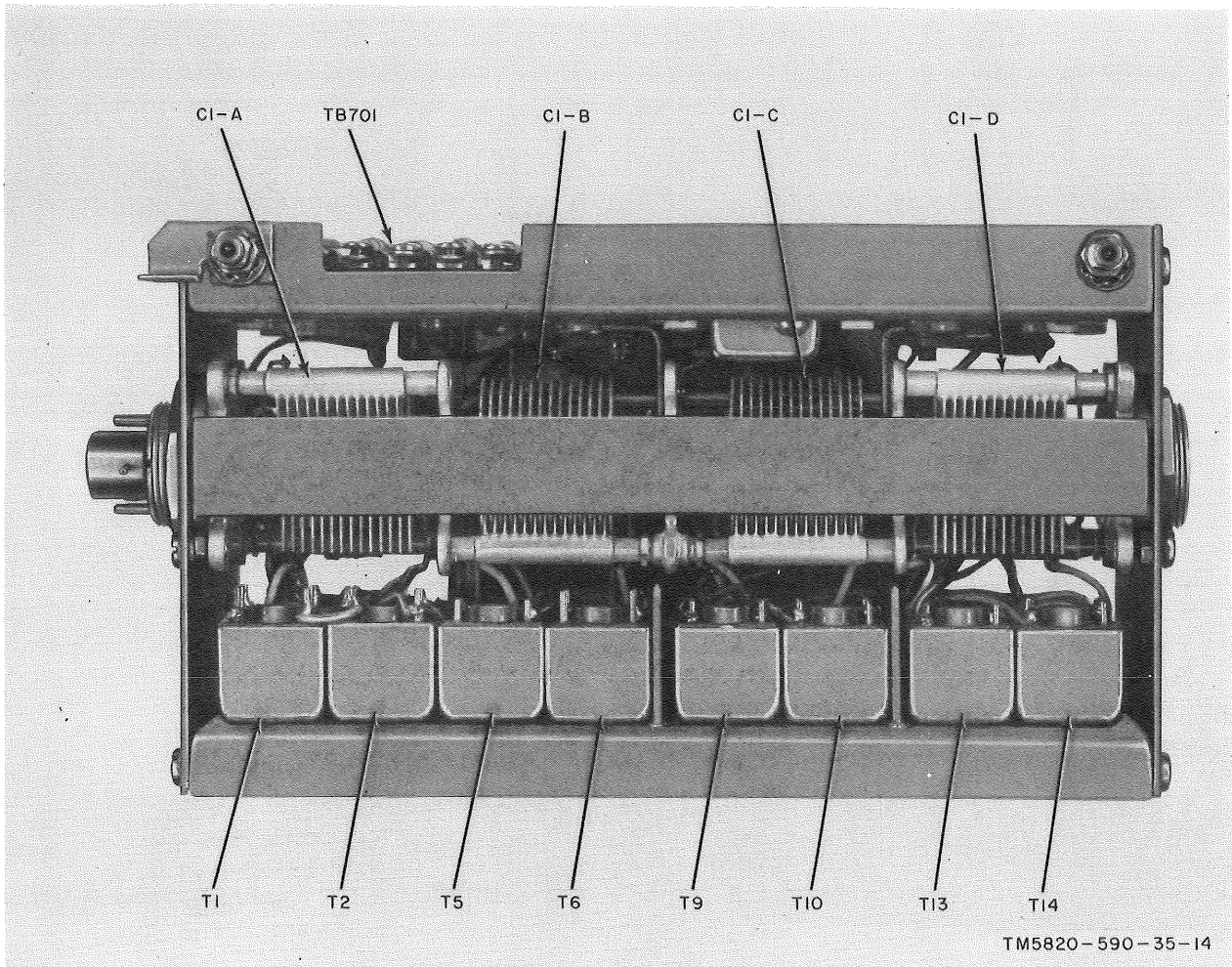


Figure 3-11. RF module, right-hand view.

(7) Set power supply No. 2 to OFF. The output at TB202, pin 1, shall be less than 0.1 volt rms.

(8) Set the AN/GRM-50 to 1.749 mc at 3.0 millivolts. Adjust the 2,000-ohm potentiometer for an output of 1.4 rms as indicated on the ME-26B/U. Adjust the frequency of the AN/GRM-50 for a maximum indication on the ME-26B/U. Reduce the output of AN/GRM-50 to 100 microvolts. Adjust the 2,000-ohm potentiometer for an output of 1.4 volts rms on the ME-26B/U. Vary the frequency of the AN/GRM-50 between 1.7497 mc and 1.7473 mc while observing the ME-26B/U and the AN/USM-207. The ME-26B/U shall not indicate below 1.0 volt rms at any frequency between

the two extremes. The AN/USM-207 shall show an increase from 300 to 2,700 cps.

(9) If any of the tests in (1) through (8) above fail, leave the test equipment connected and perform alignment as indicated in paragraph 3-24.

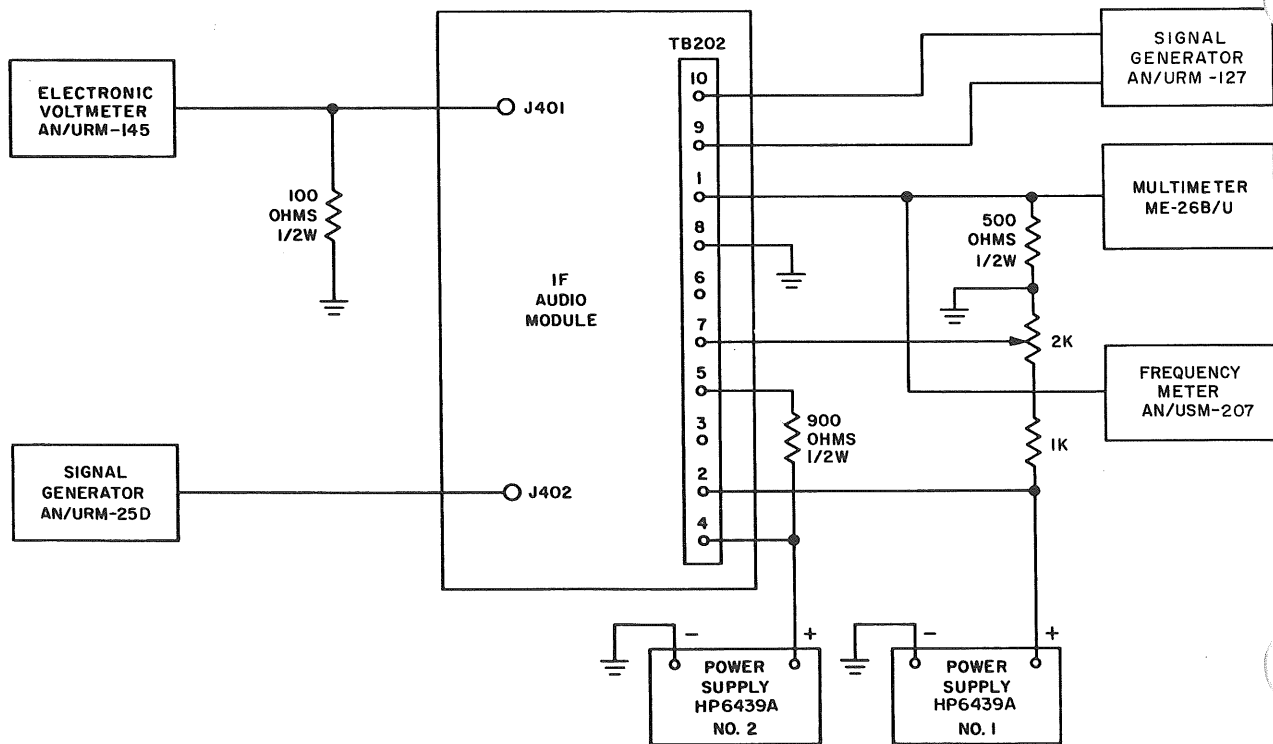
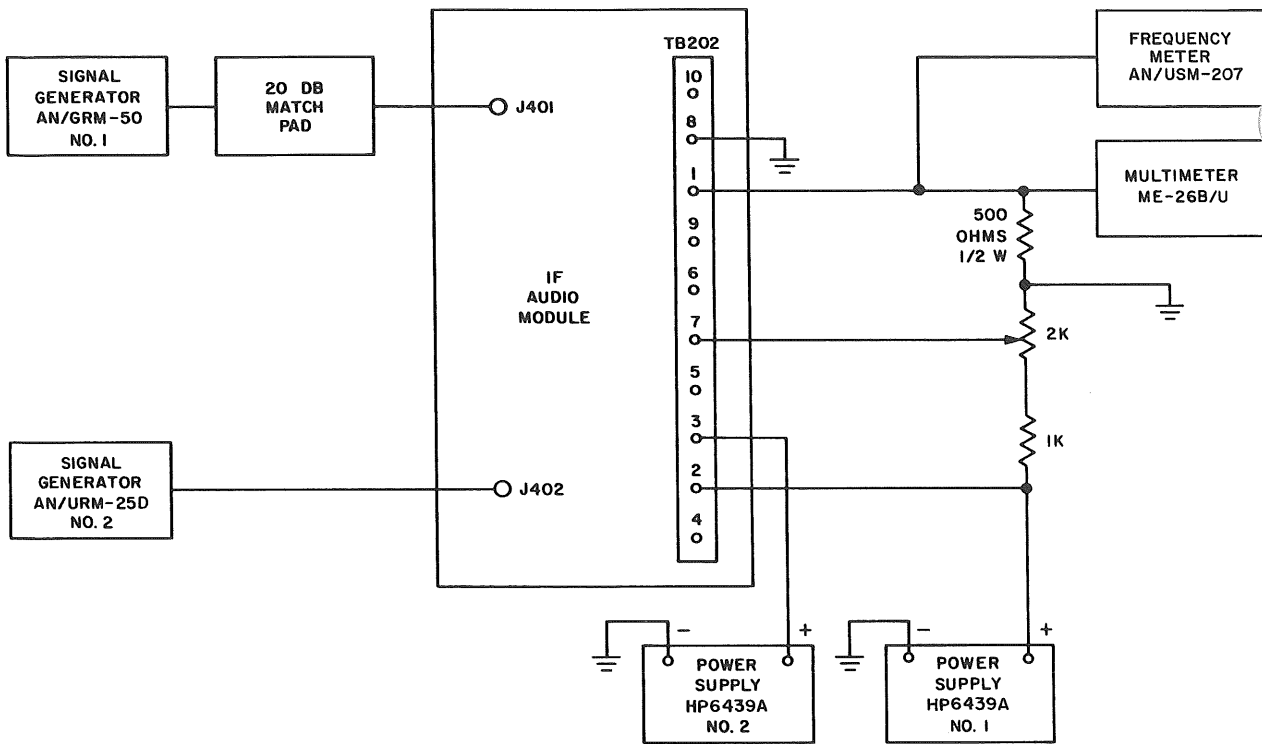
(10) If alignment cannot be performed, troubleshoot the IF audio module as follows:

(a) Remove IF audio amplifier A1 (para 3-13).

(b) Check IF audio amplifier A1 for defective components.

b. Transmit Test.

(1) Connect the IF audio module to the test equipment as shown in B, figure 3-12.



TM5820-590-35-C2-81

Figure 3-12. IF audio module test setup.

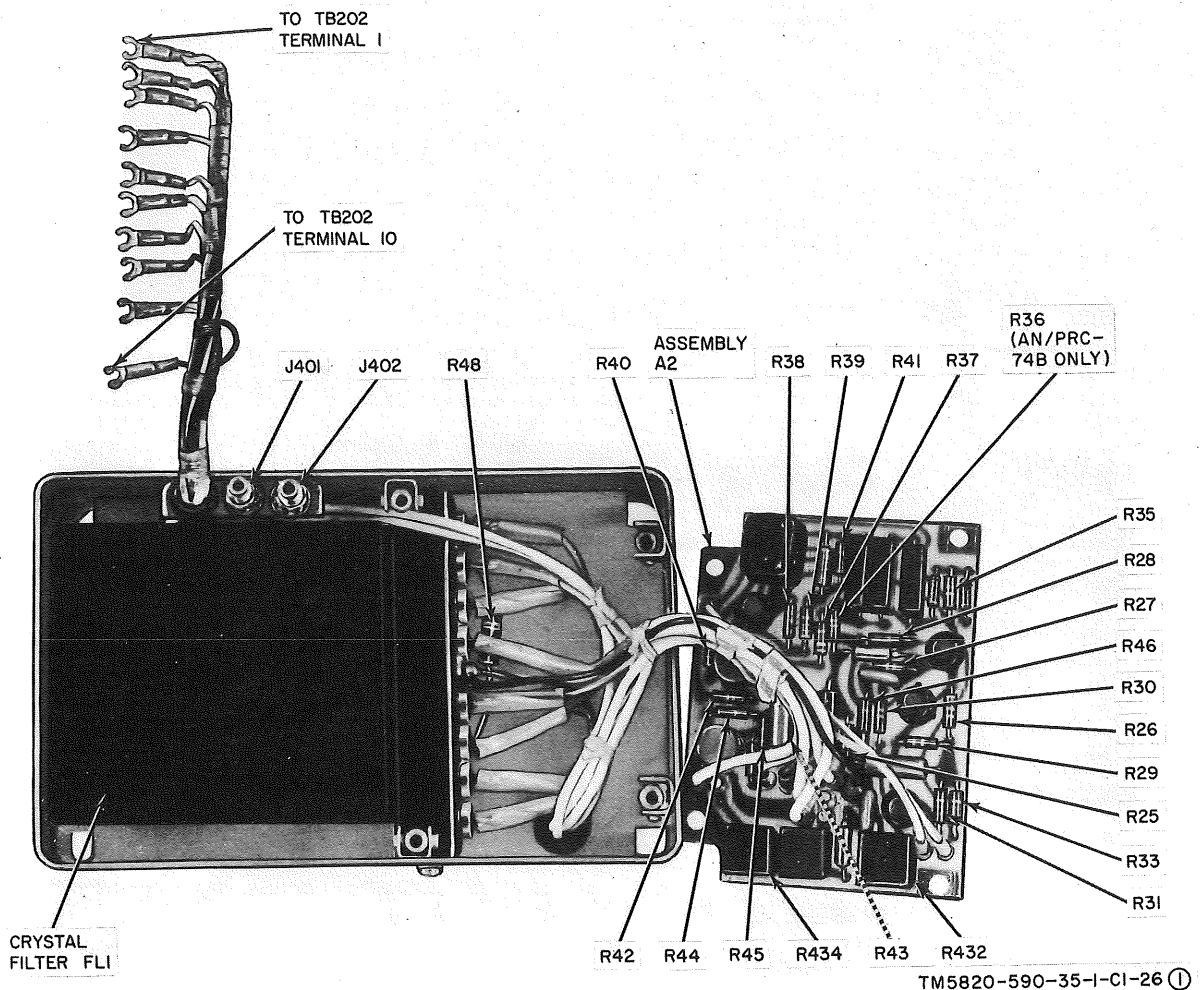


Figure 3-13①. IF audio module front view, component boards removed (part 1 of 2).

(2) Set power supply No. 1 to 9 volts at 50 milliamperes. Set power supply No. 2 to 12 volts at 500 milliamperes.

(3) Connect a clip head lead from pin 8 of TB202 to pin 6. An output of 0.2 volt rms or greater, at a frequency of 2,000 cps \pm 150 shall be observed at TB202, pin 1, as indicated by the ME-26B/U and the AN/USM-207, respectively.

(4) Set the AN/URM-25D to 1.750 mc at 1.0 volt rms. The output at J401 as indicated by the AN/URM-145 shall be greater than 28 millivolts rms.

(5) Measure the voltage between pin 5

(+) of TB202 and pin 8 with the ME-26B/U. The voltage shall be less than +3.0 volts.

(6) While observing the ME-26B/U at TB202, pin 5, remove the clip head from TB202, pin 6. Approximately 1 second after clip lead has been removed, the ME-26B/U shall indicate 12 volts. The AN/URM-145 at J401 shall indicate less than 0.22 millivolt rms.

(7) Set the AN/URM-127 to 1 kc at 1.2 millivolt rms. The AN/URM-145 at J401 shall indicate 26 millivolts rms or greater.

(8) The output at TB202, pin 1, as indicated by the ME-26B/U shall be 0.2 volt rms or greater.

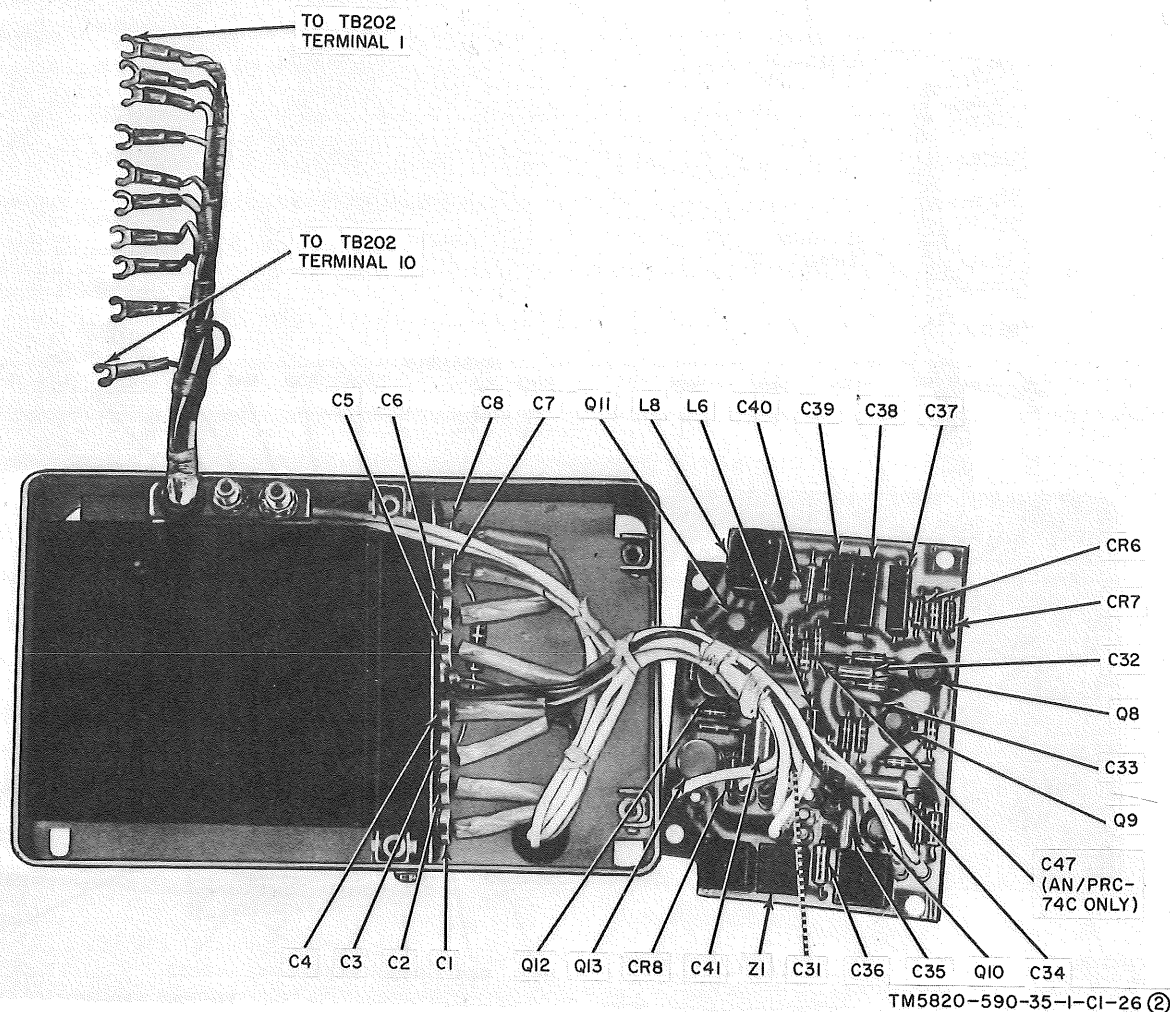


Figure 3-13(2). IF audio module front view, component boards removed (part 2 of 2).

(9) Tune the AN/URM-127 for a maximum output at J401. Set the input audio signal to obtain 26 millivolts at J401. Hold the input level constant, and vary the AN/URM-127 frequency from 300 to 2,700 cps. The output at J401 shall not fall below 18.4 millivolts rms at any frequency between 300 and 2,700 cps.

(10) If any of the tests in (3) through (9) above fail, leave the test equipment connected and perform alignment as indicated in paragraph 3-24.

(11) If alignment cannot be performed, troubleshoot the IF audio module as follows:

(a) If the test given in (3) above fails, refer to figure 6-10 and check the tone oscillator, the microphone amplifiers, and the audio amplifier.

(b) If the test given in (4) above fails, check the balanced mixer, IF preamplifier, crystal filter, and contacts of relays K1 and K3.

(c) If the procedure in (5) above fails, check the cw hold circuit.

(d) Disassembly instructions for the IF audio module are contained in paragraph 3-13.

5. Frequency Generator Module

a. Connect a 100-ohm, 1/2-watt resistor between P501 and ground and another 100-ohm resistor between P502 and ground (figs. 3-14 and 3-15).

b. Connect Oscilloscope AN/USM-140B across the load resistor at P501.

c. Connect the AN/USM-207 to the vertical output of the AN/USM-140B.

d. Connect Electronic Voltmeter AN/URM-145 across the load resistor connected to P501.

e. Connect power supply No. 1 across terminal 3 (-) and terminal 1 (+) of TB501.

f. Set power supply No. 1 for an output of 12 volts ± 10 percent.

g. Connect power supply No. 2 across terminal 3 (-) and terminal 2 (+) of TB501.

h. Set power supply No. 2 for an output of 9 volts ± 5 percent.

i. Check for an output frequency of 1,750 kc ± 10 cps at a level of 1.0 volt rms ± 10 percent on the AN/USM-207. If the indication is not correct, proceed to *l* below.

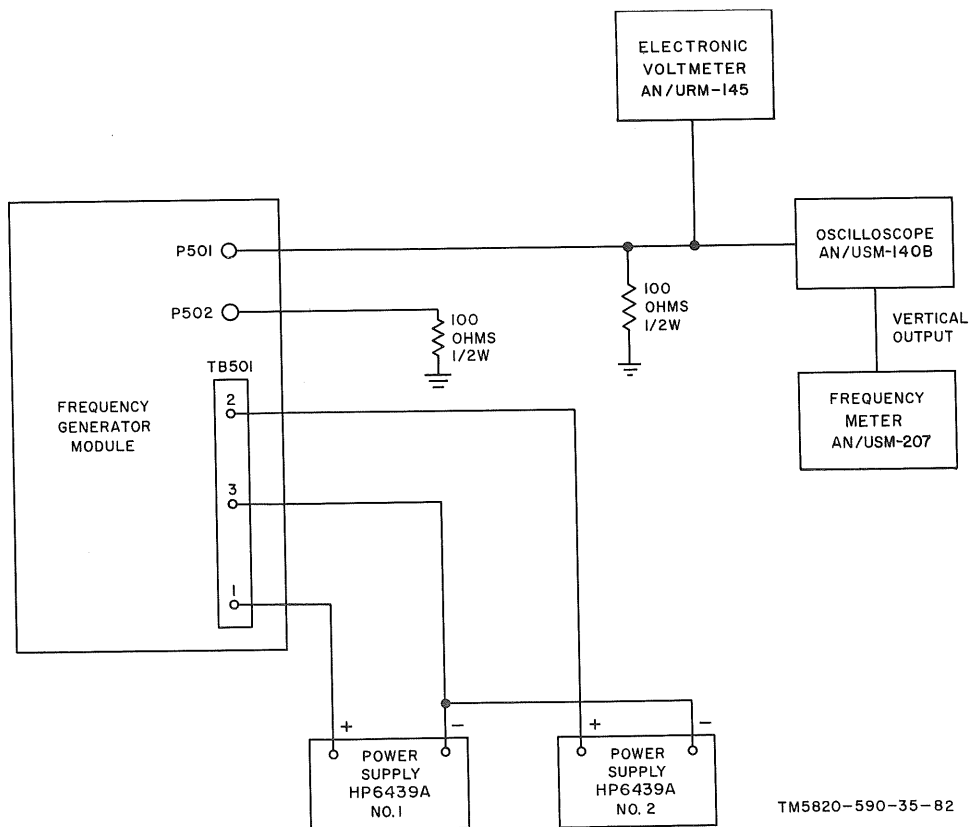
j. Except for the load resistor, disconnect the test equipment from P501 and connect it in the same manner to P502.

k. Check for an output pulse with a duration of 1.25 microsecond ± 0.25 and repetition rate of 10 kc ± 1.0 cps as measured on the AN/USM-207. The pulse amplitude should be 0.8 volt peak to peak ± 10 percent.

l. If the output is not as indicated in *i* or *k* above, leave the test equipment connected and follow the alignment instructions (para 3-25).

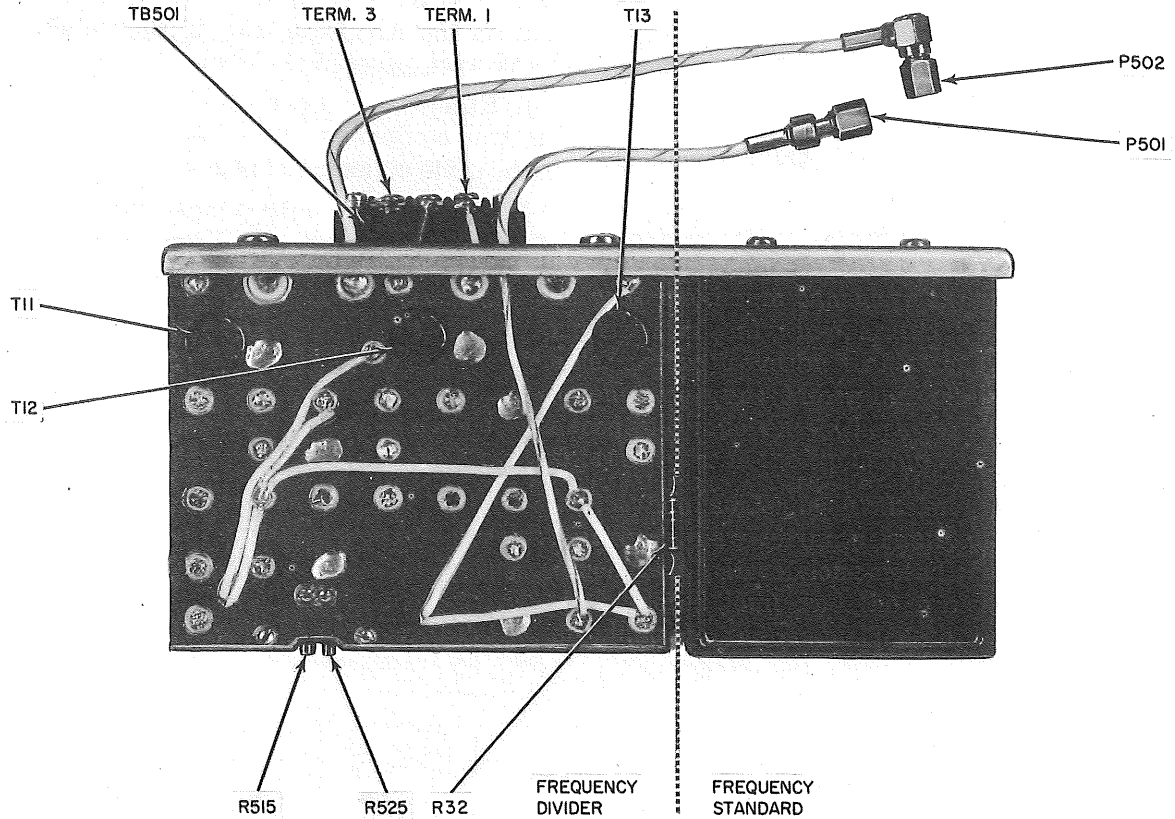
m. If the frequency generator module cannot be aligned as indicated, check it as follows:

(1) If an output as indicated in *i* above was not obtained at P501, the frequency standard is defective.



TM5820-590-35-82

Figure 3-14. Frequency generator test setup.



TM5820-590-35-1-CI-28

Figure 3-15. Frequency generator module, rear view.

(2) If an output as indicated in *k* above is not obtained at P502, the frequency divider is defective.

(3) Replace the frequency divider (paras 3-15 and 3-16), and return the defective unit to depot maintenance.

3-6. Deleted

Figure 3-16. Deleted.

Figure 3-17. Deleted.
 Figure 3-18. Deleted.
 Figure 3-19. Deleted.
 Figure 3-20. Deleted.

3-7. Deleted

Figure 3-21. Deleted.
 Figure 3-22. Deleted.
 Figure 3-23. Deleted.

Section II. REPAIRS

3-8. General Parts Replacement Techniques

Most parts of the radio set can be reached and replaced easily without special procedures. The precautions in *a* through *d* below apply.

a. Careless replacement of parts often makes new faults inevitable. Proceed as follows:

(1) Before a part is unsoldered, note the position of the leads. If the part, such as a transformer, has numerous leads, tag each lead before removing.

(2) Be careful not to damage other leads or parts by pushing or pulling them out of the way.

(3) Do not allow drops of solder to fall into the unit.

(4) A carelessly soldered connection may create a new fault. It is important to make well-soldered joints, because a poorly soldered joint is one of the most difficult faults to find.

b. Do not disturb the settings of variable coils, potentiometers, or capacitors unless specified.

c. Use a pencil-type soldering iron with a 25-watt maximum capacity. This unit is transistorized. If only ac-operated irons are available, use an isolation transformer. Do not use a soldering gun; damaging voltages can be induced in components. Check soldering irons for short circuits to the tip before using.

d. When soldering transistor leads, solder quickly; where wiring permits, use a heat sink (such as a pair of long-nosed pliers) between the soldered joint and the transistor. Use approximately the same length and dress of transistor leads as used originally.

e. (Applies to AN/PRC-74C only). When removing component bonded to surfaces of the module use a sharp knife to cut through the adhesive. When replacing component bond in the same place as removed component use adhesive (Hughes part number 760473 or equivalent).

3-9. Frequency Synthesizer Module Disassembly (fig. 3-24)

The procedures in *a* through *i* below will aid general support maintenance personnel in replacing individual components, or in complete disassembly of the frequency synthesizer module.

a. Module Covers. To remove the module covers, remove seven screws (1) and lift module covers (50 and 51) from chassis (49).

b. Component Boards (A5, A6, A7, and A8). Remove component boards ((6), (7), (8), or (9)) from the synthesizer module as follows:

(1) Remove studs (2), screws (3), lockwashers (4), and washers (5).

(2) Unsolder wire connections, and lift component board from chassis.

c. 1-Mc Switch Assembly A4 Removal. Remove 1-mc switch assembly A4 (14) as follows:

(1) Remove two setscrews (10) and coupler (11).

(2) Remove nut (12) and lockwasher (13).

(2.1) Remove screw (13A) and lockwasher (13B).

(2.2) (Applies to AN/PRC-74C only). Remove screw (13C), nut (13E), lockwasher (13F) and flat washer (13G).

(2.3) (Applies to AN/PRC-74C only). Remove screw (13D), nut (13E), lockwasher (13F) and flat washer (13G).

(3) Lift 1-mc switch assembly A4 (14) and unsolder the wire connections.

(4) Disassembly 1-mc switch assembly A4 (14) (fig. 3-25) as follows:

(a) (Applies to AN/PRC-74B only). Remove two rear nuts and washers attaching components to switch.

(a.1) (Applies to AN/PRC-74C only). Remove two rear locknuts and slide switch bracket from switch.

(b) Slide components and attaching parts from switch.

(c) Remove two front nuts.

d. 100-Kc Switch Assembly A3 Removal (fig. 3-24). Remove 100-kc switch assembly A3 (25) as follows:

(1) Remove nut (15) and lockwasher (16) and washer (17).

(2) Remove screw (18), glass washer (19), and spacer (20).

(3) Remove two setscrews (21) and coupler (22).

(4) Remove nut (23) and lockwasher (24).

(5) Lift 100-kc switch assembly A3 (25), and unsolder the wire connections.

(6) Disassemble 100-kc switch assembly A3 (fig. 3-25) as follows:

(a) Remove two nuts and washers attaching components to switch.

(b) Slide components and attaching parts from switch.

(c) Remove two mounting screws.

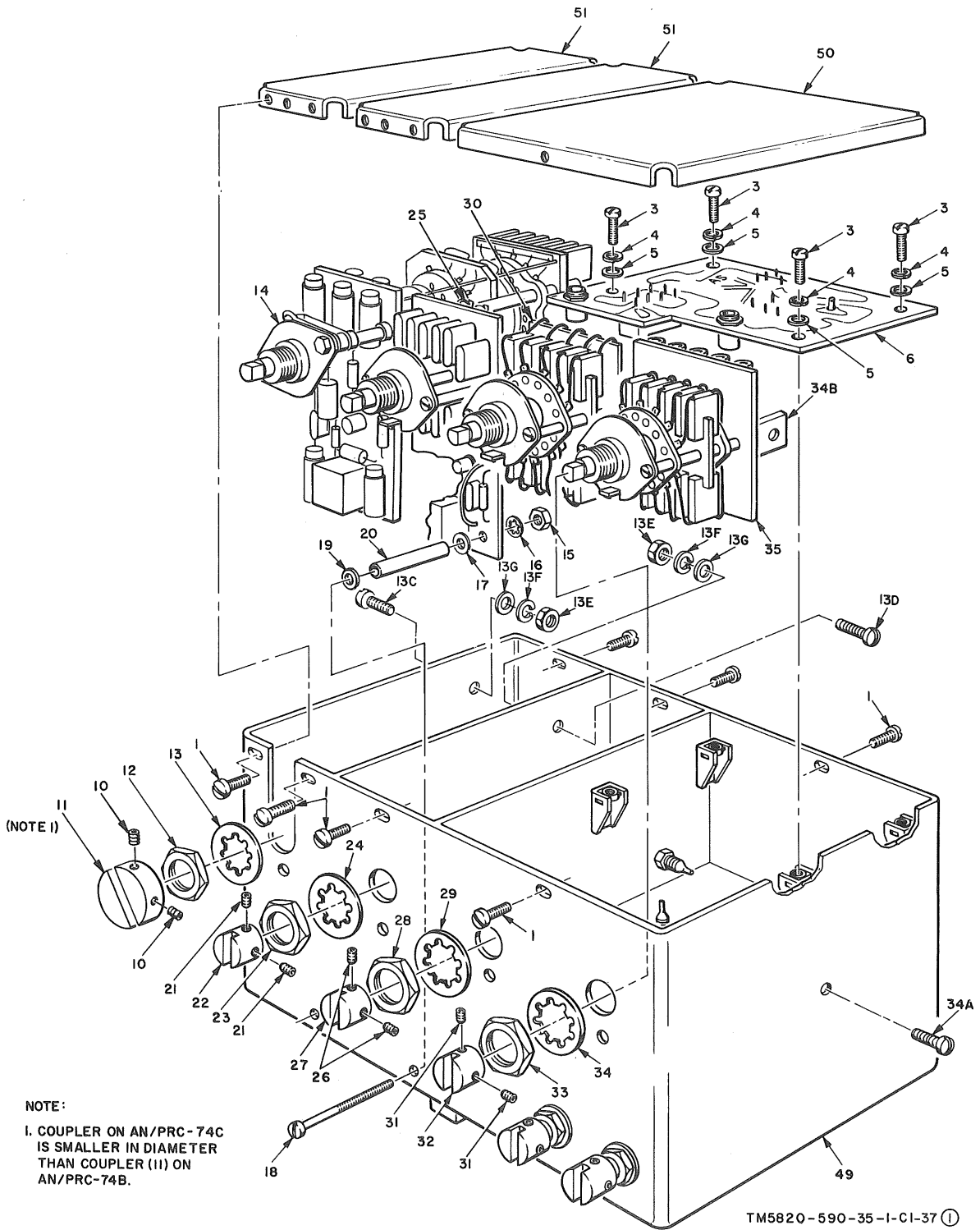


Figure 3-24①. Frequency synthesizer module, exploded view (part 1 of 2).

e. 10-Kc Switch Assembly A2 Removal (fig. 3-24). Remove 10-kc switch assembly A2 (30) as follows:

(1) Remove two setscrews (26) and coupler (27).

(2) Remove nut (28) and lockwasher (29).

(3) Lift 10-kc switch assembly A2 (30) and unsolder wire connections.

(4) Disassemble 10-kc switch assembly A2 (fig. 3-25) as follows:

(a) Remove two nuts and washers attaching components to switch.

(b) Slide components and attaching parts from switch.

(c) Remove two mounting screws.

f. 1-Kc Switch Assembly Removal A1. Remove 1-kc switch assembly A1 (35) as follows:

(1) Remove two setscrews (31) and coupler (32).

(2) Remove nut (33) and lockwasher (34).

(2.1) (Applies to AN/PRC-74C only). Remove screw (34A) from angle bracket (34B).

(3) Lift 1-kc switch assembly A1 (35), and unsolder the wire connections.

(4) Disassembly 1-kc switch assembly A1 (fig. 3-25) as follows:

(a) Remove two nuts and washers attaching components to the 1-kc switch.

(a.1) (Applies to AN/PRC-74C only). Slide angle bracket from switch mounting screw.

(b) Slide components and attaching parts from switch shaft.

(c) Remove two mounting screws.

g. Capacitor C628 (fig. 3-24). Remove capacitor C628 (40) as follows:

(1) Remove two setscrews (36) and coupler (37).

(2) Remove nut (38) and lockwasher (39).

(3) Lift capacitor C628 (40) from chassis (49), and unsolder wire connections.

h. Capacitor C601. Remove capacitor C601 (45) as follows:

(1) Remove two setscrews (41) and coupler (42).

(2) Remove nut (43) and lockwasher (44).

(3) Lift capacitor C601 (45) from chassis (49), and unsolder wire connections.

i. Terminal Board TB601. Remove terminal board TB601 (48) as follows:

(1) Disconnect harness wire from terminal board TB 601 (48).

(2) (Applies to AN/PRC-74B only). Remove two screws (46) and washers (47), and lift terminal board TB601 (48) from chassis (49).

(3) (Applies to AN/PRC-74C only). Remove two screws (46), lockwashers (46A) and flat washers (47), and lift terminal board TB601 (48) from chassis (49).

3-10. Frequency Synthesizer Module Assembly (fig. 3-24)

For reassembly of individual parts or components of the frequency synthesizer, and for complete reassembly of the frequency synthesizer module, refer to *a* through *i* below.

a. Terminal Board TB601. Replace terminal board TB601 (48) as follows:

(1) (Applies to AN/PRC-74B only). Position terminal board TB601 (48) on chassis (49), and attach washers (47) and screws (46).

(1.1) (Applies to AN/PRC-74C only). Position terminal board TB601 (48) on chassis (49) and attach flat washers (47), lockwashers (46A), and screws (46).

(2) Connect harness wires to terminal board TB601.

b. Capacitor C601. Replace capacitor C601 (45) as follows:

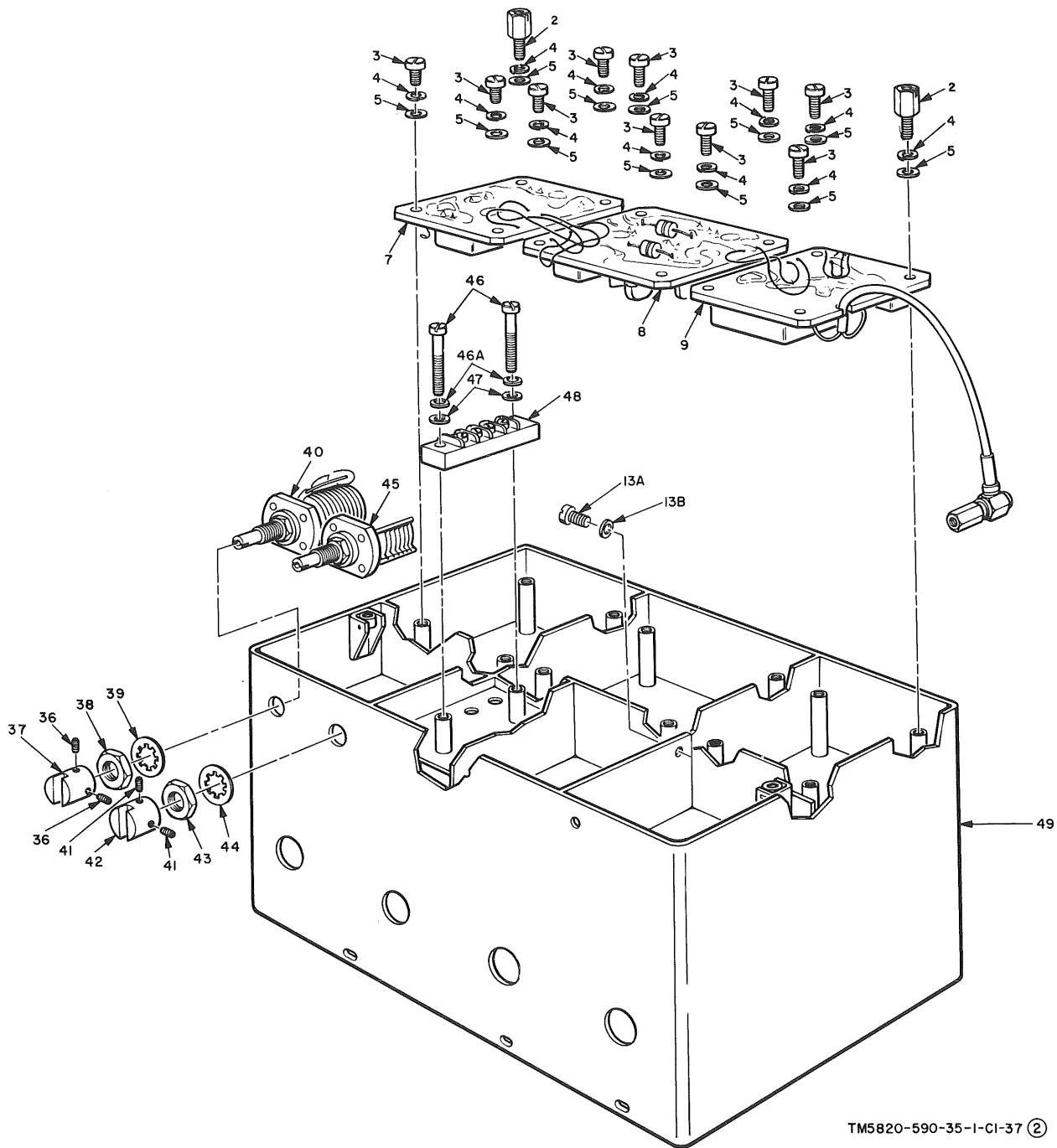
(1) Solder wires to capacitor C601 (45), and position in chassis (49).

(2) Attach lockwasher (44) and nut (43).

(3) Place coupler (42) on capacitor shaft, and attach setscrews (41).

c. Capacitor C628. Replace capacitor C628 (40) as follows:

(1) Solder wires to capacitor C628 (40), and position in chassis (49).



TM5820-590-35-1-CI-37 (2)

Figure 3-24(2). Frequency synthesizer module, exploded view (part 2 of 2).

1 Screw	13F Lockwasher (AN/PRC-74C only)	34 Lockwasher
2 Stud	13G Flatwasher AN/PRC-74C only)	34A Screw (AN/PRC-74C only)
3 Screw	14 1-mc switch assembly A4	34B Angle bracket (AN/PRC-74C only)
4 Lockwasher	15 Nut	35 1-kc switch assembly A1
5 Washer	16 Lockwasher	36 Setscrew
6 1-kc and 10-kc oscillator mixer amplifier component board A5.	17 Washer	37 Coupler
7 10-kc mixer amplifier component board A6.	18 Screw	38 Nut
8 100-kc mixer amplifier component board A7.	19 Glass washer	39 Lockwasher
9 1-mc mixer amplifier component board A8.	20 Spacer	40 Capacitor C628
10 Setscrew (AN/PRC-74B only)	21 Setscrew	41 Setscrew
11 Coupler (AN/PRC-74B only)	22 Coupler	42 Coupler
12 Nut	23 Nut	43 Nut
13 Lockwasher	24 Lockwasher	44 Lockwasher
13A Screw	25 100-kc switch assembly A3	45 Capacitor C601
13B Lockwasher	26 Setscrew	46 Screw
13C Screw (AN/PRC-74C only)	27 Coupler	46A Lockwasher (AN/PRC-74C only)
13D Screw (AN/PRC-74C only)	28 Nut	47 Washer
13E Nut (AN/PRC-74C only)	29 Lockwasher	48 Terminal board TB601
	30 10-kc switch assembly A2	49 Chassis
	31 Setscrew	50 Module cover, large
	32 Coupler	51 Module cover, small
	33 Nut	

Figure 3-24②.—Continued.

(2) Attach lockwasher (39) and nut (38).

(3) Place coupler (37) on capacitor shaft, and attach setscrews (36).

d. 1-Kc Switch Assembly A1. Assemble and install 1-kc switch assembly A1 (35) as follows:

(1) *Assembly.*

(a) Insert screws through mounting holes of switch (fig. 3-25).

(b) Install spacers, washers, component boards, and wafers as shown.

(b.1) (Applies to AN/PRC-74C only). Slide angle bracket onto outside mounting screw.

(c) Attach washers and nuts.

(2) *Installation* (fig. 3-24). Position 1-kc switch assembly A1 (35), and solder wire connections.

(a) Install 1-kc switch assembly A1 (35) in chassis (49); place switch assembly locating key in mounting hole of chassis (49).

(a.1) (Applies to AN/PRC-74C only). Insert screw (34A) through chassis (49) into angle bracket (34B).

(b) Attach lockwasher (34) and nut (33) to switch assembly shaft.

(c) Place coupler (32) on switch assembly shaft, and attach setscrews (31).

e. 10-Kc Switch Assembly A2. Assemble and install 10-kc switch assembly A2 (30) as follows:

(1) *Assembly.*

(a) Insert screws through mounting hole of switch (fig. 3-25).

(b) Install spacers, washers, component boards, and wafers as shown.

(c) Attach washers and nuts.

(2) *Installation* (fig. 3-24). Position 10-kc switch assembly A1 (30), and solder wire connections.

(a) Install 10-kc switch assembly A2 (30) in chassis (49); place switch assembly locating key in mounting hole of chassis (49).

(b) Attach lockwasher (29) and nut (28) to switch assembly shaft.

(c) Place coupler (27) on switch assembly shaft, and attach setscrews (26).

f. 100-Kc Switch Assembly A3. Assemble and install 100-kc switch assembly A3 (25) as follows:

(1) *Assembly.*

(a) Insert two screws through mounting holes of the switch (fig. 3-25).

(b) Install spacers, washers, component boards, and wafers as shown.

(c) Attach washers and nuts.

(2) *Installation* (fig. 3-24). Position 100-

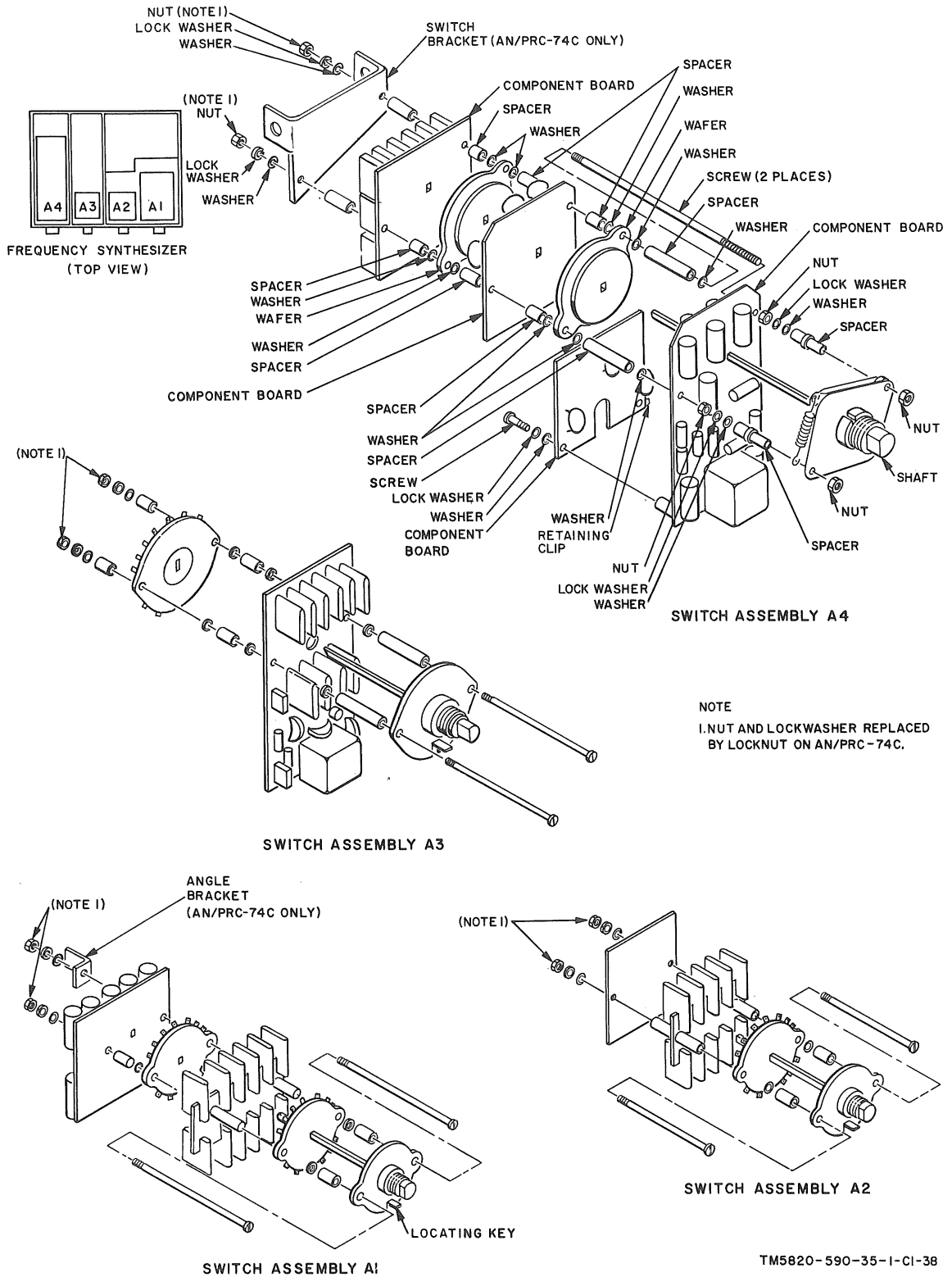


Figure 3-25. Frequency synthesizer switch disassembly.

TM5820-590-35-1-CI-38

kc switch assembly A3 and solder wire connections.

(a) Insert screw (18) through mounting holes of chassis (49).

(b) Install glass washer (19), spacer (20), and washer (17).

(c) Install 100-kc switch assembly A3 (25) on screw (18), and attach lockwasher (16).

(d) Secure 100-kc switch assembly A3 (25) with nut (15).

(e) Attach lockwasher (24) and nut (23) to switch assembly shaft.

(f) Place coupler (22) on switch assembly shaft, and secure with setscrews (21).

g. 1-Mc Switch Assembly A4. Assemble and install 1-mc switch assembly A4 (14) as follows:

(1) *Assembly.*

(a) Insert screws through mounting holes of switch (fig. 3-25).

(b) Install spacers, washers, component boards, and wafers as shown.

(b.1) (Applies to AN/PRC-74C only). Install retaining clip on lower corner of component board as shown.

(b.2) (Applies to AN/PRC-74C only). Install switch bracket at the rear of switch mounting screws as shown.

(c) Attach washers and nuts.

(2) *Installation* (fig. 3-24). Position 1-mc switch assembly A4 (14), and solder wire connections.

(a) (Applies to AN/PRC-74C only). Insert screw (13D) and attach flat washer (13G), lockwasher (13F) and nut (13E).

(a.1) (Applies to AN/PRC-74C only). Insert screw (13C) and attach flat washer (13G), lockwasher (13F) and nut (13E).

(a.2) Insert screw (13A) and lockwasher (13B).

(a.3) Attach lockwasher (13) and nut (12) to switch assembly shaft.

(b) Place coupler (11) on switch assembly shaft, and attach setscrews (10).

h. Component Boards A5, A6, A7, and A8. Install component boards (6 through 9) as follows:

(1) Position component board, and solder wire connections.

(2) Attach component board to chassis (49), with washers (5), lockwashers (4), studs (2), and screws (3).

i. Module Covers. To install frequency synthesizer covers, position covers (50 and 51) on module chassis (49), and attach screws (1).

3-11. RF Module Disassembly (fig. 3-26)

Disassemble the RF module as follows:

a. (Applies to AN/PRC-74B only). Remove four screws (1) and cover (2).

a.1 (Applies to AN/PRC-74C only). Remove four screws (1), lockwashers (1A) and cover (2).

b. Remove nuts (3 and 4) and lockwashers (5).

c. (Applies to AN/PRC-74B only). Remove six screws (6) and rear chassis plate (7).

c.1 (Applies to AN/PRC-74C only). Remove six screws (6) and rear chassis plate (7A).

d. (Applies to AN/PRC-74B only). Remove three screws (8) and ground strap (9).

d.1 (Applies to AN/PRC-74C only). Remove three screws (8) and ground bracket (9A).

e. Remove four screws (10), and lift lower tray assembly (11) from module. Unsolder wire connections.

f. (Applies to AN/PRC-74B only). Remove two setscrews (12) and coupler (13).

g. Remove nut (16), lockwasher (17), and screw (18).

h. (Applies to AN/PRC-74B only). Remove nut (14), and lift capacitor C701 (15) from the module. Unsolder wire connections from bandswitch S1 (25) to upper tray assembly (20).

h.1 (Applies to AN/PRC-74C only). Remove nut (14), and lift capacitor C701 (15) with fixed coupler (15A) from the module. Unsolder wire connections from bandswitch S1 (25) to upper tray assembly (20).

i. (Applies to AN/PRC-74B only). Remove three screws (19), and lift bandswitch S1

(25) and front chassis plate (26) from upper tray assembly (20).

i. (Applies to AN/PRC-74C only). Remove three screws (19) and lift bandswitch S1 (25) and front chassis plate (27) from upper tray assembly (20).

j. Remove two setscrews (21) and coupler (22).

k. Remove nut (23) and lockwasher (24).

l. (Applies to AN/PRC-74B only). Remove bandswitch S1 (25) from front chassis plate (26).

m. (Applies to AN/PRC-74C only). Remove bandswitch S1 (25) from front chassis plate (27).

3-12. RF Module Assembly

(fig. 3-26)

Reassemble the RF module as follows:

a. (Applies to AN/PRC-74B only). Install bandswitch S1 (25) in front chassis plate (26), and attach lockwasher (24) and nut (23).

a.1 (Applies to AN/PRC-74C only). Install bandswitch S1 (25) in front chassis plate (27) and attach lockwasher (24) and nut (23).

b. Install coupler (22) on bandswitch S1 shaft, and attach two setscrews (21).

c. (Applies to AN/PRC-74B only). Position bandswitch S1 (25) and front chassis plate (26) on upper tray assembly (20).

c.1 (Applies to AN/PRC-74C only). Position bandswitch S1 (25) and front chassis plate (27) on upper tray assembly (20).

d. Attach three screws (19).

e. Attach screw (18), lockwasher (17), and nut (16).

f. (Applies to AN/PRC-74B only). Install capacitor C701 (15) on nut assembly (*e* above), and secure to front chassis plate (26) with nut (14).

f.1 (Applies to AN/PRC-74C only). Install capacitor C701 (15) with fixed coupler (15A) on nut assembly (*e* above), and secure to front chassis plate (27) with nut (14).

g. (Applies to AN/PRC-74B only). Install coupler (13) on capacitor shaft, and attach two setscrews (12).

h. Solder wire connections to lower tray assembly (11).

i. Attach lower tray assembly to module with four screws (10).

j. (Applies to AN/PRC-74B only). Attach ground strap (9), and secure front chassis plate (26), with three screws (8).

j.1 (Applies to AN/PRC-74C only). Attach ground bracket (9A) and secure front chassis plate (27) with three screws (8).

k. (Applies to AN/PRC-74B only). Attach rear chassis plate (7) with six screws (6).

k.1 (Applies to AN/PRC-74C only). Attach rear chassis plate (7A) with six screws (6).

l. Secure bandswitch S1 (25) with two lockwashers (5) and nuts (4).

m. Secure capacitor C701 (15) with nut (3).

n. (Applies to AN/PRC-74B only). Attach cover (2) with four screws (1).

o. (Applies to AN/PRC-74C only). Attach cover (2) with four lockwashers (1A) and screws (1).

3-13. IF Audio Module Disassembly

(fig. 3-27)

Disassemble the IF audio module as follows:

a. Lift lower module cover (1) from module chassis (12).

b. (Applies to AN/PRC-74B only). Remove four screws (2), and lift IF audio amplifier component board A1 (3) from module chassis (12). Unsolder wire connections.

b.1 (Applies to AN/PRC-74C only). Remove four screws (2) with flat washers (2A), and lift IF audio amplifier component board A1 (3) from module chassis (12). Unsolder wire connections.

c. Lift upper module cover (4) from module chassis (12).

d. (Applies to AN/PRC-74B only). Remove four screws (5), and lift microphone amplifier-

mixer component board A2 (6) from module chassis (12). Unsolder wire connections.

d.1 (Applies to AN/PRC-74C only). Remove four screws (5) with flat washers (5A), and lift microphone amplifier-mixer component board A2 (6) from module chassis (12). Unsolder wire connections.

e. Unsolder wires connected to IN and OUT terminals of crystal filter FL1 (9).

f. Remove four screws (7) and lockwashers (8).

g. Remove terminal lugs (8A), and lift crystal filter FL1 (9) from module chassis (12).

h. Unsolder wire connections to filter bracket assembly A3 (11).

i. Remove two screws (10), and lift filter bracket assembly A3 (11) from module chassis (12).

3-14. IF Audio Module Assembly (fig. 3-27)

Disassemble the IF audio module as follows:

a. Attach filter bracket assembly A3 (11) to module chassis (12) with two screws (10). Solder wire connections.

b. Position crystal filter FL1 (9) in module chassis (12), and attach terminal lugs (8A).

c. Attach crystal filter FL1 (9) to chassis (12) with four lockwashers (8) and screws (7).

d. Solder wire connections to microphone amplifier-mixer component board A2 (6).

e. (Applies to AN/PRC-74B only). Attach microphone amplifier-mixer component board A2 (6) to module chassis (12) with four screws (5).

e.1 (Applies to AN/PRC-74C only). Attach microphone amplifier-mixer component board A2 (6) to module chassis (12) with four flat washers (5A) and screws (5).

f. Place upper module cover (4) on module chassis (12).

g. Solder wire connections to IF audio amplifier component board A1 (3).

h. (Applies to AN/PRC-74B only). Attach IF audio amplifier component board A1 (3) to module chassis (12) with four screws (2).

h.1 (Applies to AN/PRC-74C only). Attach IF audio amplifier component board A1 (3) to module chassis (12) with four flat washers (2A) and screws (2).

i. Place lower module cover (1) on module chassis (12).

3-15. Frequency Generator Module Disassembly (fig. 3-28)

Disassemble the frequency generator module as follows:

a. (Applies to AN/PRC-74B only). Remove three screws (1) and remove cover (2).

a.1 (Applies to AN/PRC-74C only). Remove three screws (1), two spring clips (1A) and remove cover (2).

b. Unsolder wire connections to frequency divider component board (4).

c. Remove two screws (3), and remove frequency divider component board (4).

d. Unsolder wire connections to frequency standard (6).

e. Remove two screws (5), and remove frequency standard (6).

f. Unscrew wire connections to terminal board TB501 (10).

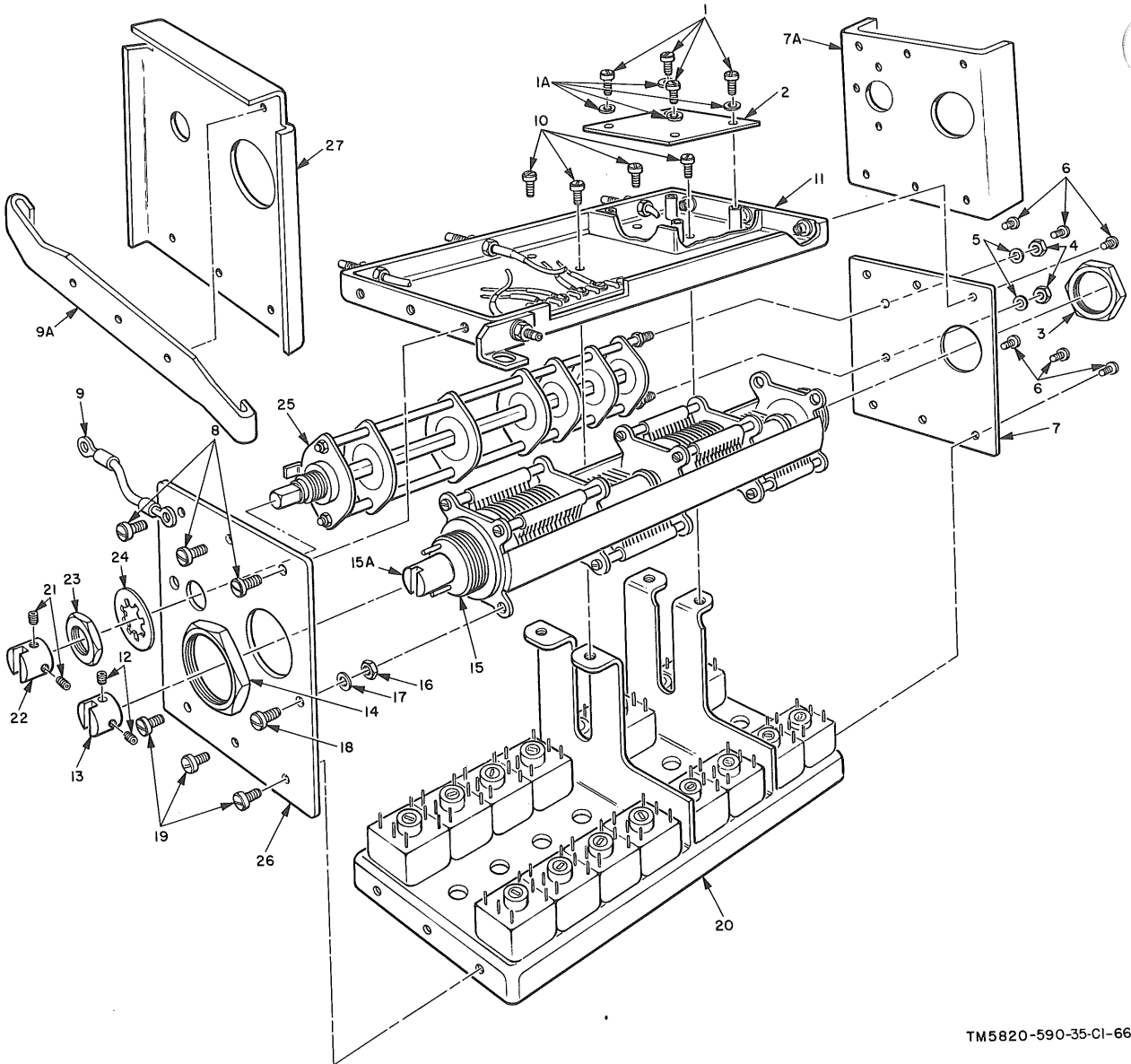
g. Remove two screws (7), lockwashers (8), and washers (9), and remove terminal board TB501 (10) from base (11).

3-16. Frequency Generator Module Assembly (fig. 3-28)

Reassemble the frequency generator module as follows:

a. Attach terminal board TB501 (10) to base (11) with two washers (9), lockwashers (8), and screws (7). Screw wire connections to TB501 (10).

b. Attach frequency standard (6) to base (11) with two screws (5).



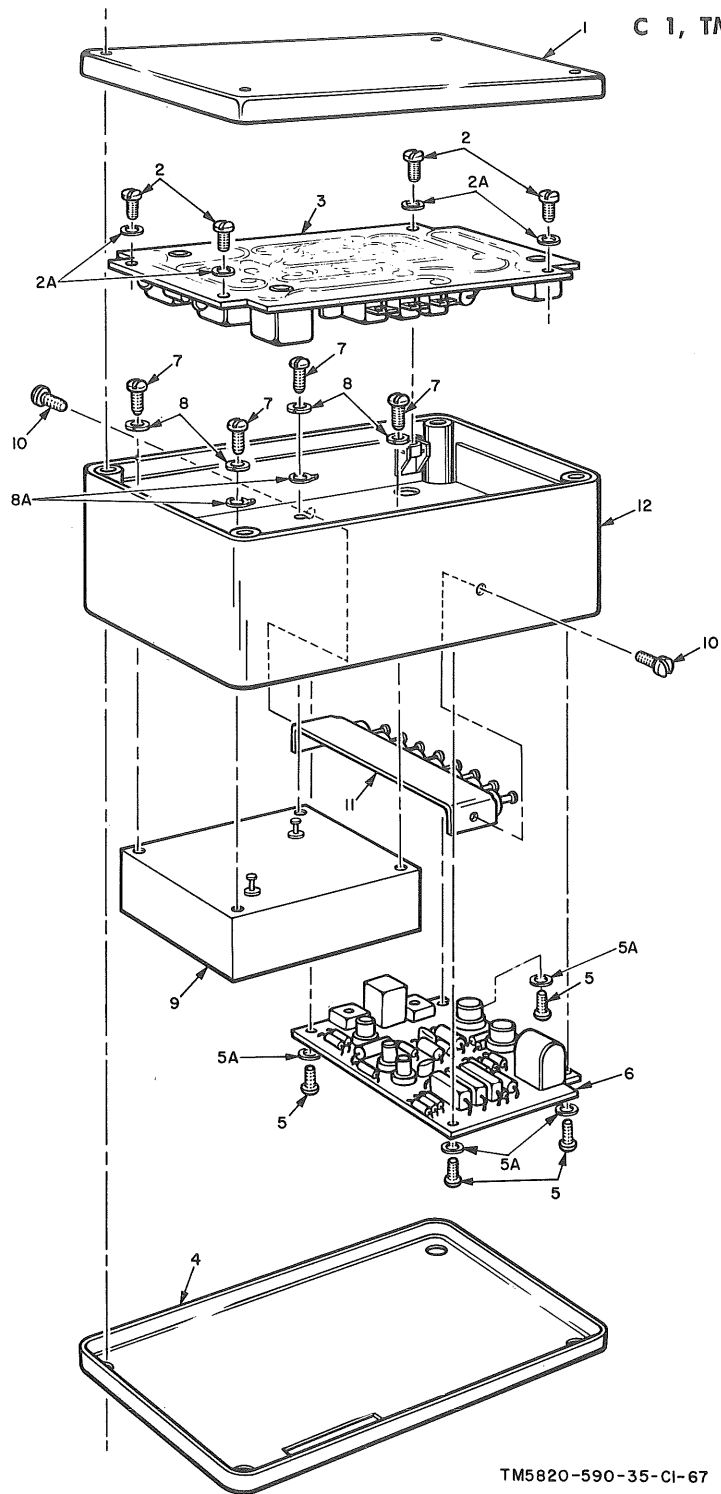
TM5820-590-35-C1-66

- 1 Screw
- 1A Lockwasher (AN/PRC-74C only)
- 2 Cover
- 3 Nut
- 4 Nut
- 5 Lockwasher
- 6 Screw
- 7 Rear chassis plate (AN/PRC-74B only)
- 7A Rear chassis plate (AN/PRC-74C only)
- 8 Screw

- 9 Ground strap (AN/PRC-74B only)
- 10 Screw
- 11 Lower tray assembly
- 12 Setscrew (AN/PRC-74B only)
- 13 Coupler (AN/PRC-74B only)
- 14 Nut
- 15 Capacitor C701
- 15A Fixed Coupler (AN/PRC-74C only)
- 16 Nut

- 17 Lockwasher
- 18 Screw
- 19 Screw
- 20 Upper tray assembly
- 21 Setscrew
- 22 Coupler
- 23 Nut
- 24 Lockwasher
- 25 Bandswitch S1
- 26 Front chassis plate (AN/PRC-74B only)
- 27 Front chassis plate (AN/PRC-74C only)

Figure 3-26. RF module, exploded view.



TM5820-590-35-CI-67

- | | | |
|--|--|----------------------|
| 1 Lower module cover | 5 Screw | 8 Lockwasher |
| 2 Screw | 5A Flat washer (AN/PRC-74C only) | 8A Terminal lug |
| 2A Flat washer (AN/PRC-74C only) | 6 Microphone amplifier-mixer component board A2. | 9 Crystal filter FL1 |
| 3 IF audio amplifier component board A1. | 7 Screw | 10 Screw |
| 4 Upper module cover | | 11 Filter |
| | | 12 Module chassis |

Figure 3-27. IF Audio module, exploded view.

c. Solder wire connections to frequency standard (6).

d. Attach frequency divider component board assembly (4) to base (111) with two screws (3).

d.1 (Applies to AN/PRC-74C only). Attach two spring clips (1A) to cover (2). Align hole in spring clip with outside hole in cover.

e. Attach cover (2) to frequency generator with three screws (1).

3-17. Deleted

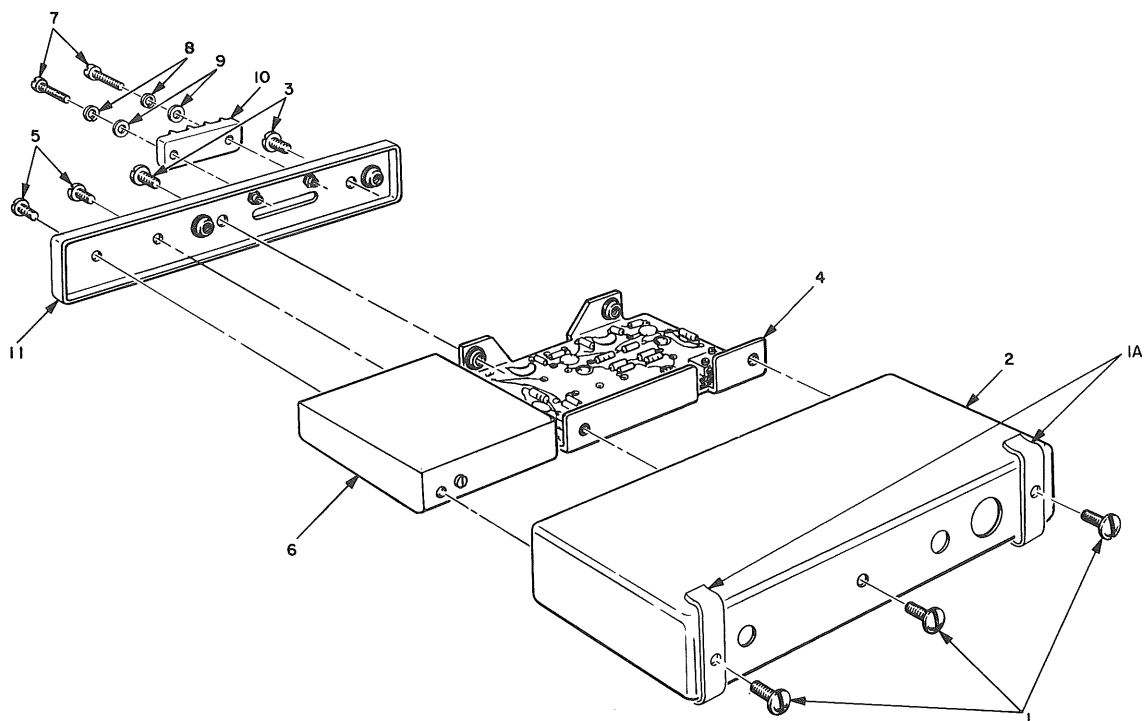
Figure 3-29. Deleted.

3-18. Deleted

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Figure 3-30. Deleted.

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TM5820-590-35-1-CI-41

- 1 Screw
- 1A Spring clip (AN/PRC-74C only)
- 2 Cover
- 3 Screw

- 4 Frequency divider component board.
- 5 Screw
- 6 Frequency standard
- 7 Screw

- 8 Lockwasher
- 9 Washer
- 10 Terminal board TB501
- 11 Base

Figure 3-28. Frequency generator, exploded view.

Section III. ALIGNMENT

3-21. Test Equipment and Special Items Required for Alignment

a. The test equipment required for aligning the radio set is listed in paragraph 3-1.

b. For the fabrication of miscellaneous items

needed for the alignment of the radio set refer to paragraph 3-1.

3-22. Frequency Synthesizer Module Alignment Instructions

Failures in the frequency synthesizer module

usually can be isolated to a particular circuit area by comparing test point measurements to those given in figure 3-31. Alignment procedures for the individual circuits of the frequency synthesizer are outlined in *a* through *f* below.

CAUTION

To avoid breaking the tuning slug screw slots of transformers T601 through T604, T607 through T611, and T614 during alignment, apply a light coating of MEK (TT-M-261) to the screw threads and let sit from 2 to 3 minutes.

a. 1-Kc Oscillator Alignment.

(1) Connect Oscilloscope AN/USM-140B in series with a 10-kilohm resistor to component board A5-TP11 of the frequency synthesizer (figs. 3-32 and 3-33).

(2) Connect the AN/USM-207 to the AN/USM-140B vertical signal output jack.

(3) Connect the power supply No. 1 positive lead to terminal 3 of TB601 (fig. 3-3), and the negative lead to terminal 4 of TB601.

(4) Connect the power supply No. 2 positive lead to terminal 2 of TB601, and the negative lead to terminal 4 of TB601.

(5) Connect a 100-ohm resistor between P601 and ground (fig. 3-33).

(6) Adjust power supply No. 1 to 9 volts, and power supply No. 2 to 12 volts.

(7) Adjust capacitor C617 (fig. 3-32) to obtain a frequency output of 6525.000 kc as measured on the frequency meter.

(8) Deenergize relay K2 by disconnecting the power supply No. 2 lead from terminal 2 of TB601, and place 1-kc oscillator

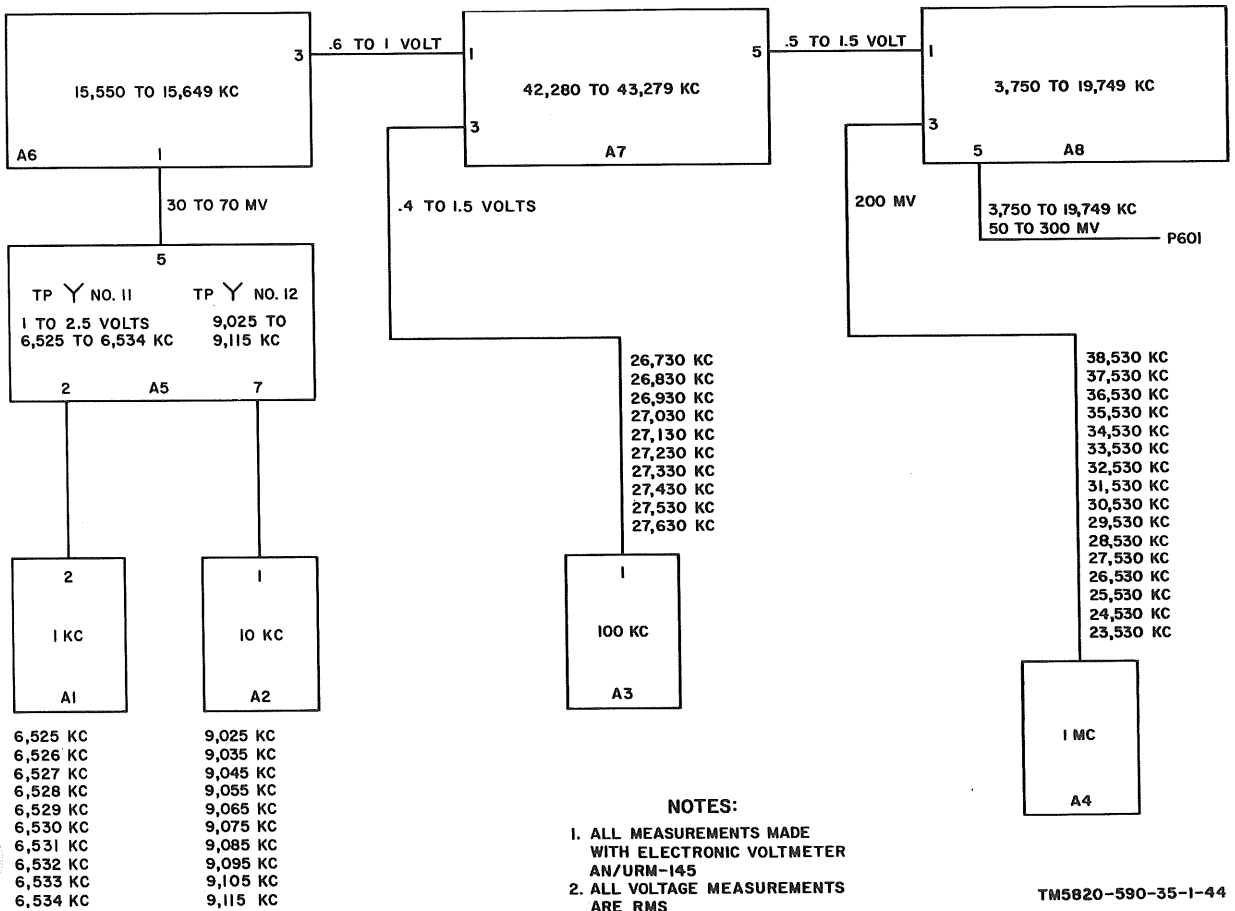
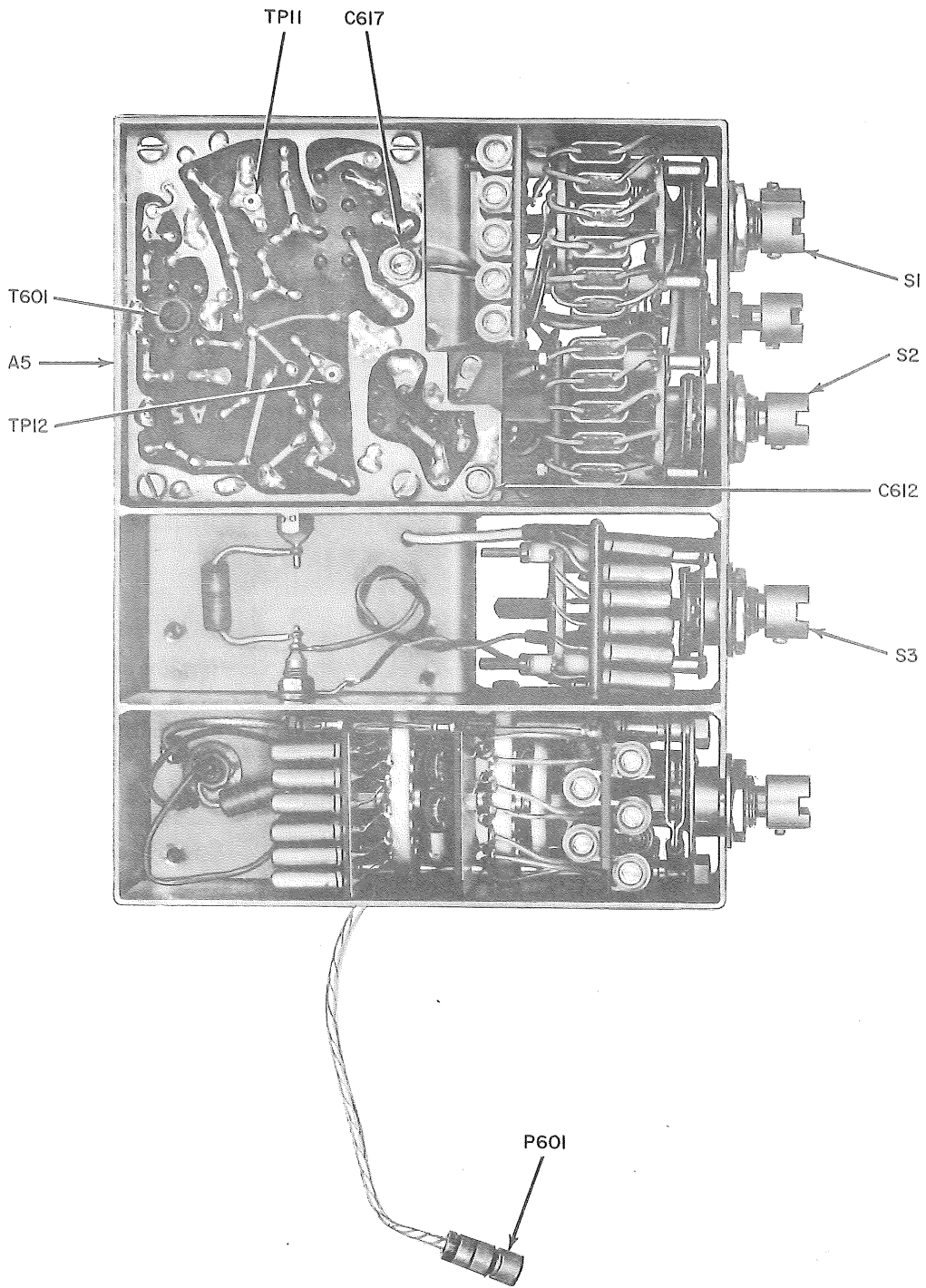


Figure 3-31. RF voltage levels in frequency synthesizer module.



TM5820-590-35-1-CI-45

Figure 3-32. Frequency synthesizer module, top view.

switch S1 to the zero position (fully counter-clockwise).

(9) Rotate CLARIFY capacitor C601 (fig. 3-4) to minimum capacity (out of mesh). Note the frequency.

(10) Rotate C601 to maximum capacity (in mesh). Note the frequency.

(11) Adjust trimmer capacitor C602 (fig. 3-6) as necessary until the deviations measured in (9) and (10) above are approximately equal to the amounts above and below 6525.000 kc.

(12) Connect power supply No. 2 to terminal 1 of TB601 (fig. 3-3), and adjust it to +12 volts. Adjust capacitor C612 (fig. 3-32) to obtain a frequency output of 6525.00; kc as measured on the frequency meter.

(13) Leave the frequency synthesizer module in the transmit function, and place 1-kc oscillator switch S1 to position 1 (one position clockwise). Adjust trimmer capacitor C603 (fig. 3-6) to obtain a frequency output of 6526.000 kc as measured on the frequency meter.

(14) Repeat the procedure in (13) above for the remaining 1-kc switch positions and frequencies shown in the chart below.

1-kc switch S1 position	Adjust capacitor	Nominal frequency (kc)
0	C602	6,525.000
1	C603	6,526.000
2	C604	6,527.000
3	C605	6,528.000
4	C606	6,529.000
5	C607	6,530.000
6	C608	6,531.000
7	C609	6,532.000
8	C610	6,533.000
9	C611	6,534.000

(15) Disconnect power supply No. 2 from terminal 1 of TB601, and set CLARIFY capacitor C601 to minimum capacity (out of mesh).

(16) Rotate 1-kc oscillator switch S1 through all 10 positions, noting the frequency at each position. The frequency at each position should deviate not less than 200 cps from the nominal frequency at that position.

(17) Rotate C601 to maximum capacity, and repeat the procedure in (16) above.

(18) With Electronic Voltmeter AN/URM

-145 (or equivalent), check to see that the voltage at A5-TP11 is between 1.0 and 2.5 volts rms after alignment of the 1-kc oscillator.

b. 10-Kc Oscillator Alignment Check.

(1) Except for the AN/USM-140B frequency meter, connect the test equipment as shown for the 1-kc oscillator alignment (a above).

(2) Connect Oscilloscope AN/USM-140B (or equivalent) through a 10-kilohm resistor to component board A5-TP12 (fig. 3-32).

(3) Connect the AN/USM-207 (or equivalent) to the vertical output jack of the AN/USM-140B.

(4) Rotate calibrate control C628 (fig. 3-4) to minimum capacity (out of mesh).

(5) Rotate 10-kc oscillator switch S2 (fig. 3-32) through all 10 positions. The frequency at each position should deviate not less than 1.25 kc from the nominal frequency as shown in the chart below.

10-kc switch S2 position	Nominal frequency (kc)
0	9025.000
1	9035.000
2	9045.000
3	9055.000
4	9065.000
5	9075.000
6	9085.000
7	9095.000
8	9105.000
9	9115.000

(6) Rotate C628 (fig. 3-4) to maximum capacity (in mesh), and repeat the procedures in (5) above.

c. 10-kc Bandpass Alignment Check.

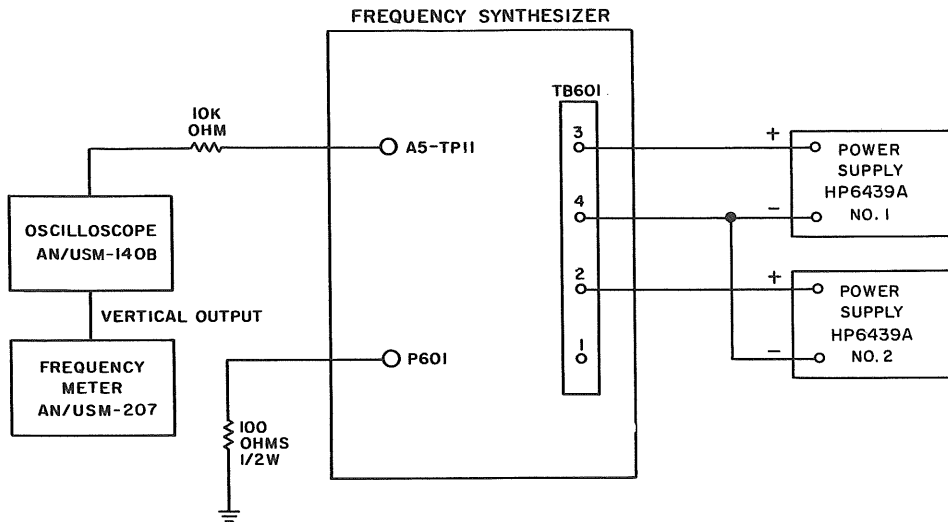
(1) Connect Electronic Voltmeter AN/URM-145 (or equivalent) to pin 3 of component board A6 (fig. 3-3).

(2) Disconnect power supply No. 2.

(3) Set 1-kc and 10-kc switches S1 and S2 (fig. 3-32) to position 1 (6,526 kc and 9,035 kc, respectively).

(4) Adjust transformers T603 and T604 (fig. 3-3) for a maximum indication on the AN/URM-145.

(5) Disconnect the AN/URM-145 from



TM5820-590-35-91

Figure 3-33. Frequency synthesizer module, test setup.

pin 3 of component board A6, and connect to the base of amplifier Q4.

(6) Adjust transformers T601, on component board A5 (fig. 3-32), and T602, on component board A6 (fig. 3-3), for a maximum indication on the AN/URM-145.

d. 100-Kc Oscillator Alignment.

(1) Connect Oscilloscope AN/USM-140B (or equivalent) through a 100-ohm, 1/2-watt resistor to pin 3 of component board A7.

(2) Connect Frequency Meter AN/USM-207 to the vertical output jack of the AN/USM-140B.

(3) Rotate 100-kc oscillator switch S3 (fig. 3-32) to position 4.

(4) Adjust transformer T611 (fig. 3-6), for a maximum indication on the AN/URM-145. The output frequency should be 27,130 ±1 kc, and the AN/USM-140B should display a clean sine wave without modulation, as T611 is tuned to the maximum voltage position.

(5) While observing the AN/USM-140B, rotate 100-kc switch S3 (fig. 3-32) through all 10 positions as shown in the chart in (7) above. The output should not show modulation at any of the 10 positions.

(6) Check to see that the frequency output is within ±1 kc of the nominal value for

each of the 10 positions. Adjust T611 as required.

(7) With Electronic Voltmeter AN/URM-145, check to see that the output voltage is 0.4 to 1.5 volt rms.

100-kc switch S3 positions	Nominal frequency (kc)
0	26730
1	26830
2	26930
3	27030
4	27130
5	27230
6	27330
7	27430
8	27530
9	27630

e. 1-Mc Oscillator Alignment.

(1) Connect Frequency Meter AN/USM-207 (or equivalent) through a 500-ohm resistor to pin 3 of component board A8 (fig. 3-3).

(2) Monitor the output at pin 3 of A8 with Electronic Voltmeter AN/URM-145 (or equivalent).

(3) Rotate MC (MHz) switch S4 (fig. 3-32) fully counterclockwise to position 2.

(4) Adjust trimmer capacitor C667 counterclockwise to minimum capacity (screw flush with top of capacitor), and then rotate it clockwise for three turns.

(5) While observing the frequency meter, adjust transformer T614 (fig. 3-6) until the output frequency is within ± 50 cps of the nominal frequency (38,530 kc) as listed in the chart below.

MC (MHz) switch S4 position	Adjust capacitor	Nominal frequency (kc)
2	C667	38530
3	C668	37530
4	C669	36530
5	C670	35530
6	C672	34530
7	C674	33530
8	C676	32530
9	C678	31530
10	C680	30530
11	C682	29530
12	C694	28530
13	C696	27530
14	C697	26530
15	C699	25530
16	C6101	24530
17	C6103	23530

(6) Rotate MC (MHz) switch S4 (fig. 3-32) clockwise to position 3.

(7) Adjust trimmer capacitor C668 (fig. 3-6) until the output frequency is within ± 50 cps of the nominal frequency (37,530 kc) as listed in the chart ((5) above).

(8) Repeat the procedure in (7) above for all the remaining positions and capacitors as shown in the chart ((5) above).

NOTE

If there is not adequate trimmer capacitor range on any 1 of the 16 positions, readjust collector transformer T614 while at that position. Readjusting T614 requires readjusting the trimmer capacitors listed in the chart in (5) above.

(9) Rotate MC (MHz) switch S4 through all 16 positions. The output voltage at all points should be 100 to 400 millivolts. The frequency at each position should be within ± 50 cps of the nominal value at that position.

f. 100-Kc Bandpass Alignment.

(1) Connect Frequency Meter AN/USM-207 (or equivalent) through a 500-ohm resistor to pin 5 of component board A7 (fig. 3-3).

(2) Monitor the output at pin 5 of A7

with Electronic Voltmeter AN/URM-145 (or equivalent)...

(3) Set clarify capacitor C601 (fig. 3-4) and calibrate capacitor C628 to approximately midposition (half-open).

(4) Set all frequency controls to the fourth position from fully counterclockwise.

(5) Connect a shunt load resistor (B, fig. 3-1) from pin 9 of A7 (fig. 3-3) to ground.

(6) Adjust T608 (fig. 3-3) for a maximum deflection of the AN/URM-145.

(7) Disconnect the shunt load resistor.

(8) Repeat the procedures given in (4) through (6) above for the remaining transformers as shown in the chart below.

Transformer being loaded	Shunt load resistor connection	Adjust transformer
T607	A7, pin 9	T608
T608	A7, pin 10	T607
T609	A7, pin 11	T610
T610	A7, pin 12	T609

(9) Disconnect the shunt load resistor from pin 12 of A7.

(10) Check the voltmeter for an output of 0.5 to 1.5 volt rms.

(11) Check the frequency meter for an output of 42,725 ± 1 kc. Repeat the procedures given in (5) through (10) above if the desired output frequency is not obtained.

(12) Rotate 100-kc oscillator switch S3 (fig. 3-32) through all 10 positions and check to see that the AN/URM-145 indication does not vary more than 2.5 db at any position. If this limit is exceeded, repeat the alignment procedure.

NOTE

Output circuit A8 has no adjustments. The two frequencies are received in the mixer and mixed down to the desired output frequency. Fixed filter FL1 has a bandpass response flat within 3 db from 3,750 to 19.749 kc.

3-23. RF Module Alignment

CAUTION

To avoid breaking the tuning slug screw slots of transformers T701 through T717 during alignment, apply a light coating of MEK (TT-M-

261) to the screw threads and let sit from 2 to 3 minutes.

Align the RF module as follows:

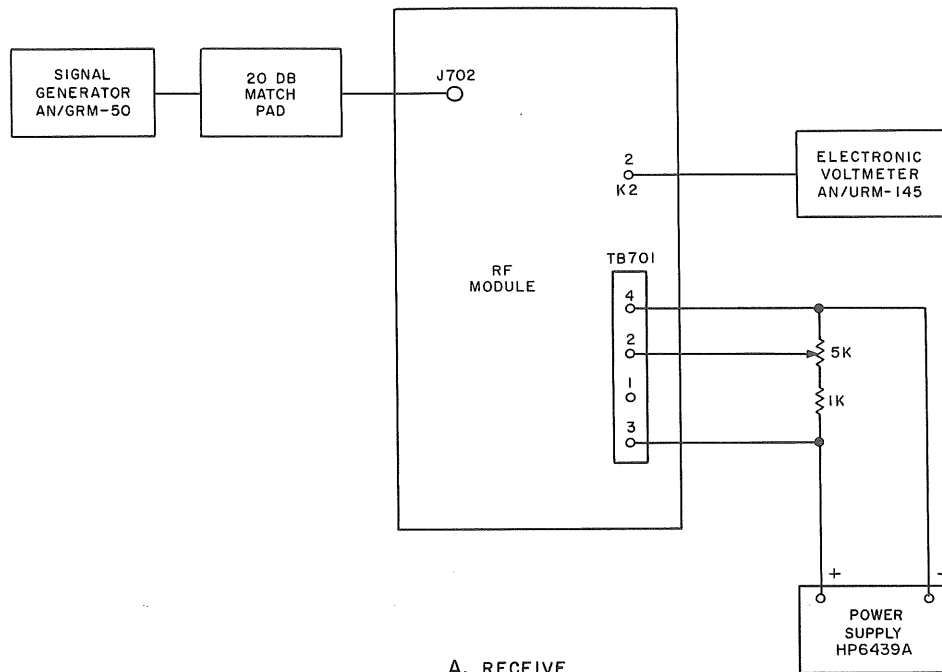
a. RF Module Amplifier.

(1) Connect Signal Generator AN/GRM-50 to J702 through 20-db match pad (figs 3-1 and 3-34):

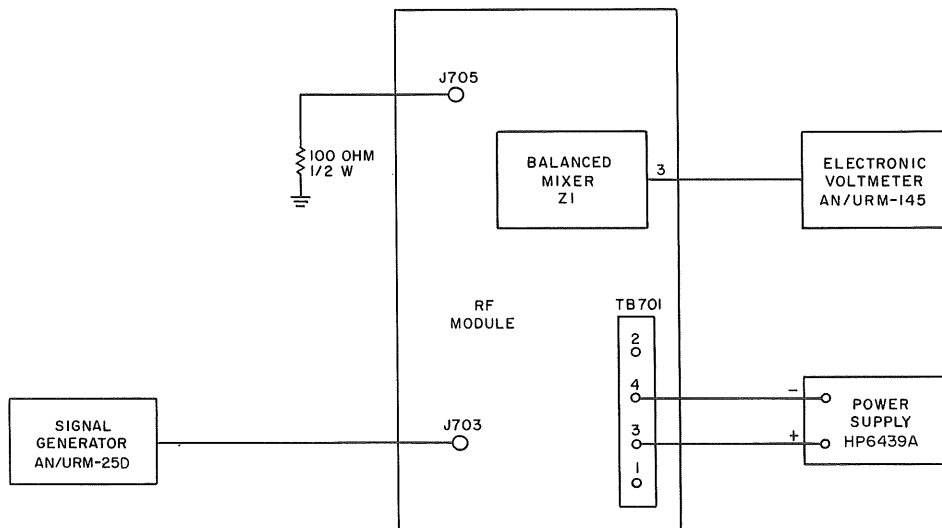
(2) Connect a 5-kilohm potentiometer and 1-kilohm resistor across the output of Power Supply HP6439A.

(3) Connect the positive lead of the power supply to pin 3 of TB701, and the negative lead to pin 4 of TB701.

(4) Connect the arm of the potentiometer to pin 2 of TB701.



A. RECEIVE



B. TRANSMIT

TM5820-590-35-92

Figure 3-34. RF module, alignment test setup.

(5) Adjust the output of the power supply to 9 volts.

(6) Connect the AN/URM-145 to pin 2 of K2 (fig. 3-9).

(7) Set C701 to the clockwise stop, maximum capacity (plates meshed).

(8) Set switch S1 to band 1 (completely counterclockwise).

(9) Set the AN/GRM-50 for an output of 2.001 mc \pm 1 percent.

(10) Adjust the AN/GRM-50 until an output is observed at pin 2 of relay K2.

(11) Adjust the 5-kilohm potentiometer for a maximum output as indicated on the AN/URM-145, reducing the AN/GRM-50 output level below 100 millivolts rms.

(12) Tune transformers T701, T705, and T709 (figs 3-35 and 3-36) for a maximum indication on the AN/URM-145. As peaking proceeds, reduce the AN/GRM-50 level as necessary to keep the output level below 100 mv.

(13) Rotate capacitor C701 counterclockwise to minimum capacity (plates out of mesh).

(14) Set the AN/GRM-50 to 3.001 mc \pm 1 percent.

(15) Tune capacitors C703, C710, and C720 for a maximum indication on the AN/URM-145. Adjust the AN/GRM-50 as required to keep the output below 100 mv.

(16) Repeat the procedures in (7) through (15) above until the last adjustment gives

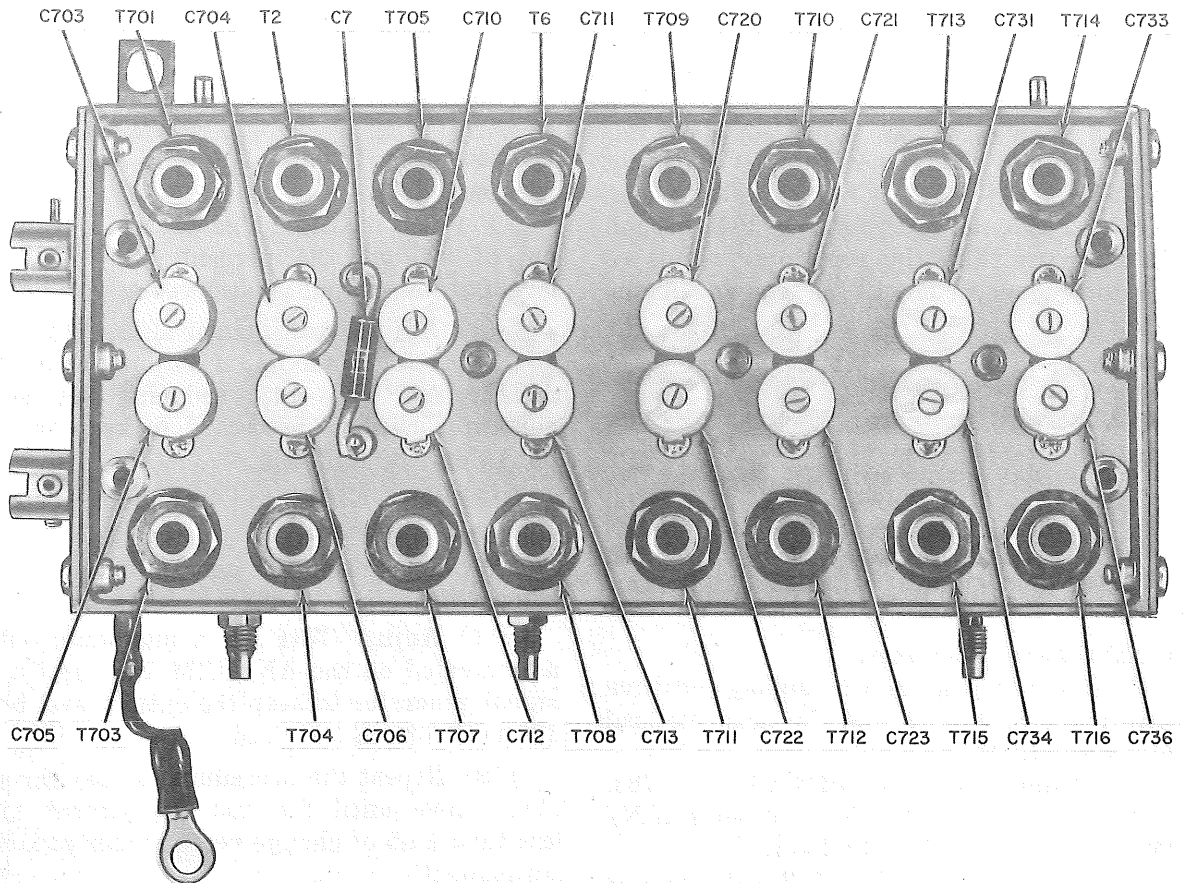


Figure 3-35. RF module, bottom view.

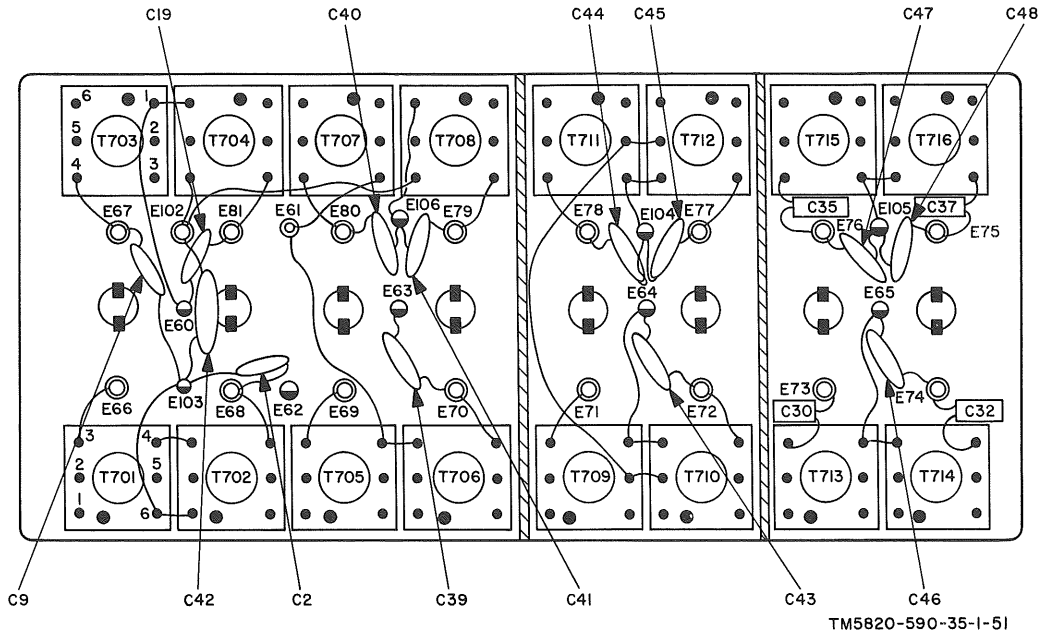


Figure 3-36. RF module, top view.

less than 1 db of change per trimmer capacitor adjustment.

(17) Repeat the procedures in (7) through (16) above to align the remaining bands of the radiofrequency circuit as shown in the chart below.

Band	AN/GRM-50 (mc)	C701 setting	Type
1	2.001	Max (3 turns cw).	T701, T705, T709
1	4.001	Min (3 turns ccw).	C703, C710, C720
2	4.001	Max (3 turns cw).	T702, T706, T710
2	7.001	Min (3 turns ccw).	C704, C711, C721
3	7.001	Max (3 turns cw).	T703, T707, T711
3	12.001	Min (3 turns ccw).	C705, C712, C722
4	12.001	Max (3 turns cw).	T704, T708, T712
4	18.001	Min (3 turns ccw).	C706, C713, C723

b. Synthesizer Amplifier.

(1) Connect the power supply positive lead to pin 3 of TB701, and the negative lead to pin 4 of TB701.

(2) Connect the AN/URM-25D to J703.

(3) Connect Electronic Voltmeter AN/URM-145 to pin 3 of Z1 (fig. 3-9).

(4) Connect a 100-ohm, 1/2-watt resistor to J705.

(5) Adjust the power supply output to 9 volts.

(6) Set C701 to maximum capacity

(plates meshed), and S1 fully counterclockwise (band 1).

(7) Set the signal generator for an output of 3.75 mc \pm 1 percent, and adjust the level until an output is observed at pin 3 of A1.

(8) Adjust transformer T713 (figs 3-35 and 3-36) for a maximum output as indicated on the AN/URM-145, reducing the signal generator level as necessary to keep the output below 100 millivolts.

(9) Set C701 to minimum capacity (plates out of mesh).

(10) Set the signal generator to 5.75 mc \pm 1 percent.

(11) Adjust C731 for a maximum output as indicated on the AN/URM-145; adjust the signal generator to keep the output level below 100 millivolts as required.

(12) Repeat the procedures in (8) through (11) above until the last adjustment gives less than 1 db of change per trimmer capacitor adjustment.

(13) Repeat the procedures in (6) through (12) above to align the remaining bands in the synthesizer circuit as shown in the chart below.

TM5820-590-35-1-51

SI setting band	Synth AN/URM-25D	PEAK NOISE control C701 setting	Tune
1	3.75	Max (3 turns cw)	T713
1	5.75	Min (3 turns ccw)	C731
2	5.75	Max (3 turns cw)	T714
2	8.75	Min (3 turns ccw)	C733
3	8.75	Max (3 turns cw)	T715
3	13.75	Min (3 turns ccw)	C734
4	13.75	Max (3 turns cw)	T716
4	19.75	Min (3 turns ccw)	C736

(14) Connect the AN/URM-145 across the 100-ohm resistor at J705.

(15) Connect the signal generator to pin 5 of Z1.

(16) Set the signal generator to 1.75 mc, and adjust the signal generator level until an output is observed on the AN/URM-145.

(17) Adjust T717 (fig. 3-9) for maximum output as indicated on the AN/URM-145.

3-24. IF Audio Module Alignment

CAUTION

To avoid breaking the tuning slug screw slots of transformers T401 through T404 during alignment, apply a light coating of MEK (TT-M-261) to the screw threads and let sit from 2 to 3 minutes.

a. Receive Mode Alignment. With the test equipment connected as shown in A (RECEIVE), figure 3-12, perform the following alignment:

(1) Set power supply No. 2 to OFF. Set power supply No. 1 to 9 volts at 50 ma.

(2) Set the AN/GRM-50 to 1.749 mc at 30 microvolts rms.

(3) Set the AN/URM-25D to 1.750 mc at 1.0 volt rms.

(4) Set potentiometer R415 (fig. 3-37) to its maximum clockwise position.

(5) Adjust the level and frequency of the AN/GRM-50 (fig. 3-12) to obtain 1.0 volt rms at pin 1 of TB202 as indicated on Multimeter ME-26B/U.

(6) Adjust the 2-kilohm potentiometer for a maximum output at pin 1 of TB202.

(7) Adjust transformers T401, T402, T403, and T404 (fig. 3-37) for a maximum output at pin 1 of TB202. During the adjustments, reduce the level of the AN/GRM-50

to keep the output at pin 1 of TB202 below 1.4 volt rms.

(8) Repeat the procedures in (7) above until no further increase in the output is noted.

(9) Adjust the AN/GRM-50 for a frequency output at pin 1 of TB202 of 1 kc as indicated on the AN/USM-207.

(10) Adjust the AN/GRM-50 output level to 30 microvolts. Set potentiometer R415 for an output of 1.0 volt rms at pin 1 of TB202.

b. Transmit Mode Alignment. With the test equipment connected as shown in B (TRANSMIT), figure 3-12, perform the following alignment:

(1) Connect a clip lead from pin 3 of TB202 to pin 4. Adjust power supply No. 1 to 9 volts at 50 ma. Adjust power supply No. 2 to 12 volts at 500 ma. Adjust the signal generator to 1.750 mc at 1.0 volt rms.

(2) Adjust potentiometer R434 (fig. 3-13) for a minimum output at J401 as indicated on Electronic Voltmeter AN/URM-145 (fig. 3-12).

(3) Remove the clip lead from pin 3 and pin 4 of TB202. Set the AN/URM-127 to 1 kc at 1.2 millivolts rms.

(4) Adjust potentiometer R432 (fig. 3-13) until the output at J401 is 28 ± 0.5 millivolts rms as indicated on the AN/URM-145.

3-25. Frequency Generator Module Alignment

To align the 10-kc calibrate pulse output, connect the test equipment as shown in figure 3-14 and proceed as follows:

a. Connect the oscilloscope to the emitter of transistor Q12 (fig. 3-38).

b. Connect the AN/USM-207 to the vertical output of the AN/USM-140B.

c. Adjust R515 until an output of 250 kc ± 100 cps is observed on the AN/USM-207. Center the R515 adjustment between the two extremes within which locking to 250 kc occurs.

d. With a clip lead, short circuit the base of Q12 to ground.

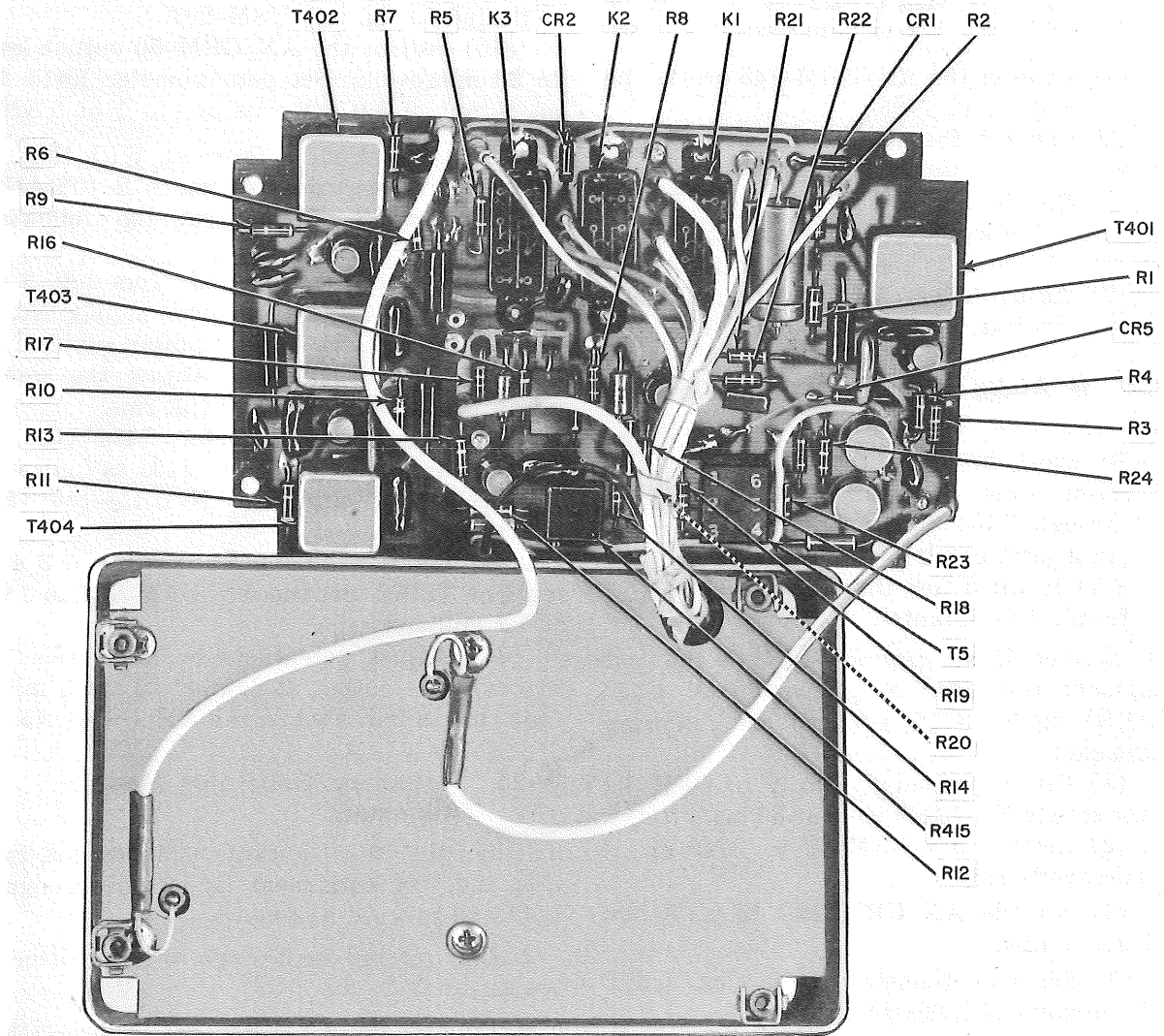
e. Connect the AN/USM-140B probe to the

emitter of Q13, and adjust R520 until an output of 46 kc \pm 100 cps is observed on the frequency meter.

f. Remove the clip lead from Q12, and short circuit the base of Q13 to ground.

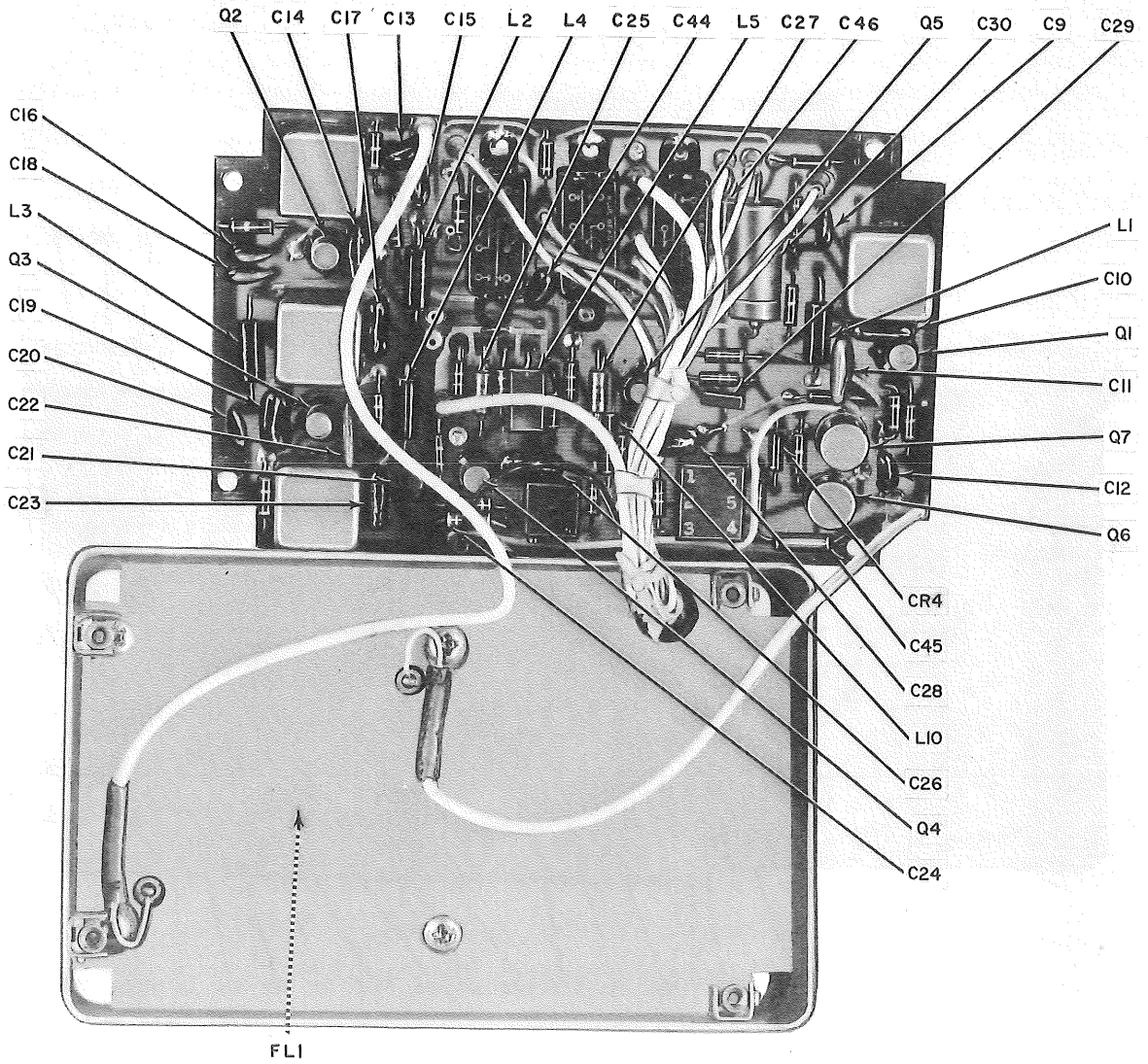
g. Connect the AN/USM-140B probe to the emitter of Q14, and adjust R525 until an output of 9.6 kc \pm 100 cps is observed on the frequency meter.

h. Connect the clip lead from Q13.



TM5820-590-35-1-C1-49 ①

Figure 3-37①. IF Audio module, rear view, component boards removed (part 1 of 2).



TM5820-590-35-1-C1-49 (2)

Figure 3-37(2). IF Audio module, rear view, component boards removed (part 2 of 2).

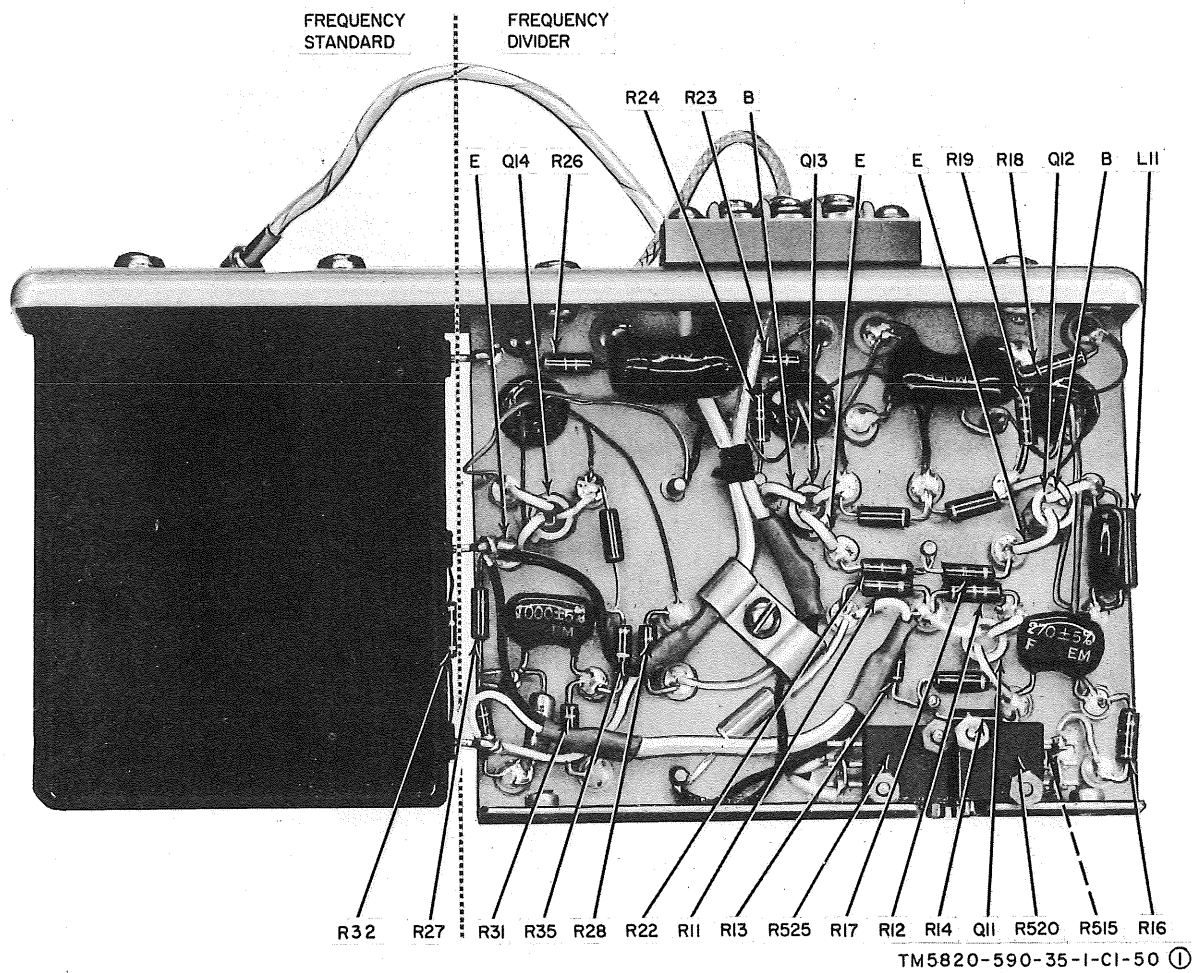


Figure 3-38①. Frequency generator module, front view (part 1 of 2).

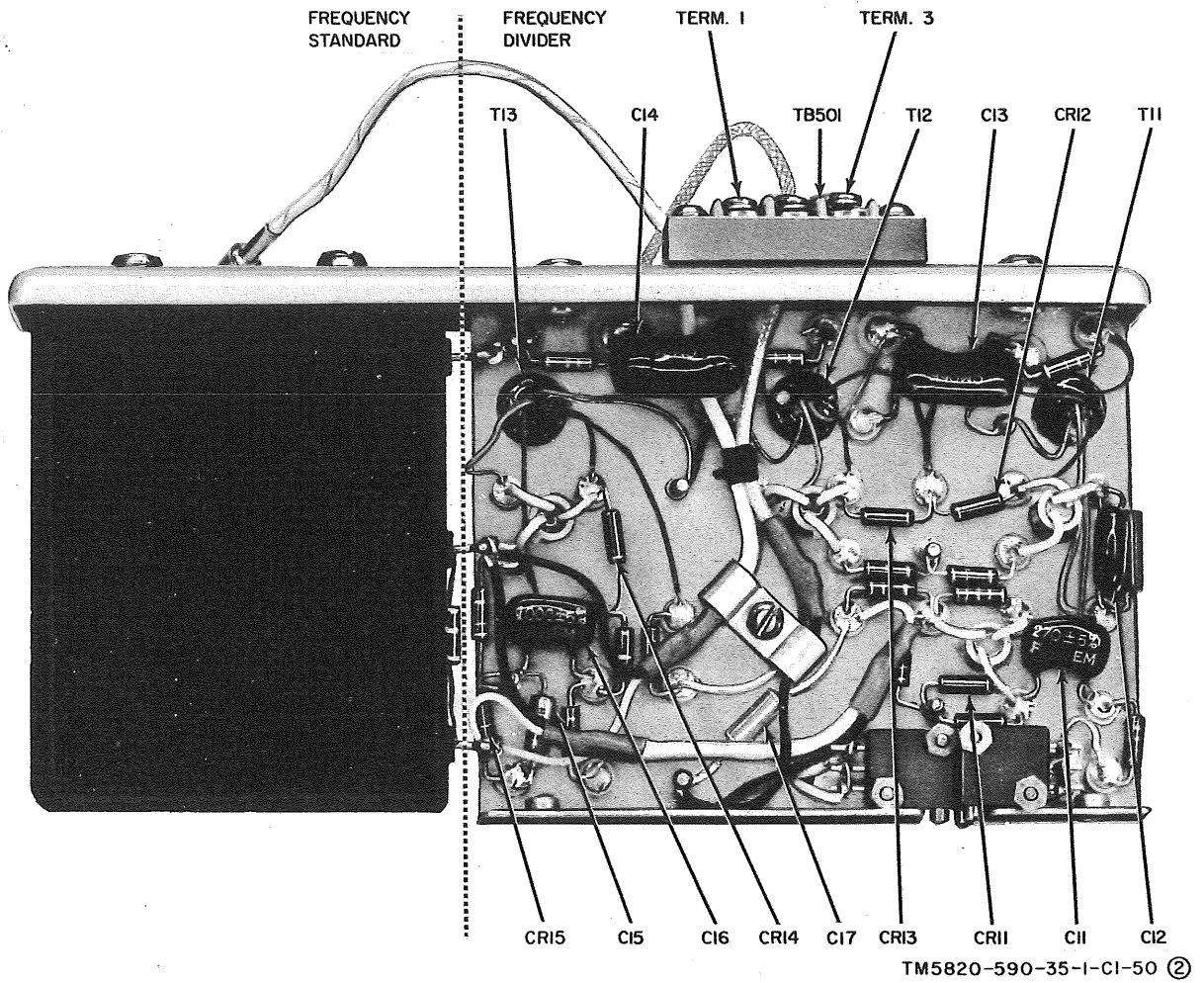


Figure 3-38②. Frequency generator module, front view (part 2 of 2).

CHAPTER 4

GENERAL SUPPORT TESTING PROCEDURES

4-1. General

a. Testing procedures are prepared for use by Signal Field Maintenance Shops and Signal Service Organizations responsible for general support maintenance of electronic equipment to determine the acceptability of repaired electronic equipment. These procedures set forth specific requirements that repaired electronic equipment *must* meet before it is returned to the using organization. The testing procedures may also be used as a guide for the testing of equipment that has been repaired at direct support if the proper tools and test equipment are available. A summary of the performance standards is given in paragraph 4-7.

b. Comply with the instructions preceding the body of each chart before proceeding to the chart. Perform each test in sequence. *Do not vary the sequence.* For each step, perform all the actions required in the *Control settings* columns; then perform each specific test procedure, and verify it against its performance standard.

4-2. Test Equipment

All test equipments required to perform the

testing procedures given in this chapter are listed in the chart below and are authorized under TA-11-17, Signal Field Maintenance Shops, and TA-11-100 (11-17), Allowances of Signal Corps Expendable Supplies for Signal Field Maintenance Shop, Continental United States.

a. Test Equipment.

<i>Nomenclature</i>	<i>Technical manual</i>
Signal Generator	
AN/GRM-50	TM 11-6625-573-15
Electronic Voltmeter	
AN/URM-145	TM 11-6625-524-14
Multimeter ME-26B/U	TM 11-6625-200-12

b. Other Equipment.

- (1) Power Supply HP6439A (or equivalent).
- (2) Dummy load, 50-ohm, 20-watt.
- (3) Probe T-Connector PH11042A.

c. Fabricated Equipment. A 20-db match pad is required. Refer to paragraph 3-1a for details.

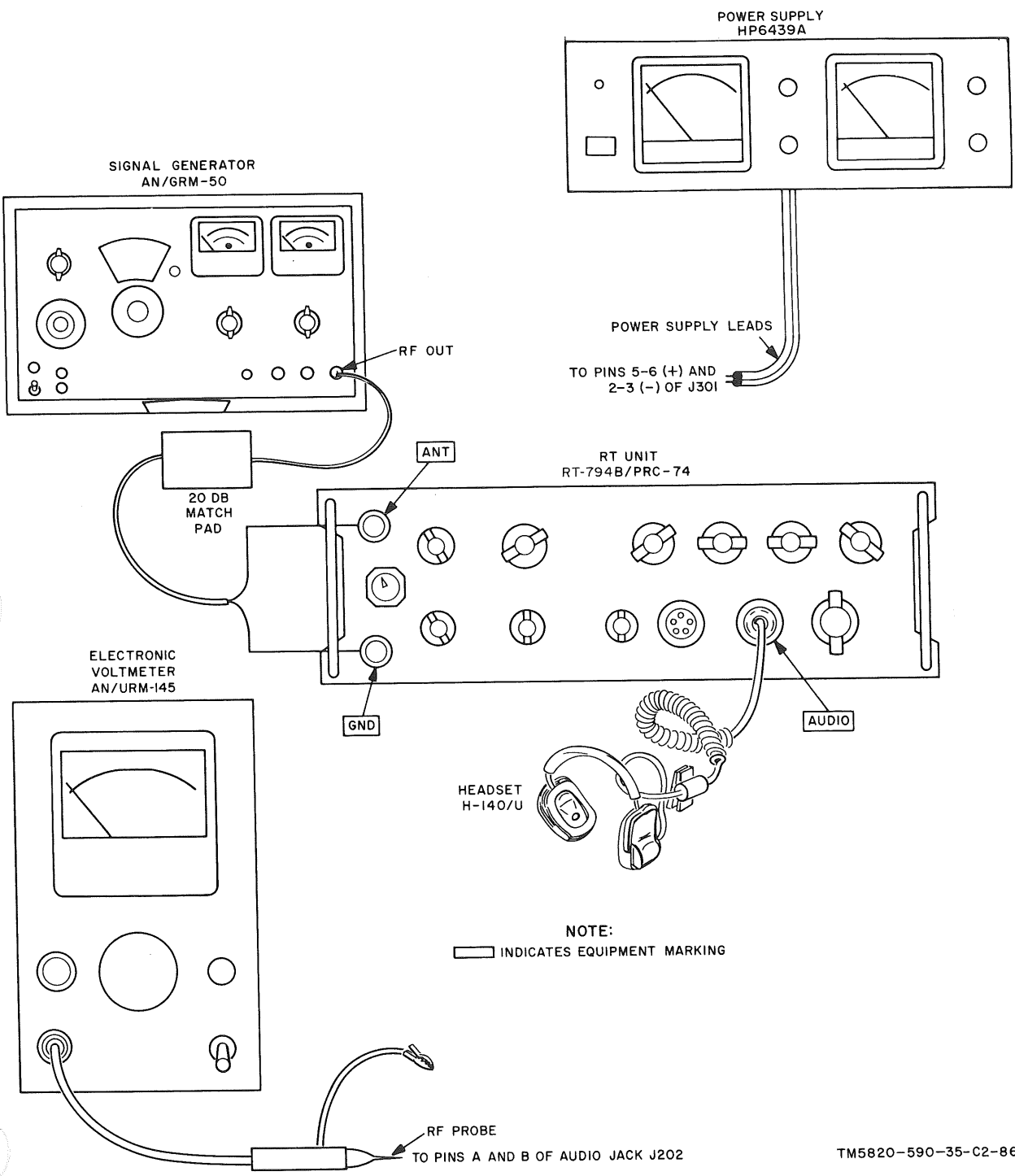
4-3. Physical Tests and Inspection

- a. Test Equipment and Materials.* None.
- b. Test Connections and Conditions.* None.

c. Procedure.

Step No.	Test equipment	Control settings	Test procedure	Performance standard
1	None	Equipment under test Radio Set AN/PRC-74B Controls may be in any position	a. Inspect all controls and mechanical parts for loose or missing screws or nuts. b. Inspect connectors for looseness and damage. c. Turn OFF-ON-TUNE switch to ON, and then to TUNE. d. Turn CLARIFY-PUSH TO CALIBRATE switch throughout switch range. Push in and turn switch throughout switch range. e. Turn ANT TUNE, ANT LOAD, and PEAK NOISE controls 360°.	a. Screw and nuts will be tight; none missing. b. No looseness or damage evident.
2	None	Controls may be in any position	a. Turn R.F. GAIN MC (MHz), 100 KC (KHz), 10KC (KHz), and 1KC (KHz) controls throughout their limits b. Turn the power supply METER switch to CHARGE AMPS, to BATTERY VOLTS, and then to RADIO VOLTS. c. Turn CHARGING CURRENT control throughout its limits. d. Operate POWER ON and CHARGER ON switches.	a. Switch operates freely to ON; spring-return from TUNE. b. Switch operates freely throughout switch ranges; spring-return from PUSH to CALIBRATE. c. Controls turn freely without binding or excessive looseness. d. Controls turn freely without binding or excessive looseness. e. Switch operates freely to each position without binding or excessive looseness. f. Control turns without binding or excessive looseness. g. Switches operate freely without binding or excessive looseness.
3	N/A	N/A	Inspect equipment case for damage or missing parts and for condition of finish and panel lettering.	No damage or missing parts evident. External surfaces intended to be painted do not show bare metal. Panel lettering is legible.

Note. Touchup painting is recommended instead of refinishing whenever practicable. Screwheads and receptacles will not be painted or polished with abrasives.



TM5820-590-35-C2-86

Figure 4-1. Radio set receive test.

4-4. Radio Set, Receive Test

a. Test Equipment and Materials.

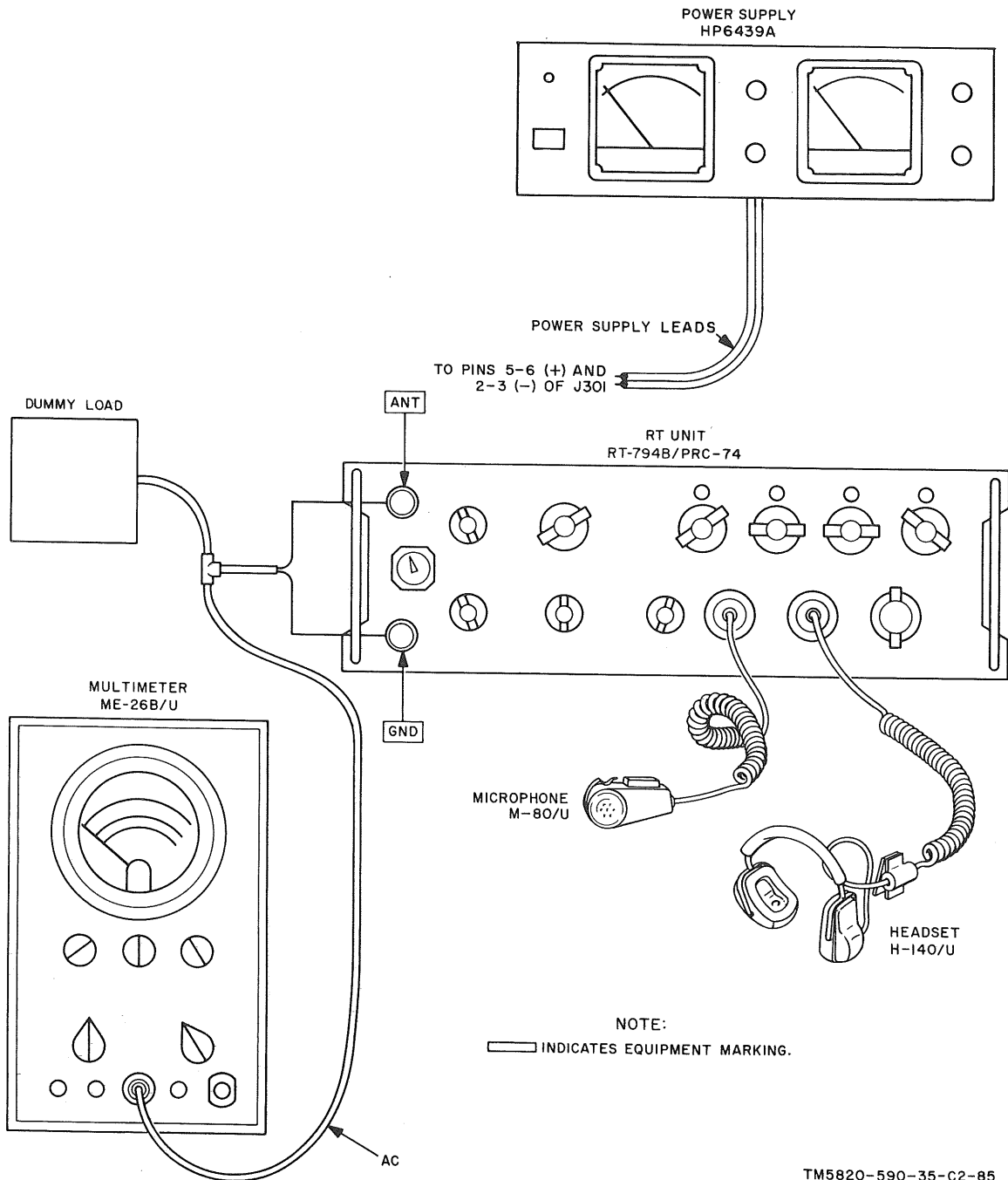
- (1) Signal Generator AN/GRM-50.
- (2) Electronic Voltmeter AN/URM-145.
- (3) Power Supply HP6439A (or equivalent).

- (4) 20-db match pad.

b. Test Connections and Conditions. Connect Receiver-Transmitter, Radio RT-794B/PRC-74 (rt unit) and the test equipment as shown in figure 4-1. Turn on the equipment, and allow it 5 minutes to warm up before proceeding.

c. Procedure.

Step No.	Test equipment	Control settings	Equipment under test	Test procedure	Performance standard
1	AN/GRM-50 POWER: ON VERNIER ATTENUATOR: 7 micro-volts. RANGE: 2.001 cm HP6439A VOLTAGE ADJUST: 12V.	MC (MHz): 2 100 KC (KHz): 0 10 KC (KHz): 0 1 KC (KHz): 0 OFF-ON-TUNE: ON	RT-794B/PRC-74	a. Adjust AN/GRM-50 for frequency beat note of approximately 1 kc in audio output. b. Turn R. F. GAIN control fully clockwise. c. Adjust PEAK NOISE, ANT LOAD, and ANT TUNE controls for maximum audio output. d. Adjust R206 and R210 on TB-203 (fig. 2-1) for maximum audio output. Adjust T717 for maximum audio output.	a. None. b. None. c. None. d. None.
2	AN/URM-145 RANGE: .01 VOLTS	None	a. Connect AN/URM-145 to pins A and B of J202 (AUDIO connector). b. Repeat test with rt unit frequency controls set to 4,000, 7,000, and 12,000 mc, and AN/GRM-50 set to frequencies of 4,001, 7,001, and 12,001 mc. Do not readjust R206, R210, and T717.	a. AN/URM-145 indication should be not less than 0.707 volt rms. b. AN/URM-145 indications should not be less than 0.707 volt rms at all frequency settings.



TM5820-590-35-C2-85

Figure 4-2. Radio set transmit test.

4-5. Radio Set Transmit Test*a. Test Equipment and Materials.*

- (1) Multimeter ME-26B/U.
- (2) Power Supply HP6439A (or equivalent).

(3) Probe T-connector HP11042A.

(4) Dummy load, 50-ohm, 20-watt.

b. Test Connections and Conditions. Connect the equipment as shown in figure 4-2. Turn on the equipment, and allow it 5 minutes to warm up before proceeding.

c. Procedure.

Step No. 1
Test equipment HP6439A

VOLTAGE ADJUST:
12V.

Control settings

Equipment under test
RT-794B/PRC-74

MC (MHz): 11
100 KC (KHz): 5
10 KC (KHz): 5
1 KC (KHz): 5
OFF-ON-TUNE: ON

ME-26B/U

FUNCTION: +
RANGE: 100V

Test procedure

- a. Turn R. F. GAIN control fully clockwise.
- b. Adjust PEAK NOISE, ANT LOAD, and ANT TUNE controls for maximum audio output.
- c. Adjust R206 and R210 on TB203 (fig. 2-1) for maximum audio output. Adjust T717 for maximum audio output.
- d. Turn OFF-ON-TUNE switch to TUNE.
- e. Adjust R885 (fig. 2-8) on power amplifier module until continuous-wave output as indicated on ME-26B/U is 25.5 volts rms.
- f. Connect microphone to either AUDIO jack.
- g. Speak or whistle into microphone.
- h. Repeat *d* through *g* above, with radio set frequency controls set to 2,000, 4,000, 7,000, and 12,000 mc.

Performance standard

- a. None.
- b. None.
- c. None.
- d. None.
- e. ME-26B/U indication: 25.5 volts rms.
- f. None.
- g. ME-26B/U should indicate peaks of not less than 26 volts nor more than 37 volts.
- h. ME-26B/U indication should be not less than 24.5 volts rms at all frequency settings.

4-6. Power Supply PP-4514/PRC-74

a. *Test Equipment and Materials.* The only test equipment required is Multimeter ME-26B/U.

b. *Test Connections and Conditions.* Re-

move the battery charger module. Connect the negative lead of Multimeter ME-26B/U to pin 1 of J3 (fig. 2-10), and the positive lead to pin 2. Turn on the test equipment, and allow it 1 minute to warm up.

c. Procedure.

Step No. Test equipment.

1 ME-26B/U
FUNCTION: +

RANGE: 100V

2 ME-26B/U
Disconnected.

3 None.

Control settings

Equipment under test
PP-4514/PRC-74
POWER ON: ON

None.

PP-4514/PRC-74
CHARGER ON: ON

Test procedure

- a. Connect P1A of cable W1 to J1 and to a 28-volt power source.
- b. Disconnect cable W1, and connect PIB of cable W2 to J1 and to a 110-volt, 50- to 400-cps power source.
- a. Replace battery charger module.
- b. Connect P1A of cable W1 to J1 and to a 28-volt power source.
- c. Turn METER switch to RADIO VOLTS.
- d. Momentarily short-circuit pins 2 and 6 of J4.
- a. Turn METER switch to BATTERY VOLTS.
- b. Connect cable W5 to J5.
- c. Turn CHARGING CURRENT control fully clockwise.
- d. Momentarily short-circuit battery clips of cable.

Performance standard

- a. ME-26B/U indication: 28 volts.
- b. ME-26B/U indication: 20-40 volts.
- a. None.
- b. None.
- c. Power supply meter should indicate 14 ±3 volts.
- d. Power supply meter should indicate 0 volt.
- a. Power supply panel meter should indicate 20 volts.
- b. None.
- c. None.
- d. Power supply meter should indicate 0 volts.

4-7. Summary of Test Data

Personnel may find it convenient to arrange a checklist in a manner similar to that shown below:

RT-794B/PRC-74

	Actual Test Data	Performance Standard	
1. RECEIVE MODE			
a. 2.000 mc	_____	0.707 volts rms minimum	
b. 4.000 mc	_____	0.707 volts rms minimum	
c. 7.000 mc	_____	0.707 volts rms minimum	
d. 12.000 mc	_____	0.707 volts rms minimum	
2. TRANSMIT MODE			
		Continuous wave output	Power output peaks
a. 2.000 mc	_____	25.5 volts rms minimum	26-37 volts
b. 4.000 mc	_____	25.5 volts rms minimum	26-37 volts
c. 7.000 mc	_____	25.5 volts rms minimum	26-37 volts
d. 12.000 mc	_____	25.5 volts rms minimum	26-37 volts

PP-4514/PRC-74

OUTPUT VOLTAGE REGULATION	Actual Test Data	Performance Standard
a. Module case	_____	20 to 40 volts
b. Power supply module	_____	14 ±3 volts
c. Battery charger	_____	20 volts

CHAPTER 4.1

DEPOT MAINTENANCE

Section I. POWER AMPLIFIER MODULE

4.1-1. Test Equipment and Additional Equipment Required

The test equipment and additional equipment required for depot maintenance of the power amplifier module is listed in *a* and *b* below.

a. Test Equipment.

- (1) Generator, Signal AN/GRM-50.
- (2) Multimeter ME-26B/U.
- (3) Multimeter TS-352B/U (three required).
- (4) Power Supply, Hewlett-Packard HP 6439A (three required).

b. Additional Equipment.

- (1) Resistor, 50-ohm, 20-watt.
- (2) Hewlett-Packard TEE Connector No. 11042A (T-connector).

4.1-2. Power Amplifier Module Troubleshooting

a. Connect the test equipment to the power amplifier module as shown in figure 4.1-1.

b. Set power supply No. 1 for 12.0 volts ± 0.6 , 200 ma.

c. Set power supply No. 2 for 9.0 volts ± 0.45 , 400 ma.

d. Set power supply No. 3 for 40 volts ± 2 , 1 ampere.

e. Set the AN/GRM-50 to 2 mc at 10 mv.

f. Set Multimeter TS-352B/U No. 1 to the 1-MA scale, Multimeter TS-352B/U No. 2 to the 10-VDC scale, and Multimeter TS-352B/U No. 3 to the 1,000-MA scale.

g. Adjust the AN/GRM-50 output for an indication of 850 ma on multimeter No. 3.

h. Adjust L807 and C825 (fig. 4.1-2) for a maximum indication on multimeter No. 1.

i. Adjust the AN/GRM-50 output for an indication of 24.5 volts ac on Multimeter ME-26B/U (fig. 4.1-1).

j. The input level from the signal generator shall be equal to or less than 70 mv.

k. Multimeter No. 1 shall indicate 0.5 to 1.0 ma.

l. Multimeter No. 3 shall indicate 850 ± 0 , -150 ma.

m. Repeat the procedures in *g* through *l* above for each of the following frequencies: 3.5 mc, 6 mc, 10.5 mc, and 18 mc.

n. Reduce the output of power supply No. 3 to 30 volts. Multimeter ME-26B/U shall indicate less than 5 volts ac.

o. If the ME-26B/U indications are not within tolerance, perform the alignment procedure for the power amplifier module (para 4.1-5).

p. If the power amplifier cannot be aligned, check the power amplifier module as follows:

(1) Unsolder the wire from relay K1, pin A2, (fig. 4.1-3) (connected to junction of C825 and L807), and connect a 100-ohm, 20-watt load between pin A2 and ground.

(2) Turn on all the power supplies.

(3) Set the AN/GRM-50 for an output of 6 mc at 20 to 40 mv.

(4) Connect Multimeter ME-26B/U between the yellow primary winding of transformer T1 and ground. The ME-26B/U indication shall be approximately 2.1 volts ac.

(5) If the ME-26B/U indication obtained in (4) above is low, check for defective components in the preamplifier. Approximate emitter voltages of Q1, Q2, and Q3 (fig. 4.1-4)

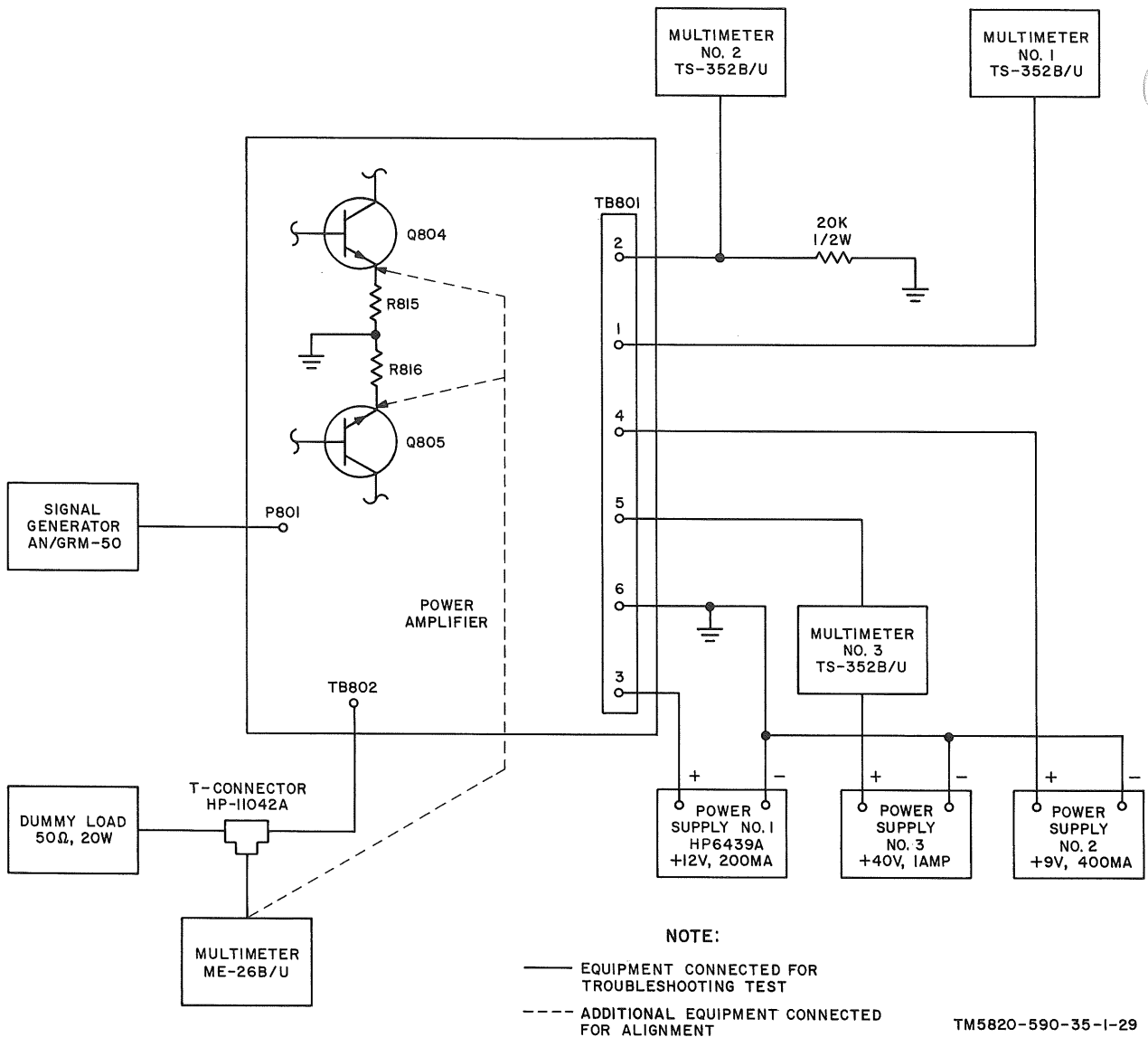


Figure 4.1-1. Power amplifier module, test setup.

shall be +0.5 volt, +1.2 volt, and +1.2 volt respectively. Replace defective transistors.

(6) Disconnect Multimeter ME-26B/U.

(7) Disconnect the 100-ohm load ((1) above), and solder the wire to K1, pin A2 (from the junction of L807 and C825).

(8) Disconnect the AN/GRM-50 from P801 (fig. 3-17).

(9) Multimeter No. 3 shall indicate less than 100 ma.

(10) If the multimeter indication ((9) above) is greater than 100 ma, check for a defective transistor Q4 or Q5 (fig. 4.1-3), or bias network R12, R13, and R14 (figs. 4.1-4 and 4.1-3).

(11) If no current flow is indicated ((9) above) check for defective components in the Q4 and Q5 circuits.

(12) Connect the AN/GRM-50 to P801 (fig. 4.1-5), and set the output for 6 mc at 30 mv.

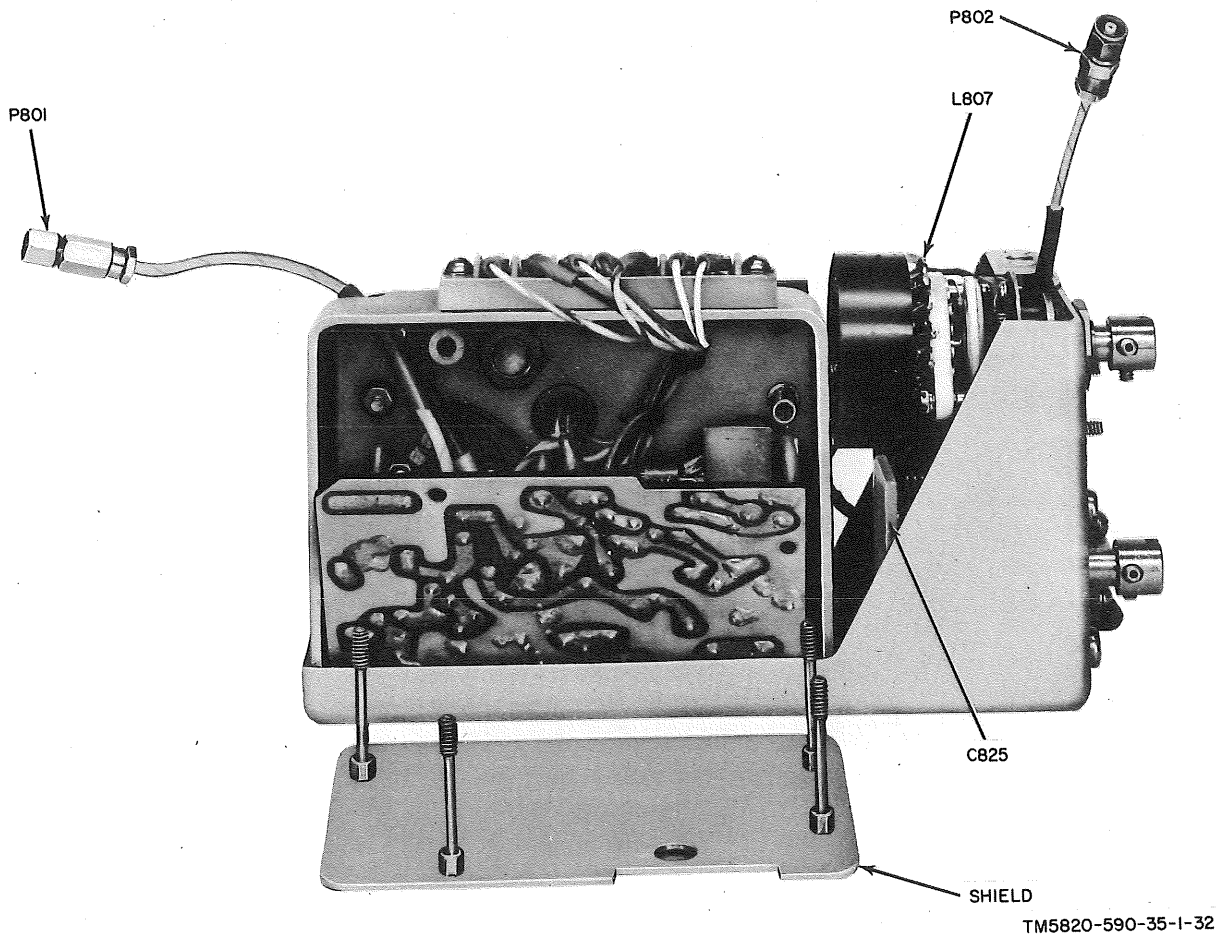


Figure 4.1-2. Power amplifier module, right side, component board removed.

(13) Multimeter No. 3 should indicate between 650 and 1,000 ma.

(14) If the measurement obtained in (13) above is not within tolerance, check for a defective transistor Q4 or Q5 (fig. 4.1-3).

4.1-3. Power Amplifier Module Disassembly (fig. 4.1-6)

Disassemble the power amplifier module as follows:

- a. Remove four screws (1), and remove divider shield (2).
- b. Unsolder wires from driver board (3), and remove driver board from preamplifier chassis (11).

c. Disconnect wires from terminal board TB801 (6).

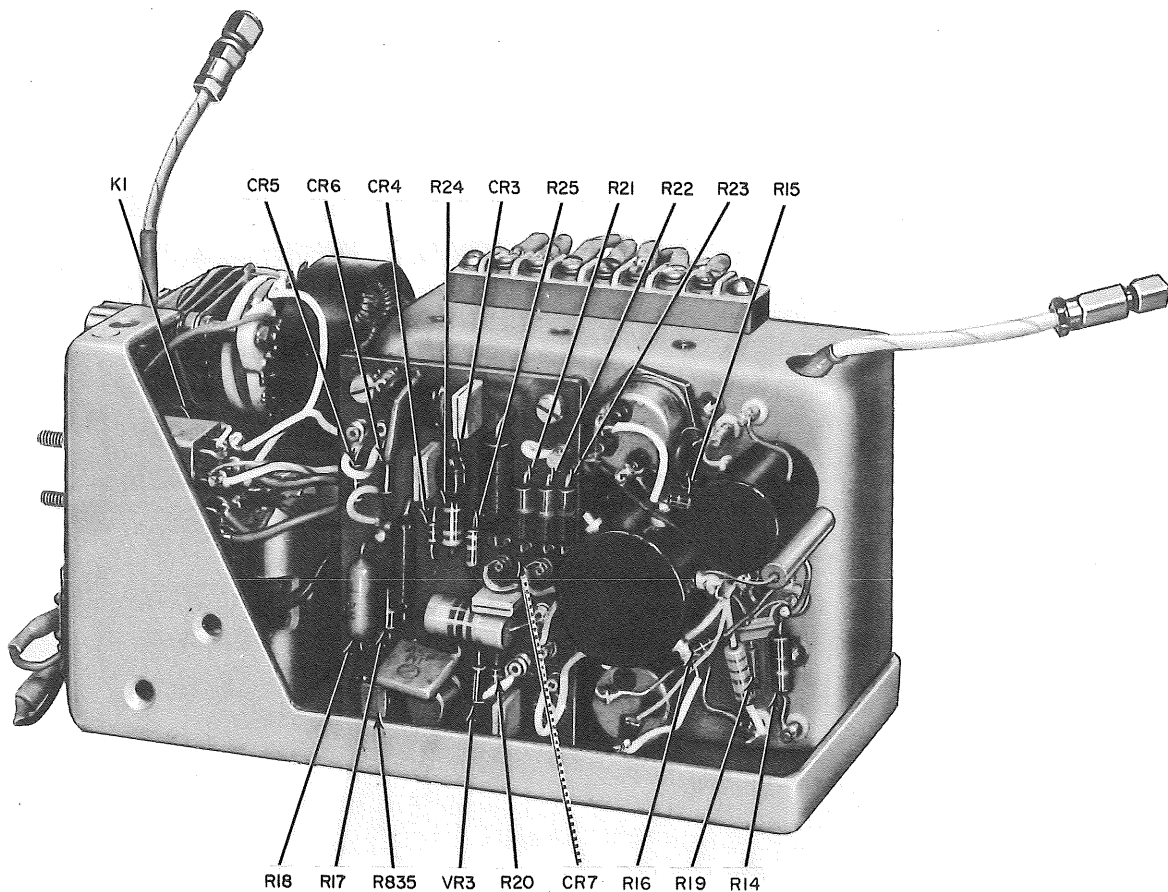
d. Remove two screws (4) and washers (5), and lift terminal board TB801 (6) from preamplifier chassis (11).

e. Unsolder wires from preamplifier board (9).

f. Remove four screws (7) and washers (8), and lift preamplifier board (9) from preamplifier chassis (11).

g. Unsolder wires from preamplifier chassis (11).

h. Remove four screws (10), and lift pre-



TM5820-590-35-1-C1-33 ①

Figure 4.1-3①. Power amplifier module, left-hand side (part 1 of 2).

amplifier chassis (11) from power amplifier chassis (23).

i. Unsolder wires from relay K1 (14).

j. Remove two nuts (12) and washers (13), and lift relay K1 (14) from power amplifier chassis (23).

k. Remove four setscrews (15) and two shaft couplers (16).

l. Unsolder wires from capacitor C825 (20).

m. Remove three screws (17), and washers (18), and lift capacitor C825 (20) from power amplifier chassis (23).

n. Unsolder wires from inductor L807 (22).

o. (Applies to AN/PRC-74B only). Remove nut (21), and lift inductor L807 (22) from power amplifier chassis (23).

p. (Applies to AN/PRC-74C only). Remove nut (21), lockwasher (21A), and lift inductor L802 (22) from power amplifier chassis (23).

q. (Applies to AN/PRC-74C only). Remove antirotational washer (22A) from inductor L807.

4.1-4. Power Amplifier Module Assembly (fig. 4.1-6)

Reassemble the power amplifier module as follows:

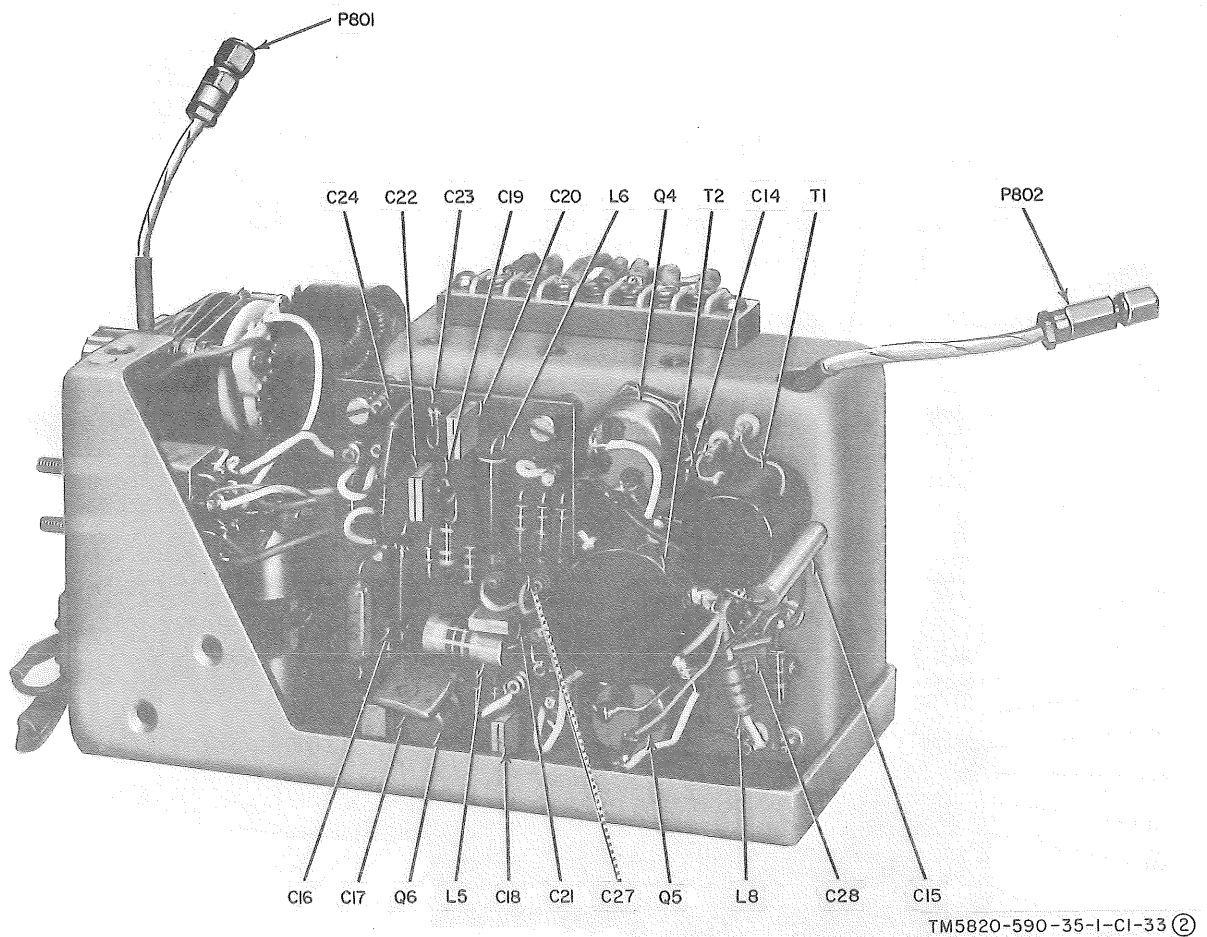


Figure 4.1-3②. Power amplifier module, left-hand side (part 2 of 2).

a. (Applies to AN/PRC-74B only). Install inductor L807 (22) in power amplifier chassis (23), and secure with nut (21). Apply Loctite Sealant (MIL-S-22473B, FSN 8030-926-8953) to nut. Solder wire connections.

a.1 (Applies to AN/PRC-74C only). Place antirotational washer (22A) on shaft of inductor L807. Install inductor L807 (22) and lockwasher (21A) in power amplifier chassis (23), and secure with nut (21). Apply Loctite Sealant (MIL-S-22473B, FSN 8030-926-89-3) to nut. Solder wire connections.

b. Install capacitor C825 (20) in power amplifier chassis (23), and secure with three washers (18), and screws (17). Solder wire connections.

c. Install two shaft couplers (16) in power amplifier chassis (23), and secure with four setscrews (15).

d. Install relay K1 (14) in power amplifier chassis (23), and secure with two washers (13) and nuts (12). Solder wire connections.

e. Position preamplifier chassis (11) on power amplifier chassis (23), and secure with four screws (10). Solder wire connections.

f. Position preamplifier board (9) on preamplifier chassis (11), and secure with four washers (8) and screws (7). Solder wire connections.

g. Position terminal board TB801 (6) on preamplifier chassis (11), and secure with two

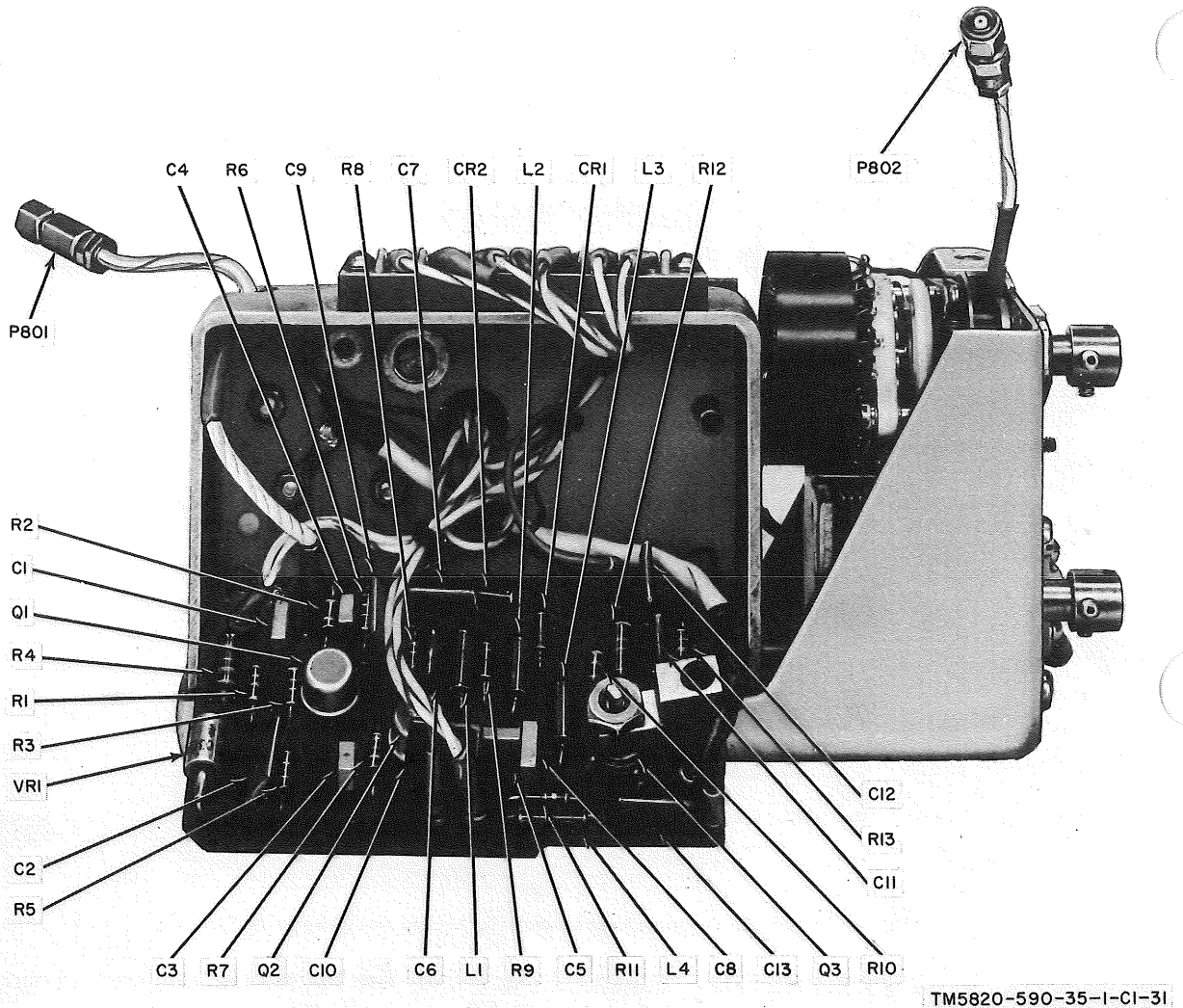


Figure 4.1-4. Power amplifier module, right-hand side.

washers (5) and screws (4). Connect wires to terminal board TB801 (6).

h. Solder wire connections on driver board (3).

i. Position driver board (3) and driver shield (2) on preamplifier chassis (11), and secure with four screws (1).

4.1-5. Power Amplifier Module Alignment

a. Connect the test equipment to the power amplifier module as shown in figure 4.1-1.

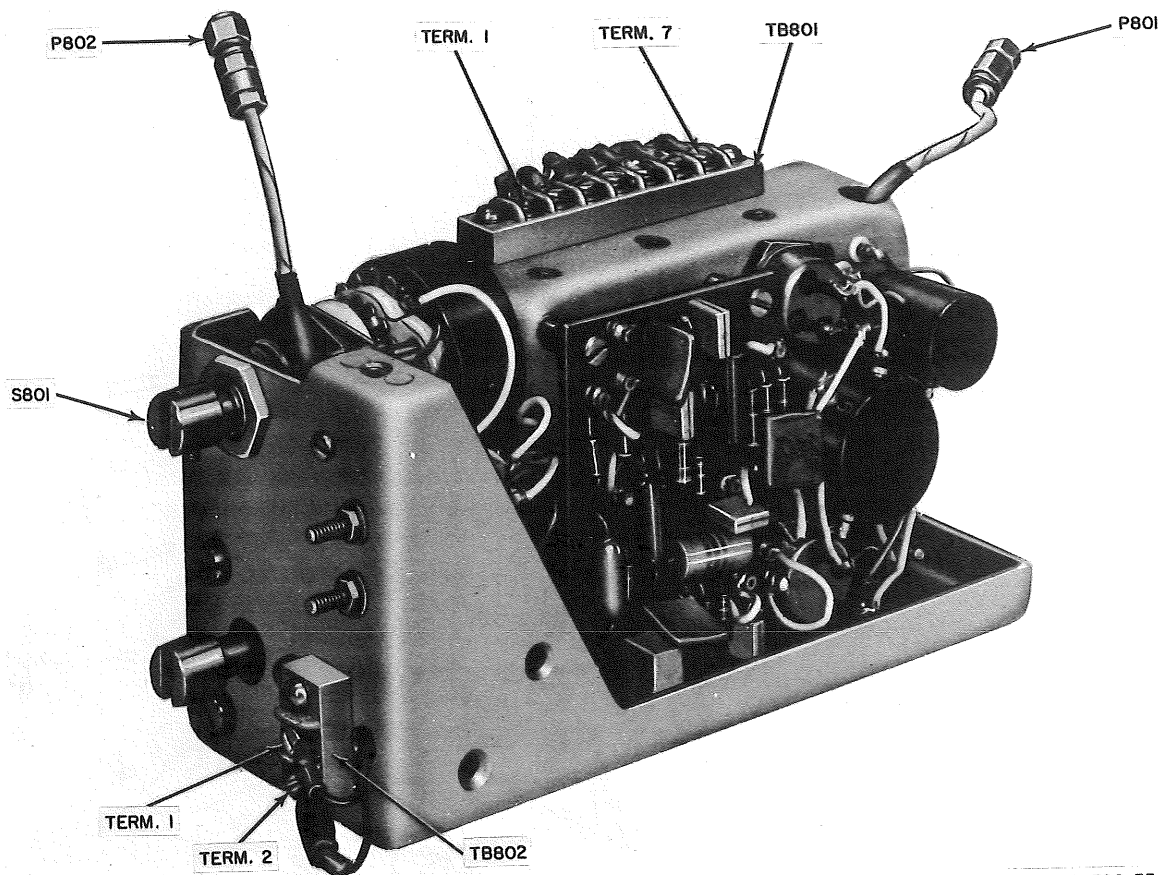
b. Set power supply No. 1 to 12.0 volts ± 0.6 , 400 ma ± 40 .

c. Set power supply No. 2 to 9.0 volts ± 0.45 , 200 ma ± 20 .

d. Set power supply No. 3 to 40.0 volts ± 2 , 1 ampere ± 0.1 .

e. Set Signal Generator AN/GRM-50 to mc, 10 mv.

f. Set multimeter No. 1 to the 1-MA scale, multimeter No. 2 to the 10-VDC scale, and multimeter No. 3 to the 1,000-MA scale.



TM5820-590-35-1-30

Figure 4.1-5. Power amplifier module.

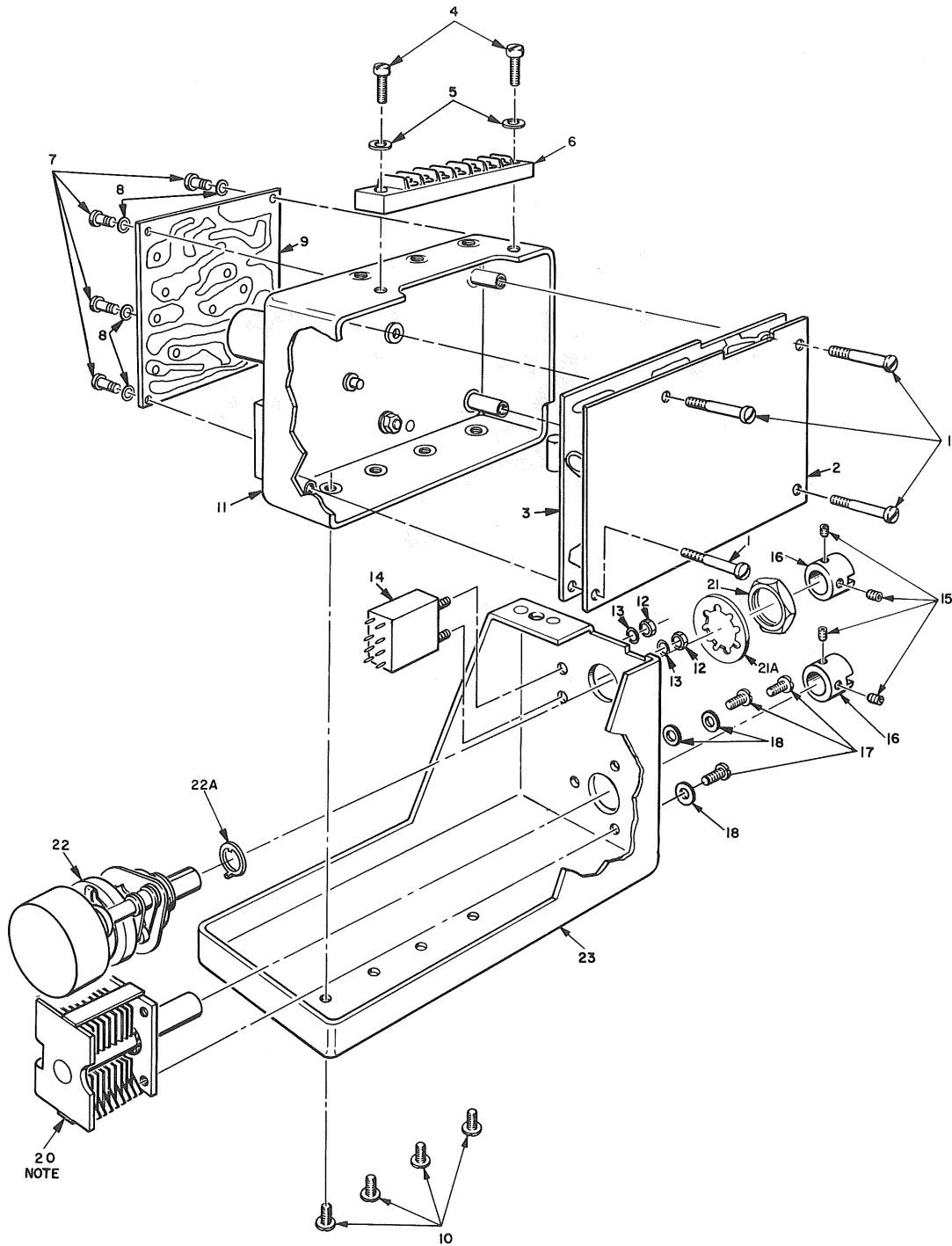
g. Adjust the AN/GRM-50 output level control until multimeter No. 3 indicates 850 ma.

h. Adjust L807 and C825 (fig. 4.1-2) for a maximum indication on multimeter No. 1.

i. Adjust the AN/GRM-50 output level control until Multimeter ME-26B/U indicates 24.5 volts ac.

j. With Multimeter ME-26B/U, measure the dc emitter voltages of Q4 and A5. (fig. 4.1-3). The difference between the two voltages shall be less than 50 mv dc. If the difference exceeds 50 mv dc, replace Q4 and Q5.

k. Adjust R835 (fig. 4.1-3) until multimeter No. 2 indicates 3.5 volts.



NOTE:
 ON AN/PRC-74B THE ROTOR OF C825
 IS CONNECTED TO GROUND.
 ON AN/PRC-74C THE STATOR OF C825
 IS CONNECTED TO GROUND.

TM5820-590-35-1-C1-42

Figure 4.1-6. Power amplifier module, exploded view.

1 Screw	10 Screw	19 Deleted
2 Driver shield	11 Preamplifier chassis	20 Capacitor C825
3 Driver board	12 Nut	21 Nut
4 Screw	13 Washer	21A Lockwasher (AN/PRC-74C only)
5 Washer	14 Relay K1	22 Inductor L807
6 Terminal board TB801	15 Setscrew	22A Antirotational Washer (AN/PRC-74C only)
7 Screw	16 Shaft coupler	23 Power amplifier chassis
8 Washer	17 Screw	
9 Preamplifier board	18 Washer	

Figure 4.1-6.—Continued.

Section II. POWER SUPPLY MODULE

4.1-6. Test Equipment and Additional Equipment Required

The test equipment and additional equipment required for depot maintenance of the power supply module is listed in *a* and *b* below.

a. Test Equipment.

- (1) Multimeter TS-352B/U.
- (2) Power Supply, Hewlett-Packard HP 6439A.

b. Additional Equipment.

- (1) Resistor, 20-ohm ± 5 percent, 50-watt.
- (2) Resistor, 40-ohm ± 5 percent, 50-watt.
- (3) Resistor, 60-ohm ± 5 percent, 2-watt.
- (4) Resistor, 80-ohm ± 5 percent, 25-watt.
- (5) Resistor, 800-ohm, 4-watt.
- (6) Resistor, 900-ohm, 1/2-watt.

4.1-7. Power Supply Module Troubleshooting

CAUTION

Do not turn off the power supply at J301 when the multimeter is connected.

a. Connect an 800-ohm, 4-watt resistor between the terminal 3 lead to TB201 of the power supply module (figs. 4.1-7 and 4.1-8 and ground).

b. Connect a 60-ohm, 2-watt resistor between the terminal 7 lead to TB201 of the power supply module and ground.

c. Connect the negative terminal of the HP-6439A to pins 2 and 3 of J301. Connect the

positive terminal of the HP6439A to pins 5 and 6 of J301.

d. With clip leads, connect the terminal 2 lead of TB201 to the terminal 6 lead, and connect the terminal 1 lead to the terminal 8 lead.

e. Adjust the HP6439A for an output of 12 volts at 10 amperes.

f. Disconnect the clip lead from the terminal 1 lead. Measure and record the +9-volt output at the terminal 7 lead with the TS-352B/U. The output shall be 9.0 volts ± 0.6 .

g. If the voltage measured is not within the specified range, check transistor Q5 and its associated components. The base voltage of Q5 should be approximately +9.7 volts. Check fuse F2.

h. Turn off the HP6439A. Connect the clip lead from the terminal 8 lead to the terminal 1 lead. Disconnect the 60-ohm resistor from the terminal 7 lead, and replace it with a 900-ohm, 1/2-watt resistor. Disconnect the 800-ohm resistor from the terminal 3 lead, and replace it with an 80-ohm, 25-watt resistor.

i. Turn on the HP6439A. Measure and record the output at the terminal 3 lead with the TS-352B/U. The output shall be +41.5 volts ± 2.5 .

j. If the voltage measured is not within the specified range, check transistors Q1 through Q4, Q6, and their associated components. Check fuse F1.

k. Turn off the HP6439A. Disconnect the 80-ohm resistor from the terminal 3 lead, and replace it with a 20-ohm, 50-watt resistor.

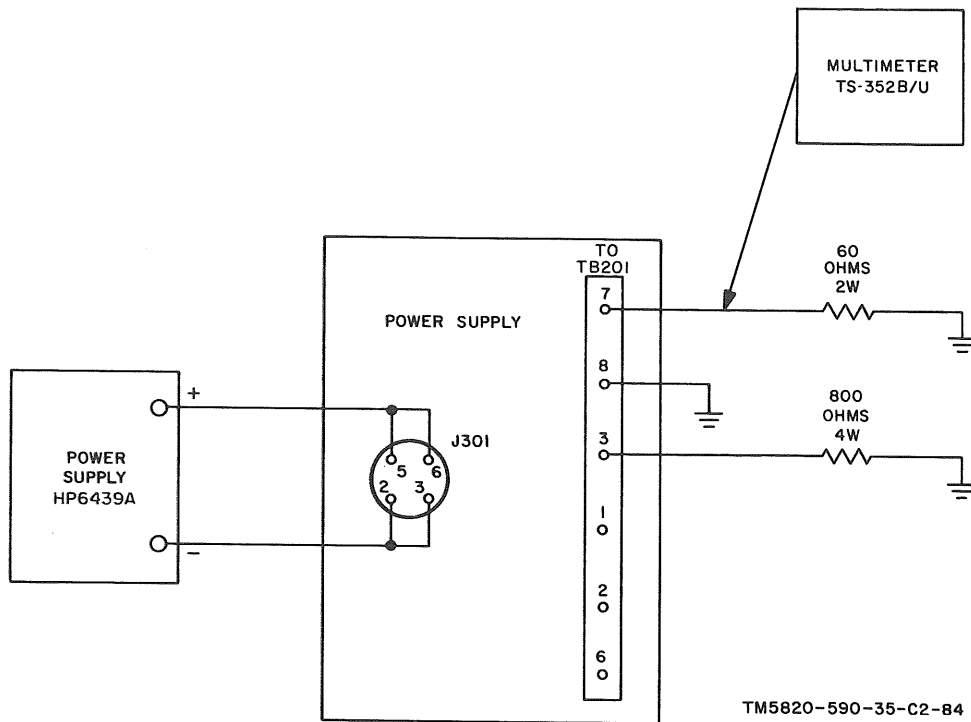


Figure 4.1-7. Power supply module, test setup.

l. Turn on the HP6439A. The output at the terminal 3 lead shall be not more than +30.0 volts. Turn off the HP6439A.

m. If the voltage measured is not within the specified range, check transistors Q3, Q4, Q6, and their associated components.

n. Disconnect the 20-ohm resistor from the terminal 3 lead, and replace it with an 800-ohm, 4-watt resistor.

o. Turn on the HP6439A, and adjust it for an output of 10.5 volts at 10 amperes.

p. Disconnect the 900-ohm resistor from the terminal 7 lead, and replace it with a 20-ohm, 50-watt resistor. The output at the terminal 7 lead shall be within +0.5, -0.25 volt of the output recorded in *f* above. Disconnect the 20-ohm resistor from the terminal 7 lead, and replace it with the 900-ohm resistor.

q. Disconnect the 800-ohm resistor from the terminal 3 lead, and replace it with a 40-ohm, 50-watt resistor. The output at the terminal 3 lead shall be within ± 2 volts of the output

recorded in *i* above. Disconnect the 40-ohm resistor from the terminal 3 lead, and replace it with the 800-ohm resistor.

r. Adjust the HP6439A for an output of 17.0 volts. The output at the terminal 3 lead shall be within ± 2 volts of the output recorded in *i* above.

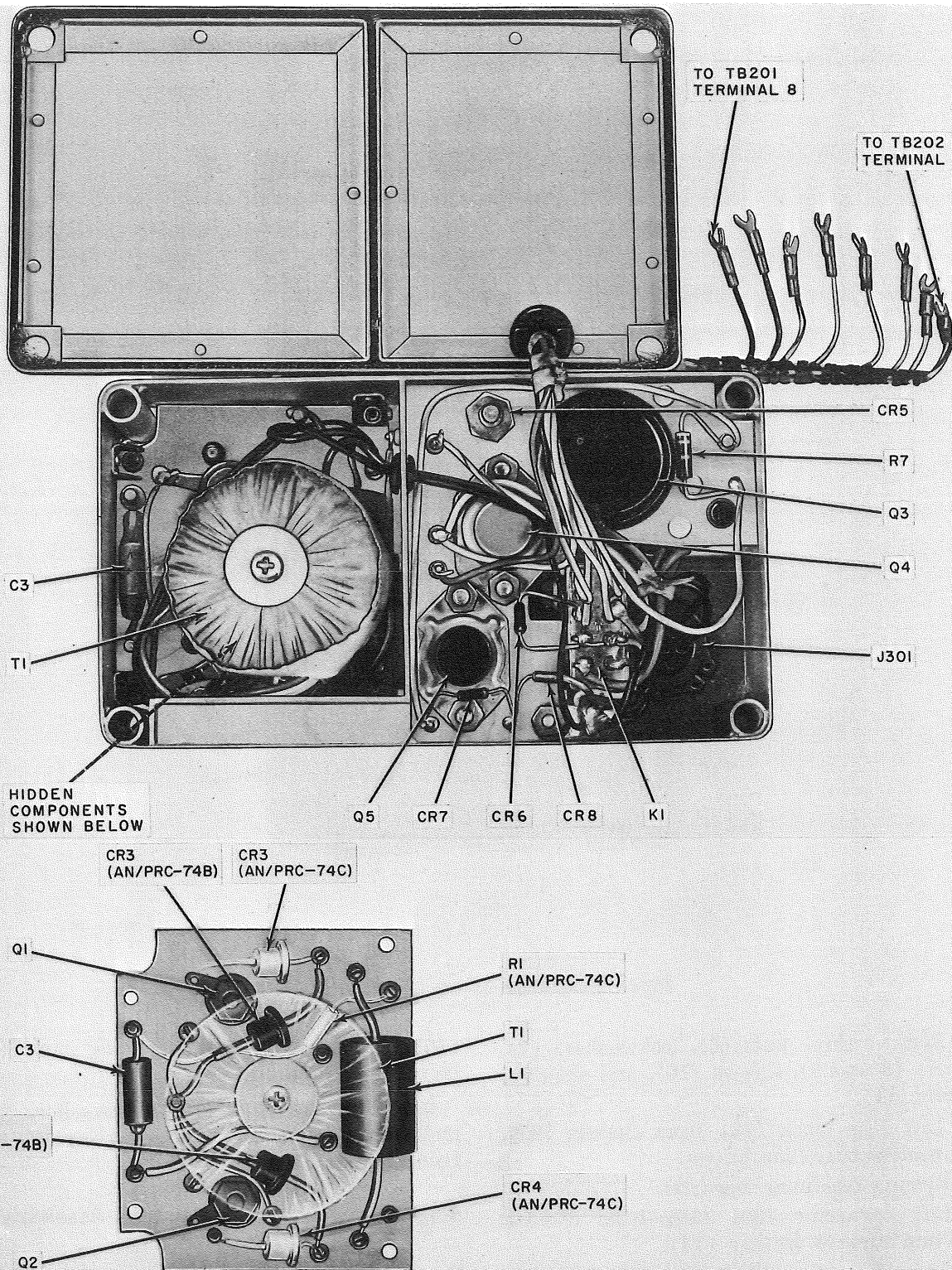
s. Disconnect the clip lead from the terminal 1 lead. The output at the terminal 7 lead shall be within +0.5, -0.25 volts of the output recorded in *f* above.

4.1-8. Power Supply Module Disassembly (fig. 4.1-10)

Disassemble the power supply module as follows:

a. Remove upper cover (1) and lower cover (2).

b. Remove four screws (3) and washers (4), and lift power transformer and rectifier board (5) from chassis (25). Unsolder wire connections.



TM5820-590-35-C1-28

Figure 4.1-8. Power supply module, front view.

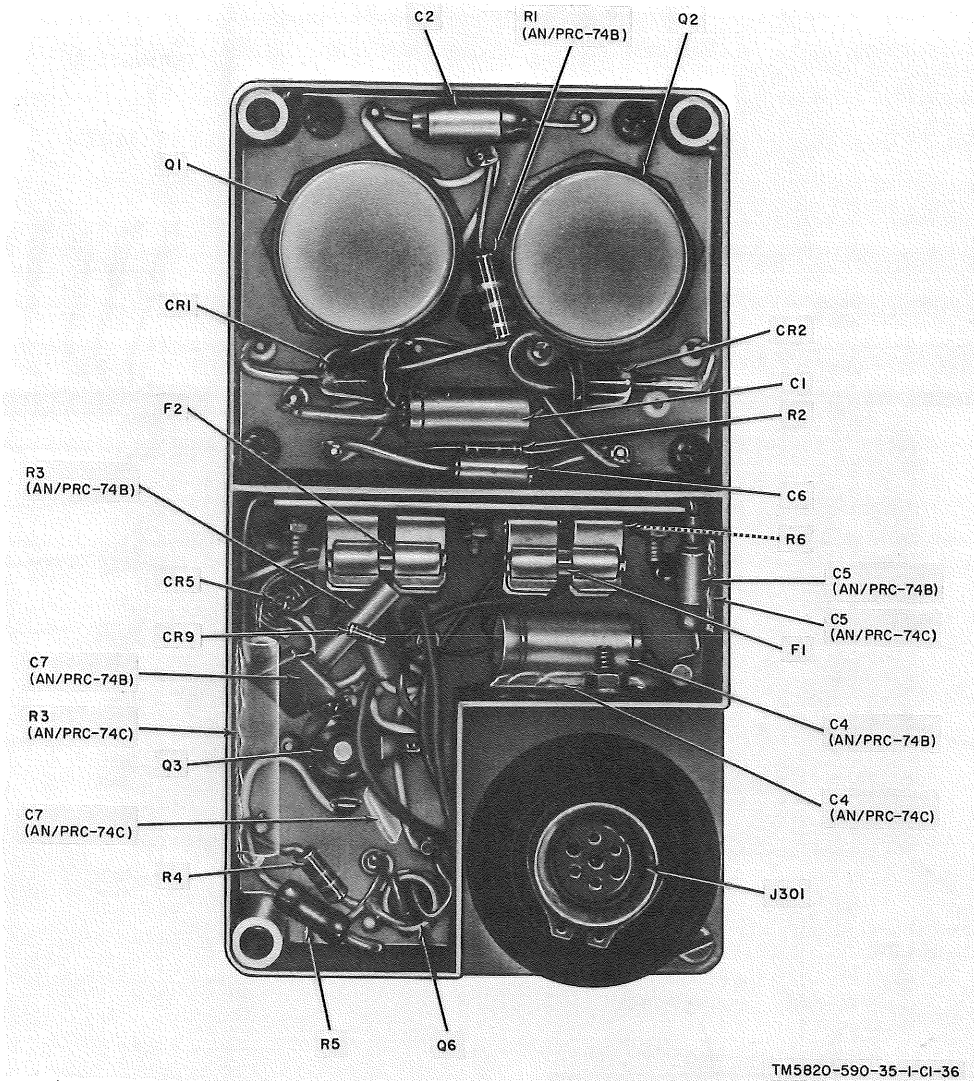


Figure 4.1-9. Power supply module, rear view.

c. Remove three nuts (6), lockwashers (7), washers (8 and 9), screws (10), and shoulder washers (11).

d. Lift fuse block (12) from chassis (25), and unsolder wire connections.

e. Remove retaining ring (13).

f. Lift connector J301 (19) from chassis (25), and remove washer (14).

g. Unsolder wire connection to connector J301 (19).

h. Remove retaining ring (15), adapter seal

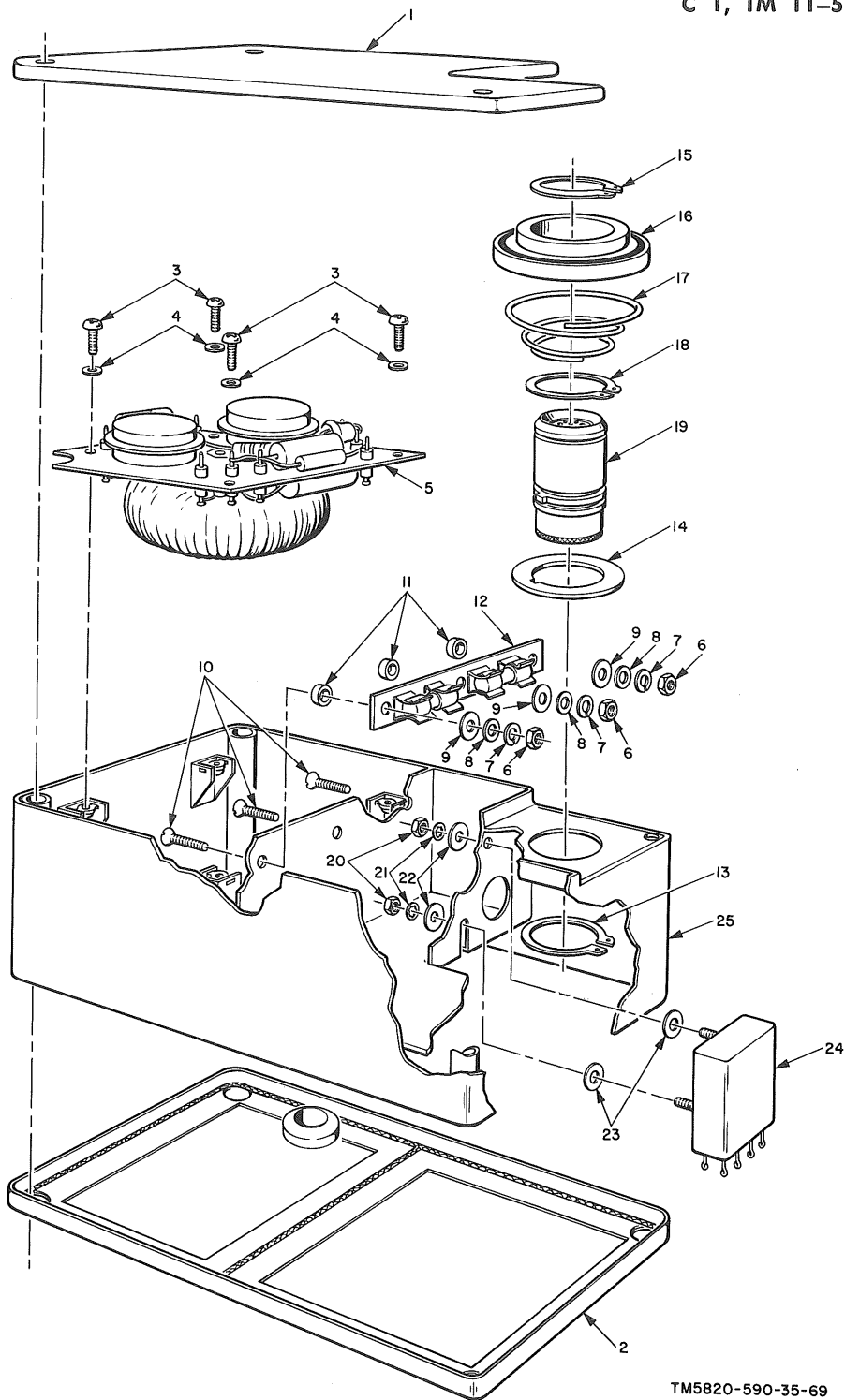
(16), spring (17), and retaining ring (18) from connector J301 (19).

i. Remove two nuts (20), lockwashers (21), and washers (22 and 23); lift relay K1 (24) from chassis (25).

4.1-9. Power Supply Module Assembly (fig. 4.1-10)

Reassemble the power supply module as follows:

a. Install relay K1 (24) in chassis (25),



TM5820-590-35-69

- | | | | |
|--|--------------------|-------------------|---------------|
| 1 Upper cover | 6 Nut | 13 Retaining ring | 20 Nut |
| 2 Lower cover | 7 Lockwasher | 14 Washer | 21 Lockwasher |
| 3 Screw | 8 Washer | 15 Retaining ring | 22 Washer |
| 4 Washer | 9 Washer | 16 Adapter seal | 23 Washer |
| 5 Power transformer and rec-
tifier board | 10 Screw | 17 Spring | 24 Relay K1 |
| | 11 Shoulder washer | 18 Retaining ring | 25 Chassis |
| | 12 Fuse block | 19 Connector J301 | |

Figure 4.1-10. Power supply module, exploded view.

and secure with two washers (23 and 22), lockwashers (21), and nuts (20).

b. Install retaining ring (18), spring (17), adapter seal (16), and retaining ring (15) on connector J301 (19).

c. Solder wire connections to connector J301 (19).

d. Install washer (14) on connector J301 (19), and assemble to chassis (25) with retaining ring (13).

e. Attach wire connections to fuse block (12).

f. Attach fuse block (12) to chassis (25) with two shoulder washers (11), screws (10), washers (9 and 8), lockwashers (7), and nuts (6).

g. Attach power transformer and rectifier board (5) to chassis (25) with four washers (4) and screws (3).

h. Attach wire connections to power transformer and rectifier board (5).

i. Position lower cover (2) and upper cover (1) on chassis (25).

CHAPTER 5

DEPOT OVERHAUL STANDARDS

5-1. Applicability of Depot Overhaul Standards

The tests presented in this chapter will measure the performance capability of a repaired AN/PRC-74B. Equipment that is to be returned to stock should meet the standards given in these tests.

5-2. Applicable references

Applicable procedures of the depots performing these tests and the general standards for repaired electronic equipment given in TB SIG 355-1, TB SIG 355-2, and TB SIG 355-3 form a part of the requirements for testing this equipment.

5-3. Materiel Required

a. Test Equipment.

- (1) Generator, Signal AN/GRM-50.
- (2) Generator, Signal AN/URM-127 (two required).
- (3) Counter, Electronic Digital Readout AN/USM-207 (frequency meter).
- (4) Multimeter ME-26B/U.
- (5) Voltmeter, Electronic ME-30B/U.
- (6) Analyzer, Spectrum TS-723A/U.
- (7) Power Supply, Hewlett Packard HP-6439A (power supply).
- (8) Test Set, Radio AN/GRM-33A.
- (9) Attenuator, Variable CN-796/U (variable attenuator).
- (10) Probe T-Connector HP-11042A.
- (11) Headset H-140/U.
- (12) Connector, Adapter UG-274A/U (two required).

- (13) Connector, Adapter U-182B/U.
- (14) Dummy Load, Electrical DA/75/U.

b. Fabricated Equipment.

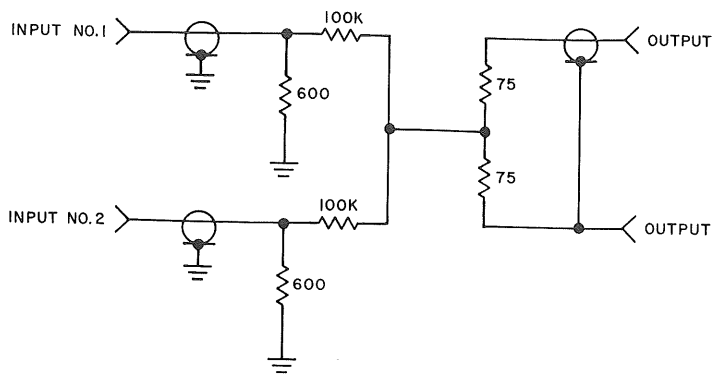
- (1) Adder network (A or B, fig. 5-1) (B preferred).
- (2) Test cable (C, fig. 5-1).
- (3) Power cable (D, fig. 5-1).

5-4. Receive Mode Tests

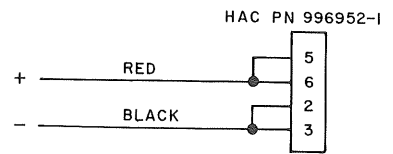
The tests in *a* through *g* below will determine that the radio set operates properly in the receive mode. Prior to performing the tests, remove the case from the RT-794B/PRC-74.

a. Receiver Sensitivity and Audio Output.

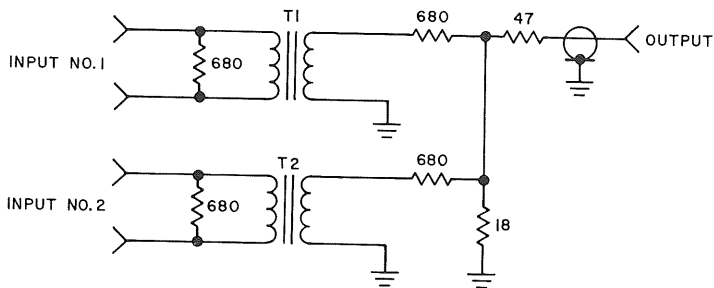
- (1) Connect the equipment as shown in figure 5-2.
- (2) Set the power supply to 12 volts.
- (3) Set the variable attenuator to 20 db.
- (4) Adjust the AN/GRM-50 for an output of 2.001 mc at a level of 7.0 microvolts.
- (5) On the radio set, set the band-switches to 2.000 mc.
- (6) On the radio set, adjust the PEAK NOISE, ANT LOAD, and ANT TUNE controls for maximum noise in the headset by following the receive mode operating instructions in TM 11-5820-590-12-1.
- (7) If necessary, readjust the output frequency of the AN/GRM-50 to obtain a beat frequency of 1 kc on the AN/USM-207.
- (8) Check to see that the audio output level on the ME-30B/U is greater than 0.707 volt.
- (9) Repeat the procedures in (3) through (8) above for the frequencies listed in the chart below.



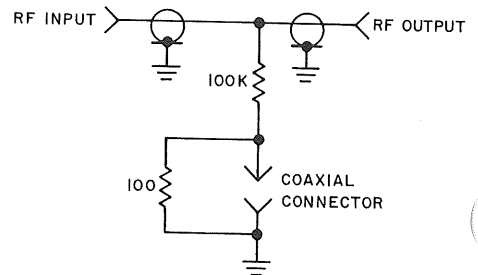
A. ADDER



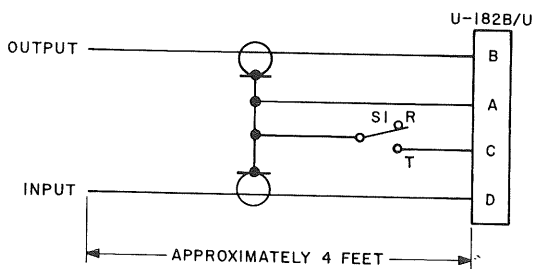
D. POWER CABLE



B. ADDER



E. T-COUPLER



C. TEST CABLE

- NOTES:
1. ALL RESISTANCES IN OHMS $\pm 5\%$, 1/4 WATT.
 2. T1, T2, 30:1 TURNS RATIO.
 3. OUTPUT LEADS OF ADDER (B) ARE ISOLATED FROM GROUND. SHIELD ENCLOSURE IS ISOLATED FROM RADIO SET CHASSIS GROUND.

TM5820-590-35-150

Figure 5-1. Fabricated equipments.

Radio Set frequency (mc)	AN/GRM-50 frequency (mc)	Minimum audio output level (volts)
2.000	2.001	0.707
4.000	4.001	0.707
7.000	7.001	0.707
12.000	12.001	0.707
14.000	14.001	0.707
16.000	16.001	0.707
17.999	18.000	0.707

(10) Leave the equipment connected for the test in *b* below.

b. Signal-to-Noise-Ratio.

- (1) Set the power supply to 12 volts.
- (2) Set the variable attenuator to 20 db.
- (3) Adjust the AN/GRM-50 for an output of 17.001 mc at a level of 7 microvolts.
- (4) On the radio set, set the band-switches to 17.000 mc.
- (5) Record the signal level on the ME-30B/U.

(6) Disconnect the AN/GRM-50 from the radio set.

(7) Record the noise level of the ME-30B/U.

(8) Divide the signal level ((5) above) by the noise level ((7) above). The resultant signal-to-noise ratio shall be not less than 3.16. For example, if the first reading is 1.2 microvolts and the second reading is 0.2 microvolt, the signal-to-noise ratio is 6.

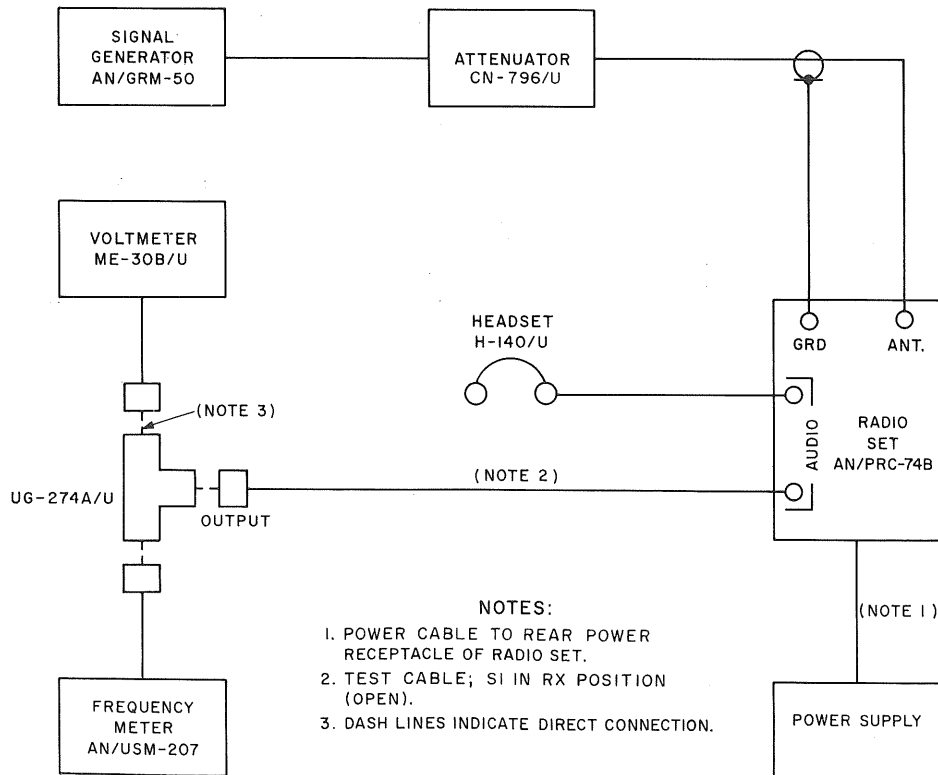
(9) Repeat the procedures in (2) through (8) above for 2.000 mc. The resultant signal-to-noise ratio shall be not less than 3.16.

(10) Disconnect the equipment.

c. Audio Distortion Test.

(1) Connect the equipment as shown in figure 5-3.

(2) Set the power supply to 12 volts.



TM5820-590-35-1-CI-151

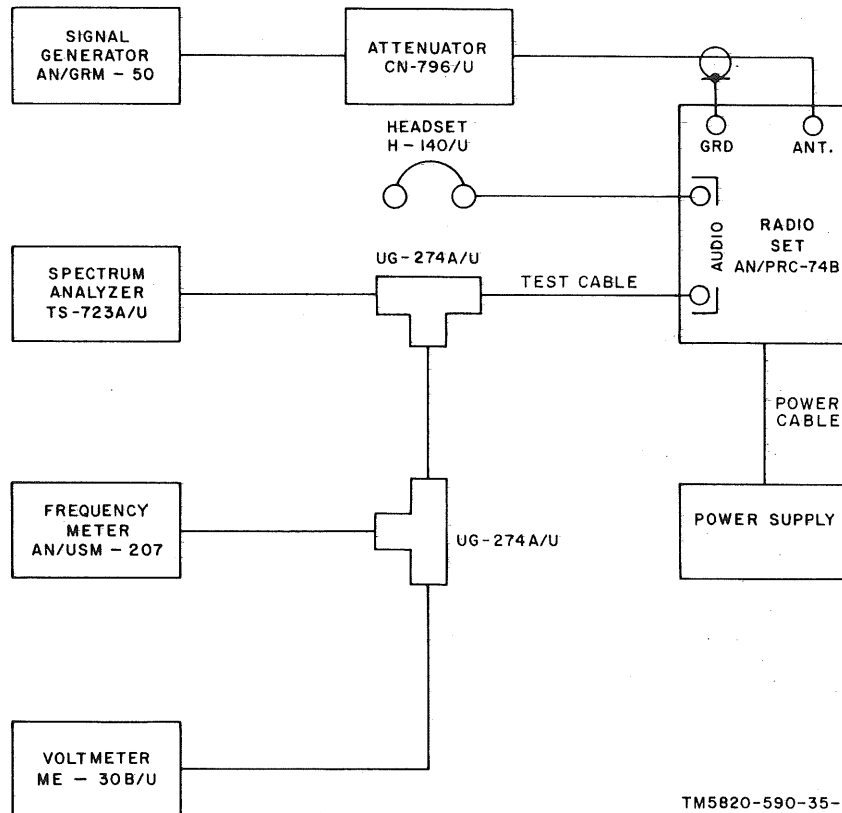
Figure 5-2. Receiver sensitivity and audio output test setup.

- (3) Set the variable attenuator to 0 db.
- (4) Adjust the AN/GRM-50 for an output of 2.001 mc at a level of 50 microvolts.
- (5) On the radio set, set the band-switches to 2.000 mc.
- (6) If necessary, readjust the output frequency of the AN/GRM-50 to obtain a beat frequency of 1 kc on the AN/USM-207.
- (7) On the radio set, set the R.F. GAIN control for an output indication of 1.414 volts on the ME-30B/U.
- (8) Set the controls on the TS-723A/U to the positions required for it to function as a distortion analyzer.
- (9) With the TS-723A/U functioning as a distortion analyzer, measure the total harmonic distortion. It shall not exceed 10 percent.

(10) Leave the equipment connected for the test in *d* below.

d. Frequency Clarifier.

- (1) Set the power supply to 12 volts.
- (2) Set the variable attenuator to 20 db.
- (3) Adjust the AN/GRM-50 for an output of 2.007 mc at a level of 7 microvolts.
- (4) On the radio set, set the band-switches to 2.000 mc, and turn the CLARIFY-PUSH TO CALIBRATE control to midposition.
- (5) On the radio set, adjust the PEAK NOISE, ANT LOAD, and ANT TUNE controls for maximum noise in the headset by following the receive mode operating instruction in TM 11-5820-590-12-1.
- (6) If necessary, readjust the output fre-



TM5820-590-35-1-152

Figure 5-3. Audio distortion, frequency clarifier, R. F. GAIN control, and bandpass test setup.

quency of the AN/GRM-50 to obtain a beat frequency of 700 cps, as observed on the AN/USM-207.

(7) On the radio set, rotate the CLARIFY-PUSH TO TEST control fully clockwise and then counterclockwise (do not push in on the CLARIFY-PUSH TO TEST control). Check to see that the frequency indicated by the AN/USM-207 varies between less than 500 cps and greater than 900 cps.

(8) Leave the equipment connected for the test in *e* below.

e. R.F. GAIN Control.

(1) Set the power supply to 12 volts.

(2) Set the variable attenuator to 20 db.

(3) Adjust the AN/GRM-50 for an output of 2.001 mc at a level of 5 microvolts.

(4) On the radio set, set the band-switches to 2.000 mc, and set the R.F. GAIN control fully clockwise.

(5) If necessary, readjust the output frequency of the AN/GRM-50 to obtain a 1-kc beat frequency on the AN/USM-207.

(6) Record the audio output level indicated on the ME-30B/U.

(7) Set the output level of the AN/GRM-50 to 0.5 volt.

(8) On the radio set, reduce the R.F. GAIN control until the audio output level on the ME-30B/U is the same as that recorded in (6) above.

(9) Set the variable attenuator to 0 db.

(10) Set the output level of the AN/GRM-50 to 1.0 volt.

(11) On the radio set, turn the R.F. GAIN control fully clockwise.

(12) Check to see that the audio output level on the ME30B/U is not less than 0.707 volt.

(13) Leave the equipment connected for the test in *f* below.

f. Bandpass.

(1) Set the power supply to 12 volts.

(2) Set the variable attenuator to 0 db.

(3) Adjust the AN/GRM-50 for an output of 2.001 mc at a level of 50 microvolts.

(4) On the radio set, set the band-switches to 2.000 mc.

(5) If necessary, readjust the output frequency of the AN/GRM-50 to obtain a beat frequency of 1 kc on the AN/USM-207.

(6) On the radio set, adjust the R.F. GAIN control until the audio output level on the ME-30B/U is 1.0 volt.

(7) Slowly increase the frequency output of the AN/GRM-50 until the point of maximum audio output is found, as observed on the ME-30B/U.

Note. If the needle on the ME-30B/U goes off scale, turn the range selector switch to the next higher scale.

(8) Record the frequency obtained in (7) above, as measured on the AN/USM-207.

(9) On the radio set, adjust the R.F. GAIN control for an audio output level indication of 1.414 on the ME-30B/U, at the frequency recorded in (8) above.

(10) Decrease the frequency output of the AN/GRM-50 until the audio output level on the ME-30B/U is 1.0 volt (3-db point).

(11) Check to see that the frequency indication on the AN/USM-207 is 300 cps or less.

(12) Return the output of the AN/GRM-50 to the frequency recorded in (8) above.

(13) Increase the frequency of the AN/GRM-50 until the audio output level as indicated by the ME-30B/U is 1.0 volt (3-db point).

(14) Check to see that the frequency indication on the AN/USM-207 is 2,700 cps or more.

(15) Disconnect the equipment.

g. Adjacent Channel Rejection.

(1) Connect the equipment as shown in figure 5-4.

(2) Set the power supply to 12 volts.

(3) Set the variable attenuator to 0 db.

(4) On the radio set, set the band-switches to 2.000 mc.

(5) Adjust the AN/GRM-50 for a beat frequency of 6,500 cps on the AN/USM-207 and a level of 5.0 millivolts on the ME-30B/U.

(6) Check to see that the audio output level indicated on the ME-26B/U does not exceed 1.414 volts.

(7) Lower the frequency output of the AN/GRM-50 until it reaches a frequency 350 cps below the radio set frequency.

(8) With Headset H-140/U, listen for a beat note 350 cps below the radio set frequency.

Note. At this frequency, the beat note may be inaudible; however, if a beat note is present, the amplitude indicated on the ME-26B/U shall not exceed 1.414 volts.

(9) Disconnect the equipment.

5-5. Transmitter Tests

The tests in *a* through *f* below verify that the transmitter portion of the radio set meets the minimum requirements of a new radio set.

Note. Throughout these tests, whenever the radio set is returned, it is essential that the CLARIFY-PUSH TO CALIBRATE control be adjusted for a zero beat in the headset.

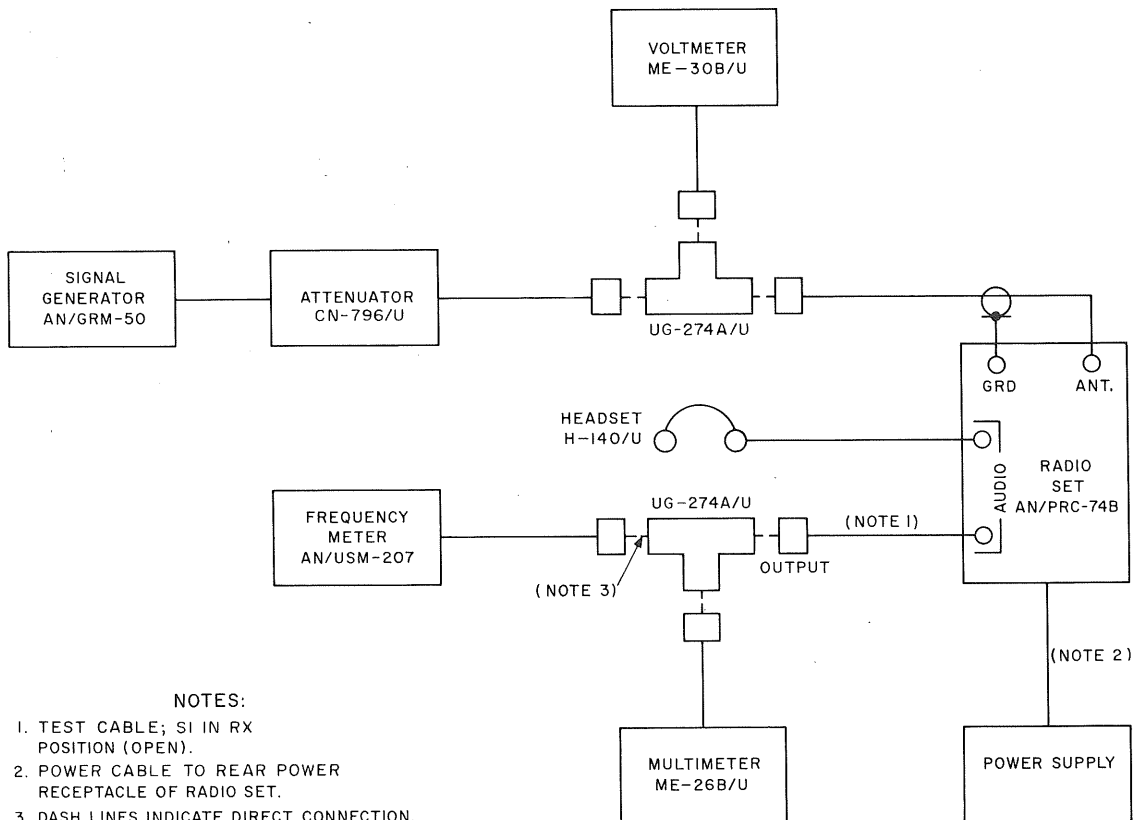
Caution: Do not attempt to tune the transmitter without the DA-75/U or an equivalent 50-ohm dummy load connected to the transmitter output.

a. Power Output.

(1) Connect the equipment as shown in figure 5-5.

Note. Do not connect the AN/URM-127's and the adder network to the AUDIO input jack at this time.

(2) Set the power supply to 12 volts.



TM5820-590-35-1-CI-158

Figure 5-4. Adjacent channel rejection test setup.

(3) Select a frequency from the chart in (7) below, and set the radio set bandswitches to the selected frequency.

(4) On the radio set, hold the OFF-ON-TUNE switch on the TUNE position. Adjust the ANT TUNE, ANT LOAD, and PEAK NOISE controls for a maximum peak on the ANT IND meter.

(5) Record the transmitter rf output voltage shown on the ME-26B/U.

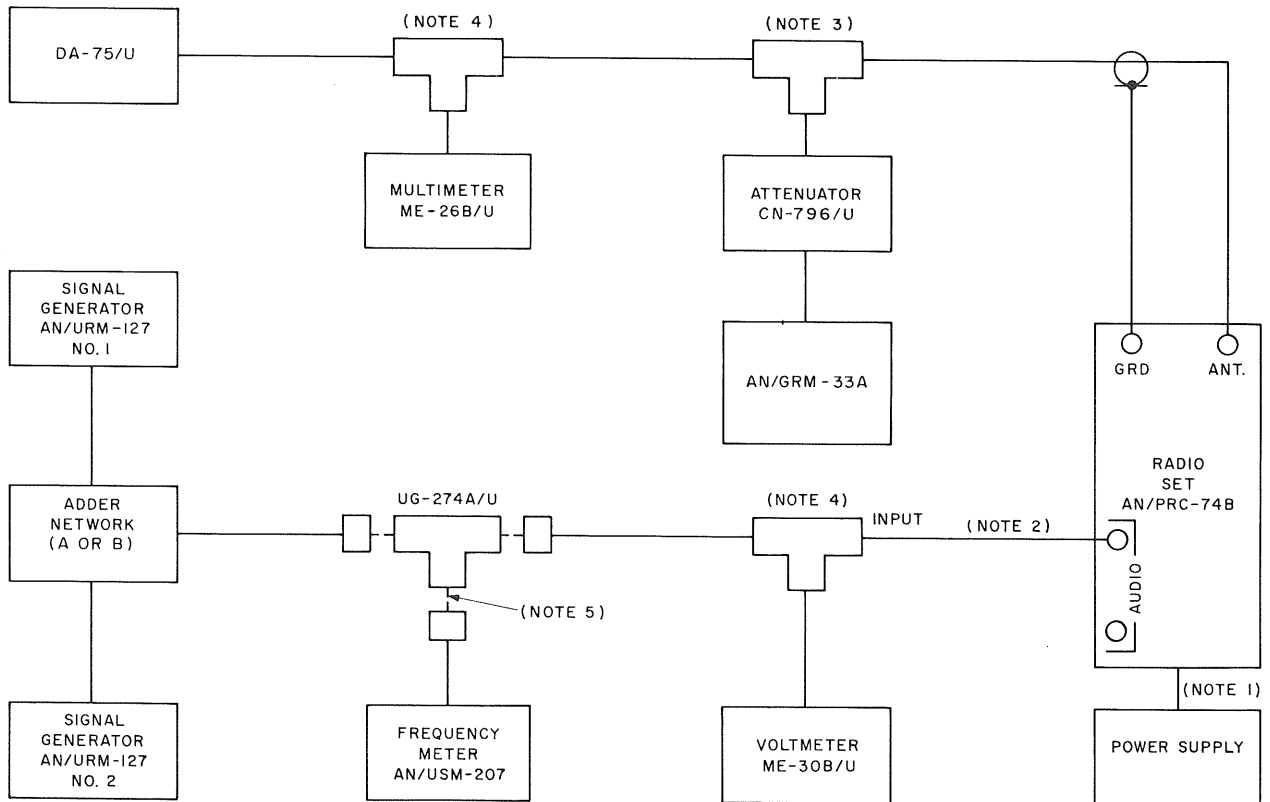
(6) Compute the peak envelope power by squaring the rf output voltage recorded in (5) above and dividing by 50 ohms (the internal resistance of the DA-75/U). Peak envelope power (PEP) = (rf voltage)²

Example: Assume the ME-26B/U indication is 26 volts; calculate the PEP as follows:

$$\frac{(26)^2}{50} = \frac{676}{50} = 13.4 \text{ watts}$$

(7) Perform the procedures in (4) through (6) above for the remaining frequencies in the chart below.

Test FREQUENCY Kc	Cw PEP Watts	Carrier suppression Db down	Two-tone PEP Watts	Third order intermodulation products Dd down	
				Upper	Lower
2111	15 ± 3	≥ 40	15 ± 3	≥ 20	≥ 20
3888	15 ± 3	≥ 40	15 ± 3	≥ 20	≥ 20
4222	15 ± 3	≥ 40	15 ± 3	≥ 20	≥ 20
6777	15 ± 3	≥ 40	15 ± 3	≥ 20	≥ 20
7333	15 ± 3	≥ 40	15 ± 3	≥ 20	≥ 20
11666	15 ± 3	≥ 40	15 ± 3	≥ 20	≥ 20
12444	15 ± 3	≥ 40	15 ± 3	≥ 20	≥ 20
17555	15 ± 3	≥ 40	15 ± 3	≥ 20	≥ 20



NOTES:

1. POWER CABLE TO REAR POWER RECEPTACLE OF RADIO SET.
2. TEST CABLE; SI IN TX POSITION.
3. UG-274 A/U.
4. PROBE T-CONNECTOR HP-11042A.
5. DASH LINES INDICATE DIRECT CONNECTION.

TM5820-590-35-1-CI-153

Figure 5-5. Intermodulation distortion, power output, and carrier suppression test setup.

(8) Leave the equipment connected for the test in *b* below.

b. Carrier Suppression.

(1) Tune the AN/GRM-33A to the output frequency of the radio set.

(2) Set the AMPLITUDE SCALE switch to LOG and the IF ATTEN switch to 20DB.

(3) Set the radio set OFF-ON-TUNE switch to TUNE, and adjust the CN-796/U and the AN/GRM-33A INPUT ATTENUATOR and GAIN controls to position the peak of the sideband signal at the 0-db line on the scale.

(4) Set the AN/GRM-33A IF ATTEN switch to 0DB. The suppressed carrier signal shall not exceed the 20-db line (40 db down) (fig. 5-6).

(5) The hum and noise signals shall not exceed the 10-db line (30 db down).

(6) Leave the equipment connected for the test in *c* below.

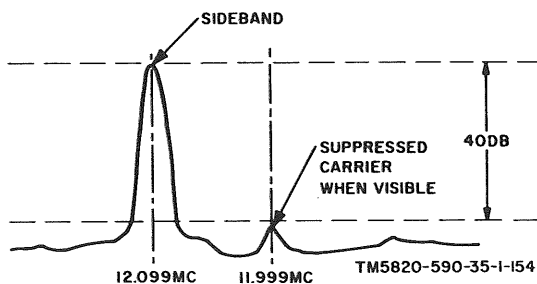


Figure 5-6. Carrier suppression display.

c. Two-Tone Power Output.

(1) Set the power supply to 12 volts.

(2) On the radio set, set the band-switches to 17.999 mc.

(3) Disconnect the AN/URM-127 No. 2 from the adder network (fig. 5-5).

(4) Adjust the AN/URM-127 No. 1 for an output of 1,500 cps (as indicated on the AN/USM-207) at a level of 600 microvolts (as indicated on the ME-30B/U).

(5) Disconnect the AN/URM-127 No. 1 from the adder network.

(6) Connect the AN/URM-127 No. 2 to the adder network.

(7) Adjust the AN/URM-127 No. 2 for an output of 2,100 cps (as indicated on the AN/USM-207) at a level of 600 microvolts (as indicated on the ME-30B/U).

(8) Reconnect the AN/URM-127 No. 1 to the adder network, and connect the adder network to the radio set.

(9) Record the RF output voltage shown on the ME-26B/U.

(10) Compute the PEP as shown in *a*(6) above.

(11) The computed output power shall be between 12 and 18 watts.

(12) Leave the equipment connected for the test in *d* below.

d. Intermodulation Distortion.

(1) Set the power supply to 12 volts.

(2) Set the variable attenuator to 10 db.

(3) On the radio set, set the band-switches to 17.999 mc.

(4) Repeat the procedures in *c*(3) through (8) above.

(5) Tune the AN/GRM-33A to the output frequency of the radio set, and check to see that the difference between the peak amplitudes of the 1,500- and 2,100-cps sidebands does not exceed 4 db.

(6) Refer to figure 5-7, and note the third order intermodulation products. Compare this illustration with the display on the AN/GRM-33A.

(7) The amplitudes of the third order intermodulation products must be at least 20 db below the peaks of the first order sidebands.

(8) Disconnect the equipment.

e. Sidetone Operation.

(1) Connect the equipment as shown in figure 5-8.

(2) Set the power supply to 12 volts.

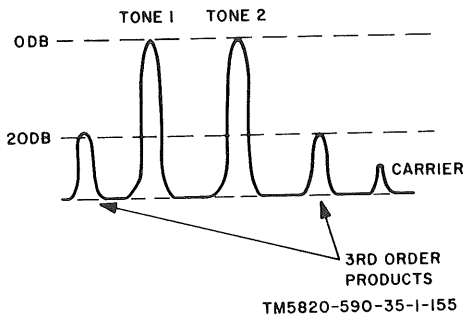


Figure 5-7. Intermodulation distortion display.

(3) Connect the telegraph key to the AUDIO jack, and key the transmitter.

(4) Check to see that there is an indication of not less than 0.2 volt on the ME-30B/U.

(5) Disconnect the test equipment.

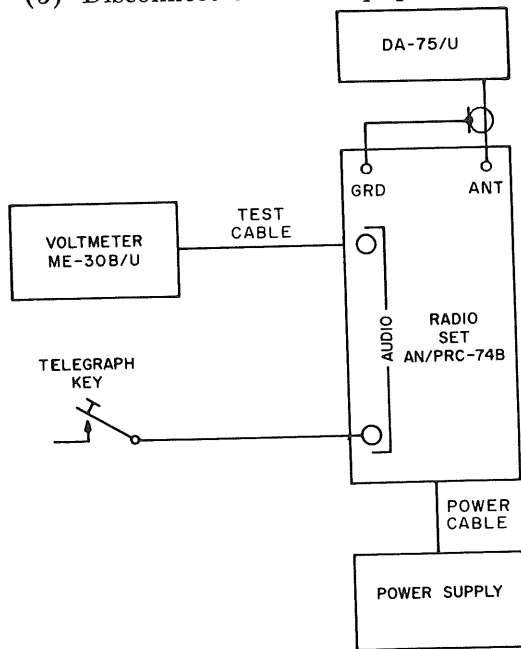


Figure 5-8. Sidetone operation.

f. Transmitter Frequency Check.

Note. Each time a new frequency is selected, the CLARIFY-PUSH TO CALIBRATE control must be adjusted for a zero beat in the headset.

(1) Connect the equipment as shown in figure 5-9.

(2) Set the power supply to 12 volts.

(3) On the radio set, set the band-switches to 2,111 kc, and adjust the ANT TUNE, ANT LOAD, and PEAK NOISE controls for a maximum signal as heard in Headset H-140/U. Follow the receive mode operating instructions in TM 11-5820-590-12-1.

(4) Adjust the AN/URM-127 for an output of 1 kc at a level of 600 microvolts (as measured on the ME-30B/U).

Note. The accuracy of the radio set frequency readings will depend upon the accuracy of the 1-kc signal from the AN/URM-127. To verify the accuracy of the 1-kc signal, disconnect the AN/USM-207 from the output of the radio set and disconnect the test cable from the output of the AN/URM-127. Reconnect the AN/USM-207 to the output of the AN/URM-127, and check to see that the frequency indicated by the AN/USM-207 is 1 kc. After verification of the 1-kc signal, reconnect the test cable and test equipment as shown in figure 5-9.

(5) On the test cable, set switch S1 to the transmit (TX) position. Check the frequency indication on the AN/USM-207, and compare it with the limits shown in the chart in (6) below.

(6) Repeat the procedures in (3) through (5) above for the remaining frequencies in the chart below.

Transmitter frequency (kc)	Frequency meter readout (af + rf + deviation) Low limit (kc)	High limit (kc)
2,111	2,111.92	2,112.08
3,222	3,222.92	3,223.08
4,333	4,333.92	4,334.08
5,444	5,444.92	5,445.08
6,555	6,555.92	6,556.08
7,666	7,666.92	7,667.08
8,777	8,777.92	8,778.08
9,888	9,888.92	9,889.08
10,999	10,999.92	11,000.00
11,000	11,000.92	11,001.08
12,000	12,000.92	12,001.08
13,000	13,000.92	13,001.08
14,000	14,000.92	14,001.08
15,000	15,000.92	15,001.08
16,000	16,000.92	16,001.08
17,000	17,000.92	17,001.08
18,000	18,000.92	18,001.08

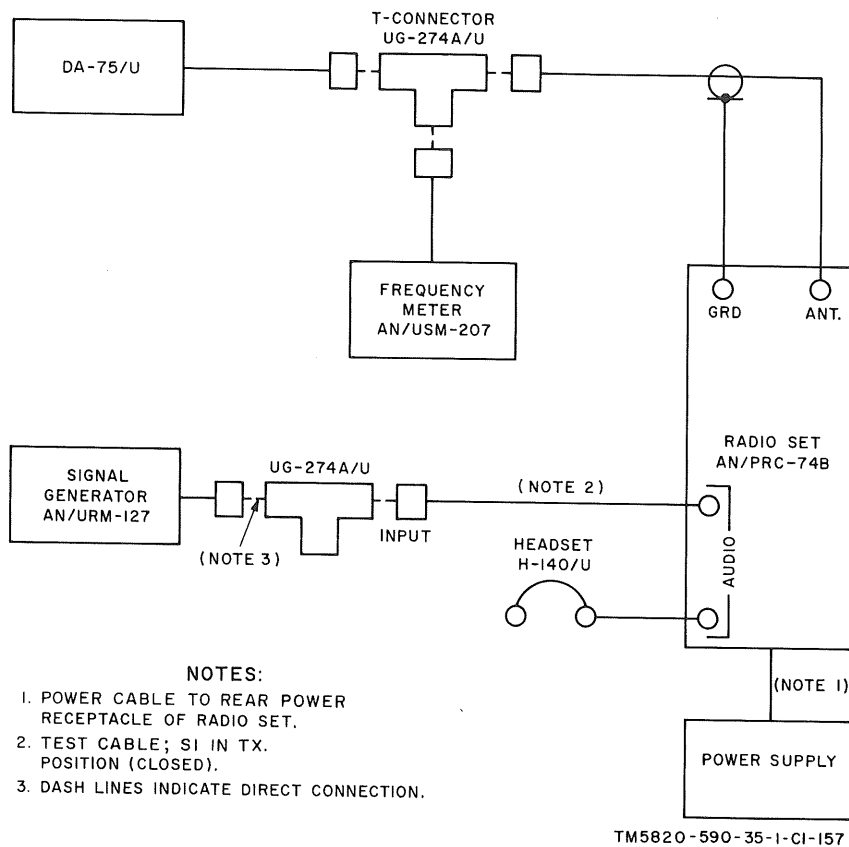
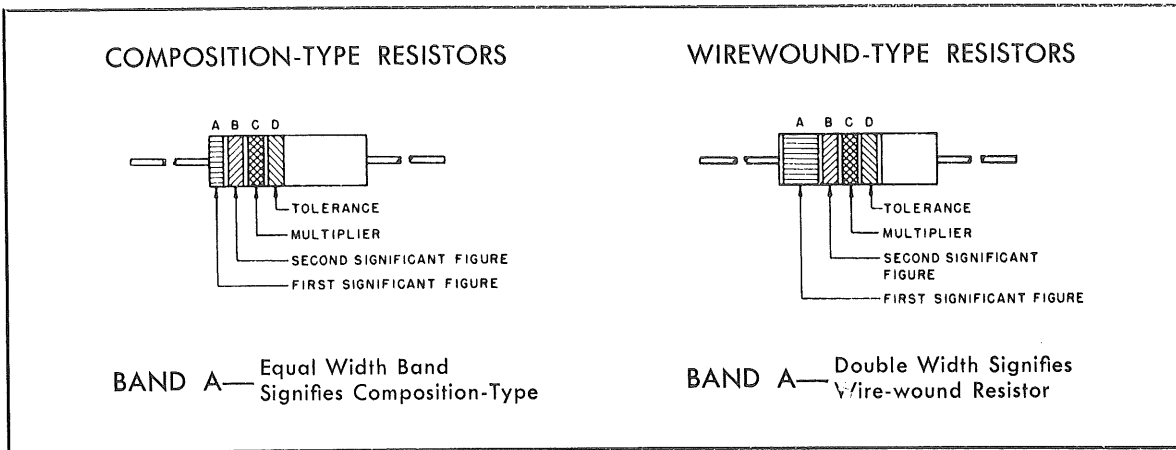


Figure 5-9. Transmitter frequency check.

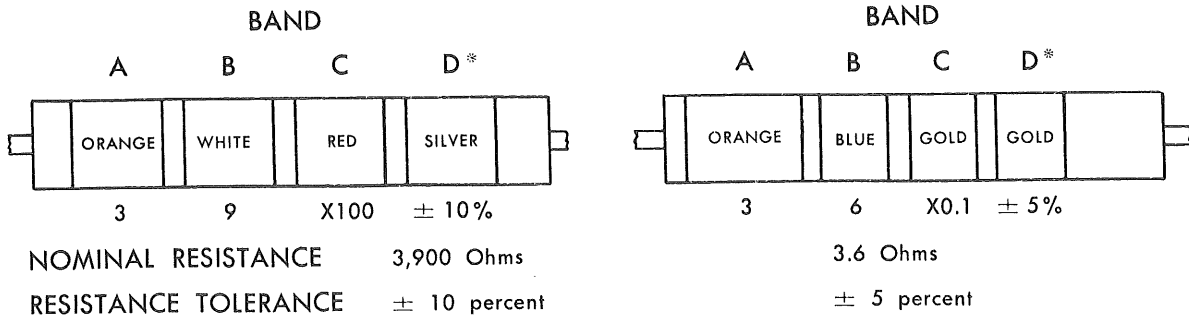
COLOR CODE MARKING FOR MILITARY STANDARD RESISTORS



COLOR CODE TABLE

BAND A		BAND B		BAND C		BAND D*	
COLOR	FIRST SIGNIFICANT FIGURE	COLOR	SECOND SIGNIFICANT FIGURE	COLOR	MULTIPLIER	COLOR	RESISTANCE TOLERANCE (PERCENT)
BLACK	0	BLACK	0	BLACK	1		
BROWN	1	BROWN	1	BROWN	10		
RED	2	RED	2	RED	100		
ORANGE	3	ORANGE	3	ORANGE	1,000		
YELLOW	4	YELLOW	4	YELLOW	10,000	SILVER	± 10
GREEN	5	GREEN	5	GREEN	100,000	GOLD	± 5
BLUE	6	BLUE	6	BLUE	1,000,000		
PURPLE (VIOLET)	7	PURPLE (VIOLET)	7				
GRAY	8	GRAY	8	SILVER	0.01		
WHITE	9	WHITE	9	GOLD	0.1		

EXAMPLES OF COLOR CODING



*If Band D is omitted, the resistor tolerance is ± 20%, and the resistor is not Mil-Std.

STD-R2

Figure 5-10. Color Code Marking for MIL STD Resistors.

CHAPTER 6

SCHMATIC AND BLOCK DIAGRAMS

6-1. General

This chapter contains the foldout schematic and block diagrams for Radio Set AN/PRC-74B. All text pertaining to the function of the radio set is in chapter 1.

6-2. Troubleshooting Data

The following information will aid the repairman in the location of the correct schematic diagrams and parts locations.

<i>a. Frequency Synthesizer Module.</i>		<i>Figure</i>
(1) Block diagram	6-6	
(2) Schematic diagram	6-7	
(3) Bottom view	3-3	
(4) Bottom view, circuit boards removed	3-4	
(5) Top view, circuit board A5 removed	3-5	
(6) Switch component boards	3-6	
(7) Top view	3-32	
(8) Exploded view	3-24	
(9) Switch disassembly	3-25	
(10) Troubleshooting test setup	3-2	
(11) Alignment test setup	3-33	
(12) RF voltage levels	3-31	
<i>b. RF Module.</i>		<i>Figure</i>
(1) Block diagram	1-1	
(2) Schematic diagram	3-8	
(3) Top view	3-9	
(4) Left-hand view	3-10	
(5) Right-hand view	3-11	
(6) Bottom view	3-35	
(7) Exploded view	3-26	
(8) Troubleshooting test setup	3-8	
(9) Alignment test setup	3-34	
<i>c. IF Audio Module.</i>		<i>Figure</i>
(1) Block diagram	6-9	
(2) Schematic diagram	6-10	
(3) Front view, component boards removed	3-13	
(4) Rear view, component boards removed	3-13	
(5) Exploded view	3-27	
(6) Test setup	3-12	
<i>d. Power Amplifier Module.</i>		<i>Figure</i>
(1) Schematic diagram	6-11	
(2) Oblique view	3-17	
(3) Right-hand side	3-18	
(4) Right side, component board removed	3-19	
(5) Left-hand side	3-20	
(6) Exploded view	3-29	
(7) Test setup	3-16	
<i>e. Frequency Generator Module.</i>		<i>Figure</i>
(1) Schematic diagram	6-12	
(2) Rear view	3-15	
(3) Front view	3-38	
(4) Exploded view	3-28	
(5) Test setup	3-14	
<i>f. Power Supply Module.</i>		<i>Figure</i>
(1) Schematic diagram	6-13	
(2) Front view	3-22	
(3) Rear view	3-23	
(4) Exploded view	3-30	
(5) Test setup	3-21	
<i>g. Gain Control Circuits.</i>		<i>Figure</i>
(1) Schematic diagram	6-14	
(2) Circuit board TB203	2-6	
<i>h. Power Supply PP-4514/PRC-74.</i>		<i>Figure</i>
(1) Schematic diagram	6-15	
(2) Front panel	2-7	
(3) Power supply module	2-8	
(4) Battery charger module	2-9	
(5) Case	2-10	
<i>i. Radio Set.</i>		<i>Figure</i>
(1) System interconnection diagram	6-1	
(2) Operational modes, block diagram	6-2	
(3) Receive function, block diagram	6-3	
(4) Transmit function, block diagram	6-4	
(5) Power source, block diagram	6-5	
(6) Radio set bottom view, carrier case removed	2-1	
(7) Radio set, top view	2-3	
(8) Radio set, modules removed	2-11	
(9) Radio set front panel, exploded view	2-12	
(10) Radio set receive test	4-1	
(11) Radio set transmit test	4-2	
(12) Radio set, receive and transmit mode test setup	2-2	
(13) IF and frequency generator fault isolation test setup	2-4	
(14) Transmit mode fault isolation test setup	2-5	

APPENDIX A

REFERENCES

Following is a list of applicable references that should be available to the DS, GS, and depot maintenance personnel for Radio Set AN/PRC-74B.

DA Pam 310-4	Index of Technical Manuals, Technical Bulletins, Supply Manuals (types 7, 8, and 9), Supply Bulletins, and Lubrication Orders.
DA Pam 310-7	U.S. Army Equipment Index of Modification Work Orders.
TB SIG 355-1	Depot Inspection Standard for Repaired Signal Equipment.
TB SIG 355-2	Depot Inspection Standard for Refinishing Repaired Signal Equipment.
TB SIG-355-3	Depot Inspection Standard for Moisture and Fungus Resistant Treatment.
TM 11-5097	Spectrum Analyzers TS-723A/U, TS-723B/U, TS-723C/U, and TS-723D/U.
TM 11-5551D	R.F. Signal Generator Set AN/URM-25D.
TM 11-5820-523-12	Organizational Maintenance Manual: Test Sets, Radio AN/GRM-33A and AN/GRM-33C.
TM 11-5820-590-12-1	Organizational Maintenance Manual: Radio Set AN/PRC-74B.
TM 11-5835-224-12	Organizational Maintenance Manual: Coder-Burst Transmission Group AN/GRA-71.
TM 11-6625-200-15	Operator, Organizational, DS, GS, and Depot Maintenance Manual: Multimeters ME-26A/U, ME-26B/U, ME-26C/U, and ME 26D/U.
TM 11-6625-320-12	Operator and Organizational Maintenance Manual: Voltmeter, Meter ME-30A/U and Voltmeters, Electronic ME-30B/U, ME-30C/U, and ME-30E/U.
TM 11-6625-366-15	Organizational, DS, GS, and Depot Maintenance Manual: Multimeter TS-352B/U.
TM 11-6625-524-14	Operator, Organizational and Field Maintenance Manual: Voltmeter, Electronic AN/URM-145.
TM 11-6625-573-15	Operator, Organizational, DS, GS, and Depot Maintenance Manual: Signal Generator AN/GRM-50.
TM 6625-700-10	Operator's Manual: Digital Readout, Electronic Counter AN/USM-207.

APPENDIX B

DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR RADIO SETS AN/PRC-74B AND AN/PRC-74C

Section I. INTRODUCTION

B-1. Scope

This manual lists repair parts required for the performance of direct support, general support, and depot maintenance of the AN/PRC-74B and AN/PRC-74C.

B-2. General

The repair parts for the above components are divided into the following sections:

a. Repair Parts—Section II. A list of repair parts authorized for the performance of maintenance at the direct support, general support, and depot level in disassembly sequence.

b. Special Tools, Test and Support Equipment—Section III. Not Applicable.

c. Federal Stock Number, Part Number, and Reference Designation Indexes—Section IV.

(1) A list of Federal stock numbers in ascending numerical sequence cross-referenced to the figure number and item number or reference designation.

(2) A list of part numbers in ascending alphanumerical sequence cross-referenced to the figure number and item number or reference designation.

(3) A list of reference designations in ascending order sequence, cross-referenced to page number.

B-3. Explanation of Columns

The following provides an explanation of columns in the tabular list in section II.

a. Source, Maintenance, and Recoverability Codes (SMR), Column 1.

(1) Source codes indicate the selection

status and source, for the listed item. Source codes used are—

<i>Code</i>	<i>Explanation</i>
A	Assemblies which are not procured or stocked as such, but are made up of two or more units. Such component units carry individual stock numbers and descriptions, are procured and stocked separately and can be assembled to form the required assembly at indicated maintenance categories.
M	Repair parts which are not procured or stocked, but are to be manufactured at indicated maintenance levels.
P	Repair parts which are stocked in or supplied from the GSA/DSA, or Army supply system and authorized for use at indicated maintenance categories.
X1	Repair parts which are not procured or stocked. The requirement for such items will be filled by use of the next higher assembly or component.

(2) Maintenance codes indicate the lowest category of maintenance authorized to install the listed item. The maintenance level codes are—

<i>Code</i>	<i>Explanation</i>
C	Crew or operator maintenance
D	Depot maintenance
F	Direct support maintenance
H	General support maintenance
O	Organizational maintenance

(3) Recoverability codes indicate whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are—

<i>Code</i>	<i>Explanation</i>
S	Repair parts and assemblies which are economically repairable at DSU and GSU activities and which normally are furnished by supply on exchange basis. When items are determined by a GSU to be economically repairable, they will be evacuated to a depot for evaluation and analysis before final disposition.
T	High-dollar value recoverable repair parts which are subject to special handling and are issued on an exchange basis. Such repair parts normally are repaired or overhauled at depot maintenance activities.

b. Federal Stock Number, Column 2. This column indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. Description, Column 3. This column indicates the Federal item name and any additional description of the item required. A part number or other reference number is followed by the applicable five-digit Federal supply code for manufacturers in parentheses.

d. Unit of Measure (U/M), Column 4. A 2-character alphabetic abbreviation indicating the amount or quantity of the item upon which the allowances are based, e.g., ft, ea, pr, etc.

e. Quantity Incorporated in Unit, Column 5. This column indicates the quantity of the item used per assembly.

f. 30-Day DS/GS Maintenance Allowances, Columns 6 and 7.

NOTE

Allowances in GS column are for GS maintenance only.

(1) The allowance columns are divided into three subcolumns. Indicated in each subcolumn, opposite the first appearance of each item, is the total quantity of items authorized for the number of equipments supported. Subsequent appearances of the same item will have the letters "REF" in the applicable allowance columns. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The quantitative allowances for DS/GS levels of maintenance will represent initial stockage for a 30-day period for the number of equipments supported.

g. One-Year Allowances per 100 Equipments/Contingency Planning Purposes, Column 8. This column indicates opposite the first appearance of each item the total quantity required for distribution and contingency planning purposes. The range of items indicates total quantities of all authorized items required to provide for adequate support of 100 equipments for 1 year.

h. Depot Maintenance Allowance per 100 Equipments, Column 9. This column indicates opposite the first appearance of each item, the total quantity authorized for depot maintenances of 100 equipments. Subsequent appearances of the same item will have the letters "REF" in the allowance column. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

i. Illustration, Column 10. This column is divided as follows:

(1) *Figure Number, Column 10a.* Indicates the figure number in which the item is shown.

(2) *Item Number or Reference Designation, Column 10b.* Indicates the callout number or reference designator used to reference the item in the illustration.

B-4. Special Information

a. Identifications of the usable on codes included in column 3 of section II of this publication are—

<i>Code</i>	<i>Used on</i>
	AN/PRC-74()
Blank ----	AN/PRC-74B
2	AN/PRC-74C
1,2 -----	AN/PRC-74B and AN/PRC-74C
	PP-4514()/PRC-74
Blank ----	PP-4514/PRC-74
2	PP-4514A/PRC-74
1,2 -----	PP-4514/PRC-74 and PP-4514A/PRC-74

Code	Used on
	CY-6314()/PRC-74
Blank ----	CY-6314/PRC-74
2	CY-6314A/PRC-74
1,2 -----	CY-6314/PRC-74 and CY-6314A/ PRC-74

b. The following publication pertains to the AN/PRC-74B, AN/PRC-74C, PP-4514/PRC-74, PP-4514A/PRC-74, CY-6314/PRC-74, CY-6314A/PRC-74, CY-6121/PRC-74 and their components.

TM 11-5820-590-12-1 Operator's and Organizational Maintenance Manual Including Repair Parts and Special Tools list Radio Sets AN/PRC-74B and AN/PRC-74C and Power Supplies PP-4514/PRC-74 and PP-4514A/PRC-74 and Battery Boxes CY-6121/PRC-74, CY-6314/PRC-74 and CY-6314A/PRC-74.

c. Item sequence number for the first call-out item under each unit, assembly, or sub-assembly is shown on column 1, line two (2).

B-5. How to Locate Repair Parts

a. When the Federal stock number or part number is unknown—

(1) *First.* Find the illustration covering the unit or assembly to which the repair part belongs.

(2) *Second.* Identify the repair part on the illustration and note the illustration figure and the reference designation of the repair part.

(3) *Third.* Using the repair parts listing, find the unit or assembly breakdown to which the repair part belongs and locate the figure and reference designation noted on the illustration.

b. When Federal stock number or part number is known—

(1) *First.* Using the index of Federal stock numbers and part numbers find the pertinent Federal stock number or part number. This index is in ascending FSN alphanumeric

sequence, cross-referenced to the figure number and item number or reference designation.

(2) *Second.* Using the repair part listing, find the unit or assembly breakdown of the repair part and the figure number and item number referenced in the index of Federal stock numbers and part numbers.

c. When the reference designation is known—

(1) *First.* Locate the reference designation in the index-reference designation cross-reference to page number.

(2) *Second.* Note the page number, then locate the item in the list by the page number.

B-6. Federal Supply Code for Manufacturers

Code	Manufacturer
00136	McCoy Electronics Co., Watts & Chestnut St., Mt. Holly Springs, Pa. 17065
00141	PIC Design Corp., 477 Atlantic Ave., East Rockaway, N.Y. 11518
00538	R.H.O. Engineering Co., 2234 Colby, Los Angeles, Calif. 90064
00629	EBY Sales Co., Inc. of New York, 148-05 Archer Ave., Jamaica, N.Y. 11435
00779	AMP Inc., P.O. Box 3608, Harrisburg, Pa. 17105
01121	Allen-Bradley Co., 1201 So. Second St., Milwaukee, Wis. 53204
01281	TRW, Inc., Semiconductor Div., 14520 Aviation Blvd., Lawndale, Calif. 90260
01295	Texas Instruments, Inc., Semiconductor Components Div., 13500 N. Central Expressway, Dallas, Tex. 75231
02111	Spectrol Electronics Corp., 17070 East Gale Ave., City of Industry, Calif. 91745
02660	Bunker Ramo Corp., The, Amphenol Connector Div., 2801 S. 25th Ave., Broadview, Ill. 60153
02735	RCA Corp., Solid State Division, Route 202, Somerville, N.J. 08876
03038	Long-Lok Corp., 4101 Redwood Ave., Los Angeles, Calif. 90066

<i>Code</i>	<i>Manufacturer</i>	<i>Code</i>	<i>Manufacturer</i>
03550	Vanguard Electronics, Div., Wyle Laboratories, 930 W. Hyde Park Blvd., Inglewood, Calif. 90302	08730	Vemaline Products Co., Inc., P.O. Box 3, 455 W. Main St., Wyckoff, N.J. 07481
03624	C.T.C. Mfg. Corp., North Hollywood, Calif.	08742	ACDC Electronics, Inc., Oceanside Industrial Cntr, Oceanside, Calif. 92054
04622	Narmco Materials, Division Whitaker Corp., 600 Victoria St., Costa Mesa, Calif. 92627	08795	Rayclad Tubes, Inc., 300 Constitution Dr., Menlo Park, Calif. 94025
04633	Minnesota Mining & Mfg. Co., Adhesives Coating & Sealers Div., Los Angeles, Calif.	09026	Babcock Electronics Corp., Relays Division, 3501 Harbor Blvd., P.O. Box 1499, Costa Mesa, Calif. 92626
04713	Motorola Semiconductor Products Inc., 5005 E. McDowell Rd., Phoenix, Ariz. 85008	09454	Marshall Industries, Electro Physics Div., Monrovia, Calif.
05046	Birtcher Corp., The, Precise of Calif., 1712 Berkley St., Santa Monica, Calif. 95401	09795	Penntube Plastics Co., Div. of Dixon Industries Corp., Holley St. & Madison Ave., Clifton Heights, Pa. 19018
05436	Consolidated Products Corp., B & B Electronics Div., P.O. Box 260, 16639 Gramercy Place, Gardena, Calif. 90247	10266	California Hardware Co., P.O. Box 2829 Terminal Annex, Los Angeles, Calif. 90054
05649	Coleman Engineering Co., Inc., 3121 W. Central Ave., Santa Ana, Calif. 92702	11139	Deutsch Co., Electronic Components Div., Municipal Airport, Banning, Calif. 92220
05869	Hughes Aircraft Co., Ground Systems Group, P.O. Box 3310, Fullerton, Calif. 92634	12138	American Missile Products, Inc., Lawndale, Calif.
06341	Products/Techniques Inc., 12049 Regentview Ave., Downey, Calif. 90241	13257	ESNA Ltd., P.O. Box 250, Agincourt Toronto, Ontario, Canada
06540	Amatom Electronic Hardware, Div., of Mite Corp., 81 Rockdale Ave., New Rochelle, N.Y. 10802	13476	Westline Products, Division of Western Lithograph Co., Los Angeles, Calif.
07047	Ross Milton Co., 511 Second St., Pike Southampton, Pa. 18966	13571	Electronic Research Co., 10005 W. 75th, Overland Park, Kans. 66204
07154	Master Washer & Stamping Co., 1550 Extudillo Ave., Los Angeles, Calif. 90023	13715	Fairchild Semiconductor a Division of Fairchild Camera and Instrument Co., 4300 Redwood Highway, San Rafael, Calif. 94903
07263	Fairchild Semiconductor A Div. of Fairchild Camera & Instrument Corp., 464 Ellis St., Mountain View, Calif. 94040	16179	Omni Spectra, Inc., 24600 Hallwood Ct., Farmington, Mich. 48024
07886	National Radio Co., Inc., Commercial Products Div., 37 Washington St., Melrose, Mass. 02176	16333	Motorola, Inc., Control Systems Div., 3102 No. 56th Street, Phoenix Ariz. 85031
08289	Blinn Delbert Co., Inc., The, 1678 E. Mission Blvd., P.O. Box 2007, Pomona, Calif. 91766	16546	U.S. Capacitor Corp., 2151 N. Lincoln, Burbank, Calif. 91504
08714	Aerostat Co., 1734 W. 139th St., Gardena, Calif. 90249	17826	Technocomponents Corp., 7803 Lemon Ave., Van Neys, Calif. 91405
		17870	Daven Div., Thomas A. Edison Industries, McGraw-Edison Co., Greiner Field Municipal Airport, Manchester, N.H. 03103

<i>Code</i>	<i>Manufacturer</i>	<i>Code</i>	<i>Manufacturer</i>
18342	Amp, Inc. Syscom Div., 3711 Paxton St., Harrisburg, Pa. 17101		P.O. Box 591, Milwaukee, Wis. 53201
036	Palmer G and Associates, Ltd., 2112 Gaylord Ave., Long Beach Calif. 90212	71785	Cinch Mfg. Co. & Howard B. Jones Div., 1026 S. Homan Ave., Chicago, Ill. 60624
21645	Ferrodyne Corp., 4240 Glenco Ave., Venice, Calif. 90291	71984	Dow Corning Corp., S. Saginaw Rd., Midland, Mich. 48641
22224	Precision Coil Mfg. Co., 18300 Topham St., Tarzana, Calif. 91356	72136	Electro Motive Mfg. Co., Inc., The, South Park & John Streets, Willimantic, Conn. 06226
23086	Patrican Industries, 1120 S. Shamrock Ave., Monrovia, Calif. 91016	72656	Indiana General Corp., Electronics Div., Crows Mill Rd., Keasby, N.Y. 08832
25656	D. B. Products, Inc., 253 No. Vinedo Ave., Pasadena, Calif. 91107	72825	EBY Hugh H, Inc., 4701 Germantown Ave., Philadelphia, Pa. 19144
26365	Gries Reproducer Corp., 125 Beechwood Ave., New Rochelle, N.Y. 10802	72962	Elastic Stop Nut, Div. of Amerace ESNA Corp., 2330 Vauxhall Rd., Union, N.J. 07083
28483	Arvin Frequency Devices, Div. of Arvin Industries Inc., 2505 No. Salisbury, West Lafayette, Ind. 47906	72982	Erie Technological Products, Inc., 644 W. 12th St., Erie, Pa. 16512
30323	Illinois Tool Works, Inc., 8501 W. Higgins Rd., Chicago, Ill. 60631	73197	Hishear Corp., 2600 Skypark Drive, Torrance, Calif. 90509
46384	Penn Engineering & Mfg. Corp., Old Easton Highway, Doylestown, Pa. 18901	73293	Hughes Aircraft Co., Electron Dynamics Div., P.O. Box 2999, Torrance, Calif. 90509
56289	Sprague Electric Co., No. Adams, Mass. 01247	74970	Johnson E. F. Co., 299 Tenth Ave., S.W. Waseca, Minn. 56093
57771	Stimpson Edwin B. Co., Inc., 70 Franklin Ave., Brooklyn, N.Y. 11205	75037	Minnesota Mining & Mfg. Co., Electro Products Div., Center St., St. Paul, Minn. 55101
59730	Thomas & Betts Co., The, 36 Butler St., Elizabeth, N.J. 07207	75237	The Kaynar Co., Division of Reiner Industries, Inc., 7875 Telegraph Rd., Pico Rivera, Calif. 90660
61957	USM Corp., 140 Federal St., Boston, Mass. 02107	75382	Kulka Electric Corp., 520 S. Fulton Ave., Mt. Vernon, N.Y. 10550
70309	Allied Control Co., Inc., 2 East End Ave., New York, N.Y. 10021	75915	Little Fuse, Inc., 800 E. Northwest Hwy., Des Plaines, Ill. 60016
70318	Allmetal Screw Products Co., Inc., 821 Stewart Ave., Garden City, N.Y. 11530	76381	Minnesota Mining & Mfg. Co., 3M Center Street, St. Paul, Minn. 55101
70779	General Instrument Corp., Automatic Mfg. Div., 65 Gouverneur, Newark, N.J.	76854	Oak Mfg. Co., Div. of Oak Electro/Netics Corp., S. Main, Crystal Lake, Ill. 60014
70903	Belden Corp., 415 S. Kilpatrick, Chicago, Ill. 60644	77221	Phaostrom Instrument & Electronic Co. 251 Pasadena Ave., So. Pasadena, Calif. 91030
71279	Cambridge Thermionic Corp., 445 Concord Ave., Cambridge, Mass. 02138	78189	Illinois Tool Works, Inc., Shake Proof Div., St. Charles Rd., Elgin, Ill. 60126
71286	Rex Chainbelt, Inc., Camlock Div., 22 Spring Valley Rd., Paramus, N.J. 07652		
71590	Globe Union, Inc., Centralab Div.,		

<i>Code</i>	<i>Manufacturer</i>	<i>Code</i>	<i>Manufacturer</i>
78488	Stackpole Carbon Co., St. Marys, Pa. 15857	90634	Gulton Industries, Inc., Gulton Street, Mutchen, N.J. 08840
79963	Zierick Mfg. Co., Radio Circle, Mt. Kisco, N.Y. 10549	91293	Johanson Mfg. Co., P.O. Box 329 Boonton, N.J. 07005
80058	Joint Electronic Type Designation System	91929	Honeywell, Inc. Micro Switch Div., Chicago & Spring St., Freeport, Ill. 61032
80205	National Aerospace Standards Committee Aerospace Ind. Association of America Inc., 1725 De Sales, N.W. Washington, D.C. 20036	91984	Maida Development Co., 214 Academy St., Hampton, Va. 23369
80223	United Transformer Co., 150 Varick St., New York, N.Y. 10013	93790	Cornell-Dubilier Electronics Div., Federal Pacific Electric Co., 1605 Rodney French Blvd., New Bedford, Mass. 02741
80294	Bourns, Inc., 1200 Columbia Ave., Riverside, Calif. 92507	94375	Automatic Metal Products Corp., 315-323 Berry St., Brooklyn, N.Y. 11211
80539	Standard Pressed Steel Co., 2701 S. Harbor Blvd., Santa Ana, Calif. 92702	95121	Quality Components, Inc., P.O. Box 113, St. Marys, Pa. 15857
80583	Hammarlund Mfg. Co., The, 73-88 Hammarlund Dr., Mars Hill, N.C. 28754	95987	Weckesser Co., Inc., 4444 West Irving Park Rd., Chicago, Ill. 60641
81349	Military Specifications Promulgated by Standardization Div., Directorate of Logistic Services DSA	96214	Texas Instruments, Inc., Government Products Div. of Equipment Group, 13510 N. Central Expressway, P.O. Box 6015, Dallas, Tex 75222
82204	Henry Products Co., Inc., A Sterling Electronics Co., 500 Bayview Ave., Inwood, N.Y. 11696	96906	Military Standards Promulgated by Standardization Div., Directorate of Logistic Services DSA.
82240	Simmons Fastner Corp., 1761 N. Broadway, Albany, N.Y. 12204	98003	Nielsen Hardware Corp., 770 Weathersfield Ave., Hartford, Conn.
82577	Hughes Aircraft Co., Centinella & Teale, Culver City, Calif. 90230	98291	Sealectro Corp., 225 Hoyt, Mamaroneck, N.Y. 10544
82768	Phillips-Advance Control Co., Div. of Phillips-Eckardt Electronic Corp., Joliet, Ill.	98410	ETC, Inc., 990 E. 67th St., Cleveland, Ohio 44103
83259	Parker Seal Co., Div. of Parker Hannifin Corp., 10567 Jefferson Blvd., Culver City, Calif. 90231	98978	International Electronic Research Corp., 135 West Magnolia Ave., Burbank, Calif. 91502
83330	Smith Herman H., Inc., 812 Snediker Ave., Brooklyn, N.Y. 11207	99142	General Electric Co., Industrial Electronics Division of Electronic Atomic & Defense Systems Group, Utica, N.Y.
84411	TRW Capacitor Div., 112 W. First St., Ogallala, Nebr.	99251	Bendix Corp., The, Instruments & Life Support Div., 2734 Hickory Grove Rd., Davenport, Iowa 52804
86923	Seastrom Mfg. Co., Inc., 701 Sonora Ave., Glendale, Calif. 91201	99742	Johnson & Johnson, Inc., Permacel Div., U.S. Highway 1, New Brunswick, N.J. 08901
88245	Litton Precision Products, Inc., US-ECO Div. Litton Ind. 13536 Saticoy St., Van Nuys, Calif. 91409	99942	Globe-Union, Inc., Centralab Semiconductor Div., 4501 N. Arden Dr., El Monte, Calif. 91734
88797	Robintech, Inc., Electro Mechanical Div., P.O. Box 714, Binghamton, N.Y. 13902		
90484	ITT Surprenant Div., Clinton, Mass. 01510		

[Next page is B8]

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
001	5820-935-0030	RADIO SET AN/PRC-74B AN/PRC-74B (05869)	EA	1										
A001A		RADIO SET AN/PRC-74C AN/PRC-74C (80058)	EA	1										
P--C-- A002M	5995-930-7016	CABLE ASSY, POWER, ELECTRICAL CX-10239/PRC-74 (05869)	EA	1	**	2	2	**	**	2	12	20	F1	W1
X1-F-- A003M		CABLE, RETACTILE 8415 (70903)	EA	1									F2	W1W1
X1-F-- A004M		CAPACITOR, FIXED, CER, DIELECT. EPC04X103M (09454)	EA	1									F2	W1C1
X1-F-- A005M		CONNECTOR, PLUG, ELECTRICAL 126-195 (02660)	EA	1									F2	W1P2
X1-F-- A006M		CONNECTOR, PLUG, ELECTRICAL 164-182-1001 (02660)	EA	1									F2	W1P1
X1-F-- A007M		NAMEPLATE, CABLE 1555108 (05869)	EA	1									F2	W1MP1
A--O--S A008M	5805-926-0221	KEY ASSEMBLY, TELEGRAPH KY-562/U (05869)	EA	1									F1	S1
P--O-- A009M	5820-089-9196	CABLE ASSY, POWER, ELECTRICAL CX-11468/U (05869)	EA	1	**	2	2	**	**	2	12	20	F2	S1W1
P--F-- A011A	6145-682-9937	CABLE, POWER, ELECTRICAL CO-02LGF2-18 0250 (81349)	EA	1	**	2	2	**	**	2	12	50	F2	S1W1W1
P--F-- A012A	5935-992-2035	CONNECTOR, PLUG, ELECTRICAL U229-U (81349)	EA	1	**	**	2	**	**	**	8	25	F2	S1W1P1
MD--D-- A013M		NAMEPLATE, CABLE 1549962 (05869)	EA	1									F2	S1W1MP2
P--F-- A014M	5440-935-8334	TERMINAL LUG A510-06 (98410)	EA	2	**	2	2	**	2	2	12	40	F2	S1W1E1, S1W1E2
P--O-- A016M		KEY, TELEGRAPH ASSEMBLY AMP30371-A (12138)	EA	1	**	2	2	**	**	2	12	10	F2	S1S1
MD--F-- A017M		NAMEPLATE 1540911-012 (05869)	EA	1									F2	S1MP1
A--C-- A018M	5820-832-8210	KIT, ANTENNA MK-911A/PRC-74 (05869)	EA	1									F1	E1
P--C-- A019M	5820-942-0844	FIXTURE, DIPOLE MX-7256/PRC-74 (05869)	EA	1	**	**	**	**	**	**	5	2	F3	E1E1
P--O-- A020M	5340-753-3456	CLAMP, LOOP MS25281-2 (96906)	EA	1	**	**	2	**	**	**	8	15	F3	E1E1MP1
P--O-- A021M	5305-059-3657	SCREW, MACHINE MS51958-61 (96906)	EA	1	**	2	2	**	**	2	12	15	F3	E1E1MP1H1
P--O-- A022M	5310-167-0801	WASHER, FLAT AN960C10 (81349)	EA	1	**	**	2	**	**	**	8	20	F3	E1E1MP1H1
P--O-- A023M	5310-209-1239	WASHER, LOCK MS35335-60 (96906)	EA	1	**	**	2	**	**	**	8	20	F3	E1E1MP1H1
P--F-- A024M	5935-578-3494	JACK, TIP, RED 105-302 (74970)	EA	1	**	**	**	**	**	**	4	12	F3	E1E1J1
P--F-- A025M	5935-932-2864	JACK, TIP, BLACK 105-303 (74970)	EA	1	**	**	**	**	**	**	4	4	F3	E1E1J2
P--F-- A026M	5940-879-3763	POST, BINDING TYPE FWA (07886)	EA	2	**	**	**	**	**	**	5	4	F3	E1E1E1, E1E1E3
P--F-- A027A		TERMINAL LUG MS25036-49 (96906)	EA	2	**	2	2	**	2	2	12	40	F3	E1E1E1H2
P--F-- A027B	5310-685-3744	WASHER, FLAT AN960C8 (81349)	EA	2	**	**	2	**	**	2	8	40	F3	E1E1E1H2

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--F-- A028A	5310-042-9067	WASHER, LOCK MS35337-80 (96906)	1,2	EA	2	**	**	2	**	**	2	8	40	F3	E1E1E1H2
P--O-- A029M		REEL, DIPOLE 1541081 (05869)	1,2	EA	1	**	**	**	**	**	**	5	2	F3	E1E1E2
P--F-- A029A		TUBING, FLEXIBLE, POLYOLEFIN 760293-004 (05869)	1,2	EA	2	**	2	2	**	2	2	12	6	F3	E1E1MP1, E1E1MP3
P--F-- A030A		5776-754-1622 INSULATION SLEEVEING, ELECTRICAL 760293-005 (05869)	1,2	EA	1	**	2	2	**	2	2	12	3	F3	E1E1MP2
P--C-- A031M		5820-945-4319 TWINE ASSEMBLY 1540369 (05869)	1,2	EA	2									F3	E1A1, E1A2
X1-O-- A032M		REEL, ANTENNA 1541082-002 (05869)	1,2	EA	2	**	**	**	**	**	**	5	4	F3	E1A1MP1, E1A2MP4
X1-O-- A033A		CORD, NYLON TYPE2OLIVE DRAB7 (81349)	1,2	EA	2	**	2	2	**	2	2	12	10	F3	E1A1MP2, E1A2MP5
X1-O-- A034M		WEIGHT LEAD BANK 2100-80Z (10266)	1,2	EA	2	**	**	**	**	**	**	5	4	F3	E1A1MP3, E1A2MP6
P--C-- A038M		WIRE, ANTENNA 1560017 (05869)	1,2	EA	2									F3	E1E2, E1E3
X1-F-- A039M		JACK, TIP, RED SAME AS A024M	1,2	EA	2	REF	REF	REF	REF	REF	REF			F3	E1E2J1, E1E3J2
X1-O-- A040M	LINK, ANTENNA 1541083 (05869)	1,2	EA	2	**	**	**	**	**	**	5	4	F3	E1E2MP1, E1E3MP23	
X1-O-- A041M	REEL, ANTENNA 1560018 (05869)	1,2	EA	2	**	**	**	**	**	**	5	4	F3	E1E2MP2, E1E3MP24	
X1-O-- A042M	SLEEVEING, ELECTRICAL CRN1-8TYPE2 (08795)	1,2	EA	20	**	**	2	**	**	2	8	60	F3	E1E2MP3 THRU E1E2MP12, E1E3MP25 THRU E1E3MP34	
MD-O-- A052M	TAG COR1-33S (13476)	1,2	EA	20									F3	E1E2MP13 THRU E1E2MP22, E1E3MP35 THRU E1E3MP44	
P--O-- A062M	WIRE, ANTENNA 996926-093 (05436)	1,2	EA	2	**	**	**	**	**	**	5	4	F3	E1E2E1, E1E3E2	
P--C-- A064M	5820-942-0818 BRACKET, MOUNTING, ANTENNA M5-3613/PRC-74 (05869)	1,2	EA	1	**	**	**	**	**	**	5	6	F1	A2	
X1-F-- A065M	ANTENNA MOUNT BASE ASSEMBLY 1541087 (05869)	1,2	EA	1	**	**	**	**	**	**	5	2	F4	A2A1	
X1-F-- A066M	ADHESIVE, EPOXY EC766 (88525)	1,2	PT	1	**	**	**	**	**	**	5		F4	A2A1MP1	
X1-F-- A067M	BASE, ANTENNA 1541087-097 (05869)	1,2	EA	1									F4	A2A1MP2	
X1-F-- A068M	BOLT, SQUARE NECK MS35751-2 (96906)	1,2	EA	1	**	**	2	**	**	**	8	10	F4	A2A1MP2H1	
X1-F-- A070M	INSERT, SCREW THREAD MS21208F6-15 (96906)	1,2	EA	1	**	2	2	**	**	2	12	15	F4	A2A1MP2H1	
X1-F-- A071M	NUT, PLAIN, WING MS35425-37 (96906)	1,2	EA	1	**	**	2	**	**	**	8	15	F4	A2A1MP2H1	
X1-F-- A072M	NUT, SELF LOCKING NAS679A3 (80205)	1,2	EA	1	**	**	2	**	**	**	8	15	F4	A2A1MP2H1	
X1-F-- A073M	STUD, SELF LOCKING FH1032-14 (46384)	1,2	EA	1	**	**	**	**	**	**	5	5	F4	A2A1MP2H1	
X1-F-- A074M	WASHER, FLAT MS27183-9 (96906)	1,2	EA	2	**	2	2	**	2	2	12	20	F4	A2A1MP2H2	
X1-F-- A075M	HINGE LOCK NO-3 (82240)	1,2	EA	1	**	**	2	**	**	**	8	5	F4	A2A1MP3	

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
X1-D-- A076M		RIVET, SOLID MS20427F4-4 (96906)	1,2	EA	6						12	90	F4	A2A1MP3H6	
X1-D-- A077M		PAD, LOCKING PLATE 1541087-094 (05869)	1,2	EA	1								F4	A2A1AT1	
X1-D-- A078M		PAD, LOCKING PLATE 1541087-095 (05869)	1,2	EA	1								F4	A2A1AT2	
X1-D-- A079M		PAD, MOUNTING PLATE 1541087-096 (05869)	1,2	EA	1								F4	A2A1AT3	
X1-D-- A080M		PLATE, LOCKING 1541087-098 (05869)	1,2	EA	1								F4	A2A1MP4	
X1-D-- A081M		PLATE, MOUNTING 1541087-099 (05869)	1,2	EA	1								F4	A2A1MP5	
X1-D-- A082M		NAMEPLATE 1540911-009 (05869)	1,2	EA	1								F4	A2MP2	
P--C-- A083M	5820-935-0032	ANTENNA AS-1887A/PRC-74 (05869)	1,2	EA	1								F1	E2	
MD-O-- A084M		NAMEPLATE 1559161-011 (05869)	1,2	EA	1								F5	E2MP1	
X1-F-- A085M		WHIP ANTENNA ASSEMBLY 1558388 (05869)	1,2	EA	1								F5	E2E1	
X1-F-- A086M		ADHESIVE, AIRFRAME STRUCTURAL MMM-A-132 (04633)	1,2	PT	1	*	2	2	*	*	2	12	F5	E2E1MP1	
X1-F-- A087M		ANTENNA 1558388-097 (05869)	1,2	EA	1	*	*	*	*	*	5	2	F5	E2E1E1	
X1-F-- A088M		COIL 1558388-092 (05869)	1,2	EA	2	*	*	2	*	*	2	8	16	F5	E2E1L1, E2E1L2
X1-F-- A090M		CORE, COIL F18625-875 (72656)	1,2	EA	1	*	*	2	*	*	8	8	F5	E2E1E3	
X1-F-- A091M		END, FEMALE 1558388-098 (05869)	1,2	EA	1	*	*	2	*	*	10	2	F5	E2E1MP3	
X1-F-- A092M		END, MALE 1558388-099 (05869)	1,2	EA	1	*	*	2	*	*	10	2	F5	E2E1MP4	
X1-F-- A093M		END, HOUSING 1558388-090 (05869)	1,2	EA	1								F5	E2E1MP5	
X1-F-- A094M		END, HOUSING 1558388-094 (05869)	1,2	EA	1								F5	E2E1MP6	
X1-F-- A095M		HOUSING 1558388-093 (05869)	1,2	EA	1								F5	E2E1MP7	
X1-F-- A096M		JACK 1558388-095 (05869)	1,2	EA	6	*	*	2	*	*	2	8	24	F5	E2E1J1 THRU E2E1J6
X1-F-- A101A		PIN, SPRING MS171494 (96906)	1,2	EA	1	*	*	*	*	*	5	4	F5	E2E1MP21	
X1-F-- A101B		PIN, SPRING MS171435 (96906)	1,2	EA	2	*	*	*	*	*	5	8	F5	E2E1MP22, E2E1MP23	
X1-F-- A102M		PLUG, BANANA 462 (83330)	1,2	EA	1	*	2	2	*	*	2	12	15	F5	E2E1P1
X1-F-- A103M		SETSCREW LP57XA62J3 (03038)	1,2	EA	1	*	2	2	*	*	2	12	15	F5	E2E1MP8
X1-F-- A104M		SLEEVE, PLUG MOUNTING 1558388-096 (05869)	1,2	EA	1								F5	E2E1MP9	
X1-F-- A105M		SPRING 1558388-091 (05869)	1,2	EA	1								F5	E2E1MP10	
X1-F-- A106M		SUPPORT 1558388-088 (05869)	1,2	EA	1								F5	E2E1MP11	

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGNCY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
X1-F-- A107M		SUPPORT SLOTTED 1558388-087 (05869)	1,2	EA	1								F5	E2E1MP12	
X1-F-- A108M		TERMINAL LUG 31252 (00779)	1,2	EA	1								F5	E2E1E2	
X1-F-- A109M		TUBE, PHENOLIC 90503 (05649)	1,2	EA	1								F5	E2E1MP13	
X1-F-- A110M		TUBING, FLEXIBLE, POLYOLEFIN SAME AS A029A	1,2	EA	6								F5	E2E1MP14 THRU E2E1MP19	
P--O-- A116M	8105-921-6711	BAG, ACCESSORY, CARRYING CW-863/PRC-74 (05869)	1,2	EA	1	*	*	*	*	*	*	5	2	F1	MP2
P--O-S A117M	5820-942-0500	BASE, ANTENNA, WHIP AB-955/PRC-74 (05869)	1,2	EA	1									F1	A3
P--F-- A118M	5940-606-7013	CONTACT, ELECTRICAL 41656 (18342)	1,2	EA	1	*	*	2	*	*	*	8	20	F4	A3E1
MD-O-- A119M		NAMEPLATE 1540911-010 (05869)	1,2	EA	1									F4	A3MP1
X1-D-- A120A		MOUNT, RESILIENT AB129-PR (82204)	1,2	EA	1									F4	A3MP2
P--F-- A121M	5940-283-5280	TERMINAL LUG MS25036-6 (96906)	1,2	EA	1	*	2	2	*	*	2	12	20	F4	A3E2
P--F-- A122M	5305-543-2771	SCREW, MACHINE MS35233-25 (96906)	1,2	EA	1	*	2	2	*	2	2	12	120	F4	A3E2H1
P--F-- A123M	5310-579-0079	WASHER, LOCK MS35333-37 (96906)	1,2	EA	1	*	2	2	*	*	2	12	20	F4	A3E2H1
A--O-S A124	5820-935-0031	RECEIVER-TRANSMITTER RADIO RT-794B/PRC-74 (05869)		EA	1									F1	A1
A--O-S A124A	5820-177-1640	RECEIVER-TRANSMITTER RADIO RT-794C/PRC-74 (80058)	2	EA	1									F1	A1
P--O-- A125M	5305-550-5002	SCREW, MACHINE MS35233-13 (96906)		EA	2	*	2	2	*	2	2	12	600	F8	A1H2
P--O-- A125A	5305-054-5651	SCREW, MACHINE MS51957-17 (96906)	2	EA	2	*	2	2	*	2	2	12	30	F8	A1H2
P--O-- A126M	5310-809-8546	WASHER, FLAT MS27183-8 (96906)		EA	4	*	2	2	*	2	2	12	100	F8	A1H4
P--O-- A126A	5310-809-8546	WASHER, FLAT SAME AS A126M	2	EA	8	REF	REF	REF	REF	REF	REF			F8	A1H8
P--O-- A127M	5310-723-9676	WASHER, FLAT NAS620C4L (80205)		EA	1	*	2	2	*	2	2	12	1060	F8	A1H1
P--O-- A128	5310-632-6721	WASHER, FLAT AN960C4 (81349)		EA	1	*	2	2	*	*	2	12	20	F8	A1H1
P--O-- A128A	5310-632-6721	WASHER, FLAT SAME AS A128	2	EA	2	REF	REF	REF	REF	REF	REF			F8	A1H2
P--O-- A129	5310-550-3715	WASHER, LOCK MS35333-70 (96906)		EA	2	*	2	2	*	2	2	12	160	F8	A1H2
P--F-- A130M	5820-999-8325	CABLE ASSY, SP, ELECTRICAL 1540902 (05869)	1,2	EA	1	*	*	2	*	*	*	12	20	F8	A1W1
X1-F-- A130A		CABLE, RADIO FREQUENCY, COAX RG196A-U (81349)	1,2	EA	1									F8	A1W1W1
P--F-- A131A	5935-963-0124	CONNECTOR, PLUG, ELEC, RF MINTR 50-307-3196 (98291)	1,2	EA	1	*	*	2	*	*	2	8	125	F8	A1W1P201
P--F-- A131C	5935-937-6278	CONNECTOR, PLUG, ELEC, RF MINTR 50-311-3196 (98291)	1,2	EA	1	*	*	*	*	*	*	5	50	F8	A1W1P202
A--F-S A132		CASE, RECEIVER-TRANSMITTER 1540901 (05869)		EA	1									F6	A1A7

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
A--F--S A132A		CASE, RECEIVER-TRANSMITTER 1596377 (05869)	2	EA	1								F6	A1A7	
MD-F-- A133		CASE 1540901-099 (05869)		EA	1								F6	A1A7MP1	
MD-F-- A133A		CASE 1596377-099 (05869)	2	EA	1								F6	A1A7MP1	
P--D-- A134A	5320-117-6949	RIVET, SOLID MS20426AD4-4 (96906)	1,2	EA	2						12	30	F6	A1A7MP1H2	
P--D-- A135A		LATCH, THUMB 1598626 (05869)		EA	2						8	10	F6	A1A7MP2, A1A7MP10	
P--D-- A135B		LATCH, THUMB 51L83-1-1AA (71286)	2	EA	2						8	10	F6	A1A7MP2, A1A7MP10	
P--D-- A135C	5315-934-8536	PIN, SPRING MS171432 (96906)	2	EA	2						5	8	F6	A1A7MP2H1, A1A7MP10H1	
P--D-- A135E	5320-117-6815	RIVET, SOLID MS20470AD3-4 (96906)		EA	6						12	90	F6	A1A7MP2H3, A1A7MP10H3	
P--D-- A135F	5320-117-6826	RIVET, SOLID MS20470AD4-4 (96906)	2	EA	6						12	150	F6	A1A7MP2H3, A1A7MP10H3	
P--D-- A137M	5340-619-0214	LATCH, THUMB SCB83314-2 (98003)	1,2	EA	2						8	10	F6	A1A7MP3, A1A7MP11	
P--D-- A137A	5320-117-6826	RIVET, SOLID SAME AS A135F	1,2	EA	4								F6	A1A7MP3H2, A1A7MP11H2	
MD-D-- A139		PLATE 1540901-097 (05869)		EA	1								F6	A1A7MP4	
MD-D-- A141		RAIL, LEFT HAND 1540901-095 (05869)		EA	2								F6	A1A7MP6, A1A7MP12	
MD-D-- A143		RAIL, RIGHT HAND 1540901-096 (05869)		EA	2								F6	A1A7MP7, A1A7MP13	
P--D-- A145		SEALANT EC-1103 (04633)		PT	1						8	2	F6	A1A7MP8	
P--F--S A150	5820-089-7879	FREQUENCY GENERATOR ASSEMBLY 1541055-101 (05869)		EA	1	2	3	6	2	2	2	71	2	F7	A1G1
P--F--S A150A	5820-140-7390	FREQUENCY GENERATOR ASSEMBLY 1541055-102 (05869)	2	EA	1	2	3	6	2	2	2	65	2	F7	A1G1
P--H-- A151M	5940-949-3101	BARRIER, TERMINAL 411JJ3 (75382)	1,2	EA	1				"	"	2	8	15	F9	A1G1TB501
P--H-- A152	5305-054-5648	SCREW, MACHINE AN515C4-5 (81349)	1,2	EA	2				"	2	2	12	195	F9	A1G1TB501H2
P--H-- A153M	5940-68-9691	TERMINAL LUG 330837 (00779)	1,2	EA	3				"	2	2	12	660	F9	A1G1TB501E1
P--H-- A154M	5310-723-9676	WASHER, FLAT SAME AS A127M	1,2	EA	2				REF	REF	REF			F9	A1G1TB501H2
MD-H-- A155M		BASE 1540982 (05869)	1,2	EA	1									F9	A1G1MP1
P--H-- A156M		CLAMP, CABLE 1560186 (05869)	1,2	EA	1				"	"	2	8	15	F9	A1G1MP2
P--H-- A157M	5310-208-9261	NUT, SELF-LOCKING 79NTM40 (72962)		EA	1				"	"	2	8	15	F9	A1G1MP2H1
P--H-- A157A		NUT, SELF-LOCKING FN1014-440P18 (80539)	2	EA	1				"	"	2	8	30	F9	A1G1MP2H1
P--H-- A158M		SCREW, MACHINE SAME AS A152	1,2	EA	1				REF	REF	REF			F9	A1G1MP2H1
P--H-- A159M	5310-723-9676	WASHER, FLAT SAME AS A127M	1,2	EA	1				REF	REF	REF			F9	A1G1MP2H1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--H-- A160M	6145-814-1209	CABLE, RADIO FREQUENCY, COAXIAL SAME AS A130A	EA	3				REF	REF	REF			F9	A1G1W1, A1G1W2, A1G1W3	
A--H--S A163		BOARD ASSY, FREQ GENERATOR UNIT 1540983 (05869)	EA	1										F9	A1G1TB1
A--H--S A163A		BOARD ASSY, FREQ GENERATOR UNIT 1596386 (05869)	EA	1										F9	A1G1TB1
P--H-- A164	5305-054-6650	SCREW, MACHINE MS35235-26 (96906)	EA	2				*	2	2	12	90	F9	A1G1TB1H2	
P--H-- A165		ADHESIVE Q3-0079 (71984)	OZ	4				*	*	2	8	8	F10	A1G1TB1MP1, A1G1TB1MP5 THRU A1G1TB1MP7	
P--H-- A169M	5910-760-6878	CAPACITOR, FXD, MICA DIELECTRIC DM15-102J (72136)	EA	1				*	*	2	8	104	F10	A1G1TB1C516	
P--H-- A170M	5910-617-3764	CAPACITOR, FXD, MICA DIELECTRIC DM15-751J (72136)	EA	1				*	*	2	8	8	F10	A1G1TB1C512	
P--H-- A170A	5910-999-7768	CAPACITOR, FXD, MICA DIELECTRIC CD10C101J03 (93790)	EA	1				*	*	2	8	56	F10	A1G1TB1C517	
P--H-- A171M	5910-787-2109	CAPACITOR, FIXED, ELECTROLYTIC CS13BF105K (81349)	EA	1				*	*	2	8	48	F10	A1G1TB1C515	
P--H-- A171A	5910-068-4298	CAPACITOR, FIXED, ELECTROLYTIC CSR13G105KM (81349)	EA	1				*	*	2	8	48	F10	A1G1TB1C515	
P--H-- A172	5910-082-5033	CAPACITOR, FXD, MICA DIELECTRIC CM05D271J03 (81349)	EA	1				*	*	2	8	8	F10	A1G1TB1C511	
P--H-- A172A	5910-460-0870	CAPACITOR, FXD, MICA DIELECTRIC CM05FD271J03 (81349)	EA	1				*	*	2	8	8	F10	A1G1TB1C511	
P--H-- A173M	5910-900-5296	CAPACITOR, FXD, MICA DIELECTRIC CM06D202J03 (81349)	EA	1				*	*	2	8	8	F10	A1G1TB1C513	
P--H-- A173A	5910-255-4054	CAPACITOR, FXD, MICA DIELECTRIC CM06FD202J03 (81349)	EA	1				*	*	2	8	8	F10	A1G1TB1C513	
P--H-- A174	5910-764-2540	CAPACITOR, FXD, MICA DIELECTRIC CM06D392J03 (81349)	EA	1				*	*	2	8	8	F10	A1G1TB1C514	
P--H-- A174A	5910-469-5621	CAPACITOR, FXD, MICA DIELECTRIC CM06FD392J03 (81349)	EA	1				*	*	2	8	8	F10	A1G1TB1C514	
A--H-- A175		CHASSIS, FREQUENCY GEN UNIT 1540984 (05869)	EA	1										F10	A1G1TB1A1
A--H-- A175A		CHASSIS, FREQUENCY GEN UNIT 1596621 (05869)	EA	1										F10	A1G1TB1A1
MD--H-- A176		CHASSIS 1540984-099 (05869)	EA	1										F10	A1G1TB1A1MP1
P--H-- A177M		NUT, CLINCH, FLUSH MOUNTING 12NCFMA1-62 (13257)	EA	2				*	*	2	8	30	F10	A1G1TB1A1MP2, A1G1TB1A1MP4	
P--H-- A180A	5310-691-2794	NUT, CLINCH, FLUSH MOUNTING 22NCFMA1-40 (13257)	EA	2				*	*	2	8	30	F10	A1G1TB1A1MP7, A1G1TB1A1MP8	
P--H-- A181A	5940-235-0081	TERMINAL, FEEDTHRU, INSULATED FTE15 (98291)	EA	4				*	*	2	8	12	F10	A1G1TB1A1E8 THRU A1G1TB1A1E11	
P--H-- A185M	5940-463-7270	TERMINAL, FEEDTHRU, INSULATED FTE12 (98291)	EA	27				*	*	2	8	81	F10	A1G1TB1A1E12 THRU A1G1TB1A1E21, A1G1TB1A1E23, THRU A1G1TB1A1E39	
P--H-- A212M		TERMINAL, STUD 2030A2 (88245)	EA	7				*	*	*	4	21	F10	A1G1TB1A1E1 THRU A1G1TB1A1E7	

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- A219A	5950-932-4480	COIL, RADIO FREQUENCY 93310 (03550)	EA	1				"	"	2	8	8	FIC	A1G1TB1L511
P--H-- A220M	5950-902-4812	TRANSFORMER, PULSE PIP4 (80223)	EA	1				"	"	2	8	10	FIC	A1G1TB1T513
P--H-- A221		INSULATION, SLEEVEING 995057-029 (09795)	EA	12				"	"	2	8	36	FIC	A1G1TB1MP4, A1G1TB1MP8 THRU A1G1TB1MP18
P--H-- A221A		INSULATION, SLEEVEING, ELECTRICAL 24AWG4201THINPTFE (75037)	EA	15	2			"	"	2	8	45	FIC	A1G1TB1MP4, A1G1TB1MP8 THRU A1G1TB1MP21
P--H-- A233	5905-683-7720	RESISTOR, FIXED, COMPOSITION RC07GF510J (81349)	EA	3				"	"	2	8	70	FIC	A1G1TB1R517, A1G1TB1R519, A1G1TB1R522
P--H-- A233A	5905-764-2479	RESISTOR, FIXED, COMPOSITION RCR07G510JM (81349)	EA	3	2			"	"	2	8	70	FIC	A1G1TB1R517, A1G1TB1R519, A1G1TB1R522
P--H-- A236	5905-681-6462	RESISTOR, FIXED, COMPOSITION RC07GF102J (81349)	EA	1				"	"	2	8	120	FIC	A1G1TB1R514
P--H-- A236A	5905-734-0804	RESISTOR, FIXED, COMPOSITION RCR07G102JM (81349)	EA	1	2			"	"	2	8	120	FIC	A1G1TB1R514
P--H-- A237	5905-683-2236	RESISTOR, FIXED, COMPOSITION RC07GF391J (81349)	EA	1				"	"	2	8	20	FIC	A1G1TB1R530
P--H-- A237A	5905-773-0881	RESISTOR, FIXED, COMPOSITION RCR07G391JM (81349)	EA	1	2			"	"	2	8	20	FIC	A1G1TB1R530
P--H-- A238	5905-683-2246	RESISTOR, FIXED, COMPOSITION RC07GF473J (81349)	EA	1				"	"	2	8	50	FIC	A1G1TB1R526
P--H-- A238A	5905-776-7212	RESISTOR, FIXED, COMPOSITION RCR07G473JM (81349)	EA	1	2			"	"	2	8	50	FIC	A1G1TB1R526
P--H-- A239	5905-683-7721	RESISTOR, FIXED, COMPOSITION RC07GF101J (81349)	EA	3				"	"	2	8	90	FIC	A1G1TB1R518, A1G1TB1R523, A1G1TB1R528
P--H-- A239A	5905-764-2180	RESISTOR, FIXED, COMPOSITION RCR07G101JM (81349)	EA	3	2			"	"	2	8	90	FIC	A1G1TB1R518, A1G1TB1R523, A1G1TB1R528
P--H-- A242A	5905-776-8555	RESISTOR, FIXED, COMPOSITION RC07GF153J (81349)	EA	1				"	"	2	8	20	FIC	A1G1TB1R521
P--H-- A242B	5905-728-6132	RESISTOR, FIXED, COMPOSITION RCR07G153JM (81349)	EA	1	2			"	"	2	8	20	FIC	A1G1TB1R521
P--H-- A243	5905-806-0636	RESISTOR, FIXED, COMPOSITION RC07GF330J (81349)	EA	2				"	"	2	8	30	FIC	A1G1TB1R524, A1G1TB1R527
P--H-- A243A	5905-763-4056	RESISTOR, FIXED, COMPOSITION RCR07G330JM (81349)	EA	2	2			"	"	2	8	30	FIC	A1G1TB1R527,
P--H-- A245	5905-686-3128	RESISTOR, FIXED, COMPOSITION RC07GF113J (81349)	EA	1				"	"	2	8	20	FIC	A1G1TB1R512
P--H-- A245A	5905-814-6280	RESISTOR, FIXED, COMPOSITION RCR07G113JM (81349)	EA	1	2			"	"	2	8	20	FIC	A1G1TB1R512
P--H-- A246	5905-725-6995	RESISTOR, FIXED, COMPOSITION RC07GF271J (81349)	EA	1				"	"	2	8	50	FIC	A1G1TB1R531
P--H-- A246A	5905-758-5230	RESISTOR, FIXED, COMPOSITION RCR07G271JM (81349)	EA	1	2			"	"	2	8	50	FIC	A1G1TB1R531
P--H-- A247	5905-686-9997	RESISTOR, FIXED, COMPOSITION RC07GF682J (81349)	EA	1				"	"	2	8	10	FIC	A1G1TB1R513
P--H-- A247A	5905-734-1062	RESISTOR, FIXED, COMPOSITION RCR07G682JM (81349)	EA	1	2			"	"	2	8	10	FIC	A1G1TB1R513

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- A248	5905-688-3738	RESISTOR, FIXED, COMPOSITION RC07GF182J (81349)	EA	1				"	"	2	8	20	F10	A1G1TB1R511
P--H-- A248A	5905-728-6136	RESISTOR, FIXED, COMPOSITION RCR07G182JM (81349)	EA	1				"	"	2	8	20	F10	A1G1TB1R511
P--H-- A249	5905-687-0000	RESISTOR, FIXED, COMPOSITION RC07GF183J (81349)	EA	1				"	"	2	8	20	F10	A1G1TB1R516
P--H-- A249A	5905-773-1868	RESISTOR, FIXED, COMPOSITION RCR07G183JM (81349)	EA	1				"	"	2	8	20	F10	A1G1TB1R516
P--H-- A250M	5905-879-4956	RESISTOR, VARIABLE 50-9-287-103 (02111)	EA	3				"	"	2	8	36	F10	A1G1TB1R515, A1G1TB1R520, A1G1TB1R525
P--H-- A252M	5310-268-7306	NUT, HEXAGON AN345C0 (81349)	EA	4				"	"	2	8	60	F10	A1G1TB1R520H2, A1G1TB1R525H2
P--H-- A253M	5305-943-2174	SCREW, MACHINE AN520C0R8 (81349)	EA	2				"	2	2	12	30	F10	A1G1TB1R520H2
P--H-- A254M	5310-058-2950	WASHER, LOCK MS35337-77 (96906)	EA	2				"	2	2	12	80	F10	A1G1TB1R520H2, A1G1TB1R525H2
P--H-- A257M	5305-151-3598	SCREW, MACHINE AN520-0-5 (81349)	EA	2				"	2	2	12	30	F10	A1G1TB1R525H2
P--H-- A259A	5961-863-9495	TRANSISTOR 2N706A (04713)	EA	4				"	"	2	8	70	F10	A1G1TB1Q511 THRU A1G1TB1Q514
P--H-- A259B	5961-842-6937	TRANSISTOR JAN2N706 (81349)	EA	4				"	"	2	8	120	F10	A1G1TB1Q511 THRU A1G1TB1Q514
P--H-- A263M	5961-814-0768	SEMICONDUCTOR DEVICE, DIODE JAN1N3064 (81349)	EA	4				"	"	"	5	40	F10	A1G1TB1CR511 THRU A1G1TB1CR514
P--H-- A267M	5961-852-7549	SEMICONDUCTOR DEVICE, DIODE JAN1N754A (81349)	EA	1				"	"	"	5	10	F10	A1G1TB1CR515
P--H-- A268M		SLEEVING, ELECTRICAL SAME AS A030A	EA	4				REF	REF	REF			F10	A1G1TB1MP3, A1G1TB1MP19 THRU A1G1TB1MP21
P--H-- A268A	5976-577-1630	INSULATION, SLEEVING, ELECTRICAL 6AWG TY-F GR-B CL1 CAT1 (81349)	EA	4				"	"	2	8	12	F10	A1G1TB1MP3, A1G1TB1MP19 THRU A1G1TB1MP21
P--H-- A272M	5950-820-5477	TRANSFORMER, PULSE PIP5 (80223)	EA	2				"	"	2	8	20	F10	A1G1TB1T511, A1G1TB1T512
P--H-- A274M	5935-933-9403	CONNECTOR, PLUG, ELECTRICAL GG4602-900-819 (94375)	EA	1				"	"	"	8	25	F9	A1G1P502
P--H-- A274A		CONNECTOR, PLUG, ELEC, RF MINTR SAME AS A131C	EA	1				REF	REF	REF			F9	A1G1P502
P--H-- A275M	5935-944-9857	CONNECTOR, PLUG, ELECTRICAL GG4601-040-801 (94375)	EA	1				"	"	2	8	25	F9	A1G1P501
P--H-- A275A		CONNECTOR, PLUG, ELEC, RF MINTR SAME AS A131A	EA	1				REF	REF	REF			F9	A1G1P501
M--D-- A276M		COVER 1540980 (05869)	EA	1									F9	A1G1MP3
P--H-- A277M	5305-550-5002	SCREW, MACHINE SAME AS A125M (96906)	EA	3				REF	REF	REF			F9	A1G1MP3H3
P--H-- A277A	5340-136-9971	CLIP 1592633 (05869)	EA	2				"	"	2	8	20	F9	A1G1MP3H2
MD--H-- A278		NAMEPLATE 1559161-003 (05869)	EA	1									F9	A1G1MP4

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
MD-H-- A278A		NAMEPLATE 1596480-001 (05869)	2	EA	1								F9	A1G1MP4	
P--H-- A279	5820-878-7322	OSCILLATOR, RADIO FREQUENCY 31329A1 (99251)		EA	1				"	"	"	4	2	F9	A1G1Y1
P--H-- A279A	5820-146-1248	OSCILLATOR, RADIO FREQUENCY 300800 (28483)	2	EA	1				"	"	"	4	2	F9	A1G1Y1
P--H-- A280M	5305-550-5002	SCREW, MACHINE SAME AS A125M	1,2	EA	2				REF	REF	REF			F9	A1G1Y1H2
P--H-- A281A	5305-141-0742	RESISTOR, FIXED, COMPOSITION RC07GF181J (81349)		EA	1				"	"	2	8	30	F9	A1G1R32
P--H-- A281B	5905-890-4232	RESISTOR, FIXED, COMPOSITION RCR07G181JM (81349)	2	EA	1				"	"	2	8	30	F9	A1G1R32
P--H-- A282M		SEALING COMPOUND MIL-S-22473 GRADE-C (81349)	1,2	CR	1				"	"	"	5	2	F9	A1G1MP5
P--H-- A283M		TUBING, EXPANDED 125ID RED (08795)	1,2	EA	4				"	"	2	8	12	F9	A1G1MP6 THRU A1G1MP9
P--F-S A287	5820-944-8503	IF/AUDIO-RECEIVER-TRANSMITTER 1541054-100 (05869)		EA	1	3	7	13	2	2	2	164	2	F7	A1A1
P--F-S A287A	5820-140-7395	IF/AUDIO-RECEIVER-TRANSMITTER 1541054-101 (05869)	2	EA	1	3	7	13	2	2	2	164	2	F7	A1A1
P--H-- A288M	6145-814-1209	CABLE, RADIO FREQUENCY, COAXIAL SAME AS A130A	1,2	EA	1				"	2	2	12	50	F13	A1A1W1
MD-H-- A289		CHASSIS, IF/AUDIO UNIT 1540979 (05869)		EA	1									F12	A1A1A4
MD-H-- A289A		CHASSIS, IF/AUDIO UNIT 1596409 (05869)	2	EA	1									F12	A1A1A4
MD-H-- A290		BRACKET 1540979-097 (05869)		EA	1									F12	A1A1A4MP1
P--H-- A291		INK, MARKING MIL-I-16557 (81349)		EA	1				"	"	2	8	2	F12	A1A1A4MP2
P--H-- A292		PARTITION 1540979-098 (05869)		EA	1									F12	A1A1A4MP3
MD-H-- A297		TUBE, ALUMINUM ALLOY 1540979-096 (05869)		EA	4									F12	A1A1A4MP5, A1A1A4MP10 THRU A1A1A4MP12
MD-H-- A301		WRAP AROUND 1540979-099 (05869)		EA	1									F12	A1A1A4MP6
P--H-- A302M	5310-680-5270	NUT, SELF-LOCKING, PLATE 22A27M22-40 (72962)	1,2	EA	8				"	"	2	8	240	F12	A1A1A4MP13 THRU A1A1A4MP20
P--H-- A303M	5320-233-4781	RIVET, SOLID MS20426AD2-2 (96906)	1,2	EA	16				"	2	2	12	480	F12	A1A1A4MP13H2 THRU A1A1A4MP20H2
A--H-S A305		MIKE AMPL-MIXER, IF-AUDIO UNIT 1540975 (05869)		EA	1									F11	A1A1A2
A--H-S A305A		MIKE AMPL-MIXER, IF-AUDIO UNIT 1596414 (05869)	2	EA	1									F11	A1A1A2
P--H-- A306M	5305-550-5002	SCREW, MACHINE SAME AS A125M		EA	4				REF	REF	REF			F11	A1A1A2H4
P--H-- A306A	5305-054-5648	SCREW, MACHINE MS51957-14 (96906)	2	EA	4				"	2	2	12	150	F11	A1A1A2H4
P--H-- A306B	5310-723-9676	WASHER, FLAT SAME AS A127M	2	EA	4				REF	REF	REF			F11	A1A1A2H4

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--H-- A307A		CAPACITOR, FIXED, CER DIELECTRIC 7C023103X0500D (56289)	1,2	EA	3				**	**	2	8	64	FI4	A1A1A2C431, A1A1A2C433, A1A1A2C435
P--H-- A310M	5910-878-5733	CAPACITOR, FXD, PLSTC DIELECTRIC DE1-123D (09454)	1,2	EA	1				**	**	2	8	8	FI4	A1A1A2C437
P--H-- A311M	5910-893-8419	CAPACITOR, FXD, PLSTC DIELECTRIC DE1-823D (09454)	1,2	EA	2				**	**	2	8	16	FI4	A1A1A2C438, A1A1A2C439
P--H-- A313M	5910-784-7714	CAPACITOR, FIXED, ELECTROLYTIC CS13BC336K (81349)	1,2	EA	2				**	**	2	8	24	FI4	A1A1A2C434, A1A1A2C436
P--H-- A315M	5910-782-1973	CAPACITOR, FIXED, ELECTROLYTIC CS13BE106K (81349)	1,2	EA	2				**	**	2	8	24	FI4	A1A1A2C432, A1A1A2C441
P--H-- A317M	5910-787-2109	CAPACITOR, FIXED, ELECTROLYTIC SAME AS A171M		EA	1				REF	REF	REF			FI4	A1A1A2C440
P--H-- A317A	5910-068-4298	CAPACITOR, FIXED, ELECTROLYTIC SAME AS A171A	2	EA	1				REF	REF	REF			FI4	A1A1A2C440
P--H-- A318	5820-945-4315	PRINTED CKT. BD, IF-AUDIO UNIT 1540976 (05869)		EA	1				**	**	2	8	2	FI4	A1A1A2TB1
P--H-- A318A	5820-945-4315	PRINTED CKT. BD, IF-AUDIO UNIT 1596590 (05869)	2	EA	1				**	**	2	8	2	FI4	A1A1A2TB1
MD--H-- A319		BOARD, COPPER CLAD 1540976-099 (05869)		EA	1									FI4	A1A1A2TB1MP1
X1--H-- A320		TERMINAL STUD 2010B2 (88245)	1,2	EA	14									FI4	A1A1A2TB1E1 THRU A1A1A2TB1E14
P--H-- A334		COATING, PROTECTIVE PT432 (06341)		PT	1				**	**	**	5	2	FI4	A1A1A2MP2
P--H-- A335A	5950-921-3418	COIL, RADIO FREQUENCY MS90537-37 (96906)	1,2	EA	1				**	**	2	8	104	FI4	A1A1A2L406
P--H-- A336M	5950-878-9669	REACTOR ML3 (80223)	1,2	EA	1				**	**	**	5	4	FI4	A1A1A2L408
P--H-- A337M	5970-956-4973	INSULATOR, DISC 10044DAP (07047)	1,2	EA	6				**	**	**	8	80	FI4	A1A1A2E1 THRU A1A1A2E6
P--H-- A343M	5820-999-7974	MIXER, BALANCED VE10619 (03550)	1,2	EA	1				**	**	**	5	2	FI4	A1A1A2Z401
P--H-- A344M	5905-683-2238	RESISTOR, FIXED, COMPOSITION RC07GF103J (81349)		EA	5				**	**	2	8	90	FI4	A1A1A2R427, A1A1A2R429, A1A1A2R430, A1A1A2R442, A1A1A2R443
P--H-- A344A	5905-734-1003	RESISTOR, FIXED, COMPOSITION RCR07G103JM (81349)	2	EA	5				**	**	2	8	90	FI4	A1A1A2R427, A1A1A2R429, A1A1A2R430, A1A1A2R442, A1A1A2R443
P--H-- A349M	5905-683-2241	RESISTOR, FIXED, COMPOSITION RC07GF512J (81349)		EA	1				**	**	2	8	30	FI4	A1A1A2R445
P--H-- A349A	5905-764-2186	RESISTOR, FIXED, COMPOSITION RCR07G512JM (81349)	2	EA	1				**	**	2	8	30	FI4	A1A1A2R445
P--H-- A350M	5905-681-8818	RESISTOR, FIXED, COMPOSITION SAME AS A242A		EA	1				REF	REF	REF			FI4	A1A1A2R435
P--H-- A350A	5905-728-6132	RESISTOR, FIXED, COMPOSITION SAME AS A242B	2	EA	1				REF	REF	REF			FI4	A1A1A2R435
P--H-- A351M	5905-681-6462	RESISTOR, FIXED, COMPOSITION SAME AS A236		EA	1				REF	REF	REF			FI4	A1A1A2R440
P--H-- A351A	5905-734-0804	RESISTOR, FIXED, COMPOSITION SAME AS A236A	2	EA	1				REF	REF	REF			FI4	A1A1A2R440

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- A352M	5905-686-3370	RESISTOR, FIXED, COMPOSITION RC07GF202J (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R446
P--H-- A352A	5905-764-2773	RESISTOR, FIXED, COMPOSITION RCR07G202JM (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R446
P--H-- A353M	5905-686-3798	RESISTOR, FIXED, COMPOSITION RC07GF272J (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R444
P--H-- A353A	5905-780-8234	RESISTOR, FIXED, COMPOSITION RCR07G272JM (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R444
P--H-- A354M	5905-682-4097	RESISTOR, FIXED, COMPOSITION RC07GF302J (81349)	EA	1				"	"	2	8	60	F14	A1A1A2R441
P--H-- A354A	5905-764-2776	RESISTOR, FIXED, COMPOSITION RCR07G302JM (81349)	EA	1				"	"	2	8	60	F14	A1A1A2R441
P--H-- A355M	5905-686-3903	RESISTOR, FIXED, COMPOSITION RC07GF333J (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R439
P--H-- A355A	5905-728-6153	RESISTOR, FIXED, COMPOSITION RCR07G333JM (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R439
P--H-- A356M	5905-686-3368	RESISTOR, FIXED, COMPOSITION RC07GF203J (81349)	EA	1				"	"	2	8	60	F14	A1A1A2R438
P--H-- A356A	5905-887-9763	RESISTOR, FIXED, COMPOSITION RCR07G203JM (81349)	EA	1				"	"	2	8	60	F14	A1A1A2R438
P--H-- A357M	5905-727-8001	RESISTOR, FIXED, COMPOSITION RC07GF681J (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R431
P--H-- A357A	5905-763-4061	RESISTOR, FIXED, COMPOSITION RCR07G681JM (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R431
P--H-- A358M	5905-892-6941	RESISTOR, FIXED, COMPOSITION RC07GF221J (81349)	EA	1				"	"	2	8	20	F14	A1A1A2R425
P--H-- A358A	5905-728-6138	RESISTOR, FIXED, COMPOSITION RCR07G221JM (81349)	EA	1				"	"	2	8	20	F14	A1A1A2R425
P--H-- A359M	5905-683-2242	RESISTOR, FIXED, COMPOSITION RC07GF471J (81349)	EA	1				"	"	2	8	110	F14	A1A1A2R433
P--H-- A359A	5905-734-1045	RESISTOR, FIXED, COMPOSITION RCR07G471JM (81349)	EA	1				"	"	2	8	110	F14	A1A1A2R433
P--H-- A360M	5905-683-2235	RESISTOR, FIXED, COMPOSITION RC07GF680J (81349)	EA	1				"	"	2	8	30	F14	A1A1A2R428
P--H-- A360A	5905-763-4058	RESISTOR, FIXED, COMPOSITION RCR07G680JM (81349)	EA	1				"	"	2	8	30	F14	A1A1A2R428
P--H-- A361M	5905-803-2908	RESISTOR, FIXED, COMPOSITION RC07GF303J (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R426
P--H-- A361A	5905-780-8236	RESISTOR, FIXED, COMPOSITION RCR07G303JM (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R426
P--H-- A362M	5905-807-0059	RESISTOR, FIXED, COMPOSITION RC07GF433J (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R436
P--H-- A362A	5905-773-0914	RESISTOR, FIXED, COMPOSITION RCR07G433JM (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R436
P--H-- A363M	5905-801-8272	RESISTOR, FIXED, COMPOSITION RC07GF511J (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R437
P--H-- A363A	5905-764-2784	RESISTOR, FIXED, COMPOSITION RCR07G511JM (81349)	EA	1				"	"	2	8	10	F14	A1A1A2R437
P--H-- A364M	5905-774-8119	RESISTOR, VARIABLE 3290P1-102 (80294)	EA	1				"	"	2	8	12	F14	A1A1A2R432
P--H-- A365M	5905-939-3886	RESISTOR, VARIABLE 3290P1-201 (80294)	EA	1				"	"	2	8	12	F14	A1A1A2R434

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- A366M	5961-646-4611	SEMICONDUCTOR DEVICE, DIODE JAN1N457 (81349)	EA	3				*	*	*	5	200	F14	A1A1A2CR406 THRU A1A1A2CR408
P--H-- A369M	5961-081-8365	TRANSISTOR JAN2N1151 (81349)	EA	1				*	*	2	8	20	F14	A1A1A2Q412
P--H-- A370M	5961-842-6937	TRANSISTOR SAME AS A259B	EA	3				REF	REF	REF			F14	A1A1A2Q408 THRU A1A1A2Q410
P--H-- A373A	5961-771-7183	TRANSISTOR JAN2N911 (81349)	EA	1				*	*	2	8	10	F14	A1A1A2Q411
P--H-- A374M	5961-837-7262	TRANSISTOR JAN2N697 (81349)	EA	1				*	*	2	8	20	F14	A1A1A2Q413
A--H--S A375		BUFFER, IF-AUDIO UNIT 1540977 (05869)	EA	1									F11	A1A1A1
A--H--S A375A		BUFFER, IF-AUDIO UNIT 1596408 (05869)	EA	1									F11	A1A1A1
P--H-- A376M	5305-550-5002	SCREW, MACHINE SAME AS A125M	EA	4				REF	REF	REF			F11	A1A1A1H4
P--H-- A376A	5305-054-5648	SCREW, MACHINE SAME AS A306A	EA	4				REF	REF	REF			F11	A1A1A1H4
P--H-- A376B	5310-723-9676	WASHER, FLAT SAME AS A127M	EA	4				REF	REF	REF			F11	A1A1A1H4
P--H-- A377M	5910-892-3125	CAPACITOR, FIXED, CER DIELECTRIC UK10-503 (71590)	EA	6				*	*	2	8	112	F15	A1A1A1C409, A1A1A1C412, A1A1A1C415, A1A1A1C416, A1A1A1C418, A1A1A1C420
P--H-- A383A		CAPACITOR, FIXED, CER DIELECTRIC SAME AS A307A	EA	1				REF	REF	REF			F15	A1A1A1C423
P--H-- A384A		CAPACITOR, FIXED, CER DIELECTRIC 5C023104X0500B3 (56289)	EA	3				*	*	2	8	128	F15	A1A1A1C411, A1A1A1C422, A1A1A1C444
P--H-- A386M	5910-760-6878	CAPACITOR, FIXED, MICA DIELECTRIC SAME AS A169M	EA	2				REF	REF	REF			F15	A1A1A1C426, A1A1A1C428
P--H-- A388M	5910-649-2817	CAPACITOR, FIXED, MICA DIELECTRIC DM15-511J (72136)	EA	2				*	*	2	8	16	F15	A1A1A1C414, A1A1A1C419
P--H-- A390M	5910-999-7771	CAPACITOR, FIXED, MICA DIELECTRIC CD10C241J03 (93790)	EA	4				*	*	2	8	32	F15	A1A1A1C410, A1A1A1C413, A1A1A1C417, A1A1A1C421
P--H-- A394M	5910-893-6745	CAPACITOR, FIXED, CER DIELECTRIC CK05CW102K (81349)	EA	1				*	*	2	8	32	F15	A1A1A1C429
P--H-- A395M	5910-787-2109	CAPACITOR, FIXED, ELECTROLYTIC SAME AS A171M	EA	2				REF	REF	REF			F15	A1A1A1C424, A1A1A1C427
P--H-- A395A	5910-068-4298	CAPACITOR, FIXED, ELECTROLYTIC SAME AS A171A	EA	2				REF	REF	REF			F15	A1A1A1C424, A1A1A1C427
P--H-- A397M	5910-880-5430	CAPACITOR, FIXED, ELECTROLYTIC CS13BE225K (81349)	EA	1				*	*	2	8	12	F15	A1A1A1C445
P--H-- A398M	5910-880-7240	CAPACITOR, FIXED, ELECTROLYTIC CS13BB685K (81349)	EA	2				*	*	2	8	24	F15	A1A1A1C425, A1A1A1C446
P--H-- A399M	5910-880-5432	CAPACITOR, FIXED, ELECTROLYTIC CS13BC227K (81349)	EA	1				*	*	2	8	12	F15	A1A1A1C430
P--H-- A400	5820-945-4316	PRINTED CKT BD, IF-AUDIO UNIT 1540978 (05869)	EA	1				*	*	2	8	2	F15	A1A1A1TB1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- A400A	5820-139-4889	PRINTED CKT BD, IF-AUDIO UNIT 1596575 (05869)	EA	1				*	*	2	8	2	F15	A1A1A1TB1
MD-H-- A401		BOARD, COPPER CLAD 1540978-099 (05869)	EA	1									F15	A1A1A1TB1MP1
X1-H-- A402M		TERMINAL, STUD SAME AS A320	EA	19				REF	REF	REF			F15	A1A1A1TB1E1 THRU A1A1A1TB1E19
P--H-- A403A	5950-921-3418	COIL, RADIO FREQUENCY SAME AS A335A	EA	6				REF	REF	REF			F15	A1A1A1L401 THRU A1A1A1L405, A1A1A1L410
P--H-- A409		INK, MARKING SAME AS A291	EA	1				REF	REF	REF			F15	A1A1A1MP2
P--H-- A410		INSULATION, SLEEVING SAME AS A221	EA	5				REF	REF	REF			F15	A1A1A1MP3 THRU A1A1A1MP7
P--H-- A410A		INSULATION, SLEEVING, ELECTRICAL 20AWG4201THINPTFE (75037)	EA	5	2			*	*	2	8	15	F15	A1A1A1MP3 THRU A1A1A1MP7
P--H-- A415	5970-109-8182	INSULATOR 180-401 (82768)	EA	1				*	*	2	8	4	F15	A1A1A1E1
P--H-- A415A	5945-915-1052	INSULATOR 10105 (07047)	EA	1	2			*	*	2	8	4	F15	A1A1A1E1
P--H-- A416M	5970-956-4973	INSULATOR, DISC SAME AS A337M	EA	7	1,2			REF	REF	REF			F15	A1A1A1E2 THRU A1A1A1E8
P--H-- A422A	5945-721-3805	RELAY, ARMATURE SX2193 (70309)	EA	3	1,2			*	*	2	8	45	F15	A1A1A1K401 THRU A1A1A1K403
P--H-- A424M	5905-683-2238	RESISTOR, FIXED, COMPOSITION SAME AS A344M	EA	1				REF	REF	REF			F15	A1A1A1R418
P--H-- A424A	5905-734-1003	RESISTOR, FIXED, COMPOSITION SAME AS A344A	EA	1	2			REF	REF	REF			F15	A1A1A1R418
P--H-- A425M	5905-683-2241	RESISTOR, FIXED, COMPOSITION SAME AS A349M	EA	2				REF	REF	REF			F15	A1A1A1R401, A1A1A1R413
P--H-- A425A	5905-764-2186	RESISTOR, FIXED, COMPOSITION SAME AS A349A	EA	2	2			REF	REF	REF			F15	A1A1A1R401, A1A1A1R413
P--H-- A427M	5905-683-2720	RESISTOR, FIXED, COMPOSITION SAME AS A233	EA	1				REF	REF	REF			F15	A1A1A1R406
P--H-- A427A	5905-764-2479	RESISTOR, FIXED, COMPOSITION SAME AS A233A	EA	1	2			REF	REF	REF			F15	A1A1A1R406
P--H-- A428M	5905-686-3129	RESISTOR, FIXED, COMPOSITION RC07GF104J (81349)	EA	1				*	*	2	8	10	F15	A1A1A1R412
P--H-- A428A	5905-110-0388	RESISTOR, FIXED, COMPOSITION RCR07G104JM (81349)	EA	1	2			*	*	2	8	10	F15	A1A1A1R412
P--H-- A429M	5905-681-6462	RESISTOR, FIXED, COMPOSITION SAME AS A236	EA	2				REF	REF	REF			F15	A1A1A1R402, A1A1A1R416
P--H-- A429A	5905-734-0804	RESISTOR, FIXED, COMPOSITION SAME AS A236A	EA	2	2			REF	REF	REF			F15	A1A1A1R402, A1A1A1R416
P--H-- A431M	5905-723-5251	RESISTOR, FIXED, COMPOSITION RC07GF222J (81349)	EA	1				*	*	2	8	30	F15	A1A1A1R410
P--H-- A431A	5905-728-6139	RESISTOR, FIXED, COMPOSITION RCR07G222JM (81349)	EA	1	2			*	*	2	8	30	F15	A1A1A1R410
P--H-- A432M	5905-682-4097	RESISTOR, FIXED, COMPOSITION SAME AS A354M	EA	3				REF	REF	REF			F15	A1A1A1R411, A1A1A1R423, A1A1A1R424
P--H-- A432A	5905-764-2776	RESISTOR, FIXED, COMPOSITION SAME AS A354A	EA	3	2			REF	REF	REF			F15	A1A1A1R411, A1A1A1R423, A1A1A1R424

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- A433M	5905-681-9969	RESISTOR, FIXED, COMPOSITION RC07GF332J (81349)	EA	1				"	"	2	8	20	F15	A1A1A1R420
P--H-- A433A	5905-734-1036	RESISTOR, FIXED, COMPOSITION RCR07G332JM (81349)	EA	1	2			"	"	2	8	20	F15	A1A1A1R420
P--H-- A434M	5905-683-7721	RESISTOR, FIXED, COMPOSITION SAME AS A239	EA	1				REF	REF	REF			F15	A1A1A1R409
P--H-- A434A	5905-764-2180	RESISTOR, FIXED, COMPOSITION SAME AS A239A	EA	1	2			REF	REF	REF			F15	A1A1A1R409
P--H-- A435M	5905-683-2242	RESISTOR, FIXED, COMPOSITION SAME AS A359M	EA	1				REF	REF	REF			F15	A1A1A1R421
P--H-- A435A	5905-734-1045	RESISTOR, FIXED, COMPOSITION SAME AS A359A	EA	1	2			REF	REF	REF			F15	A1A1A1R421
P--H-- A436M	5905-683-2235	RESISTOR, FIXED, COMPOSITION SAME AS A360M	EA	2				REF	REF	REF			F15	A1A1A1R407, A1A1A1R414
P--H-- A436A	5905-763-4058	RESISTOR, FIXED, COMPOSITION SAME AS A360A	EA	2	2			REF	REF	REF			F15	A1A1A1R407, A1A1A1R414
P--H-- A437M	5905-801-2377	RESISTOR, FIXED, COMPOSITION RC07GF750J (81349)	EA	1				"	"	2	8	10	F15	A1A1A1R404
P--H-- A437A	5905-772-9398	RESISTOR, FIXED, COMPOSITION RCR07G750JM (81349)	EA	1	2			"	"	2	8	10	F15	A1A1A1R404
P--H-- A438M	5905-682-4109	RESISTOR, FIXED, COMPOSITION RC07GF561J (81349)	EA	1				"	"	2	8	10	F15	A1A1A1R417
P--H-- A438A	5905-764-2481	RESISTOR, FIXED, COMPOSITION RCR07G561JM (81349)	EA	1	2			"	"	2	8	10	F15	A1A1A1R417
P--H-- A439A	5905-141-1132	RESISTOR, FIXED, COMPOSITION RC07GF752J (81349)	EA	1				"	"	2	8	20	F15	A1A1A1R422
P--H-- A439B	5905-141-1132	RESISTOR, FIXED, COMPOSITION RCR07G752JM (81349)	EA	1	2			"	"	2	8	20	F15	A1A1A1R422
P--H-- A440M	5905-687-0000	RESISTOR, FIXED, COMPOSITION SAME AS A249	EA	1				REF	REF	REF			F15	A1A1A1R419
P--H-- A440A	5905-773-1868	RESISTOR, FIXED, COMPOSITION SAME AS A249A	EA	1	2			REF	REF	REF			F15	A1A1A1R419
P--H-- A441M	5905-686-3119	RESISTOR, FIXED, COMPOSITION RC07GF132J (81349)	EA	1				"	"	2	8	20	F15	A1A1A1R447
P--H-- A441A	5905-739-5004	RESISTOR, FIXED, COMPOSITION RCR07G132JM (81349)	EA	1	2			"	"	2	8	20	F15	A1A1A1R447
P--H-- A442M	5905-682-4083	RESISTOR, FIXED, COMPOSITION RC07GF111J (81349)	EA	1				"	"	2	8	10	F15	A1A1A1R403
P--H-- A442A	5905-889-1706	RESISTOR, FIXED, COMPOSITION RCR07G111JM (81349)	EA	1	2			"	"	2	8	10	F15	A1A1A1R403
P--H-- A443M	5905-682-4108	RESISTOR, FIXED, COMPOSITION RC07GF241J (81349)	EA	1				"	"	2	8	20	F15	A1A1A1R408
P--H-- A443A	5905-764-2472	RESISTOR, FIXED, COMPOSITION RCR07G241JM (81349)	EA	1	2			"	"	2	8	20	F15	A1A1A1R408
P--H-- A444M	5905-686-3122	RESISTOR, FIXED, COMPOSITION RC07GF301J (81349)	EA	1				"	"	2	8	20	F15	A1A1A1R405
P--H-- A444A	5905-764-2775	RESISTOR, FIXED, COMPOSITION RCR07G301JM (81349)	EA	1	2			"	"	2	8	20	F15	A1A1A1R405
P--H-- A445M	5905-400-1702	RESISTOR, VARIABLE 3290P1-103 (80294)	EA	1	1,2			"	"	2	8	12	F15	A1A1A1R415
P--H-- A446M	5961-944-4663	TRANSISTOR 2N3338 (13715)	EA	2	1,2			"	"	2	8	20	F15	A1A1A1Q402, A1A1A1Q403

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- A448M	5961-879-3089	TRANSISTOR SAME AS A259A	EA	2				REF	REF	REF			F15	A1A1A1Q404, A1A1A1Q405
P--H-- A450A	5961-951-8757	TRANSISTOR JAN2N2222A (81349)	EA	1				"	"	2	8	10	F15	A1A1A1Q401
P--H-- A451M	5961-646-4611	SEMICONDUCTOR DEVICE, DIODE SAME AS A366M	EA	5				REF	REF	REF			F15	A1A1A1CR401 THRU A1A1A1CR405
P--H-- A456A	5950-977-7703	TRANSFORMER, AUDIO FREQUENCY 3222 (21645)	EA	1				"	"	2	8	10	F15	A1A1A1T405
P--H-- A457M	5950-944-4651	TRANSFORMER, RADIO FREQUENCY 10620 (03550)	EA	1				"	"	2	8	10	F15	A1A1A1T401
P--H-- A457A	5950-177-5778	TRANSFORMER, RADIO FREQUENCY 15947 (03550)	EA	1				"	"	2	8	10	F15	A1A1A1T401
P--H-- A458M	5950-944-4650	TRANSFORMER, RADIO FREQUENCY 10621 (03550)	EA	1				"	"	2	8	10	F15	A1A1A1T402
P--H-- A458A	5950-477-5777	TRANSFORMER, RADIO FREQUENCY 15948 (03550)	EA	1				"	"	2	8	10	F15	A1A1A1T402
P--H-- A459M	5950-044-4652	TRANSFORMER, RADIO FREQUENCY 10622 (03550)	EA	1				"	"	2	8	10	F15	A1A1A1T403
P--H-- A459A	5950-477-5774	TRANSFORMER, RADIO FREQUENCY 15949 (03550)	EA	1				"	"	2	8	10	F15	A1A1A1T403
P--H-- A460M	5950-944-4644	TRANSFORMER, RADIO FREQUENCY 10623 (03550)	EA	1				"	"	2	8	10	F15	A1A1A1T404
P--H-- A460A	5950-977-5780	TRANSFORMER, RADIO FREQUENCY 15950 (03550)	EA	1				"	"	2	8	10	F15	A1A1A1T404
P--H-- A461M	5961-859-5177	TRANSISTOR PT835 (01281)	PR	1				"	"	2	8	10	F15	A1A1A1Q406, A1A1A1Q407
P--H-- A463	5935-937-8297	CONNECTOR, RECP, ELECTRICAL 14-32-26 (23086)	EA	2				"	"	2	8	50	F13	A1A1J401, A1A1J402
P--H-- A463A	5935-477-5827	CONNECTOR, RECP, ELECTRICAL 202-2A (16179)	EA	2				"	"	2	8	50	F13	A1A1J401, A1A1J402
MD--H-- A465M		COVER, LOWER 1540970 (05869)	EA	1									F11	A1A1MP1
MD--H-- A466M		COVER, UPPER 1540972 (05869)	EA	1									F11	A1A1MP2
P--H-- A467M	5305-998-0347	SCREW, SELF-LOCKING LP57D62S32-SPL (03038)	EA	4				"	2	2	12	75	F11	A1A1MP2H4
A--H--S A468		FILTER ASSY, IF-AUDIO UNIT 1540973 (05869)	EA	1				"	"	2	8		F11	A1A1A3
A--H--S A468A		FILTER ASSY, IF-AUDIO UNIT 1596481 (05869)	EA	1				"	"	2	8		F11	A1A1A3
P--H-- A468B	5305-550-5002	SCREW, MACHINE SAME AS A125M	EA	2				REF	REF	REF			F11	A1A1A3H2
P--H-- A468C	5305-054-5647	SCREW, MACHINE MS51957-13 (96906)	EA	2				"	2	2	12	330	F11	A1A1A3H2
MD--H-- A469M		BRACKET, CAP-IF/AUDIO UNIT 1540974 (05869)	EA	1									F12	A1A1A3MP1
P--H-- A470M	5910-897-6221	CAPACITOR, FIXED, CER, DIELECTRIC F5H102W (01121)	EA	8				"	"	2	8	64	F12	A1A1A3C401 THRU A1A1A3C408
P--H-- A478	5915-944-4834	FILTER, BANDPASS 996572-001 (73293)	EA	1				"	"	2	8	10	F12	A1A1FL401
P--H-- A478A	5915-478-4373	FILTER, BANDPASS 4B44 (00136)	EA	1				"	"	2	8	10	F12	A1A1FL401

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--H-- A479	5305-054-6650	SCREW, MACHINE SAME AS A164	EA	4				REF	REF	REF			F11	A1A1FL401H4	
P--H-- A479A	5305-054-6651	SCREW, MACHINE MS51957-27 (96906)	2	EA	4				**	2	2	12	180	F11	A1A1FL401H4
P--H-- A480	5940-159-1562	TERMINAL, LUG A86G (59730)	EA	2				**	2	2	12	40	40	F11	A1A1FL401E1
P--H-- A480A	5940-201-2849	TERMINAL, LUG MS20659-2 (96906)	2	EA	2			**	2	2	12	40	40	F11	A1A1FL401H2
P--H-- A480B	5310-638-9857	WASHER, FLAT AN960C6L (81349)	2	EA	2			**	2	2	12	100	100	F11	A1A1FL401H2
P--H-- A481	5310-043-1754	WASHER, LOCK MS35337-79 (96906)	EA	4				**	2	2	12	80	80	F11	A1A1FL401H4
P--H-- A481A	5310-929-6395	WASHER, LOCK MS35338-136 (96906)	2	EA	4			**	2	2	12	80	80	F11	A1A1FL401H4
P--H-- A482M	5325-174-5317	GROMMET, RUBBER MS35489-4 (96906)	1,2	EA	1			**	**	2	10	30	30	F11	A1A1MP3
P--H-- A483M	5325-286-6047	GROMMET, RUBBER MS35489-1 (96906)	1,2	EA	1			**	**	2	10	20	20	F13	A1A1MP4
P--H-- A484M		INSULATION, SLEEVING 995057-029 (09795)	1,2	EA	2									F13	A1A1MP5, A1A1MP9
MD--H-- A486		NAMEPLATE 1549011-002 (05869)	EA	1										F11	A1A1MP6
MD--H-- A486A		NAMEPLATE 1596480-007 (05869)	2	EA	1									F11	A1A1MP6
P--H-- A487	5905-683-7723	RESISTOR, FIXED, COMPOSITION RC07GF152J (81349)	EA	1				**	**	2	8	10	10	F11	A1A1R448
P--H-- A487A	5905-734-1021	RESISTOR, FIXED, COMPOSITION RCR07G152JM (81349)	2	EA	1			**	**	2	8	10	10	F11	A1A1R448
P--H-- A488M		TAPE, LACING MIL-T-713 WHITE TY-P CL2 (81349)	RL	1				**	**	**	5			F13	A1A1MP7
P--H-- A488A		TAPE, LACING MIL-T-43435 3TYPE1 FIN-BC(81349)	2	RL	1			**	**	**	5			F13	A1A1MP7
P--H-- A489M	5740-168-7672	TERMINAL, LUG 330838 (00779)	1,2	EA	10			**	2	2	12	740	740	F13	A1A1E1 THRU A1A1E10
P--H-- A499M		TUBING, EXPANDED SAME AS A283M	1,2	EA	4			REF	REF	REF				F13	A1A1MP8, A1A1MP10 THRU A1A1MP12
MD--H-- A503		NAMEPLATE 1567588 (05869)	EA	1										F7	A1MP1
MD--H-- A503A		NAMEPLATE 1596619 (05869)	2	EA	1									F7	A1MP1
P--H-- A504	5305-175-3227	SCREW, DRIVE AN535-0-3 (81349)	EA	2				**	2	2	12	30	30	F7	A1MP1H2
P--H-- A504A	5305-253-5607	SCREW, DRIVE MS21318-8 (96906)	2	EA	2			**	2	2	12	30	30	F7	A1MP1H2
A--F--S A505	5820-054-9355	PANEL AND CHASSIS ASSEMBLY 1550161-100 (05869)	EA	1										F7	A1A2
A--F--S A505A		PANEL AND CHASSIS ASSEMBLY 1550161-101 (05869)	2	EA	1									F7	A1A2
P--F-- A505B		SCREW, SELF-LOCKING AS256-3A6N (08714)	2	EA	1	**	2	2	**	**	2	12	15	F8	A1A2H1
P--H-- A506	5740-228-2302	BARRIER, TERMINAL 411H10 (75382)	EA	1				**	**	**	5	15	15	F17	A1A2E1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--H-- A506A	5940-926-2478	TERMINAL BOARD 411JJ10 (75382)	2	EA	1				**	**	2	8	15	F17	A1A2E1
P--H-- A507M		SCREW, MACHINE SAME AS A152	1,2	EA	2				REF	REF	REF			F17	A1A2E1H2
P--H-- A507A	5310-933-8118	WASHER, LOCK MS35338-135 (96906)	2	EA	2				**	2	2	12	80	F17	A1A2E1H2
P--H-- A508M	5310-723-9676	WASHER, FLAT SAME AS A127M	1,2	EA	2				REF	REF	REF			F17	A1A2E1H2
P--H-- A509		BARRIER, TERMINAL 411H8 (75382)		EA	1				**	**	**	5	15	F17	A1A2E2
P--H-- A510M		SCREW, MACHINE SAME AS A152	1,2	EA	2				REF	REF	REF			F17	A1A2E2H2
P--H-- A510A	5310-933-8118	WASHER, LOCK SAME AS A507A	2	EA	2				REF	REF	REF			F17	A1A2E2H2
P--H-- A511M	5310-723-9676	WASHER, FLAT SAME AS A127M	1,2	EA	2				REF	REF	REF			F17	A1A2E2H2
A--H-S A512		CHASSIS, RECEIVER-TRANSMITTER 1540906 (05869)		EA	1									F17	A1A2A1
A--H-S A512A		CHASSIS, RECEIVER-TRANSMITTER 1596202 (05869)	2	EA	1									F17	A1A2A1
P--H-- A513M	5305-946-2393	SCREW, CAPTIVATED PR429-1 (05046)	1,2	EA	7				**	2	2	12	105	F17	A1A2A1H7
P--H-- A514M		SCREW, CAPTIVATED PR429-2 (05046)	1,2	EA	2				**	2	2	12	30	F17	A1A2A1H2
P--H-- A515M		SCREW, CAPTIVATED PR429-3 (05046)	1,2	EA	1				**	**	2	12	15	F17	A1A2A1H1
P--H-- A516		INK, MARKING SAME AS A291		EA	1				REF	REF	REF			F17	A1A2A1MP1
P--H-- A517M	5310-839-8767	NUT, SELF-LOCKING, CLINCH 22NCFMA2-40 (72962)		EA	1				**	**	2	8	15	F17	A1A2A1MP2
P--H-- A517A	5310-839-8767	NUT, SELF-LOCKING, CLINCH SAME AS A517M	2	EA	2									F16	A1A2A1MP2, A1A2A1MP44
P--H-- A518	5310-957-9002	NUT, SELF-LOCKING, CLINCH NAS1068C06LM (80205)		EA	4				**	**	2	8	75	F16	A1A2A1MP3, A1A2A1MP11, A1A2A1MP12, A1A2A1MP13
P--H-- A518A	5310-781-9493	NUT, SELF-LOCKING, PLATE MS21075L06 (96906)	2	EA	4				**	**	2	8	60	F16	A1A2A1MP3, A1A2A1MP11, A1A2A1MP12, A1A2A1MP13
P--H-- A518B	5320-117-6937	RIVET, SOLID MS20426AD3-3 (96906)	2	EA	8				**	2	2	12	120	F16	A1A2A1MP3H2, A1A2A1MP11H2, A1A2A1MP12H2, A1A2A1MP13H2
P--H-- A522M		NUT, STAND OFF S05440-4 (46384)	1,2	EA	10				**	**	2	8	210	F16	A1A2A1MP4, A1A2A1MP14 THRU A1A2A1MP22
P--H-- A532M		NUT, STAND OFF S05632-16	1,2	EA	8				**	**	2	8	120	F16	A1A2A1MP5, A1A2A1MP23 THRU A1A2A1MP29
MD-H-- A540		PANEL 1540906-097 (05869)		EA	1									F17	A1A2A1MP6
MD-H-- A541		PANEL 1540906-098 (05869)		EA	1									F16	A1A2A1MP7
MD-H-- A542		PANEL 1540906-099 (05869)		EA	1									F17	A1A2A1MP8

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- A543M	5325-903-1512	RETAINER, FASTENER P52-632 (73197)	EA	10				**	**	**	5	60	F17	A1A2A1MP9, A1A2A1MP30 THRU A1A2A1MP38
P--H-- A553M	5307-967-8040	STUD, CAPTIVE FH632-6 (46384)	EA	6				**	**	**	5	30	F17	A1A2A1MP10, A1A2A1MP39 THRU A1A2A1MP43
P--H-- A559M	5940-784-4989	TERMINAL, STUD RSTSM23TUR (98291)	EA	7				**	**	**	4	21	F17	A1A2A1E1, A1A2A1E3, A1A2A1E4, A1A2A1E7, A1A2A1E9, A1A2A1E11, A1A2A1E13
P--H-- A566M	5440-657-5712	TERMINAL, STUD 1208B2 (88245)	EA	3				**	**	**	4	9	F17	A1A2A1E2, A1A2A1E4, A1A2A1E6
P--H-- A569M		CLAMP, LOOP 1-4-4 (95987)	EA	2				**	**	2	8	30	F17	A1A2MP2, A1A2MP7
P--H-- A571	5310-275-2005	NUT, SELF-LOCKING MS20364-632C (96906)	EA	2				**	**	2	8	105	F17	A1A2MP2H2
P--H-- A572	5310-531-9514	WASHER, FLAT AN960C6 (81349)	EA	2				**	2	2	12	280	F17	A1A2MP2H2
P--H-- A573M		CLAMP, LOOP 1-8-4 (95987)	EA	1				**	**	2	8	15	F17	A1A2MP3
P--H-- A574M	5310-275-2005	NUT, SELF-LOCKING SAME AS A571	EA	1				REF	REF	REF			F17	A1A2MP3H1
P--H-- A575M	5310-531-9514	WASHER, FLAT SAME AS A572	EA	1				REF	REF	REF			F17	A1A2MP3H1
P--H-- A576M	5340955-5388	CLAMP, LOOP 3-16-4 (95987)	EA	3				**	**	2	8	45	F17	A1A2MP4, A1A2MP8, A1A2MP9
P--H-- A579M	5310-275-2005	NUT, SELF-LOCKING SAME AS A571	EA	3				REF	REF	REF			F17	A1A2MP4H3
P--H-- A580M	5310-531-9514	WASHER, FLAT SAME AS A572	EA	3				REF	REF	REF			F17	A1A2MP4H3
A--H--S A581M		GAIN CONTROL, RECEIVER-XMTR 1540907 (05869)	EA	1									F17	A1A2A3
A--H--S A581A		GAIN CONTROL, RECEIVER-XMTR 1596379 (05869)	EA	1									F17	A1A2A3
P--H-- A582M	5970-503-6135	INSULATOR 1540905 (05869)	EA	4				**	**	2	8	8	F17	A1A2A3E1
P--H-- A583M	5305-806-2363	SCREW, MACHINE 1020-4-4 (26365)	EA	3				**	2	2	12	45	F17	A1A2A3H3
P--H-- A583A	5305-550-5002	SCREW, MACHINE SAME AS A125M	EA	1				REF	REF	REF			F17	A1A2A3H1
P--H-- A584M	5310-723-9676	WASHER, FLAT SAME AS A127M	EA	4				REF	REF	REF			F17	A1A2A3H4
P--H-- A585A		CAPACITOR, FIXED, CER, DIELECTRIC SAME AS 307A	EA	3				REF	REF	REF			F18	A1A2A3C210, A1A2A3C211, A1A2A3C213
P--H-- A587M	5910-945-0006	CAPACITOR, FXD, MICA DIELECTRIC CD10C331J03 (93790)	EA	1				**	**	2	8	24	F18	A1A2A3C212
P--H-- A587A		CAPACITOR, FIXED, CER, DIELECTRIC C18C331K (16546)	EA	1				**	**	2	8	8	F18	A1A2A3C212

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
-H-- 588M	5910-880-4163	CAPACITOR, FIXED, ELECTROLYTIC CS13BC107K (81349)	EA	1				"	"	2	8	12	F18	A1A2A3C209
P--H-- A589M	5820-945-4318	PRINTED CKT BD, GAIN CONTROL 1540908 (05869)	EA	1				"	"	2	8	2	F18	A1A2A3TB1
P--H-- A589A	5820-139-4858	PRINTED CKT BD, GAIN CONTROL 1596570 (05869)	EA	1	2			"	"	2	8	2	F18	A1A2A3TB1
MD-H-- A590		BOARD 1540908-099 (05869)	EA	1									F18	A1A2A3TB1MP1
X1-H-- A591M		EYELET, METALLIC SE53 (61957)	EA	1	1,2			"	"	2	12	2	F18	A1A2A3TB1MP2
X1-H-- A592M		TERMINAL, STUD SAME AS A320	EA	8	1,2								F18	A1A2A3TB1E1 THRU A1A2A3TB1E8
P--H-- A600M	5961-226-1755	INSULATOR, TRANSISTOR 10194DAP (07047)	EA	4	1,2			"	"	2	8	48	F18	A1A2A3E2 THRU A1A2A3E5
P--H-- A604M	5905-984-3915	RESISTOR, VARIABLE 3300P1-202 (80294)	EA	2	1,2			"	"	2	8	24	F18	A1A2A3R206, A1A2A3R210
P--H-- A606M	5905-739-0763	RESISTOR, THERMAL TM1-4-1-BKPORM5PCT (96214)	EA	2	1,2			"	"	2	8	12	F18	A1A2A3R208, A1A2A3R209
P--H-- A608M	5905-681-6462	RESISTOR, FIXED, COMPOSITION SAME AS A236	EA	1				REF	REF	REF			F18	A1A2A3R212
P--H-- A608A	5905-734-0804	RESISTOR, FIXED, COMPOSITION SAME AS A236A	EA	1	2			REF	REF	REF			F18	A1A2A3R212
P--H-- A609M	5905-723-5251	RESISTOR, FIXED, COMPOSITION SAME AS A431M	EA	2				REF	REF	REF			F18	A1A2A3R207, A1A2A3R211
P--H-- A609A	5905-728-6139	RESISTOR, FIXED, COMPOSITION SAME AS A431A	EA	2				REF	REF	REF			F18	A1A2A3R207, A1A2A3R211
-H-- 611M	5905-682-4097	RESISTOR, FIXED, COMPOSITION SAME AS A354M	EA	2				REF	REF	REF			F18	A1A2A3R204, A1A2A3R205
P--H-- A611A	5905-764-2776	RESISTOR, FIXED, COMPOSITION SAME AS A354A	EA	2				REF	REF	REF			F18	A1A2A3R204, A1A2A3R205
P--H-- A613M	5905-687-0002	RESISTOR, FIXED, COMPOSITION RC07GF223J (81349)	EA	1				"	"	2	8	30	F18	A1A2A3R213
P--H-- A613A	5905-728-6141	RESISTOR, FIXED, COMPOSITION RCR07G223JM (81349)	EA	1	2			"	"	2	8	30	F18	A1A2A3R213
P--H-- A614M	5905-686-3369	RESISTOR, FIXED, COMPOSITION RC07GF331J (81349)	EA	1				"	"	2	8	10	F18	A1A2A3R215
P--H-- A614A	5905-728-6151	RESISTOR, FIXED, COMPOSITION RCR07GF331JM (81349)	EA	1	2			"	"	2	8	10	F18	A1A2A3R215
P--H-- A615M	5905-683-2246	RESISTOR, FIXED, COMPOSITION SAME AS A238	EA	2				REF	REF	REF			F18	A1A2A3R202, A1A2A3R203
P--H-- A615A	5905-776-7212	RESISTOR, FIXED, COMPOSITION SAME AS A238A	EA	2	2			REF	REF	REF			F18	A1A2A3R202, A1A2A3R203
P--H-- A617M	5905-686-3838	RESISTOR, FIXED, COMPOSITION RC07GF273J (81349)	EA	1				"	"	2	8	40	F18	A1A2A3R214
P--H-- A617A	5905-754-7892	RESISTOR, FIXED, COMPOSITION RCR07G273JM (81349)	EA	1	2			"	"	2	8	40	F18	A1A2A3R214
P--H-- A618M	5961-944-4757	TRANSISTOR SM8168-2 (04713)	EA	4	1,2			"	"	2	8	40	F18	A1A2A3Q201 THRU A1A2A3Q204
P--H-- A622M	5961-646-4611	SEMICONDUCTOR DEVICE, DIODE SAME AS A366M	EA	2	1,2			REF	REF	REF			F18	A1A2A3CR201, A1A2A3CR202
MD-H-- A624		NAMEPLATE 1559161-007 (05869)	EA	1									F16	A1A2MP5
MD-H-- A624A		NAMEPLATE 1596480-002 (05869)	EA	1	2								F16	A1A2MP5

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY BS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
A--F--S A625		FRONT PANEL ASSEMBLY (WIRED) 1559348 (05869)	EA	1									F16	A1A2A2
A--F--S A625A		FRONT PANEL ASSEMBLY (WIRED) 1596200 (05869)	EA	1									F16	A1A2A2
P--F-- A627M	5305-639-0057	SCREW, MACHINE AN507C632R6 (81349)	EA	4	**	2	2	**	2	2	12	60	F16	A1A2A2H4
P--F-- A628	5305-543-2782	SCREW, MACHINE MS35233-41 (96906)	EA	2	**	2	2	**	2	2	12	30	F16	A1A2A2H2
P--F-- A628A	5305-054-6667	SCREW, MACHINE MS51957-42 (96906)	EA	4	**	2	2	**	2	2	12	75	F17	A1A2A2H5
P--F-- A629A	5310-069-5291	WASHER, FLAT NAS620C8 (80205)	EA	5	**	2	2	**	2	2	12	100	F17	A1A2A2H5
P--F-- A630	5310-543-5933	WASHER, FLAT MS35333-73 (96906)	EA	2	**	2	2	**	2	2	12	30	F17	A1A2A2H2
MD--H-- A630A		BLOCK, COUPLER 996924-001 (19036)	EA	2									F19	A1A2A2MP17, A1A2A2MP18
P--H-- A630B	5315-811-3439	PIN, SPRING CS-1 (00141)	EA	2				**	**	**	5	40	F19	A1A2A2MP17H1, A1A2A2MP18H1
MD--H-- A630F		COUPLER, SHAFT, BAND SWITCH 1559405 (05869)	EA	1									F20	A1A2A2MP19
P--H-- A630G	5315-879-5701	PIN, SPRING CS-2 (00141)	EA	1				**	**	**	5	4	F20	A1A2A2MP19H1
P--H-- A631M		DRIVER, ASSEMBLY 1557789 (05869)	EA	1				**	**	**	5	2	F20	A1A2A2A13
P--H-- A631A		BEARING, THRUST 1540917-001 (05869)	EA	2				**	**	**	5	184	F20	A1A2A2A13H2
P--H-- A631B		BEARING, THRUST 1540917-002 (05869)	EA	1				**	**	**	5	88	F20	A1A2A2A13H1
P--H-- A631C	5340-298-6564	RING, RETAINING MS16624-4025 (96906)	EA	1				**	**	2	5	80	F20	A1A2A2A13H1
P--H-- A631E	5310-764-9564	WASHER, FLAT NAS620C416L (80205)	EA	1				**	2	2	12	480	F20	A1A2A2A13H1
MD--H-- A632M		BLOCK COUPLER SAME AS A630A	EA	1									F22	A1A2A2A13MP1
P--H-- A632A	5315-811-3439	PIN, SPRING SAME AS A630B	EA	1				REF	REF	REF			F22	A1A2A2A13MP1H1
P--H-- A634M	5355-878-5828	DIAL, INDICATING 1557784 (05869)	EA	1				**	**	**	5	8	F22	A1A2A2A13DS1
P--H-- A634A	5320-117-6929	RIVET, SOLID MS20426AD2-4	EA	1				**	2	2	12	60	F22	A1A2A2A13DS1H2
P--H-- A635M		DRIVER, BAND SWITCH 1557782 (05869)	EA	1				**	2	2	12	2	F22	A1A2A2A13G1
P--H-- A640M	5330-559-1291	PACKING, O RING AN6227-2 (81349)	EA	2				**	**	**	5	60	F22	A1A2A2A13MP2, A1A2A2A13MP5
X1--H-- A643M		SHAFT, CONTROL, MHZ 1557783 (05869)	EA	1				**	**	**	4	2	F22	A1A2A2A13MP4
P--H-- A643A		BEARING, THRUST SAME AS A631B	EA	1				REF	REF	REF			F22	A1A2A2A13MP6
P--H-- A644M		IDLER ASSEMBLY 1557788 (05869)	EA	1				**	**	**	5		F20	A1A2A2A14
P--H-- A645M	5305-964-3137	SCREW, CAP, SOCKET HEAD NAS1352C08-6 (80205)	EA	1				**	2	2	12	15	F20	A1A2A2A14H1
P--H-- A645A	5310-809-8546	WASHER, FLAT SAME AS A126M (96906)	EA	1				REF	REF	REF			F20	A1A2A2A14H1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
H-- J46M	5310-543-2739	WASHER, LOCK MS35333-72 (96906)	1,2	EA	1				*	2	2	12	20	F20	A1A2A2A14H1
P--H-- A647M	5310-989-0640	WASHER, FLAT NAS620C10 (80205)	1,2	EA	1				*	2	2	12	20	F20	A1A2A2A14H1
P--H-- A648M		ADHESIVE-SEALANT, EPOXY TYPE 3135 RESIN 7111 (04622)	1,2	PT	1				*	2	2	12	2	F22	A1A2A2A14MP1
P--H-- A649M		BEARING, THRUST SAME ASA631A	1,2	EA	3				REF	REF	REF			F22	A1A2A2A14MP2, A1A2A2A14MP9, A1A2A2A14MP10
P--H-- A65M	5306-957-1042	BOLT, SHOULDER NAS1297-3-5 (80205)	1,2	EA	1				*	*	2	8	6	F22	A1A2A2A14MP3
P--H-- A651M	5820-878-7323	GEAR 1557785 (05869)	1,2	EA	1				*	*	2	8	5	F22	A1A2A2A14MP4
P--H-- A652M		IDLER, BAND SWITCH 1557781 (05869)	1,2	EA	1				*	2	2	12	2	F22	A1A2A2A14MP5
P--H-- A653M	5310-812-4292	NUT, PLAIN, HEXAGON NAS671C10 (80205)	1,2	EA	1				*	*	2	8	30	F22	A1A2A2A14MP6
MD-H-- A654M		PLATE, MOUNTING 1557780 (05869)	1,2	EA	1									F22	A1A2A2A14MP7
P--H-- A655M	5310-058-2951	WASHER, LOCK MS35337-81 (96906)	1,2	EA	1				*	*	2	8	20	F22	A1A2A2A14MP8
P--H-- A656M	5820-943-9239	SHAFT ASSEMBLY, CLARIFIER 1540936 (05869)	1,2	EA	1				*	*	*	4	2	F19	A1A2A2A1
P--H-- A656A		BEARING, THRUST SAME AS A631A	1,2	EA	2				REF	REF	REF			F19	A1A2A2A1H2
P--H-- A656B		BEARING, THRUST SAME AS A631B	1,2	EA	1				REF	REF	REF			F19	A1A2A2A1H1
--H-- J56C	5340-298-6564	RING, RETAINING SAME AS A631C	1,2	EA	1				REF	REF	REF			F19	A1A2A2A1H1
P--H-- A656E	5310-764-9564	WASHER, FLAT SAME AS A631E	1,2	EA	1				REF	REF	REF			F19	A1A2A2A1H1
X1-H-- A657M		BEARING, THRUST SAME AS A631A	1,2	EA	1				REF	REF	REF			F22	A1A2A2A1MP1
X1-H-- A658M		BLOCK, COUPLER 996924-002 (19036)	1,2	EA	1				*	*	2	8		F22	A1A2A2A1MP2
X1-H-- A658A		PIN, SPRING SAME AS A630B	1,2	EA	1				REF	REF	REF			F22	A1A2A2A1MP2H1
X1-H-- A659M		GEAR, SPUR 610915 (00141)	1,2	EA	1				*	*	2	8	5	F22	A1A2A2A1MP3
X1-H-- A659A		PIN, SPRING SAME AS A630B	1,2	EA	1				REF	REF	REF			F22	A1A2A2A1MP3H1
X1-H-- A664M		PACKING, O RING, HYDRAULIC SAME AS A640M	1,2	EA	1				REF	REF	REF			F22	A1A2A2A1MP4
X1-H-- A667M		SHAFT, CONTROL, CLARIFIER 1540937 (05869)	1,2	EA	1				*	*	*	4	2	F22	A1A2A2A1MP6
X1-H-- A668M		SHAFT, DRIVE, COUPLER-CLARIFIER 1540940 (05869)	1,2	EA	1				*	*	*	4	2	F22	A1A2A2A1MP7
X1-H-- A669M		SPRING, OPEN WOUND AY4-400FL (00141)	1,2	EA	1				*	*	2	8	10	F22	A1A2A2A1MP8
P--H-- A670M	5820-943-9164	SHAFT ASSY, CONTROL, PWR AMPL 1540942 (05869)	1,2	EA	2				*	*	*	4	4	F20	A1A2A2A2, A1A2A2A3
X1-H-- A670A		BEARING, THRUST SAME AS A631A		EA	4				REF	REF	REF			F20	A1A2A2A2H2, A1A2A2A3H2

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INGIN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
X1-H-- A670B		BEARING, THRUST SAME AS A631B	EA	2				REF	REF	REF			F20	A1A2A2A2H1, A1A2A2A3H1
X1-H-- A670C		RING, RETAINING SAME AS A631C	EA	2				REF	REF	REF			F20	A1A2A2A2H1, A1A2A2A3H1
X1-H-- A670E		WASHER, FLAT SAME AS A631E	EA	2				REF	REF	REF			F20	A1A2A2A2H1, A1A2A2A3H1
X1-H-- A670F		BEARING, THRUST SAME AS A631A	EA	2				REF	REF	REF			F20	A1A2A2A2MP1, A1A2A2A3MP1
X1-H-- A670G		BLOCK, COUPLER SAME AS A630A	EA	2									F20	A1A2A2A2MP2, A1A2A2A3MP2
X1-H-- A670H		PIN, SPRING SAME AS A630B	EA	2				REF	REF	REF			F20	A1A2A2A2MP2H1, A1A2A2A3MP2H1
X1-H-- A670I		PACKING, O RING, HYDRAULIC SAME AS A640M	EA	4				REF	REF	REF			F20	A1A2A2A2MP3, A1A2A2A2MP4, A1A2A2A3MP3, A1A2A2A3MP5
X1-H-- A670K		SHAFT, CONTROL, PWR AMPL 1540943 (05869)	EA	2				*	*	*	4	4	F20	A1A2A2A2MP5, A1A2A2A3MP4
MD-H-- A682M		BRACKET, ELECTRICAL SWITCH 1558382 (05869)	EA	1									F19	A1A2A2A4
P--H-- A684A	5305-616-6231	SCREW, MACHINE MS35233-12 (96906)	EA	2				*	2	2	12	30	F19	A1A2A2A4H2
P--H-- A684B	5940-728-9988	TERMINAL, STAND OFF, INSULATED 1490D (88245)	EA	1				*	*	*	4	3	F19	A1A2A2A4H1
MD-H-- A685		BRACKET 1558382-099 (05869)	EA	1									F19	A1A2A2A4MP1
P--H-- A686M		TERMINAL, INSULATED RSTSMITUR-P2 (98291)	EA	4				*	*	2	8	12	F21	A1A2A2A4E1 THRU A1A2A2A4E4
P--H-- A690M	5910-068-4475	CAPACITOR, FIXED, CER, DIELECTRIC CK103 (71590)	EA	8				*	*	2	8	64	F21	A1A2A2C201 THRU A1A2A2C208
P--H-- A698M		SILICONE COMPOUND MIL-S-8660 10LB (81349)	PT	1				*	*	2	12	3		A1A2A2MP4
P--H-- A699M	5935-832-6775	CONNECTOR, RECP, ELECTRICAL 164-183-1001 (02660)	EA	2				*	*	2	8	50	F19	A1A2A2J201, A1A2A2J202
MD-H-- A701M		COUPLER ASSEMBLY DISC 1540926 (05869)	EA	1				*	*	*	5	2	F19	A1A2A2A5
MD-H-- A704M		BEARING, THRUST 1540917-003 (05869)	EA	1				*	*	*	5	24	F19	A1A2A2A5H1
P--H-- A707M		SCREW, SHOULDER PR431-1 (05046)	EA	1				*	2	2	12	75	F19	A1A2A2A5H1
P--H-- A707B	5310-638-9857	WASHER, FLAT SAME AS A480B	EA	1				REF	REF	REF			F19	A1A2A2A5H1
MD-H-- A708M		COUPLER, CONTROL, PEAK NOISE 1540928 (05869)	EA	1				*	*	*	5	2	F19	A1A2A2A5MP1
MD-H-- A709M		DISC, DRIVE 1540927 (05869)	EA	1				*	*	*	4	2	F19	A1A2A2A5MP2
A--F-S A714		PANEL, FRONT, RCVR-TRANSMITTER 1540952 (05869)	EA	1									F19	A1A2A2A6
A--F-S A714A		PANEL, FRONT, RCVR-TRANSMITTER 1596201 (05869)	EA	1									F19	A1A2A2A6
P--H-- A715M		BUSHING 1540954 (05869)	EA	7				*	*	2	8	70	F23	A1A2A2A6MP1, A1A2A2A6MP8 THRU A1A2A2A6MP13

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--H-- A722M		BUSHING, SHAFT-CONT-CLARIFIER 1540953 (05869)	EA	1				"	"	2	8	10	F23	A1A2A2A6MP2	
P--H-- A723	5340-999-4963	HANDLE, BOW BPR330 (05046)	EA	2				"	"	2	8	30	F23	A1A2A2A6MP3, A1A2A2A6MP14	
P--H-- A723A		SCREW, CAP, SOCKET HEAD NAS1352C08-16 (80205)	EA	4				"	2	2	12	60	F23	A1A2A2A6MP3H2, A1A2A2A6MP14H2	
P--F-- A725	5340-947-9800	HOOK, LATCH 1540918 (05869)	EA	2	"	"	2	"	"	2	8	10	F23	A1A2A2A6MP4, A1A2A2A6MP15	
P--F-- A725A	4630-718-0118	HOOK, LATCH 1596203 (05869)	EA	2	"	"	2	"	"	2	8	10	F23	A1A2A2A6MP4, A1A2A2A6MP15	
P--F-- A725B	5305-054-6651	SCREW, MACHINE SAME AS A479A	EA	4	REF	REF	REF	REF	REF	REF			F23	A1A2A2A6MP4H2, A1A2A2A6MP15H2	
P--F-- A727	5305-639-4777	SCREW, MACHINE MS35233-27 (96906)	EA	4	"	2	2	"	2	2	12	60	F23	A1A2A2A6MP4H4	
MD-H-- A728		PANEL, FRONT, MACHINED 1540956 (05869)	EA	1										F23	A1A2A2A6A1
MD-H-- A728A		PANEL, FRONT, MACHINED 1594446 (05869)	EA	1										F23	A1A2A2A6A1
P--H-- A729	5340-297-3841	INSERT, SCREW THREAD MS122119 (96906)	EA	3				"	2	2	12	30	F24	A1A2A2A6A1MP1, A1A2A2A6A1MP5, A1A2A2A6A1MP6	
P--H-- A732		INSERT, SCREW, THREAD MS122116 (96906)	EA	3				"	2	2	12	30	F24	A1A2A2A6A1MP2, A1A2A2A6A1MP7, A1A2A2A6A1MP8	
P--H-- A735	5340-817-1161	INSERT, SCREW THREAD MS122138 (96906)	EA	4				"	2	2	12	40	F23	A1A2A2A6A1MP3, A1A2A2A6A1MP9 THRU A1A2A2A6A1MP11	
P--H-- A738A	5340-815-4930	INSERT, SCREW THREAD MS21209C0615 (96906)	EA	4				"	2	2	12	40	F23	A1A2A2A6A1MP12 THRU A1A2A2A6A1MP15	
P--H-- A73-F	5340-815-4929	INSERT, SCREW THREAD MS21209C0815 (96906)	EA	9				"	2	2	12	90	F24	A1A2A2A5A1MP16 THRU A1A2A2A6A1MP18, A1A2A2A6A1MP22 THRU A1A2A2A5A1MP24, A1A2A2A6A1MP29 THRU A1A2A2A6A1MP31	
P--H-- A738D	5340-631-7894	INSERT, SCREW THREAD MS21209C0415 (96906)	EA	1				"	2	2	12	10	F24	A1A2A2A6A1MP25	
P--H-- A738Q	5340-597-3302	INSERT, SCREW THREAD MS21208F1-15 (96906)	EA	3				"	2	2	12	30	F24	A1A2A2A6A1MP26 THRU A1A2A2A6A1MP28	
MD-H-- A739		PANEL, FRONT, CASTING 1540957 (05869)	EA	1										F24	A1A2A2A6A1MP4
MD-H-- A739A		PANEL, FRONT, CASTING 1594445 (05869)	EA	1										F24	A1A2A2A6A1MP4
P--H-- A744		WINDOW, DIAL 1540955 (05869)	EA	4				2	3	5	59	200	F23	A1A2A2A6MP7, A1A2A2A6MP19 THRU A1A2A2A6MP21	
P--H-- A744A		WINDOW, DIAL 1569409 (05869)	EA	4				2	3	5	59	200	F23	A1A2A2A6MP7, A1A2A2A6MP19, THRU A1A2A2A6MP21	
P--H-- A748M		GEAR, DRIVEN, BAND SWITCH 1557798 (05869)	EA	1				"	"	2	8	2	F20	A1A2A2A7	

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
ITEM SEQUENCE NUMBER	REFERENCE NUMBER & MFR. CODE	USABLE ON CODE													
P--H-- A751M		BEARING, THRUST SAME AS A704M	1,2	EA	1				REF	REF	REF		F20	A1A2A2A7H1	
P--H-- A754M		SCREW, SHOULDER SAME AS A707M	1,2	EA	1				REF	REF	REF		F20	A1A2A2A7H1	
P--H-- A754A	5310-638-9857	WASHER, FLAT SAME AS A480B	2	EA	1				REF	REF	REF		F20	A1A2A2A7H1	
P--H-- A755M		GEAR 1557798-099 (05869)	1,2	EA	1				*	*	2	8	5	F20	A1A2A2A7MP1
P--H-- A759A	5315-619-3998	PIN, SPRING MS51923-185 (96906)	1,2	EA	2				*	2	2	12	8	F20	A1A2A2A7MP2, A1A2A2A7MP3
P--H-- A761M		GEAR, SPUR 996896-004 (00141)	1,2	EA	1				*	*	2	8	5	F19	A1A2A2A8
P--H-- A764M		BEARING, THRUST SAME AS A704M	1,2	EA	1				REF	REF	REF		F19	A1A2A2A8H1	
P--H-- A767M		SCREW, SHOULDER SAME AS A707M	1,2	EA	1				REF	REF	REF		F19	A1A2A2A8H1	
P--H-- A768M	5310-809-8546	WASHER, FLAT SAME AS A126M	1,2	EA	1				REF	REF	REF		F19	A1A2A2A8H1	
P--H-- A768A	5310-638-9857	WASHER, FLAT SAME AS A480B	2	EA	1				REF	REF	REF		F19	A1A2A2A8H1	
P--H-- A773M	9150-755-7246	GREASE, AIRCRAFT MIL-G-23827 (81349)	1,2	LB	1				*	2	2	12	2		A1A2A2MP8
MD--H-- A774M		HARNES, CABLE, RCVR-TRANSMITTER 1560019 (05869)	1,2	EA	1				*	2	2	12	3	F20	A1A2A2W1
P--F-- A775M	8040-620-3809	ADHESIVE 7526 (99142)	1,2	PT	1	*	2	2	*	2	2	12	2	F25	A1A2A2W1MP1
P--F-- A775A	6145-814-1209	CABLE, RADIO FREQUENCY, COAX SAME AS A130A	1,2	EA	1	REF	REF	REF	REF	REF	REF		F25	A1A2A2W1W1	
P--F-- A776M		TAPE, ADHESIVE P422TEFLON1-2WIDTH (99742)	1,2	RL	1	*	2	2	*	2	2	12	3	F25	A1A2A2W1MP2
P--F-- A777A		TAPE, LACING MIL-T-43435 5TYPE1 (81349)	1,2	RL	1	*	2	2	*	2	2	12	3	F25	A1A2A2W1MP3
P--F-- A778M		TERMINAL, LUG SAME AS A153M	1,2	EA	18	REF	REF	REF	REF	REF	REF		F25	A1A2A2W1E1, A1A2A2W1E3, A1A2A2W1E5, A1A2A2W1E7, A1A2A2W1E9, A1A2A2W1E11, A1A2A2W1E13, A1A2A2W1E15, A1A2A2W1E17, A1A2A2W1E19, A1A2A2W1E21, A1A2A2W1E23, A1A2A2W1E25, A1A2A2W1E27, A1A2A2W1E29, A1A2A2W1E31, A1A2A2W1E33, A1A2A2W1E35	
P--F-- A796M		TERMINAL, LUG SAME AS A489M	1,2	EA	18	REF	REF	REF	REF	REF	REF		F25	A1A2A2W1E2, A1A2A2W1E4, A1A2A2W1E6, A1A2A2W1E8, A1A2A2W1E10, A1A2A2W1E12, A1A2A2W1E14, A1A2A2W1E16, A1A2A2W1E18, A1A2A2W1E20, A1A2A2W1E22, A1A2A2W1E24, A1A2A2W1E26, A1A2A2W1E28, A1A2A2W1E30, A1A2A2W1E32, A1A2A2W1E34, A1A2A2W1E36	

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--F-- A814M		TUBING, EXPANDED SAME AS A283M	1,2	EA	36	REF	REF	REF	REF	REF	REF			F25	A1A2A2W1MP4 THRU A1A2A2W1MP39
P--F-- A849		INSULATION, SLEEVING SAME AS A221		EA	2	REF	REF	REF	REF	REF	REF			F19	A1A2A2MP9, A1A2A2MP15
P--F-- A849A		TUBING, EXPANDED SAME AS A283M	2	EA	2	REF	REF	REF	REF	REF	REF			F19	A1A2A2MP9, A1A2A2MP15
P--O-- A850B	5355-944-4739	KNOB, CONTROL V24-1BLK-996939 (08730)	1,2	EA	7	"	"	2	"	"	2	8	70	F19	A1A2A2DS1 THRU A1A2A2DS7
P--O-- A850C		SCREW, SELF-LOCKING LP56D4054 (03038)	1,2	EA	6	"	2	2	"	2	2	12	135	F19	A1A2A2DS1H1 THRU A1A2A2DS6H1 A1A2A2DS7H2
MD-F-- A850Q		CLAMP, SHAFT 1540912 (05869)	1,2	EA	2	"	"	2	"	"	2	8	30		A1A2A2DS7H1
P--F-- A850R		NUT, SELF-LOCKING SAME AS A157A	1,2	EA	1	REF	REF	REF	REF	REF	REF			F20	A1A2A2DS7H1
P--O-- A850S	5355-999-9389	KNOB, CONTROL V25-1BLK-996939 (08730)	1,2	EA	2	"	"	2	"	"	2	8	20	F19	A1A2A2DS8, A1A2A2DS9
P--O-- A850T		SCREW, SELF-LOCKING SAME AS A850C	1,2	EA	2	REF	REF	REF	REF	REF	REF			F19	A1A2A2DS8H1, A1A2A2DS9H1
P--O-- A850W	5355-444-4619	KNOB, CONTROL V25-2BLK-996939 (08730)	1,2	EA	1	"	"	2	"	"	2	8	10	F20	A1A2A2DS10
P--O-- A850X		SCREW, SELF-LOCKING SAME AS A850C	1,2	EA	1	REF	REF	REF	REF	REF	REF			F20	A1A2A2DS10H1
P--F-- A851M		TAPE, LACING SAME AS A488M		RL	1	REF	REF	REF	REF	REF	REF			F19	A1A2A2MP10
P--F-- A851A		TAPE, LACING MIL-T-713BLACK TY-P CL2 (81349)	2	RL	1	"	"	2	"	"	2	8	3	F19	A1A2A2MP10
P--F-- A852A		METER, DC 951-15542 (77221)	1,2	EA	1	"	"	"	"	"	"	5	10	F19	A1A2A2M201
P--F-- A853A		PACKING, PREFORMED 2-269C267-5 (83259)	1,2	EA	1	"	"	"	"	"	"	5	4	F20	A1A2A2MP11
P--F-- A854M		PAINT, ENAMEL TT-E527 1 GAL CLR37038 (81349)	1,2	GL	1	"	2	2	"	"	2	12	2	F19	A1A2A2MP12
P--H-- A855	5940-999-4830	POST, BINDING 97-66-28 BLACK (72825)		EA	1				"	"	"	4	10	F19	A1A2A2E2
P--H-- A855A	5946-926-8162	POST, BINDING 9766-28U BLK (00629)	2	EA	1				"	"	"	4	10	F19	A1A2A2E2
P--H-- A856	5940-957-4929	POST, BINDING 97-66-28 RED (72825)		EA	1				"	"	"	4	10	F19	A1A2A2E3
P--H-- A856A		POST, BINDING 9766-28U RED (00629)	2	EA	1				"	"	"	4	2	F19	A1A2A2E3
P--H-- A857M	5905-951-7734	POTENTIOMETER, MODIFIED 1540913 (05869)	1,2	EA	1				"	"	2	8	12	F20	A1A2A2R201
P--H-- A858M	5905-682-4101	RESISTOR, FIXED, COMPOSITION SAME AS A439A		EA	1				REF	REF	REF			F21	A1A2A2R217
P--H-- A858A		RESISTOR, FIXED, COMPOSITION SAME AS A439B	2	EA	1				REF	REF	REF			F21	A1A2A2R217
P--H-- A859M	5905-988-3019	RESISTOR, FIXED, WIREWOUND RW69V120 (81349)	1,2	EA	1				"	"	2	8	20	F21	A1A2A2R216
P--H-- A860M		SEALING COMPOUND SAME AS A282M		CR	1				REF	REF	REF			F19	A1A2A2MP13
P--H-- A861M	5961-845-6458	SEMICONDUCTOR DEVICE, DIODE JAN1N756A (81349)	1,2	EA	1				"	"	"	5	10	F21	A1A2A2CR203

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--H-- A862M	5961-646-4611	SEMICONDUCTOR DEVICE, DIODE SAME AS A366M	1,2	EA	1				REF	REF	REF		F21	A1A2A2CR204	
P--H-- A863M	5820-943-9240	SHAFT ASSEMBLY, PEAK NOISE CONT 1540922 (05869)	1,2	EA	1				*	*	*	4	2	F19	A1A2A2A9
MD-H-- A863A		BEARING, THRUST SAME AS A631A	1,2	EA	2									F19	A1A2A2A9H2
MD-H-- A863B		BEARING, THRUST SAME AS A631B	1,2	EA	1									F19	A1A2A2A9H1
P--H-- A863C	5340-298-6564	RING, RETAINING SAME AS A631C	1,2	EA	1				REF	REF	REF			F19	A1A2A2A9H1
P--H-- A863E	5310-764-9564	WASHER, FLAT SAME AS A631E	1,2	EA	1				REF	REF	REF			F19	A1A2A2A9H1
MD-H-- A864M		BEARING, THRUST SAME AS A631A	1,2	EA	1									F20	A1A2A2A9MP1
P--H-- A865M	3040-138-8238	COLLAR, THRUST 1540923 (05869)	1,2	EA	1									F20	A1A2A2A9MP2
P--H-- A870M	5310-596-7981	NUT, CLINCH, FLUSH MOUNTING 79NTM82 (13257)	1,2	EA	1				*	*	2	8	15	F20	A1A2A2A9MP3
P--H-- A871M	5330-559-1291	PACKING, O RING HYDRAULIC SAME AS A640M	1,2	EA	2				REF	REF	REF			F20	A1A2A2A9MP4, A1A2A2A9MP7
P--H-- A873M		SHAFT, CONTROL-PEAK NOISE 1540924 (05869)	1,2	EA	1				*	*	*	4	2	F20	A1A2A2A9MP5
MD-H-- A874M		SPRING, HELICAL, COMPRESSION 1540925-002 (05869)	1,2	EA	1									F20	A1A2A2A9MP6
P--H-- A875M	5820-999-6634	SHAFT ASSEMBLY, FREQ CONTROL 1540950 (05869)	1,2	EA	3				*	*	*	4	6	F21	A1A2A2A10 THRU A1A2A2A12
P--H-- A875A		BEARING, THRUST SAME AS A631A	1,2	EA	2				REF	REF	REF			F21	A1A2A2A10H2, A1A2A2A11H2, A1A2A2A12H2
P--H-- A875B		BEARING, THRUST SAME AS A631B	1,2	EA	1				REF	REF	REF			F21	A1A2A2A10H1, A1A2A2A11H1, A1A2A2A12H1
P--H-- A875C	5340-298-6564	RING, RETAINING SAME AS A631C	1,2	EA	1				REF	REF	REF			F21	A1A2A2A10H1, A1A2A2A11H1, A1A2A2A12H1
P--H-- A875E	5310-764-9564	WASHER, FLAT SAME AS A631E	1,2	EA	1				REF	REF	REF			F21	A1A2A2A10H1, A1A2A2A11H1, A1A2A2A12H1
P--H-- A875F		BEARING, THRUST SAME AS A631B	1,2	EA	1				REF	REF	REF			F21	A1A2A2A10MP1, A1A2A2A11MP1, A1A2A2A12MP1
MD-H-- A875G		BLOCK, COUPLER SAME AS A630A	1,2	EA	1									F21	A1A2A2A10MP2, A1A2A2A11MP2, A1A2A2A12MP2
P--H-- A875H	5315-811-3439	PIN, SPRING SAME AS A630B	1,2	EA	1				REF	REF	REF			F21	A1A2A2A10MP2H1, A1A2A2A11MP2H1, A1A2A2A12MP2H1
P--H-- A875I	5355-944-7208	DIAL, INDICATING 1540946-001 (05869)	1,2	EA	1				*	*	*	5	24	F21	A1A2A2A10DS1, A1A2A2A11DS1, A1A2A2A12DS1
P--H-- A875J	5330-559-1291	PACKING, O RING, HYDRAULIC SAME AS A640M	1,2	EA	2				REF	REF	REF			F21	A1A2A2A10MP3, A1A2A2A10MP6, A1A2A2A11MP3, A1A2A2A11MP6, A1A2A2A12MP3, A1A2A2A12MP6
P--H-- A875L		SPACER, RING 1576456 (05869)	1,2	EA	1				*	*	*	5	15	F21	A1A2A2A10MP7, A1A2A2A11MP7, A1A2A2A12MP7

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--H-- A875N	304c-137-5063	SHAFT, CONTROL-FREQUENCY CONT 1540951 (05869)	1,2	EA	1				**	**	**	4	6	F21	A1A2A2A10MP5, A1A2A2A11MP5, A1A2A2A12MP5
P--H-- A891M	5930-878-5048	SPRING, SWITCH CALIBRATE 1540915 (05869)	1,2	EA	1				**	2	2	12	10	F19	A1A2A2MP16
P--H-- A892M	5310-891-5551	NUT, CLINCH, FLUSH MOUNTING 22NTM26 (13257)		EA	2				**	**	2	8	30	F19	A1A2A2MP16H2
P--H-- A893M	5305-579-3018	SCREW, MACHINE MS35233-8 (96906)		EA	2				**	2	2	12	30	F19	A1A2A2MP16H2
P--H-- A894	5930-583-6582	SWITCH, SENSITIVE 11SM1 (91929)		EA	1				**	2	2	12	25	F19	A1A2A2S202
P--H-- A894A	5930-646-4619	SWITCH, SENSITIVE MS25085-1 (96906)	2	EA	1				**	2	2	12	25	F19	A1A2A2S202
P--H-- A894B	5310-968-3523	NUT, SELF-LOCKING NAS1291-02 (80205)	2	EA	2				**	**	2	8	30	F19	A1A2A2S202H2
P--H-- A894C	5305-054-5642	SCREW, MACHINE MS51957-8 (96906)	2	EA	2				**	2	2	12	30	F19	A1A2A2S202H2
P--H-- A894E	5310-641-6643	SPACER, SLEEVE B706-1 (07154)	1,2	EA	2				**	**	**	5	10	F19	A1A2A2S202H2
P--H-- A894F	5310-043-4708	WASHER, FLAT NAS620C2 (80205)	2	EA	4				**	2	2	12	340	F19	A1A2A2S202H2
P--H-- A895M	5930-944-2424	SWITCH, ROTARY 238792F1 (76854)	1,2	EA	1				**	2	2	12	25	F19	A1A2A2S201
P--H-- A897M		TERMINAL, LUG SAME AS A489M		EA	1				REF	REF	REF			F19	A1A2A2E4
P--H-- A898M	5940-811-3407	TERMINAL, LUG 321288 (00779)	1,2	EA	1				**	2	2	12	20	F19	A1A2A2E5
P--F-T A899	5820-089-7880	POWER AMPLIFIER, RCVR-XMTR 1550164-100 (05869)		EA	1	2	5	10	2	2	2	107	2	F7	A1A3
P--F-T A899A	5820-140-7398	POWER AMPLIFIER, RCVR-XMTR 1550164-101 (05869)	2	EA	1	2	5	10	2	2	2	107	2	F7	A1A3
P--D-- A902M	5440-949-3097	BARRIER, TERMINAL 411JU7 (75382)	1,2	EA	1							8	15	F26	A1A3TB801
P--D-- A903M		SCREW, MACHINE SAME AS A152	1,2	EA	2									F26	A1A3TB801H2
P--D-- A904M	5310-723-9676	WASHER, FLAT SAME AS A127M	1,2	EA	2									F26	A1A3TB801H2
P--D-- A905M		TERMINAL, LUG SAME AS A153M	1,2	EA	8									F26	A1A3E2, A1A3E5 THRU A1A3E11
P--D-- A912M		BARRIER, TERMINAL 411JU1 (75382)	1,2	EA	1							8	15	F26	A1A3TB802
P--D-- A913M		SCREW, MACHINE SAME AS A152		EA	2									F26	A1A3TB802H2
P--D-- A913A	5305-054-5649	SCREW, MACHINE MS51957-15 (96906)	2	EA	2							12	150	F26	A1A3TB802H2
P--D-- A914M	5310-723-9676	WASHER, FLAT SAME AS A127M	1,2	EA	2									F26	A1A3TB802H2
P--D-- A914A	5310-058-2949	WASHER, LOCK MS35337-78 (96906)	2	EA	2							12	720	F26	A1A3TB802H2
P--D-- A916M	5940-229-7550	TERMINAL, LUG MS20659-38 (96906)	2	EA	1							12	20	F26	A1A3E4
P--D-- A916A	5440-577-3807	TERMINAL, LUG MS25036-45 (96906)		EA	1							12	20	F26	A1A3E4

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--D-- A916B	5940-682-2477	TERMINAL, LUG MS77068-1 (96906)	2	EA	1						12	80	F26	A1A3E12
P--D-- A916C	5310-208-3786	NUT, PLAIN, HEXAGON NAS671C4 (80205)	2	EA	1						12	195	F26	A1A3E12H1
P--D-- A916E	5305-993-9189	SCREW, MACHINE MS24693C2 (96906)	2	EA	1						12	45	F26	A1A3E12H1
P--D-- A917M	6145-814-1209	CABLE, RADIO FREQUENCY, COAXIAL SAME AS A130A	1,2	EA	1								F26	A1A3W1
P--D-- A918A		CAPACITOR, FIXED, CER DIELECTRIC SAME AS A384A	1,2	EA	1								F27	A1A3C828
P--D-- A919A		CAPACITOR, FXD, FILM DIELECTRIC X663F-100MF10PCT (84411)	1,2	EA	2						8	16	F27	A1A3C815
P--D-- A920M	5910-942-0240	CAPACITOR, FXD, MICA DIELECTRIC CD10C620J03 (93790)	1,2	EA	1						8	8	F27	A1A3C814
P--D-- A921M	5910-878-7113	CAP, ACETATE FILLED-POWER AMPL 1560194 (05869)		EA	1						12		F26	A1A3C825
P--D-- A921A	5910-478-4371	CAP, VAR, AIR-PLASTIC DIELECTRIC 711451-002 (70779)	2	EA	1						8	5	F26	A1A3C825
P--D-- A922M	5305-543-2771	SCREW, MACHINE SAME AS A122M	1,2	EA	3								F26	A1A3C825H3
P--D-- A923M	5310-209-3990	WASHER, LOCK MS35333-71 (96906)	1,2	EA	3						12	100	F26	A1A3C825H3
P--D-- A924M	5910-857-9192	CAPACITOR, FIXED, CER DIELECTRIC CK06CW103M (81349)	1,2	EA	1						8	192	F26	A1A3C827
MD-D-- A925		CHASSIS, DRIVER, POWER AMPLIFIER 1558381 (05869)		EA	1								F26	A1A3A3
MD-D-- A925A		CHASSIS, DRIVER, POWER AMPLIFIER 1596359 (05869)	2	EA	1								F26	A1A3A3
MD-D-- A926		BRACKET 1558381-099 (05869)		EA	1								F27	A1A3A3MP1
P--D-- A927M	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A916C	1,2	EA	1								F27	A1A3A3MP2
P--D-- A928M	5310-878-7111	NUT, SELF CLINCHING, FLUSH F632-1 (46384)	1,2	EA	7						8	105	F27	A1A3A3MP3, A1A3A3MP7 THRU A1A3A3MP12
P--D-- A935M		NUT, STAND-OFF SAME AS A522M	1,2	EA	2								F27	A1A3A3MP4, A1A3A3MP13
P--D-- A937M		NUT, STAND-OFF SOS440-12 (46384)	1,2	EA	5						8	75	F27	A1A3A3MP5, A1A3A3MP14 THRU A1A3A3MP17
P--D-- A942M		NUT, STAND-OFF SOS440-24 (46384)	1,2	EA	3						8	45	F27	A1A3A3MP6, A1A3A3MP18, A1A3A3MP19
P--D-- A945		TERMINAL, STAND-OFF 4025-3-01-19 (03624)		EA	2						8	6	F27	A1A3A3E1, A1A3A3E5
P--D-- A945A		TERMINAL, STAND-OFF SAME AS A945	2	EA	4								F27	A1A3A3E1, A1A3A3E5, A1A3A3E9, A1A3A3E10
P--D-- A947M		TERMINAL, STAND-OFF 4182-3-01-19 (03624)	1,2	EA	3						8	9	F27	A1A3A3E2, A1A3A3E6, A1A3A3E7
P--D-- A950A	5940-682-2477	TERMINAL, LUG SAME AS A916B	1,2	EA	2						12	60	F27	A1A3A3E3, A1A3A3E8

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-60	(c) 61-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--D-- A952A		TERMINAL, STUD 12892B4 (88245)	EA	1							4	3	F27	A1A3A3E4	
A--D-T A953M		CHASSIS, POWER AMPLIFIER 1554389 (05869)	EA	1										F27	A1A3A4
P--D-- A953A	5305-543-2771	SCREW, MACHINE SAME AS A122M	EA	4										F26	A1A3A4H4
MD-D-- A954		CHASSIS 1554389-099 (05869)	EA	1										F26	A1A3A4MP1
P--D-- A955M	5310-957-9002	NUT, SELF-LOCKING, PLATE SAME AS A518	EA	1										F26	A1A3A4MP2
P--D-- A955A	5320-117-6929	RIVET, SOLID SAME AS A634A	EA	2										F26	A1A3A4MP2H2
P--D-- A956M		NUT, STAND-OFF SAME AS A522M	EA	2										F26	A1A3A4MP3, A1A3A4MP5
P--D-- A959M		CLAMP, CABLE 1541017 (05869)	EA	1							8	15	F26	A1A3MP3	
P--D-- A960	5305-531-9521	SCREW, MACHINE MS35233-3 (96906)	EA	1							12	150	F26	A1A3MP3H1	
P--D-- A960A	5305-531-9521	SCREW, MACHINE SAME AS A960	EA	1										F26	A1A3MP3H1
P--D-- A961M	5310-043-4708	WASHER, FLAT SAME AS A894F	EA	1										F26	A1A3MP3H1
P--D-- A962	5310-543-4652	WASHER, LOCK MS35333-69 (96906)	EA	1							12	220	F26	A1A3MP3H1	
P--D-- A963	5310-812-4294	NUT, PLAIN, HEXAGON NAS671C2 (80205)	EA	1							8	120	F26	A1A3MP3H1	
P--D-- A964M	5950-878-5802	COIL, RADIO FREQUENCY 13452 (03550)	EA	1							8	8	F26	A1A3L807	
P--D-- A964A	5950-878-5802	COIL, RADIO FREQUENCY 15946 (03550)	EA	1							8	8	F26	A1A3L807	
P--D-- A965M	5310-550-2329	NUT, PLAIN, HEXAGON MS25082-7 (96906)	EA	1							8	15	F26	A1A3L807H1	
P--D-- A965A	5950-913-1967	COIL, RADIO FREQUENCY MS90537-7 (96906)	EA	1							8	8	F27	A1A3L808	
P--D-- A966M	5935-944-9857	CONNECTOR, PLUG, ELECTRICAL SAME AS A275M	EA	1										F26	A1A3P802
P--D-- A966A		CONNECTOR, PLUG, ELEC, RF MINTR SAME AS A131A	EA	1										F26	A1A3P802
P--D-- A967A	3010-137-5862	COUPLER, SHAFT 1596483-002 (05869)	EA	2							4	4	F26	A1A3CP1, A1A3CP2	
P--D-- A967C	5305-777-6010	SETSCREW NAS1081C06D3 (80205)	EA	4							12	60	F26	A1A3CP1H2, A1A3CP2H2	
A--D-T A970		DRIVER, POWER AMPLIFIER 1558384 (05869)	EA	1							5	2	F26	A1A3A2	
A--D-T A970A		DRIVER, POWER AMPLIFIER 1596413 (05869)	EA	1							5	2	F26	A1A3A2	
P--D-- A971	5820-878-7324	PRINTED CIRCUIT BOARD 1558385 (05869)	EA	1							8	2	F26	A1A3A2TB1	
P--D-- A971A	5820-139-4890	PRINTED CIRCUIT BOARD 1596578 (05869)	EA	1							8	2	F26	A1A3A2TB1	
MD-D-- A972		BOARD 1558385-099 (05869)	EA	1										F28	A1A3A2TB1MP1
X1-D-- A973M		TERMINAL, STUD SAME AS A320	EA	10										F28	A1A3A2TB1E1 THRU A1A3A2TB1E10

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--D-- A983M	6145-814-1209	CABLE, RADIO FREQUENCY, COAXIAL SAME AS A130A	EA	1									F28	A1A3A2W1
P--D-- A983A		CABLE, SPECIAL PURPOSE, ELEC 2S1938NRHFJNB (90484)	EA	1							12	50	F28	A1A3A2W2
P--D-- A984A		CAPACITOR, FIXED, CER DIELECTRIC SAME AS A384A	EA	7									F28	A1A3A2C802, A1A3A2C807, A1A3A2C809 THRU A1A3A2C813
P--D-- A991M	5910-946-6784	CAPACITOR, FXD, MICA DIELECTRIC CD10C251J03 (93790)	EA	1							8	8	F28	A1A3A2C806
P--D-- A992M	5910-857-9192	CAPACITOR, FIXED, CER DIELECTRIC SAME AS A924M	EA	3									F28	A1A3A2C801, A1A3A2C805, A1A3A2C808
P--D-- A995M	5910-893-6745	CAPACITOR, FIXED, CER DIELECTRIC SAME AS A394M	EA	2									F28	A1A3A2C803, A1A3A2C804
P--D-- A997M	5950-827-8693	COIL, RADIO FREQUENCY RFCS10 (08742)	EA	1							8	8	F28	A1A3A2L804
P--D-- A997A	5950-926-3128	COIL, RADIO FREQUENCY MS90537-25 (96906)	EA	1							8	8	F28	A1A3A2L804
P--D-- A998A	5950-921-3418	COIL, RADIO FREQUENCY SAME AS A335A	EA	3									F28	A1A3A2L801, A1A3A2L802, A1A3A2L803
P--D-- B002M	5935-944-9857	CONNECTOR, PLUG, ELECTRICAL SAME AS A275M	EA	1									F28	A1A3A2P801
P--D-- B002A		CONNECTOR, PLUG, ELEC, RF MINTR SAME AS A131A	EA	1									F28	A1A3A2P801
P--D-- B003M	5999-878-5184	HEATSINK, DRIVER, PWR AMPLIFIER 1559878 (05869)	EA	1							8	3	F28	A1A3A2MP2
P--D-- B004M	5310-725-4712	NUT, PLAIN, HEXAGON NAS671-8 (80205)	EA	1							8	15	F28	A1A3A2MP2H1
P--D-- B005M	5310-011-8869	WASHER, LOCK MS35337-4 (96906)	EA	1							8	20	F28	A1A3A2MP2H1
P--D-- B006M	5961-946-0947	INSULATOR, TRANSISTOR 10079DAP (07047)	EA	2									F28	A1A3A2E1, A1A3A2E2
P--D-- B007A	5970-498-4035	INSULATION SLEEVING, ELECTRICAL PENNTUBE2SMT4 (09795)	EA	1							8	3	F28	A1A3A2MP7
P--D-- B008M	5905-994-6676	RESISTOR, FIXED, COMPOSITION EB10G5 (01121)	EA	1							8	30	F28	A1A3A2R812
P--D-- B009M	5905-781-7123	RESISTOR, FIXED, COMPOSITION RC20GF2R7J (81349)	EA	1							8	10	F28	A1A3A2R813
P--D-- B009A	5905-102-5627	RESISTOR, FIXED, COMPOSITION RCR20G2R7JM (81349)	EA	1							8	10	F28	A1A3A2R813
P--D-- B010M	5905-681-6462	RESISTOR, FIXED, COMPOSITION SAME AS A236	EA	2									F28	A1A3A2R809, A1A3A2R811
P--D-- B010A	5905-734-0804	RESISTOR, FIXED, COMPOSITION SAME AS A236A	EA	2									F28	A1A3A2R809, A1A3A2R811
P--D-- B012M	5905-683-7721	RESISTOR, FIXED, COMPOSITION SAME AS A239	EA	1									F28	A1A3A2R801
P--D-- B012A	5905-764-2180	RESISTOR, FIXED, COMPOSITION SAME AS A239A	EA	1									F28	A1A3A2R801
P--D-- B013M	5905-806-0636	RESISTOR, FIXED, COMPOSITION SAME AS A243	EA	1									F28	A1A3A2R808
P--D-- B013A	5905-763-4056	RESISTOR, FIXED, COMPOSITION SAME AS A243A	EA	1									F28	A1A3A2R808

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--D-- B014M	5905-725-6995	RESISTOR, FIXED, COMPOSITION SAME AS A246	EA	3									F28	A1A3A2R802, A1A3A2R807, A1A3A2R810
P--D-- B014A	5905-758-5230	RESISTOR, FIXED, COMPOSITION SAME AS A246A	EA	3									F28	A1A3A2R802, A1A3A2R807, A1A3A2R810
P--D-- B017M	5905-688-3738	RESISTOR, FIXED, COMPOSITION SAME AS A248	EA	1									F28	A1A3A2R803
P--D-- B017A	5905-728-6136	RESISTOR, FIXED, COMPOSITION SAME AS A248A	EA	1									F28	A1A3A2R803
P--D-- B018M	5905-682-4107	RESISTOR, FIXED, COMPOSITION SAME AS A281A	EA	2									F28	A1A3A2R804, A1A3A2R805
P--D-- B018A	5905-890-4232	RESISTOR, FIXED, COMPOSITION SAME AS A281B	EA	2									F28	A1A3A2R804, A1A3A2R805
P--D-- B020M	5905-808-6135	RESISTOR, FIXED, COMPOSITION RC07GF270J (81349)	EA	1							8	10	F28	A1A3A2R806
P--D-- B020A	5905-734-1035	RESISTOR, FIXED, COMPOSITION RCR07G270JM (81349)	EA	1							8	10	F28	A1A3A2R806
P--D-- B021M	5961-752-6178	SEMICONDUCTOR DEVICE, DIODE JANIN3030B (81349)	EA	1							5	10	F28	A1A3A2VR801
P--D-- B023M	5961-892-0734	SEMICONDUCTOR DEVICE, DIODE JANIN483B (81349)	EA	2							5	20	F28	A1A3A2CR801, A1A3A2CR802
P--D-- B025M	5961-850-5987	TRANSISTOR PT3503 (01281)	EA	1							8	10	F28	A1A3A2Q803
P--D-- B026M	5961-050-7499	TRANSISTOR JAN2N2219 (81349)	EA	2							8	20	F28	A1A3A2Q801, A1A3A2Q802
P--D-- B028M		TUBING, EXPANDED SAME AS A283M	EA	4									F28	A1A3A2MP2 THRU A1A3A2MP6
P--D-- B032M	5325-174-5317	GROMMET, RUBBER SAME AS A482M	EA	1									F27	A1A3MP5
P--D-- B032A	5325-619-3314	GROMMET, PLASTIC NAS557-4B (80205)	EA	1							10	10	F27	A1A3MP5
P--D-- B033	5470-846-9116	INSULATION, SLEEVING 995057-009 (09795)	EA	4							8	12	F27	A1A3MP6, A1A3MP10, A1A3MP11, A1A3MP12
P--D-- B036A		INSULATION SLEEVING, ELECTRICAL SAME AS A221A	EA	1									F27	A1A3MP13
P--D-- B036B		INSULATION SLEEVING, ELECTRICAL SAME AS A410A	EA	1									F27	A1A3MP14
MD--D-- B037		NAMEPLATE 1559161-005 (05869)	EA	1									F27	A1A3MP7
MD--D-- B037A		NAMEPLATE 1596480-005 (05869)	EA	1									F27	A1A3MP7
A--D--T B038		POWER AMPLIFIER OUTPUT 1558387 (05869)	EA	1							5	2	F26	A1A3A1
A--D--T B038A		POWER AMPLIFIER OUTPUT 1596417 (05869)	EA	1							5	2	F26	A1A3A1
P--D-- B039	5305-576-7493	SCREW, MACHINE MS35233-15 (96906)	EA	4							12	225	F26	A1A3A1H4
P--D-- B039A	5305-054-5649	SCREW, MACHINE SAME AS A913A	EA	4									F26	A1A3A1H4
P--D-- B040M	5310-723-9676	WASHER, FLAT SAME AS A127M	EA	4									F26	A1A3A1H4
P--D-- B040A	5310-058-2949	WASHER, LOCK SAME AS A914A	EA	4									F26	A1A3A1H4

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--D-- B041	5820-089-9194	PRINTED CIRCUIT BOARD, PWR AMPL 1554307 (05869)	EA	1							8	2	F79	A1A3A1TB1
P--D-- B041A		PRINTED CIRCUIT BOARD, PWR AMPL 1596583 (05869)	EA	1							8	2	F29	A1A3A1TB1
MD--D-- B042		CIRCUIT BOARD 1554307-099 (05869)	EA	1									F29	A1A3A1TB1MP1
X1--D-- B043M		TERMINAL STUD SAME AS A320	EA	11									F79	A1A3A1TB1E1 THRU A1A3A1TB1E11
P--D-- B054A		CAPACITOR, FIXED, CER DIELECTRIC SAME AS A384A	EA	2									F29	A1A3A1C817, A1A3A1C824
P--D-- B056A		CAPACITOR, FXD, FILM DIELECTRIC SAME AS A919A	EA	1									F29	A1A3A1C816
P--D-- B057M	5910-999-7767	CAPACITOR, FXD, MICA DIELECTRIC CD10C150J03 (93790)	EA	1							8	24	F79	A1A3A1C823
P--D-- B058M	5910-945-0006	CAPACITOR, FXD, MICA DIELECTRIC SAME AS A587M	EA	1									F29	A1A3A1C819
P--D-- B058A		CAPACITOR, FXD, MICA DIELECTRIC CM04FA331J03 (81349)	EA	1							8	16	F29	A1A3A1C819
P--D-- B059M	5910-857-9192	CAPACITOR, FIXED, CER DIELECTRIC SAME AS A924M	EA	4									F29	A1A3A1C818, A1A3A1C820, A1A3A1C821, A1A3A1C822
P--D-- B063M	5950-688-7287	COIL, RADIO FREQUENCY RFCM1000 (08742)	EA	1							8	8	F29	A1A3A1L806
P--D-- B063A	5950-983-5369	COIL, RADIO FREQUENCY MS90537-48 (96906)	EA	1							8	8	F29	A1A3A1L806
P--D-- B064M	5950-727-2680	COIL, RADIO FREQUENCY MS75052-5 (96906)	EA	1							8	56	F29	A1A3A1L805
P--D-- B065M	5905-279-3521	RESISTOR, FIXED, COMPOSITION RC20GF150J (81349)	EA	3							8	30	F29	A1A3A1R821, A1A3A1R822, A1A3A1R823
P--D-- B065A	5905-764-2494	RESISTOR, FIXED, COMPOSITION RCR20G150JM (81349)	EA	3							8	30	F29	A1A3A1R821, A1A3A1R822, A1A3A1R823
P--D-- B068M	5905-279-3506	RESISTOR, FIXED, COMPOSITION RC20GF332J (81349)	EA	1							8	10	F29	A1A3A1R824
P--D-- B068A	5905-726-9795	RESISTOR, FIXED, COMPOSITION RCR20G332JM (81349)	EA	1							8	10	F29	A1A3A1R824
P--D-- B069M	5905-686-3128	RESISTOR, FIXED, COMPOSITION SAME AS A245	EA	1									F29	A1A3A1R820
P--D-- B069A	5905-814-6280	RESISTOR, FIXED, COMPOSITION SAME AS A245A	EA	1									F29	A1A3A1R820
P--D-- B070M	5905-817-7971	RESISTOR, FIXED, COMPOSITION RC07GF100J (81349)	EA	1							8	10	F29	A1A3A1R817
P--D-- B070A	5905-728-6124	RESISTOR, FIXED, COMPOSITION RCR07G100JM (81349)	EA	1							8	10	F29	A1A3A1R817
P--D-- B071M	5905-683-7726	RESISTOR, FIXED, COMPOSITION RC07GF363J (81349)	EA	1							8	10	F29	A1A3A1R825
P--D-- B071A	5905-811-8479	RESISTOR, FIXED, COMPOSITION RCR07G363JM (81349)	EA	1							8	10	F29	A1A3A1R825
P--D-- B072M	5905-978-7703	RESISTOR, FIXED, WIRE WOUND RW69V1R5 (81349)	EA	1							8	20	F29	A1A3A1R818
P--D-- B073M	5905-089-8750	RESISTOR, VARIABLE, WIRE BOUND 1765500HMPORM5PCT (17826)	EA	1							8	12	F29	A1A3A1R835

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

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					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
-D-- 74M	5961-944-4761	SEMICONDUCTOR DEVICE, DIODE PD9047 (01281)	EA	1							5	10	F24	A1A3A1CR804
P--D-- B075M	5961-942-1271	SEMICONDUCTOR, DEVICE, DIODE JAN1N251 (81349)	EA	1							5	10	F24	A1A3A1CR803
P--D-- B076M	5961-851-8296	SEMICONDUCTOR DEVICE, DIODE JAN1N967B (81349)	EA	1							5	10	F24	A1A3A1VR803
P--D-- B077M	5961-646-4611	SEMICONDUCTOR DEVICE, DIODE SAME AS A366M	EA	2									F24	A1A3A1CR805, A1A3A1CR806
P--D-- B079M	5961-081-8365	TRANSISTOR SAME AS A369M	EA	1									F24	A1A3A1Q806
P--D-- B080M	5945-089-9130	RELAY, ARMATURE BR12-140B12V (09026)	EA	1							8	15	F26	A1A3K801
P--D-- B081M	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A916C	EA	2									F26	A1A3K801H2
P--D-- B082M	5310-550-3715	WASHER, LOCK SAME AS A129	EA	2									F26	A1A3K801H2
P--D-- B083M	5905-994-6676	RESISTOR, FIXED, COMPOSITION SAME AS B008M	EA	2									F27	A1A3R815, A1A3R816
P--D-- B085M	5905-190-8883	RESISTOR, FIXED, COMPOSITION RC20GF100J (81349)	EA	1							8	10	F27	A1A3R814
P--D-- B085A	5905-078-7059	RESISTOR, FIXED, COMPOSITION RCR20G100JM (81349)	EA	1							8	10	F27	A1A3R814
P--D-- B085B	5905-171-2001	RESISTOR, FIXED, COMPOSITION RC20GF362J (81349)	EA	1							8	10	F27	A1A3R819
P--D-- B085C	5905-813-5618	RESISTOR, FIXED, COMPOSITION RCR20G362JM (81349)	EA	1							8	10	F27	A1A3R819
P--D-- B086M	5961-646-4611	SEMICONDUCTOR DEVICE, DIODE SAME AS A366M	EA	1									F26	A1A3CR807
-D-- 87M		SHIELD, DRIVER, POWER AMPLIFIER 1559943 (05869)	EA	1									F26	A1A3MP8
P--D-- B088M		SCREW, SELF-LOCKING LP57D40S16-SPL (03038)	EA	4							12	60	F26	A1A3MP8H4
P--D-- B089M	5950-878-5805	TRANSFORMER, RADIO FREQUENCY 13443 (03550)	EA	1							8	10	F27	A1A3T801
P--D-- B090M	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A916C	EA	1									F26	A1A3T801H1
P--D-- B091M	5310-550-3715	WASHER, LOCK SAME AS A129	EA	1									F26	A1A3T801H1
P--D-- B092M	5950-879-6141	TRANSFORMER, RADIO FREQUENCY 13444 (03550)	EA	1							8	10	F27	A1A3T802
P--D-- B093M	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A916C	EA	1									F26	A1A3T802H1
P--D-- B094M	5310-550-3715	WASHER, LOCK SAME AS A129	EA	1									F26	A1A3T802H1
P--D-- B095M	5961-999-7341	TRANSISTOR PT3603 (01281)	EA	2							8	20	F27	A1A3Q804, A1A3Q805
P--D-- B097M		TUBING, EXPANDED SAME AS A283M	EA	17									F26	A1A3MP9, A1A3MP13 THRU A1A3MP28
P--F-T B114	5820-944-8504	POWER SUPPLY 1541053-100 (05869)	EA	1	2	3	5	2	2	2	59		F7	A1A4
P--F-T B114A		POWER SUPPLY 1541053-101 (05869)	EA	1	2	3	5	2	2	2	59		F7	A1A4

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

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					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--D-- B115M	8040-620-3809	ADHESIVE SAME AS A775M	PT	1									F30	A1A4MP1
A--D-T B116		POWER REGULATOR, PWR SUP UNIT 1540961 (05869)	EA	1									F30	A1A4PS1
A--D-T B116A		POWER REGULATOR, PWR SUP UNIT 1596385 (05869)	EA	1	2								F30	A1A4PS1
P--D-- B117A	5735-497-307	ADAPTOR, CONNECTOR, SEAL 1568404 (05869)	EA	1	1,2					8	20		F30	A1A4PS1CP1
P--D-- B118	5910-893-5179	CAPACITOR, FIXED, ELECTROLYTIC TE1305 (56289)	EA	1						8	12		F31	A1A4PS1C304
P--D-- B118A	5910-824-3976	CAPACITOR, FIXED, ELECTROLYTIC CSR13G226KN (81349)	EA	1	2					8	12		F31	A1A4PS1C304
P--D-- B119A		CAPACITOR, FIXED, CER DIELECTRIC SAME AS A384A	EA	1	2								F31	A1A4PS1C307
P--D-- B120	5910-782-1974	CAPACITOR, FIXED, ELECTROLYTIC CS13BE336M (81349)	EA	1						8	12		F31	A1A4PS1C305
P--D-- B120A	5910-044-6140	CAPACITOR, FIXED, ELECTROLYTIC CSR13E336KL (81349)	EA	1	2					8	12		F31	A1A4PS1C305
MD-D-- B121		CHASSIS, POWER SUPPLY 1540966 (05869)	EA	1									F30	A1A4PS1A1
MD-D-- B121A		CHASSIS, POWER SUPPLY 1596571 (05869)	EA	1	2								F30	A1A4PS1A1
MD-D-- B126		PANEL 1540966-099 (05869)	EA	1									F30	A1A4PS1A1MP1
P--D-- A126A	5310-680-5270	NUT, SELF-LOCKING, PLATE SAME AS A302M	EA	4	1,2								F30	A1A4PS1A1MP14 THRU A1A4PS1A1MP17
P--D-- B127M	5320-233-4781	RIVET, SOLID SAME AS A303M	EA	8	1,2								F30	A1A4PS1A1MP14H THRU A1A4PS1A1MP1
MD-D-- B131		SUPPORT 1540966-094 (05869)	EA	1									F30	A1A4PS1A1MP3
MD-D-- B132		SUPPORT 1540966-097 (05869)	EA	1									F30	A1A4PS1A1MP4
MD-D-- B133		SUPPORT 1540966-098 (05869)	EA	2									F30	A1A4PS1A1MP5, A1A4PS1A1MP6
P--D-- B135A	5446-905-0063	TERMINAL, FEEDTHRU FT-SMD28TUR (98291)	EA	6	1,2					8	18		F31	A1A4PS1A1E6 A1A4PS1A1E10 THRU A1A4PS1A1E14
P--D-- B141M	5440-921-6452	TERMINAL, STAND-OFF RST-SM31TUR-CD1 (98291)	EA	6	1,2					8	18		F31	A1A4PS1A1E7 A1A4PS1A1E15 THRU A1A4PS1A1E19
P--D-- B147A		TERMINAL, FEEDTHRU FT-SM32TUR-WHITE (98291)	EA	1	1,2					8	3		F31	A1A4PS1A1E1
MD-D-- B148		TUBE, ALUMINUM ALLOY 1540966-092 (05869)	EA	1									F30	A1A4PS1A1MP7
MD-D-- B149		TUBE, ALUMINUM ALLOY 1540966-093 (05869)	EA	3									F30	A1A4PS1A1MP8, A1A4PS1A1MP12, A1A4PS1A1MP13
P--D-- B152M	5935-944-9849	CONNECTOR, PLUG, ELECTRICAL 17291-7-17S (11139)	EA	1	1,2					8	25		F30	A1A4PS1J301
P--D-- B153M	5920-142-7421	FUSE, CARTRIDGE 301002 (75915)	EA	1	1,2					71	100		F30	A1A4PS1F302
P--D-- B154M	5920-273-3681	FUSE, CARTRIDGE 30107-5 (75915)	EA	1	1,2					71	100		F30	A1A4PS1F301

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
MD--D-- B155M		FUSE, BLOCK ASSY, PWR SPLY UNIT 1540965 (05869)	EA	1							19	20	F30	A1A4PS1XF1
P--D-- B156M	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A916C	EA	3									F30	A1A4PS1XF1H3
P--D-- B157M	5305-576-7493	SCREW, MACHINE SAME AS B039	EA	3									F30	A1A4PS1XF1H3
P--D-- B157A	5305-151-2081	SCREW, MACHINE AN507-440R6 (81349)	EA	3							12	45	F30	A1A4PS1XF1H3
P--D-- B158M	5310-723-9676	WASHER, FLAT SAME AS A127M	EA	3									F30	A1A4PS1XF1H3
P--D-- B159M		WASHER, FLAT NAS1515M04L (80205)	EA	3							12	100	F30	A1A4PS1XF1H3
P--D-- B160M	5970-044-5873	WASHER, INSULATING PR410-51 (05046)	EA	3							12	12	F30	A1A4PS1XF1H3
P--D-- B160A	5330-827-2820	WASHER, SHOULDER 5608-10 (86928)	EA	3							12	60	F30	A1A4PS1XF1H3
P--D-- B161M	5310-058-2949	WASHER, LOCK SAME AS A914A	EA	3									F30	A1A4PS1XF1H3
P--D-- B162M	5325-286-6047	GROMMET, RUBBER SAME AS A483M	EA	1									F30	A1A4PS1MP3
P--D-- B162A	5325-174-5317	GROMMET, RUBBER SAME AS A482M	EA	1									F30	A1A4PS1MP10
P--D-- B163M	5961-714-1386	HEATSINK TXB2P032-037 (98978)	EA	1							8	3	F30	A1A4PS1MP4
P--D-- B164		INSULATION, SLEEVEING SAME AS A221	EA	4									F30	A1A4PS1MP5, A1A4PS1MP7, A1A4PS1MP8, A1A4PS1MP9
P--D-- B167A		INSULATION, SLEEVEING SAME AS A221A	EA	1									F30	A1A4PS1MP11
P--D-- B167B		INSULATION, SLEEVEING SAME AS A410A	EA	1									F30	A1A4PS1MP12
P--D-- B168M	5945-930-0412	RELAY, ARMATURE BR7X65D93S253 (09026)	EA	1							8	15	F30	A1A4PS1K301
P--D-- B169M		BEARING, THRUST SAME AS A631A	EA	2									F30	A1A4PS1K301H2
P--D-- B170	5310-616-8660	NUT, PLAIN, HEXAGON NAS671C6 (80205)	EA	2							8	30	F30	A1A4PS1K301H2
P--D-- B170A	5310-616-8660	NUT, PLAIN, HEXAGON SAME AS B170	EA	2									F30	A1A4PS1K301H2
P--D-- B171M		WASHER, FLAT SAME AS B159M	EA	2									F30	A1A4PS1K301H2
P--D-- B171A	5310-531-9514	WASHER, FLAT SAME AS A572	EA	2									F30	A1A4PS1K301H2
P--D-- B172M	5310-209-3990	WASHER, LOCK SAME AS A923M	EA	2									F30	A1A4PS1K301H2
P--D-- B173M	5905-948-6489	RESISTOR, DC, NON-LINEAR 501000-1 (00538)	EA	1							8	12	F30	A1A4PS1R303
P--D-- B174M	5905-933-9782	RESISTOR, DC, NON-LINEAR 501000-2 (00538)	EA	1							8	12	F30	A1A4PS1R306
P--D-- B175	5905-190-8889	RESISTOR, FIXED, COMPOSITION RC20GF101J (81349)	EA	1							8	10	F30	A1A4PS1R304
P--D-- B175A	5905-726-9758	RESISTOR, FIXED, COMPOSITION RCR20G101JM (81349)	EA	1							8	10	F30	A1A4PS1R304
P--D-- B176A	5905-279-2661	RESISTOR, FIXED, COMPOSITION RC32GF182J (81349)	EA	1							8	10	F30	A1A4PS1R307

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--D-- B176B		RESISTOR, FIXED, COMPOSITION RCR32G182JM (81349)	EA	1							8	10	F31	A1A4PS1R307
P--D-- B177M	5905-989-9362	RESISTOR, FIXED, WIRE WOUND RW69VR56 (81349)	EA	1							8	20	F31	A1A4PS1R305
P--D-- B178M	5961-944-4760	SEMICONDUCTOR DEVICE, V REG R2067 (99942)	EA	1							5	10	F31	A1A4PS1CR305
P--D-- B179M	5961-646-4611	SEMICONDUCTOR DEVICE, DIODE SAME AS A366M	EA	2									F31	A1A4PS1CR306, A1A4PS1CR307
P--D-- B181M	5961-939-4263	SEMICONDUCTOR DEVICE, DIODE JAN1N4370A (81349)	EA	1							5	10	F31	A1A4PS1CR309
P--D-- B182M	5961-890-7034	SEMICONDUCTOR DEVICE, DIODE JAN1N757A (81349)	EA	1							5	10	F31	A1A4PS1CR308
P--D-- B183	5940-665-5749	TERMINAL LUG 1430 (71785)	EA	1							12	20	F30	A1A4PS1MP6
P--D-- B183A	5940-636-5429	TERMINAL LUG 2404-06-01 (78189)	EA	1							12	20	F30	A1A4PS1MP6
P--D-- B184M	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A916C	EA	1									F30	A1A4PS1MP6H1
P--D-- B185M	5940-820-4549	TERMINAL STUD X2051B (71279)	EA	1							4	3	F30	A1A4PS1MP6H1
P--D-- B185A		TERMINAL STUD 1300T4 (88245)	EA	1							4	3	F30	A1A4PS1MP6H1
P--D-- B186M	5310-550-3715	WASHER, LOCK SAME AS A129	EA	2									F30	A1A4PS1MP6H2
P--D-- B187M	5961-973-2307	TRANSISTOR 2N2015 (02735)	EA	1							8	10	F32	A1A4PS1Q303
P--D-- B187A	5970-438-4731	INSULATOR, DISC RM108 (08289)	EA	1							8	8	F32	A1A4PS1Q303H1
P--D-- B187B	5310-812-4292	NUT, PLAIN, HEXAGON SAME AS A653M	EA	1									F32	A1A4PS1Q303H1
P--D-- B187C	5940-849-8394	TERMINAL LUG 520 (79963)	EA	1							12	20	F32	A1A4PS1Q303H1
P--D-- B187E	5310-933-8120	WASHER, LOCK MS35338-138 (96906)	EA	1							12	20	F32	A1A4PS1Q303H1
P--D-- B187F	5310-054-1831	WASHER, LOCK MS35338-81 (96906)	EA	1							12	20	F32	A1A4PS1Q303H1
P--D-- B187G	5310-915-2513	WASHER, SHOULDER 5607-20 (86928)	EA	1							12	60	F32	A1A4PS1Q303H1
P--D-- B188M	5961-837-7262	TRANSISTOR SAME AS A374M	EA	1									F31	A1A4PS1Q306
P--D-- B189M	5961-081-4816	TRANSISTOR JAN2N1485 (81349)	EA	1							8	10	F32	A1A4PS1Q305
P--D-- B189A	5961-923-4337	HEATSINK C308 (08289)	EA	1							8	3	F32	A1A4PS1Q305H1
MD--D-- B189B	5961-104-3554	INSULATOR, PLATE SDM304 (08289)	EA1	1									F32	A1A4PS1Q305H1
P--D-- B189C	5310-934-9761	NUT, PLAIN, HEXAGON MS35649-264 (96906)	EA	2							8	60	F32	A1A4PS1Q305H2
P--D-- B189E	5310-616-8660	NUT, PLAIN, HEXAGON SAME AS B170	EA	2									F32	A1A4PS1Q305H2
P--D-- B189F	5305-054-6650	SCREW, MACHINE MS51957-26 (96906)	EA	2							12	60	F32	A1A4PS1Q305H2
P--D-- B189G	5305-054-6651	SCREW, MACHINE SAME AS A479A	EA	2									F32	A1A4PS1Q305H2

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGNCY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--D-- B189H	5310-638-9857	WASHER, FLAT SAME AS A480B	EA	2									F32	A1A4PS1Q305H2
P--D-- B189I	5310-531-9514	WASHER, FLAT SAME AS A572	2	EA	2								F32	A1A4PS1Q305H2
P--D-- B189J	5310-929-6395	WASHER, LOCK SAME AS A481A	EA	2									F32	A1A4PS1Q305H2
P--D-- B189K	5310-043-1754	WASHER, LOCK SAME AS A481	2	EA	2						80		F32	A1A4PS1Q305H2
P--D-- B189L	5970-763-1971	WASHER, SHOULDER 5608-15 (86928)	1,2	EA	2						12	80	F32	A1A4PS1Q305H2
P--D-- B190M	5961-989-6703	TRANSISTOR JAN2N1484 (81349)	1,2	EA	1						8	10	F32	A1A4PS1Q304
P--D-- B190A	5961-923-4337	HEATSINK SAME AS B189A	1,2	EA	1								F32	A1A4PS1Q304H1
MD--D-- B190B	5961-104-3554	INSULATOR, PLATE SAME AS B189B	1,2	EA	1								F32	A1A4PS1Q304H1
P--D-- B190C	5310-934-9761	NUT, PLAIN, HEXAGON SAME AS B189C	EA	2									F32	A1A4PS1Q304H2
P--D-- B190E	5310-616-8660	NUT, PLAIN, HEXAGON SAME AS B170	2	EA	2								F32	A1A4PS1Q304H2
P--D-- B190F	5305-054-6650	SCREW, MACHINE SAME AS B189F	EA	2									F32	A1A4PS1Q304H2
P--D-- B190G	5305-054-6651	SCREW, MACHINE SAME AS A479A	2	EA	2								F32	A1A4PS1Q304H2
P--D-- B190H	5310-638-9857	WASHER, FLAT SAME AS A480B	EA	2									F32	A1A4PS1Q304H2
P--D-- B190I	5310-531-9514	WASHER, FLAT SAME AS A572	2	EA	2								F32	A1A4PS1Q304H2
P--D-- B190J	5310-929-6395	WASHER, LOCK SAME AS A481A	EA	2									F32	A1A4PS1Q304H2
P--D-- B190K	5310-043-1754	WASHER, LOCK SAME AS A481	2	EA	2								F32	A1A4PS1Q304H2
P--D-- B190L	5970-763-1971	WASHER, SHOULDER SAME AS B189L	1,2	EA	2								F32	A1A4PS1Q304H2
MD--D-- B191M		COVER, LOWER-POWER SUPPLY 1540958 (05869)	1,2	EA	1								F30	A1A4MP2
P--D-- B192M		SCREW, SELF-LOCKING SAME AS A467M	1,2	EA	1								F30	A1A4MP2H1
P--D-- B193A		SCREW, SELF-LOCKING LP57D62S34-SPL (03038)	1,2	EA	3						12	45	F30	A1A4MP2H3
MD--D-- B194M		COVER, UPPER-POWER SUPPLY 1540959 (05869)	1,2	EA	1								F30	A1A4MP3
P--D-- B195M	5325-185-0017	GROMMET, RUBBER MS35489-33 (96906)	1,2	EA	1						10	10	F30	A1A4MP4
MD--D-- B196		NAMEPLATE 1540911-001 (05869)	EA	1									F30	A1A4MP5
MD--D-- B196A		NAMEPLATE 1596480-006 (05869)	2	EA	1								F30	A1A4MP5
A--D-T B197		POWER TRANSFORMER AND RECT 1540967 (05869)	EA	1									F30	A1A4T1
A--D-T B197A		POWER TRANSFORMER AND RECT 1596362 (05869)	2	EA	1								F30	A1A4T1
P--D-- B198M	5305-550-5002	SCREW, MACHINE SAME AS A125M	EA	4									F30	A1A4T1H4

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--D-- B198A	5305-054-5647	SCREW, MACHINE SAME AS A468C	EA	4									F30	A1A4T1H4
P--D-- B199M	5310-723-9676	WASHER, FLAT SAME AS A127M	EA	4									F30	A1A4T1H4
P--D-- B200		BOARD, TERMINAL-PWR SUPPLY UNIT 1540969 (05869)	EA	1						8	15		F33	A1A4T1TB1
P--D-- B200A	5340-496-207	BOARD, TERMINAL-PWR SUPPLY UNIT 1596361 (05869)	EA	1						8	15		F33	A1A4T1TB1
MD-D-- B201		BOARD 1540969-099 (05869)	EA	1									F33	A1A4T1TB1MP1
X1-D-- B201A		CLIP, SPRING TENSION MS17160-8 (96906)	EA	1						8	10		F34	A1A4T1TB1MP3
X1-D-- B201B		RIVET, SOLID MS20470AD3-3 (96906)	EA	1						12	15		F34	A1A4T1TB1M3H1
X1-D-- B202		NUT, STAND-OFF S05632-22 (46384)	EA	1						8	15		F33	A1A4T1TB1MP2
X1-D-- B203M		TERMINAL, FEEDTHRU FT1000DTUR (98291)	EA	11						12	33		F33	A1A4T1TB1E1 THRU A1A4T1TB1E11
X1-D-- B203A		TERMINAL, FEEDTHRU SAME AS B203M	EA	12									F34	A1A4T1TB1E1 THRU A1A4T1TB1E12
P--D-- B214		CAPACITOR, FIXED, ELECTROLYTIC SCM475BP020A2 (01295)	EA	1						8	12		F34	A1A4T1C306
P--D-- B214A	5910-465-7871	CAPACITOR, FIXED, ELECTROLYTIC CSR09E475KM (81349)	EA	1						8	12		F34	A1A4T1C306
P--D-- B215M		CAPACITOR, FIXED, ELECTROLYTIC CL65BL150MP3 (81349)	EA	2						8	24		F33	A1A4T1C302, A1A4T1C303
P--D-- B217M	5910-779-8404	CAPACITOR, FIXED, ELECTROLYTIC CS13BE107K (81349)	EA	1						8	12		F33	A1A4T1C301
P--D-- B217A	5910-936-1357	CAPACITOR, FIXED, ELECTROLYTIC CSR13E107KL (81349)	EA	1						8	12		F33	A1A4T1C301
P--D-- B218M	5950-999-9605	CHOKE, POWER 2-00219 (25656)	EA	1						5	8		F33	A1A4T1L301
P--D-- B218A		INSULATION SLEEVING, ELECTRICAL SAME AS A221A	EA	1									F34	A1A4T1MP16
P--D-- B218B		INSULATION SLEEVING, ELECTRICAL SAME AS A410A	EA	1									F34	A1A4T1MP17
P--D-- B219M		INSULATION, SLEEVING 995057-040 (09795)	EA	4						8	32		F34	A1A4T1MP2, A1A4T1MP5, A1A4T1MP6, A1A4T1MP7
P--D-- B223	5905-192-3973	RESISTOR, FIXED, COMPOSITION RC20GF471J (81349)	EA	1						8	10		F33	A1A4T1R302
P--D-- B223A	5905-726-9811	RESISTOR, FIXED, COMPOSITION RCR20G471JM (81349)	EA	1						8	10		F33	A1A4T1R302
P--D-- B224	5905-279-1692	RESISTOR, FIXED, COMPOSITION RC32GF100J (81349)	EA	1						8	10		F33	A1A4T1R301
P--D-- B224A		RESISTOR, FIXED, COMPOSITION RCR32G100JM (81349)	EA	1						8	10		F33	A1A4T1R301
P--D-- B225M	5961-519-6977	SEMICONDUCTOR DEVICE, DIODE JAN1N538 (81349)	EA	4						5	40		F33	A1A4T1CR301 THRU A1A4T1CR304
P--D-- B229		INSULATION, SLEEVING SAME AS A221	EA	6									F33	A1A4T1MP3, A1A4T1MP8 THRU A1A4T1MP12

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--D-- B235M	5950-937-7140	POWER, TRANSFORMER, D.C. 30131 (21645)	EA	1							8	10	F33	A1A4T1T301
P--D-- B236M	5326-105-6934	INSULATOR, BUSHING 1540968-001 (05869)	EA	1							8	15	F33	A1A4T1T301H1
P--D-- B237M	5326-105-6935	INSULATOR, BUSHING 1540968-002 (05869)	EA	1							8	15	F33	A1A4T1T301H1
P--D-- B237A	5310-275-2005	NUT, SELF-LOCKING SAME AS A571	EA	1									F33	A1A4T1T301H1
P--D-- B238	5305-543-2777	SCREW, MACHINE MS35233-35 (96906)	EA	1							12	15	F33	A1A4T1T301H1
P--D-- B238A	5305-054-6660	SCREW, MACHINE MS51957-36 (96906)	EA	1							12	15	F33	A1A4T1T301H1
P--D-- B239	5310-054-0041	WASHER, FLAT NAS620C6L (80205)	EA	1							12	20	F33	A1A4T1T301H1
P--D-- B239A	5310-531-9514	WASHER, FLAT SAME AS A572	EA	2									F34	A1A4T1T301H2
P--D-- B240A	5305-054-0325	TRANSISTOR SP2385 (04713)	EA	2							8	20	F34	A1A4T1Q301, A1A4T1Q302
P--D-- B240B		INSULATOR, DISC 14B52600F06 (16333)	EA	2							8	16	F33	A1A4T1Q301H1,
P--D-- B240C	5310-934-9765	NUT, PLAIN, HEXAGON MS35650-304 (96906)	EA	2							8	30	F33	A1A4T1Q301H1, A1A4T1Q302H1
P--D-- B240E	5940-583-7741	TERMINAL LUG 2104-10-00 (78189)	EA	2							12	40	F33	A1A4T1Q301H1, A1A4T1Q302H1
P--D-- B240F	5310-167-0812	WASHER, FLAT AN960C10L (81349)	EA	2							12	40	F33	A1A4T1Q301H1, A1A4T1Q302H1
P--D-- B240G	5310-933-8120	WASHER, LOCK SAME AS B187E	EA	2									F33	A1A4T1Q301H1, A1A4T1Q302H1
P--D-- B240H	5310-915-2513	WASHER, SHOULDER SAME AS B187G	EA	2									F33	A1A4T1Q301H1, A1A4T1Q302H1
P--D-- B240I	5310-728-3493	WASHER, SHOULDER 5607-21 (86928)	EA	2							12	40	F33	A1A4T1Q301H1, A1A4T1Q302H1
P--D-- B243		TUBING, EXPANDED 500ID BLACK (08795)	EA	4							8	12	F34	A1A4T1MP4, A1A4T1MP13, A1A4T1MP14, A1A4T1MP15
P--D-- B243A	5376-177-1502	INSULATION SLEEVING, ELECTRICAL PENNTUBE2SMT2 (09795)	EA	4							8		F34	A1A4T1MP4, A1A4T1MP13, A1A4T1MP14, A1A4T1MP15
P--D-- B247M		TAPE, LACING SAME AS A488M	RL	1									F30	A1A4MP6
P--D-- B247A		TAPE, LACING SAME AS A851A	RL	1									F30	A1A4MP6
P--D-- B248M		TERMINAL LUG SAME AS A489M	EA	8									F30	A1A4E1 THRU A1A4E8
P--D-- B256M		TUBING, EXPANDING SAME AS A283M	EA	8									F30	A1A4MP7 THRU A1A4MP14
P--F--S B264	5820-089-7881	RADIO FREQUENCY UNIT-RCVR XMTR 1550163-100 (05869)	EA	1	2	6	11	2	2	2	130		F7	A1A5
P--F--S B264A		RADIO FREQUENCY UNIT-RCVR XMTR 1550163-101 (05869)	EA	1	2	6	11	2	2	2	130		F7	A1A5
P--F-- B264B	5305-045-1628	SCREW, MACHINE MS35233-28 (96906)	EA	4	"	2	2	"	2	2	12	60	F7	A1A5H4
P--F-- B264C	5310-043-1754	WASHER, LOCK SAME AS A481	EA	4	REF	REF	REF	REF	REF	REF			F7	A1A5H4

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
A--H--S B265		BAND SWITCH ASSEMBLY--RF UNIT 1559162 (05869)	EA	1				*	2	2	12	2	F35	A1A5S1
A--H--S B265A		BAND SWITCH ASSEMBLY--RF UNIT 1596382 (05869)	EA	1				*	2	2	12	2	F35	A1A5S1
P--H-- B266A		CAPACITOR, FIXED, CER DIELECTRIC QC1-OPFPORM5PCT(95121)	EA	1				*	*	2	8	8	F36	A1A5S1C729
P--H-- B267A	5910-882-3775	CAPACITOR, FIXED, CER DIELECTRIC GA1-5PFP5PCT (78488)	EA	1				*	*	2	8	24	F36	A1A5S1C708
P--H-- B268M	5905-683-7720	RESISTOR, FIXED, COMPOSITION SAME AS A233	EA	2				REF	REF	REF			F36	A1A5S1R708, A1A5S1R714
P--H-- B268A	5905-764-2479	RESISTOR, FIXED, COMPOSITION SAME AS A233A	EA	2				REF	REF	REF			F36	A1A5S1R708, A1A5S1R714
P--H-- B270M	5905-683-7721	RESISTOR, FIXED, COMPOSITION SAME AS A239	EA	2				REF	REF	REF			F36	A1A5S1R703, A1A5S1R704
P--H-- B270A	5905-764-2180	RESISTOR, FIXED, COMPOSITION SAME AS A239A	EA	2				REF	REF	REF			F36	A1A5S1R703, A1A5S1R704
P--H-- B272M		SLEEVING, TEFLON SAME AS A221A	EA	12				REF	REF	REF			F36	A1A5S1MP1 THRU A1A5S1MP12
P--H-- B284A	5330-720-3667	SWITCH, ROTARY 270201A6 (76854)	EA	1				*	2	2	12	25	F36	A1A5S1S701
MD--H-- B284B		BRACKET--RADIO FREQUENCY UNIT 1579217 (05869)	EA	1									F36	A1A5MP21
P--H-- B285M	5910-944-9844	CAPACITOR, VAR, AIR DIELECTRIC 5090 (91293)	EA	1				*	*	*	5	5	F35	A1A5C701
P--H-- B285A	5910-497-7713	CAPACITOR, VAR, AIR DIELECTRIC 9449-00-10003 (80583)	EA	1				*	*	*	5	5	F35	A1A5C701
P--H-- B286M	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A916C	EA	1				REF	REF	REF			F35	A1A5C701H1
P--H-- B287M	5305-550-5002	SCREW, MACHINE SAME AS A125M	EA	1				REF	REF	REF			F35	A1A5C701H1
P--H-- B287A	5305-054-5647	SCREW, MACHINE SAME AS A468C	EA	1				REF	REF	REF			F35	A1A5C701H1
P--H-- B287B		WASHER, FLAT 1576163 (05869)	EA	10				*	2	2	12	200	F35	A1A5C701H10
P--H-- B287C		WASHER, FLAT SAME AS B287B	EA	1				REF	REF	REF			F35	A1A5C701H1
P--H-- B288M	5310-058-2949	WASHER, LOCK SAME AS A914A	EA	1				REF	REF	REF			F35	A1A5C701H1
P--H-- B289	3010-999-4829	COUPLER, SHAFT, MINIATURE MB535-2-MOD (88797)	EA	1				*	*	*	4	2	F35	A1A5CP1
P--H-- B290A	5305-777-5977	SETSCREW NAS1081C04D2 (80205)	EA	2				*	2	2	12	30	F35	A1A5CP1H2
P--H-- B291	3040-089-9050	COUPLER, SHAFT 1540919 (05869)	EA	1				*	*	*	4	2	F35	A1A5CP2
P--H-- B292A		SETSCREW NAS1081C06D4 (80205)	EA	2				*	2	2	12	30	F35	A1A5CP2H2
MD--H-- B293		NAMEPLATE 1559161-006 (05869)	EA	1									F35	A1A5MP1
MD--H-- B293A		NAMEPLATE 1596480-004 (05869)	EA	1									F35	A1A5MP1
MD--H-- B295		PLATE, CHASSIS--RF UNIT 1541031 (05869)	EA	2									F36	A1A5MP3, A1A5MP7

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
MD-H-- B295A		PLATE, CHASSIS FRONT-RF UNIT 1600885 (05869)	EA	1									F36	A1A5MP3
MD-H-- B296A		PLATE, CHASSIS, REAR-RF UNIT 160886 (05869)	EA	1									F36	A1A5MP7
P--H-- B298M		SLEEVEING, TEFLON 22AWG4201TNINPTFE (75037)	EA	14				*	*	2	8	112	F35	A1A5MP4, A1A5MP8 THRU A1A5MP20
MD-H-- B312		STRAP ASSY, GROUND WIRE-RF UNIT 1541032 (05869)	EA	1									F35	A1A5W1
P--H-- B313M	5940-682-2477	TERMINAL LUG SAME AS A916B	EA	1				REF	REF	REF			F35	A1A5E107
A--H-S B314		TRAY ASSY, LOWER CHASSIS-RF UNIT 1559160 (05869)	EA	1									F35	A1A5A1
A--H-S B314A		TRAY ASSY, LOWER CHASSIS-RF UNIT 1596357 (05869)	EA	1									F35	A1A5A1
P--H-- B315M	5305-550-5002	SCREW, MACHINE SAME AS A125M	EA	6				REF	REF	REF			F35	A1A5A1H6
P--H-- B315A	5305-054-5647	SCREW, MACHINE SAME AS A468C	EA	6				REF	REF	REF			F35	A1A5A1H6
MD-H-- B316M		BARRIER, TERMINAL 411JU4 (75382)	EA	1				*	*	2	8	15	F37	A1A5A1TB701
P--H-- B317M		TERMINAL LUG SAME AS A153M	EA	4				REF	REF	REF			F37	A1A5A1TB701H4
P--H-- B318M		SCREW, MACHINE SAME AS A152	EA	2				REF	REF	REF			F37	A1A5A1TB701H2
P--H-- B318A	5305-054-5648	SCREW, MACHINE SAME AS A306A	EA	2				REF	REF	REF			F37	A1A5A1TB701H2
P--H-- B319M	5310-723-9676	WASHER, FLAT SAME AS A127M	EA	2				REF	REF	REF			F37	A1A5A1TB701H2
P--H-- B319A	5310-058-2949	WASHER, LOCK SAME AS A914A	EA	2				REF	REF	REF			F37	A1A5A1TB701H2
MD-H-- B320		BUSS, GROUND-RF UNIT 1541042 (05869)	EA	1				*	*	*	4	2	F37	A1A5A1W1
P--H-- B321M	5910-892-3125	CAPACITOR, FIXED, CER DIELECTRIC SAME AS A377M	EA	8				REF	REF	REF			F37	A1A5A1C715 THRU A1A5A1C718, A1A5A1C725 THRU A1A5A1C728
P--H-- B329A		CAPACITOR, FIXED, CER DIELECTRIC SAME AS A307A	EA	1				REF	REF	REF			F37	A1A5A1C724
P--H-- B330A		CAPACITOR, FIXED, CER DIELECTRIC SAME AS A384A	EA	1				REF	REF	REF			F37	A1A5A1C714
P--H-- B331M	5910-683-3152	CAPACITOR, FXD, MICA DIELECTRIC DM15-681J (72136)	EA	1				*	*	2	8	16	F37	A1A5A1C738
P--H-- B332M	6145-814-1209	CABLE, RADIO FREQUENCY, COAXIAL SAME AS A130A	EA	1				REF	REF	REF			F37	A1A5A1W2
P--H-- B333A	5950-926-3131	COIL, RADIO FREQUENCY MS90537-17 (96906)	EA	2				*	*	2	8	16	F37	A1A5A1L704, A1A5A1L705
P--H-- B335A	5950-921-3418	COIL, RADIO FREQUENCY SAME AS A335A	EA	3				REF	REF	REF			F37	A1A5A1L701, A1A5A1L702, A1A5A1L703
P--H-- B338M	5935-945-0001	CONNECTOR, RECP, ELECTRICAL GG4609-000-801 (94375)	EA	3				*	*	2	8	75	F37	A1A5A1J702, A1A5A1J704, A1A5A1J705

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					USABLE ON CODE									
P--H-- B338A	5935-911-6184	CONNECTOR, RECP, ELEC, RF MINTR 50-310-3196 (98291)	EA	3				**	**	2	8	75	F37	A1A5A1J702, A1A5A1J704, A1A5A1J705
P--H-- B341M	5935-999-6713	CONNECTOR, RECP, ELECTRICAL GG4640-000-000 (94375)	EA	2				**	**	2	8	50	F37	A1A5A1J701, A1A5A1J703
P--H-- B341A	5935-946-9144	CONNECTOR, RECP, ELECTRICAL UG1619-U (81349)	EA	2				**	**	2	8	50	F37	A1A5A1J701, A1A5A1J703
MD--H-- B343M		COVER, CHAS TRAY, LOWER-RF UNIT 1541033 (05869)	EA	1									F35	A1A5A1MP1
P--H-- B344	5305-576-7493	SCREW, MACHINE SAME AS B039	EA	4				REF	REF	REF			F35	A1A5A1MP1H4
P--H-- B344A	5305-054-5649	SCREW, MACHINE SAME AS A913A	EA	4				REF	REF	REF			F35	A1A5A1MP1H4
P--H-- B344B	5310-058-2949	WASHER, LOCK SAME AS A914A	EA	4				REF	REF	REF			F37	A1A5A1MP1H4
P--H-- B345M	5820-945-4311	MIXER, DOUBLE BALANCED VE13099 (03550)	EA	1				**	**	**	4	2	F37	A1A5A1Z701
P--H-- B346M	5945-999-8715	RELAY, ARMATURE SX2192 (70309)	EA	2				**	**	2	8	30	F37	A1A5A1K701, A1A5A1K702
P--H-- B346A	5310-812-4294	NUT, PLAIN, HEXAGON SAME AS A963	EA	4				REF	REF	REF			F37	A1A5A1K701H2, A1A5A1K702H2
P--H-- B346B	5305-531-9521	SCREW, MACHINE SAME AS A960	EA	4				REF	REF	REF			F37	A1A5A1K701H2, A1A5A1K702H2
P--H-- B346C	5305-054-5637	SCREW, MACHINE MS51957-3 (96906)	EA	4				**	2	2	12	135	F37	A1A5A1K701H2, A1A5A1K702H2
P--H-- B346E	5310-543-4652	WASHER, LOCK SAME AS A962	EA	4				REF	REF	REF			F37	A1A5A1K701H2, A1A5A1K702H2
P--H-- B351M	5905-683-7720	RESISTOR, FIXED, COMPOSITION SAME AS A233	EA	1				REF	REF	REF			F37	A1A5A1R707
P--H-- B351A	5905-764-2479	RESISTOR, FIXED, COMPOSITION SAME AS A233A	EA	1				REF	REF	REF			F37	A1A5A1R707
P--H-- B352M	5905-681-9969	RESISTOR, FIXED, COMPOSITION SAME AS A433	EA	1				REF	REF	REF			F37	A1A5A1R710
P--H-- B352A	5905-734-1036	RESISTOR, FIXED, COMPOSITION SAME AS A433A	EA	1				REF	REF	REF			F37	A1A5A1R710
P--H-- B353M	5905-683-7721	RESISTOR, FIXED, COMPOSITION SAME AS A239	EA	2				REF	REF	REF			F37	A1A5A1R701, A1A5A1R715
P--H-- B353A	5905-764-2180	RESISTOR, FIXED, COMPOSITION SAME AS A239A	EA	2				REF	REF	REF			F37	A1A5A1R701, A1A5A1R715
P--H-- B355M	5905-683-2243	RESISTOR, FIXED, COMPOSITION RC07GF151J (81349)	EA	1				**	**	2	8	10	F37	A1A5A1R705
P--H-- B355A	5905-758-5223	RESISTOR, FIXED, COMPOSITION RCR07G151JM (81349)	EA	1				**	**	2	8	10	F37	A1A5A1R705
P--H-- B356A	5905-725-6995	RESISTOR, FIXED, COMPOSITION SAME AS A246	EA	1				REF	REF	REF			F37	A1A5A1R713
P--H-- B356B	5905-758-5230	RESISTOR, FIXED, COMPOSITION SAME AS A246A	EA	1				REF	REF	REF			F37	A1A5A1R713
P--H-- B357M	5905-892-6941	RESISTOR, FIXED, COMPOSITION SAME AS A358M	EA	1				REF	REF	REF			F37	A1A5A1R702
P--H-- B357A	5905-728-6138	RESISTOR, FIXED, COMPOSITION SAME AS A358A	EA	1				REF	REF	REF			F37	A1A5A1R702
P--H-- B358M	5905-683-2242	RESISTOR, FIXED, COMPOSITION SAME AS A359	EA	1				REF	REF	REF			F37	A1A5A1R712
P--H-- B358A	5905-734-1045	RESISTOR, FIXED, COMPOSITION SAME AS A359A	EA	1				REF	REF	REF			F37	A1A5A1R712

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) LYR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- B359M	5905-686-3119	RESISTOR, FIXED, COMPOSITION SAME AS A441M	EA	1				REF	REF	REF				A1A5A1R711
P--H-- B359A	5905-739-5004	RESISTOR, FIXED, COMPOSITION SAME AS A441A	EA	1	2			REF	REF	REF			F37	A1A5A1R711
P--H-- B360M	5905-682-4108	RESISTOR, FIXED, COMPOSITION SAME AS A443M	EA	1				REF	REF	REF			F37	A1A5A1R706
P--H-- B360A	5905-764-2472	RESISTOR, FIXED, COMPOSITION SAME AS A443A	EA	1	2			REF	REF	REF			F37	A1A5A1R706
P--H-- B361M	5905-825-5592	RESISTOR, FIXED, COMPOSITION RC07GF161J (81349)	EA	1				*	*	2	8	10	F37	A1A5A1R709
P--H-- B361A	5905-887-9762	RESISTOR, FIXED, COMPOSITION RCR07G161JM (81349)	EA	1	2			*	*	2	8	10	F37	A1A5A1R709
P--H-- B362M	5961-943-9179	RETAINER, TRANSISTOR TXB2P019-028B (98978)	EA	2	1,2			*	*	2	8	12	F37	A1A5A1MP2, A1A5A1MP7
P--H-- B362A	5310-043-4708	WASHER, FLAT SAME AS A894F	EA	2	1,2			REF	REF	REF			F37	A1A5A1MP2H1, A1A5A1MP7H1
P--H-- B365		ADHESIVE, SEALANT, EPOXY TYPE 760065-001 (05869)	PT	1				*	2	2	12	2	F37	A1A4A1MP3
P--H-- B366M	5961-646-4611	SEMICONDUCTOR DEVICE, DIODE SAME AS A366M	EA	2	1,2			REF	REF	REF			F37	A1A5A1CR701, A1A5A1CR702
P--H-- B368M		SLEEVING, TEFLON SAME AS A221A	EA	48	1,2			REF	REF	REF			F37	A1A5A1MP4, A1A5A1MP8 THRU A1A5A1MP54
P--H-- B415A		SLEEVING, TEFLON SAME AS A410A	EA	1	2			REF	REF	REF			F37	A1A5A1MP55
P--H-- B416M	5950-999-4825	TRANSFORMER, RADIO FREQUENCY 10634 (03550)	EA	1				*	*	2	8	10	F37	A1A5A1T717
P--H-- B416A	5950-999-5777	TRANSFORMER, RADIO FREQUENCY 15945 (03550)	EA	1	2			*	*	2	8	10	F37	A1A5A1T717
P--H-- B417M	5310-812-4294	NUT, PLAIN, HEXAGON SAME AS A963	EA	2	1,2			REF	REF	REF			F37	A1A5A1T717H2
P--H-- B418M	5305-531-9521	SCREW, MACHINE SAME AS A960	EA	2				REF	REF	REF			F37	A1A5A1T717H2
P--H-- B418A	5305-054-5637	SCREW, MACHINE SAME AS B346C	EA	2	2			REF	REF	REF			F37	A1A5A1T717H2
P--H-- B419M	5310-543-4652	WASHER, LOCK SAME AS A962	EA	2	1,2			REF	REF	REF			F37	A1A5A1T717H2
P--H-- B420M	5961-879-4964	TRANSISTOR 2N3339 (07263)	EA	2	1,2			*	*	2	8	20	F37	A1A5A1Q701, A1A5A1Q702
MD--H-- B422		TRAY, LOWER CHASSIS-RF UNIT 1541026 (05869)	EA	1									F37	A1A5A1MP5
MD--H-- B422A		TRAY, LOWER CHASSIS-RF UNIT 1596768 (05869)	EA	1	2								F37	A1A5A1MP5
P--H-- B423M		TUBING, EXPANDED SAME AS A283M	EA	1	1,2			REF	REF	REF			F37	A1A5A1MP6
A--H--S B424		TRAY ASSY, UPPER CHAS-RF UNIT 1559158 (05869)	EA	1									F35	A1A5A2
A--H--S B424A		TRAY ASSY, UPPER CHAS-RF UNIT 1596384 (05869)	EA	1	2								F35	A1A5A2
P--H-- B424B	5305-550-5002	SCREW, MACHINE SAME AS A125M	EA	10				REF	REF	REF			F35	A1A5A2H10
P--H-- B424C	5305-054-5647	SCREW, MACHINE SAME AS A468C	EA	9	2			REF	REF	REF			F35	A1A5A2H9
P--H-- B424E	5305-054-5653	SCREW, MACHINE MS51957-12 (96906)	EA	1	2			*	2	2	12	15	F35	A1A5A2H1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- B424F	5310-723-9676	WASHER, FLAT SAME AS A127M	EA	6				REF	REF	REF			F35	A1A5A2H6
P--H-- B425M	5910-904-4876	CAPACITOR, VAR, CER DIELECTRIC 538-003E2P0-94R (72982)	EA	16				*	*	*	5	128	F38	A1A5A2C703 THRU A1A5A2C706, A1A5A2C710 THRU A1A5A2C713, A1A5A2C720 THRU A1A5A2C723, A1A5A2C731, A1A5A2C733, A1A5A2C734, A1A5A2C736
P--H-- B425A	5910-905-6425	CAPACITOR, VAR, CER DIELECTRIC 538-003-110D (72982)	EA	16				*	*	*	5	128	F38	A1A5A2C703 THRU A1A5A2C706, A1A5A2C710 THRU A1A5A2C713, A1A5A2C720 THRU A1A5A2C723, A1A5A2C731, A1A5A2C733, A1A5A2C734, A1A5A2C736
P--H-- B441A	5910-902-0335	CAPACITOR, FXD, MICA DIELECTRIC CM05CD100D03 (81349)	EA	8				*	*	2	8	64	F38	A1A5A2C702, A1A5A2C709, A1A5A2C739, A1A5A2C740, A1A5A2C743, A1A5A2C744, A1A5A2C746, A1A5A2C747
P--H-- B449M	5910-615-5472	CAPACITOR, FXD, MICA DIELECTRIC DM15-821J (72136)	EA	1				*	*	2	8	24	F38	A1A5A2C737
P--H-- B450M	5910-683-3152	CAPACITOR, FXD, MICA DIELECTRIC SAME AS B331M	EA	1				REF	REF	REF			F38	A1A5A2C735
P--H-- B451M		CAPACITOR, FIXED, CER DIELECTRIC CT14-123K (90634)	EA	1				*	*	2	8	8	F38	A1A5A2C707
P--H-- B452M	5910-990-6745	CAPACITOR, FXD, MICA DIELECTRIC DM20F562J (72136)	EA	1				*	*	2	8	8	F38	A1A5A2C742
P--H-- B453M	5910-044-4016	CAPACITOR, FXD, MICA DIELECTRIC CM05D470J03 (81349)	EA	4				*	*	2	8	32	F38	A1A5A2C719, A1A5A2C741, A1A5A2C745, A1A5A2C748
P--H-- B457M	5910-082-5032	CAPACITOR, FXD, MICA DIELECTRIC CM05D331J03 (81349)	EA	1				*	*	2	8	8	F38	A1A5A2C732
P--H-- B458M	5910-954-5508	CAPACITOR, FXD, MICA DIELECTRIC CM05D241J03 (81349)	EA	1				*	*	2	8	8	F38	A1A5A2C730
P--H-- B459M		SLEEVING, TEFLON SAME AS B298M	EA	14				REF	REF	REF			F38	A1A5A2MP1, A1A5A2MP2, A1A5A2MP4 THRU A1A5A2MP15
P--H-- B472A		SLEEVING, TEFLON SAME AS A221A	EA	1				REF	REF	REF			F38	A1A5A2MP16
P--H-- B472B		SLEEVING, TEFLON SAME AS A410A	EA	1				REF	REF	REF			F38	A1A5A2MP17
P--H-- B473	5950-879-6077	TRANSFORMER, RADIO FREQUENCY 13236 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T701
P--H-- B473A	5950-497-5738	TRANSFORMER, RADIO FREQUENCY 15961 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T701
P--H-- B473B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1				REF	REF	REF			F38	A1A5A2T701H1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--H-- B474	5950-879-6079	TRANSFORMER, RADIO FREQUENCY 13237 (03550)	EA	1				"	"	2	8	10	F38	A1A5A2T702	
P--H-- B474A	5950-879-6079	TRANSFORMER, RADIO FREQUENCY 15962 (03550)	EA	1	2				"	"	2	8	10	F38	A1A5A2T702
P--H-- B474B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1	2				REF	REF	REF			F38	A1A5A2T702H1
P--H-- B475	5950-879-6080	TRANSFORMER, RADIO FREQUENCY 13238 (03550)	EA	1				"	"	2	8	10	F38	A1A5A2T703	
P--H-- B475A	5950-879-6080	TRANSFORMER, RADIO FREQUENCY 15963 (03550)	EA	1	2				"	"	2	8	10	F38	A1A5A2T703
P--H-- B475B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1	2				REF	REF	REF			F38	A1A5A2T703H1
P--H-- B476	5950-879-6104	TRANSFORMER, RADIO FREQUENCY 13422 (03550)	EA	1				"	"	2	8	10	F38	A1A5A2T704	
P--H-- B476A	5950-879-6104	TRANSFORMER, RADIO FREQUENCY 15964 (03550)	EA	1	2				"	"	2	8	10	F38	A1A5A2T704
P--H-- B476B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1	2				REF	REF	REF			F38	A1A5A2T704H1
P--H-- B477	5950-879-6081	TRANSFORMER, RADIO FREQUENCY 13239 (03550)	EA	1				"	"	2	8	10	F38	A1A5A2T705	
P--H-- B477A	5950-879-6081	TRANSFORMER, RADIO FREQUENCY 15965 (03550)	EA	1	2				"	"	2	8	10	F38	A1A5A2T705
P--H-- B477B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1	2				REF	REF	REF			F38	A1A5A2T705H1
P--H-- B478	5950-879-6082	TRANSFORMER, RADIO FREQUENCY 13240 (03550)	EA	1				"	"	2	8	10	F38	A1A5A2T706	
P--H-- B478A	5950-879-6082	TRANSFORMER, RADIO FREQUENCY 15966 (03550)	EA	1	2				"	"	2	8	10	F38	A1A5A2T706
P--H-- B478B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1	2				REF	REF	REF			F38	A1A5A2T706H1
P--H-- B479	5950-879-6083	TRANSFORMER, RADIO FREQUENCY 13241 (03550)	EA	1				"	"	2	8	10	F38	A1A5A2T707	
P--H-- B479A	5950-879-6083	TRANSFORMER, RADIO FREQUENCY 15967 (03550)	EA	1	2				"	"	2	8	10	F38	A1A5A2T707
P--H-- B479B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1	2				REF	REF	REF			F38	A1A5A2T707H1
P--H-- B480	5950-879-6109	TRANSFORMER, RADIO FREQUENCY 13423 (03550)	EA	1				"	"	2	8	10	F38	A1A5A2T708	
P--H-- B480A	5950-879-6109	TRANSFORMER, RADIO FREQUENCY 15968 (03550)	EA	1	2				"	"	2	8	10	F38	A1A5A2T708
P--H-- B480B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1	2				REF	REF	REF			F38	A1A5A2T708H1
P--H-- B481	5950-879-6084	TRANSFORMER, RADIO FREQUENCY 13242 (03550)	EA	1				"	"	2	8	10	F38	A1A5A2T709	
P--H-- B481A	5950-879-6084	TRANSFORMER, RADIO FREQUENCY 15969 (03550)	EA	1	2				"	"	2	8	10	F38	A1A5A2T709
P--H-- B481B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1	2				REF	REF	REF			F38	A1A5A2T709H1
P--H-- B482	5950-879-6090	TRANSFORMER, RADIO FREQUENCY 13243 (03550)	EA	1				"	"	2	8	10	F38	A1A5A2T710	
P--H-- B482A	5950-879-6090	TRANSFORMER, RADIO FREQUENCY 15970 (03550)	EA	1	2				"	"	2	8	10	F38	A1A5A2T710
P--H-- B482B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1	2				REF	REF	REF			F38	A1A5A2T710H1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALWP PER EQUIP CNTGNCY	(9) DEPOT MAINT ALWP PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- B483	5950-879-6091	TRANSFORMER, RADIO FREQUENCY 13244 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T711
P--H-- B483A		TRANSFORMER, RADIO FREQUENCY 15971 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T711
P--H-- B483B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1				REF	REF	REF			F38	A1A5A2T711H1
P--H-- B484	5950-879-6135	TRANSFORMER, RADIO FREQUENCY 13424 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T712
P--H-- B484A	5950-879-6135	TRANSFORMER, RADIO FREQUENCY 15972 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T712
P--H-- B484B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1				REF	REF	REF			F38	A1A5A2T712H1
P--H-- B485	5950-011-4381	TRANSFORMER, RADIO FREQUENCY 13246 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T713
P--H-- B485A	5950-011-4381	TRANSFORMER, RADIO FREQUENCY 15973 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T713
P--H-- B485B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1				REF	REF	REF			F38	A1A5A2T713H1
P--H-- B486	5950-879-6140	TRANSFORMER, RADIO FREQUENCY 13431 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T714
P--H-- B486A	5950-879-6140	TRANSFORMER, RADIO FREQUENCY 15974 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T714
P--H-- B486B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1				REF	REF	REF			F38	A1A5A2T714H1
P--H-- B487	5950-879-6096	TRANSFORMER, RADIO FREQUENCY 13247 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T715
P--H-- B487A	5950-879-6096	TRANSFORMER, RADIO FREQUENCY 15975 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T715
P--H-- B487B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1				REF	REF	REF			F38	A1A5A2T715H1
P--H-- B488	5950-879-6097	TRANSFORMER, RADIO FREQUENCY 13248 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T716
P--H-- B488A		TRANSFORMER, RADIO FREQUENCY 15976 (03550)	EA	1				*	*	2	8	10	F38	A1A5A2T716
P--H-- B488B	5310-764-9564	WASHER, FLAT SAME AS A631E	EA	1				REF	REF	REF			F38	A1A5A2T716H1
MD-H-- B489M		TRAY, UPPER CHASSIS-RF UNIT 1541030 (05869)	EA	1									F38	A1A5A2MP3
P--F-S B490	5820-089-7882	SYNTHESIZER, RECEIVER-XMTR 1550162-100 (05869)	EA	1	5	13	25	2	2	3	297	2	F7	A1A6
P--F-S B490A	5820-140-7397	SYNTHESIZER, RECEIVER-XMTR 1550162-101 (05869)	EA	1	5	13	25	2	2	3	297	2	F7	A1A6
MD-H-- B491M	5940-726-9525	BARRIER, TERMINAL 411-1904JJ4 (75382)	EA	1				*	*	2	8	15	F40	A1A6T8601
P--H-- B491A	5305-264-2317	SCREW, MACHINE AN515C4-10 (81349)	EA	2				*	2	2	12	30	F40	A1A6T8601H2
P--H-- B491B	5305-543-2767	SCREW, MACHINE MS35233-18 (96906)	EA	2				*	2	2	12	180	F40	A1A6T8601H2
P--H-- B491C	5310-723-9676	WASHER, FLAT SAME AS A127M	EA	2				REF	REF	REF			F40	A1A6T8601H2
P--H-- B491E	5310-058-2949	WASHER, LOCK SAME AS A914A	EA	2				REF	REF	REF			F40	A1A6T8601H2
MD-H-- B491F		BRACKET, 1KHZ CRYSTAL SWITCH 1592641 (05869)	EA	1									F39	A1A6MP7

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
					USABLE ON CODE									
P--H-- B491G	5310-813-6950	NUT, SELF-LOCKING NAS1291C02M (80205)	EA	1				*	*	2	8	30	F38	A1A6MP7H1
P--H-- B491H	5305-993-9189	SCREW, MACHINE SAME AS A916E	EA	1				REF	REF	REF			F39	A1A6MP7H1
P--H-- B491I	5310-043-4708	WASHER, FLAT SAME AS A894F	EA	1				REF	REF	REF			F39	A1A6MP7H1
P--H-- B491J	5310-595-6425	WASHER, FLAT AN960C4L (81349)	EA	4				*	2	2	12	80	F39	A1A6MP7H4
P--H-- B492M		CAPACITOR, FIXED, CER DIELECTRIC SAME AS A384A	EA	1	1,2			REF	REF	REF			F39	A1A6C688
P--H-- B493M	5910-947-6563	CAPACITOR, VAR, AIR DIELECTRIC 160-107 (74970)	EA	1	1,2			*	*	*	8	8	F40	A1A6C601
P--H-- B494M	5910-192-2406	CAPACITOR, VAR, AIR DIELECTRIC 160-110 (74970)	EA	1	1,2			*	*	*	5	5	F40	A1A6C628
P--H-- B495M	5910-863-5399	CAPACITOR, FIXED, CER DIELECTRIC 287A (91984)	EA	8	1,2			*	*	2	8	64	F40	A1A6C683 THRU A1A6C687, A1A6C689 THRU A1A6C691
P--H-- B503M	5310-103-7574	WASHER, LOCK 995606-005 (82577)	EA	4	1,2			*	2	2	12	80	F40	A1A6C691H4
P--H-- B504M	5910-894-0734	CAPACITOR, FXD, MICA DIELECTRIC CD10C050K03 (93790)	EA	1	1,2			*	*	2	8	40	F40	A1A6C629
A--H-S B505		CHASSIS, SYNTHESIZER 1559159 (05869)	EA	1									F40	A1A6A9
A--H-S B505A		CHASSIS, SYNTHESIZER 1596358 (05869)	EA	1	2								F40	A1A6A9
P--H-- B506M	5305-531-9520	SCREW, MACHINE M535233-2 (96906)	EA	7	1,2			*	2	2	12	105	F39	A1A6A9H7
MD--H-- B507		CASE 1559159-099 (05869)	EA	1									F42	A1A6A9MP1
MD--H-- B507A		CASE 1596358-099 (05869)	EA	1	2								F42	A1A6A9MP1
P--H-- B508	5310-687-7715	NUT, ANCHOR 22LHA27M22-62 (13257)	EA	2				*	*	2	8	30	F42	A1A6A9MP1H2
P--H-- B508A	5310-843-7635	NUT, SELF-LOCKING, PLATE MF6001-06 (75237)	EA	2				*	*	2	8	30	F42	A1A6A9MP1H2
P--H-- B509M	5310-680-5270	NUT, SELF-LOCKING, PLATE SAME AS A302M	EA	4	1,2			REF	REF	REF			F42	A1A6A9MP1H4
P--D-- B510M	5320-117-6010	RIVET, SOLID MS20426AD2-3 (96906)	EA	12							12	180	F42	A1A6A9MP1H12
P--H-- B510A	5320-117-6936	RIVET, SOLID MS20426AD3-2 (96906)	EA	4	2			*	*	2	12	60	F42	A1A6A9MP1H4
P--H-- B510B	5320-233-4781	RIVET, SOLID SAME AS A303M	EA	8	2			REF	REF	REF			F42	A1A6A9MP1H8
MD--H-- B511		DIVIDER 1559159-096 (05869)	EA	2									F42	A1A6A9MP2, A1A6A9MP8
MD--H-- B513		DIVIDER 1559159-097 (05869)	EA	1									F42	A1A6A9MP3
MD--H-- B514		DIVIDER 1559159-098 (05869)	EA	1									F42	A1A6A9MP4
P--H-- B514A	5970-495-1196	INSULATION TAPE, ELECTRICAL MIL-I-15126 1 1-2W (81349)	RL	1	2			*	*	2	8	3	F42	A1A6A9MP20
P--H-- B515M		NUT, STAND-OFF S05440-22 (46384)	EA	12	1,2			*	*	2	8	180	F42	A1A6A9MP5, A1A6A9MP9 THRU A1A6A9MP19

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
M--D-- B527		PLATE 1559159-094 (05869)	EA	1									F41	A1A6A9MP6
MD-H-- B528		PLATE 1559159-095 (05869)	EA	1									F41	A1A6A9MP7
P--H-- B529M		NUT, STAND-OFF S05440-20 (46384)	EA	2				*	*	2	8	30	F42	A1A6A9E1, A1A6A9E2
P--H-- B531M	5950-704-1993	COIL, RADIO FREQUENCY MS75008-40 (96906)	EA	1				*	*	2	8	8	F39	A1A6L604
P--H-- B532M	5950-703-0907	COIL, RADIO FREQUENCY MS75008-42 (96906)	EA	2				*	*	2	8	40	F39	A1A6L612, A1A6L613
P--H-- B534M	5950-727-2680	COIL, RADIO FREQUENCY SAME AS B064M	EA	3				REF	REF	REF			F39	A1A6L614 THRU A1A6L616
P--H-- B537M	5950-726-6756	COIL, RADIO FREQUENCY MS75052-3 (96906)	EA	2				*	*	2	8	24	F39	A1A6L610, A1A6L611
P--H-- B539A	3040-137-5861	COUPLER, SHAFT 1596483-001 (05869)	EA	2				*	*	*	4		F40	A1A6CP1, A1A6CP4
P--H-- B539B	5305-777-6010	SETSCREW SAME AS A967C	EA	4				REF	REF	REF			F40	A1A6CP1H2, A1A6CP4H2
P--H-- B542A		COUPLER, SHAFT SAME AS A967A	EA	3				REF	REF	REF			F39	A1A6CP2, A1A6CP5, A1A6CP6
P--H-- B542B		COUPLER, SHAFT SAME AS A967A	EA	4				REF	REF	REF			F39	A1A6CP2, A1A6CP3, A1A6CP5, A1A6CP6
P--H-- B542C	5305-777-6010	SETSCREW SAME AS A967C	EA	6				REF	REF	REF			F39	A1A6CP2H2, A1A6CP5H2, A1A6CP6H2
P--H-- B546	3040-089-9050	COUPLER, SHAFT SAME AS B291	EA	1				REF	REF	REF			F39	A1A6CP3
P--H-- B547A		SETSCREW SAME AS B292A	EA	2				REF	REF	REF			F39	A1A6CP3H2
P--H-- B547B	5305-777-6010	SETSCREW SAME AS A967C	EA	2				REF	REF	REF			F39	A1A6CP3H2
MD-H-- B548		COVER-SYNTHESIZER 1540963	EA	2									F39	A1A6A10, A1A6A11
MD-H-- B548A		COVER-SYNTHESIZER 1596569 (05869)	EA	2									F39	A1A6A10, A1A6A11
P--H-- B548B	5305-471-5119	NUT, CLINCH, FLUSH MOUNTING 22NCFMA1-26 (13257)	EA	4				*	*	2	8	150	F41	A1A6A10MP1 THRU A1A6A10MP4, A1A6A11MP1 THRU A1A6A11MP4
MD-H-- B552M		COVER, SYNTHESIZER 1540989 (05869)	EA	1									F39	A1A6A12
P--H-- B553M		NUT, CLINCH, FLUSH MOUNTING SAME AS B548B	EA	2				REF	REF	REF			F39	A1A6A12MP1, A1A6A12MP2
P--H-- B558		INSULATION, SLEEVEING SAME AS A221	EA	6				REF	REF	REF			F39	A1A6MP4, A1A6MP8 THRU A1A6MP12
P--H-- B564M	5740-703-3112	TERMINAL LUG 2168-12-01 (78189)	EA	7				*	*	2	12	240	F39	A1A6E1 THRU A1A6E7
M--D-- B571		NAMEPLATE 1559161-004 (05869)	EA	1									F39	A1A6MP5
M--D-- B571A		NAMEPLATE 1596480-003 (05869)	EA	1									F39	A1A6MP5

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					USABLE ON CODE	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50			(c) 51-100	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
A--H--S B572		100KHZ MIXER-AMPL, SYNTHESIZER 1541000 (05869)	EA	1								F40	A1A6A7		
A--H--S B572A		100KHZ MIXER-AMPL, SYNTHESIZER 1596415 (05869)	EA	1	2							F40	A1A6A7		
P--H-- B573M	5305-543-2767	SCREW, MACHINE SAME AS B491B	EA	4	1,2				REF	REF	REF		F46	A1A6A7H4	
P--H-- B574M	5310-723-9676	WASHER, FLAT SAME AS A127M	EA	4	1,2				REF	REF	REF		F46	A1A6A7H4	
P--H-- B575M	5310-058-2949	WASHER, LOCK SAME AS A914A	EA	4	1,2				REF	REF	REF		F40	A1A6A7H4	
P--H-- B576M	5910-760-6878	CAPACITOR, FXD, MICA DIELECTRIC SAME AS A169M	EA	7	1,2				REF	REF	REF		F43	A1A6A7C639 THRU A1A6A7C641, A1A6A7C645 THRU A1A6A7C648	
P--H-- B583M	5910-926-2362	CAPACITOR, FXD, MICA DIELECTRIC CD10C300J03 (93790)	EA	4	1,2				**	**	2	8	40	F43	A1A6A7C642, A1A6A7C644, A1A6A7C649, A1A6A7C651
P--H-- B587M	5910-882-3775	CAPACITOR, VAR, CER DIELECTRIC SAME AS B267A	EA	2	1,2				REF	REF	REF		F43	A1A6A7C643, A1A6A7C650	
P--H-- B589	5820-945-4314	CIRCUIT BOARD-100KHZ MIXER-AMPL 1541001 (05869)	EA	1					**	**	2	8	2	F43	A1A6A7TB1
P--H-- B589A	5820-437-4886	CIRCUIT BOARD-100KHZ MIXER-AMPL 1596599 (05869)	EA	1	2				**	**	2	8	2	F43	A1A6A7TB1
X1--H-- B590		BOARD, COPPER CLAD 1541001-099 (05869)	EA	1										F43	A1A6A7TB1MP1
X1--H-- B591M		TERMINAL STUD MS17122-5 (96906)	EA	11	1,2									F43	A1A6A7TB1E1 THRU A1A6A7TB1E11
P--H-- B602M	5950-703-0907	COIL, RADIO FREQUENCY SAME AS B532M	EA	2	1,2				REF	REF	REF		F43	A1A6A7L606, A1A6A7L607	
P--H-- B604		INSULATION, SLEEVING SAME AS A221	EA	3					REF	REF	REF		F43	A1A6A7MP2 THRU A1A6A7MP4	
P--H-- B606A		INSULATION, SLEEVING SAME AS A221A	EA	1	2				REF	REF	REF		F43	A1A6A7MP5	
P--H-- B606B		INSULATION, SLEEVING SAME AS A410A	EA	1	2				REF	REF	REF		F43	A1A6A7MP6	
P--H-- B607M	5970-956-4973	INSULATOR, DISC SAME AS A337M	EA	2					REF	REF	REF		F43	A1A6A7E1, A1A6A7E2	
P--H-- B607A	5970-052-9583	INSULATOR, DISC 10109DAP (07047)	EA	2	2				**	**	2	8	20	F43	A1A6A7E1, A1A6A7E2
P--H-- B609	5905-681-6462	RESISTOR, FIXED, COMPOSITION SAME AS A236	EA	1					REF	REF	REF		F43	A1A6A7R617	
P--H-- B609A	5905-734-0804	RESISTOR, FIXED, COMPOSITION SAME AS A236A	EA	1	2				REF	REF	REF		F43	A1A6A7R617	
P--H-- B610	5905-686-9998	RESISTOR, FIXED, COMPOSITION RC07GF472J (81349)	EA	1					**	**	2	8	10	F43	A1A6A7R618
P--H-- B610A	5905-734-1046	RESISTOR, FIXED, COMPOSITION RCR07G472JM (81349)	EA	1	2				**	**	2	8	10	F43	A1A6A7R618
P--H-- B611	5905-683-2246	RESISTOR, FIXED, COMPOSITION SAME AS A238	EA	1					REF	REF	REF		F43	A1A6A7R616	
P--H-- B611A	5905-776-6212	RESISTOR, FIXED, COMPOSITION SAME AS A238A	EA	1	2				REF	REF	REF		F43	A1A6A7R616	
P--H-- B612M	5905-686-3368	RESISTOR, FIXED, COMPOSITION SAME AS A356M	EA	1					REF	REF	REF		F43	A1A6A7R615	

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					USABLE ON CODE	(a)	(b)	(c)	(a)	(b)			(c)	(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
						1-20	21-50	51-100	1-20	21-50			51-100		
P--H-- B612A	5905-887-9763	RESISTOR, FIXED, COMPOSITION SAME AS A356A	EA	1				REF	REF	REF			F43	A1A6A7R615	
P--H-- B613	5905-681-9970	RESISTOR, FIXED, COMPOSITION RC07GF822J (81349)	EA	1				*	*	2	8	10	F43	A1A6A7R619	
P--H-- B613A	5905-734-1150	RESISTOR, FIXED, COMPOSITION RCR07G822JM (81349)	EA	1				*	*	2	8	10	F43	A1A6A7R619	
P--H-- B614M	5905-683-2242	RESISTOR, FIXED, COMPOSITION RC07GF471J (81349)	EA	1				REF	REF	REF			F43	A1A6A7R638	
P--H-- B614A	5905-734-1045	RESISTOR, FIXED, COMPOSITION RCR07G471JM (81349)	EA	1				REF	REF	REF			F43	A1A6A7R638	
P--H-- B615	5905-683-2239	RESISTOR, FIXED, COMPOSITION RC07GF201J (81349)	EA	1				*	*	2	8	30	F43	A1A6A7R614	
P--H-- B615A	5905-764-2772	RESISTOR, FIXED, COMPOSITION RCR07G201JM (81349)	EA	1				*	*	2	8	30	F43	A1A6A7R614	
P--H-- B616M	5905-686-3122	RESISTOR, FIXED, COMPOSITION SAME AS A444M	EA	1				REF	REF	REF			F43	A1A6A7R620	
P--H-- B616A	5905-764-2775	RESISTOR, FIXED, COMPOSITION SAME AS A444A	EA	1				REF	REF	REF			F43	A1A6A7R620	
P--H-- B617	5961-572-9486	SEMICONDUCTOR DEVICE, DIODE FA2003 (13715)	EA	1				*	*	*	5	10	F43	A1A6A7CR603	
P--H-- B617A	5961-924-4022	SEMICONDUCTOR DEVICE, DIODE JAN1N4306 (81349)	EA	1				*	*	*	5	10	F43	A1A6A7CR603	
P--H-- B618M	5950-945-3754	TRANSFORMER, RADIO FREQUENCY 995546-001 (22224)	EA	2				*	*	2	8	30	F43	A1A6A7T605, A1A6A7T606	
P--H-- B620	5950-944-4768	TRANSFORMER, RADIO FREQUENCY 10627 (03550)	EA	2				*	*	2	8	20	F43	A1A6A7T607, A1A6A7T609	
P--H-- B620A	5950-627-6320	TRANSFORMER, RADIO FREQUENCY 15954 (03550)	EA	2				*	*	2	8	20	F43	A1A6A7T607, A1A6A7T609	
P--H-- B622	5950-944-4654	TRANSFORMER, RADIO FREQUENCY 10628 (03550)	EA	2				*	*	2	8	20	F43	A1A6A7T608, A1A6A7T610	
P--H-- B622A		TRANSFORMER, RADIO FREQUENCY 15955 (03550)	EA	2				*	*	2	8	20	F43	A1A6A7T608, A1A6A7T610	
P--H-- B624M	5961-052-2090	TRANSISTOR JAN2N744 (81349)	EA	2				*	*	2	8	30	F43	A1A6A7Q605, A1A6A7Q606	
A--H-S B626		100KHZ CRYSTAL SWITCH-OSC ASSY 1541002 (05869)	EA	1									F39	A1A6A3	
A--H-S B626A		100KHZ CRYSTAL SWITCH-OSC ASSY 1596767 (05869)	EA	1									F39	A1A6A3	
P--H-- B627	5310-812-4294	NUT, PLAIN, HEXAGON SAME AS A963	EA	1				REF	REF	REF			F39	A1A6A3H1	
P--H-- B627A	5310-813-6950	NUT, SELF-LOCKING SAME AS B491G	EA	1				REF	REF	REF			F39	A1A6A3H1	
P--H-- B628M		SCREW, PANHEAD 996722-101 (70318)	EA	1				*	2	2	12	15	F39	A1A6A3H1	
P--H-- B629M		SPACER, METALLIC 996944-001 (05046)	EA	1				*	2	2	12	5	F39	A1A6A3H1	
P--H-- B630M		WASHER, FLAT 399907 (76854)	EA	1				*	2	2	12	20	F39	A1A6A3H1	
P--H-- B631M	5310-167-0797	WASHER, FLAT AN960C3 (81349)	EA	1				*	2	2	12	20	F39	A1A6A3H1	
P--H-- B632	5310-543-4652	WASHER, LOCK SAME AS A962	EA	1				REF	REF	REF			F39	A1A6A3H1	
P--H-- B632A	5310-043-4708	WASHER, FLAT SAME AS A894F	EA	1				REF	REF	REF			F39	A1A6A3H1	

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- 533		INSULATION, SLEEVING SAME AS B033	EA	10				REF	REF	REF			F44	A1A6A3MP1 THRU A1A6A3MP10
-H-- .642A		INSULATION SLEEVING, ELECTRICAL SAME AS A221A	EA	1				REF	REF	REF			F44	A1A6A3MP11
A--H--S B643		100KHZ OSCILLATOR-SYNTHESIZER 1541003 (05869)	EA	1				*	*	*	4	2	F44	A1A6A3Y1
A--H--S B643A		100KHZ OSCILLATOR-SYNTHESIZER 1596482 (05869)	EA	1				*	*	*	4	2	F44	A1A6A3Y1
P--H-- B644M	5910-760-6878	CAPACITOR, FXD, MICA DIELECTRIC SAME AS A169M	EA	1				REF	REF	REF			F45	A1A6A3Y1C654
P--H-- B644A	5910-999-7767	CAPACITOR, FXD, MICA DIELECTRIC SAME AS B057M	EA	1				REF	REF	REF			F45	A1A6A3Y1C6105
P--H-- B645M	5910-999-7769	CAPACITOR, FXD, MICA DIELECTRIC CD10C390J03 (93790)	EA	1				*	*	*	5	16	F45	A1A6A3Y1C655
P--H-- B646A	5910-945-0009	CAPACITOR, FXD, MICA DIELECTRIC CD10C200J03 (93790)	EA	1				*	*	2	8	24	F45	A1A6A3Y1C656
P--H-- B647M	5910-857-9192	CAPACITOR, FXD, CER DIELECTRIC SAME AS A924M	EA	2				REF	REF	REF			F45	A1A6A3Y1C652, A1A6A3Y1C653
P--H-- B649	5820-999-7978	CIRCUIT BOARD-100KHZ-1MHZ OSC 1541004 (05869)	EA	1				*	*	2	8	2	F45	A1A6A3Y1TB1
P--H-- B649A		CIRCUIT BOARD-100KHZ-1MHZ OSC 1596419 (05869)	EA	1				*	*	2	8	2	F45	A1A6A3Y1TB1
X1-H-- B650		BOARD, COPPER CLAD 1541004-099 (05869)	EA	1									F45	A1A6A3Y1TB1MP1
X1-H-- B651M		TERMINAL STUD SAME AS A320	EA	7				REF	REF	REF			F45	A1A6A3Y1TB1E1, A1A6A3Y1TB1E3 THRU A1A6A3Y1TB1E8
X1-H-- B658M	5940-271-4030	TERMINAL STUD SAME AS B591M	EA	1				REF	REF	REF			F45	A1A6A3Y1TB1E2
-H-- 659	5950-802-3607	COIL, RADIO FREQUENCY RFGS33 (08742)	EA	1				*	*	2	8	8	F45	A1A6A3Y1L608
P--H-- B659A	5950-926-3127	COIL, RADIO FREQUENCY MS90537-31 (96906)	EA	1				*	*	2	8	8	F45	A1A6A3Y1L608
P--H-- B660	5955-999-4838	CRYSTAL UNIT, QUARTZ 996569-002 (73293)	EA	1				*	*	*	5	6	F45	A1A6A3Y1Y621
P--H-- B660A	5955-999-4838	CRYSTAL UNIT, QUARTZ ERC1166-002 (13571)	EA	1				*	*	*	5	6	F45	A1A6A3Y1Y621
P--H-- B661	5955-999-4839	CRYSTAL UNIT, QUARTZ 996569-003 (73293)	EA	1				*	*	*	5	6	F45	A1A6A3Y1Y622
P--H-- B661A	5955-999-4839	CRYSTAL UNIT, QUARTZ ERC1166-003 (13571)	EA	1				*	*	*	5	6	F45	A1A6A3Y1Y622
P--H-- B662	5955-999-4840	CRYSTAL UNIT, QUARTZ 996569-004 (73293)	EA	1				*	*	*	5	6	F45	A1A6A3Y1Y623
P--H-- B662A		CRYSTAL UNIT, QUARTZ ERC1166-004 (13571)	EA	1				*	*	*	5	6	F45	A1A6A3Y1Y623
P--H-- B663	5955-999-4841	CRYSTAL UNIT, QUARTZ 996569-005 (73293)	EA	1				*	*	*	5	6	F45	A1A6A3Y1Y624
P--H-- B663A	5955-999-4841	CRYSTAL UNIT, QUARTZ ERC1166-005 (13571)	EA	1				*	*	*	5	6	F45	A1A6A3Y1Y624
P--H-- B664	5955-999-4842	CRYSTAL UNIT, QUARTZ 996569-006 (73293)	EA	1				*	*	*	5	6	F45	A1A6A3Y1Y625
P--H-- B664A	5955-999-4842	CRYSTAL UNIT, QUARTZ ERC1166-006 (13571)	EA	1				*	*	*	5	6	F45	A1A6A3Y1Y625
P--H-- B665	5955-999-4843	CRYSTAL UNIT, QUARTZ 996569-007 (73293)	EA	1				*	*	*	5	6	F45	A1A6A3Y1Y626

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- B665A	5225-497-5324	CRYSTAL UNIT, QUARTZ ERC1166-007 (13571)	EA	1				"	"	"	5	6	F45	A1A6A3Y1Y626
P--H-- B666	5955-999-4844	CRYSTAL UNIT, QUARTZ 996569-008 (73293)	EA	1				"	"	"	5	6	F45	A1A6A3Y1Y627
P--H-- B666A	5955-999-4844	CRYSTAL UNIT, QUARTZ ERC1166-008 (13571)	EA	1				"	"	"	5	6	F45	A1A6A3Y1Y627
P--H-- B667	5955-999-4845	CRYSTAL UNIT, QUARTZ 996569-009 (73293)	EA	1				"	"	"	5	6	F45	A1A6A3Y1Y628
P--H-- B667A	5955-999-4845	CRYSTAL UNIT, QUARTZ ERC1166-009 (13571)	EA	1				"	"	"	5	6	F45	A1A6A3Y1Y628
P--H-- B668	5955-999-4846	CRYSTAL UNIT, QUARTZ 996569-010 (73293)	EA	1				"	"	"	5	12	F45	A1A6A3Y1Y629
P--H-- B668A	5955-999-4846	CRYSTAL UNIT, QUARTZ ERC1166-010 (13571)	EA	1				"	"	"	5	12	F45	A1A6A3Y1Y629
P--H-- B669	5955-999-4847	CRYSTAL UNIT, QUARTZ 996569-011 (73293)	EA	1				"	"	"	5	6	F45	A1A6A3Y1Y630
P--H-- B669A	5955-999-4847	CRYSTAL UNIT, QUARTZ ERC1166-011 (13571)	EA	1				"	"	"	5	6	F45	A1A6A3Y1Y630
P--H-- B670M	5970-956-4973	INSULATOR, DISC SAME AS A337M	EA	1				REF	REF	REF			F45	A1A6A3Y1E1
P--H-- B671M	5905-685-2238	RESISTOR, FIXED, COMPOSITION SAME AS A344M	EA	1				REF	REF	REF			F45	A1A6A3Y1R623
P--H-- B671A	5905-734-1003	RESISTOR, FIXED, COMPOSITION SAME AS A344A	EA	1				REF	REF	REF			F45	A1A6A3Y1R623
P--H-- B672M	5905-683-2242	RESISTOR, FIXED, COMPOSITION SAME AS A359M	EA	2				REF	REF	REF			F45	A1A6A3Y1R621, A1A6A3Y1R624
P--H-- B672A	5905-734-1045	RESISTOR, FIXED, COMPOSITION SAME AS A359A	EA	2				REF	REF	REF			F45	A1A6A3Y1R621, A1A6A3Y1R624
P--H-- B674M	5905-686-3838	RESISTOR, FIXED, COMPOSITION SAME AS A617M	EA	1				REF	REF	REF			F45	A1A6A3Y1R622
P--H-- B674A	5905-754-7892	RESISTOR, FIXED, COMPOSITION SAME AS A617A	EA	1				REF	REF	REF			F45	A1A6A3Y1R622
P--H-- B675	5905-683-2239	RESISTOR, FIXED, COMPOSITION SAME AS B615	EA	1				REF	REF	REF			F45	A1A6A3Y1R625
P--H-- B675A	5905-764-2772	RESISTOR, FIXED, COMPOSITION SAME AS B615A	EA	1				REF	REF	REF			F45	A1A6A3Y1R625
P--H-- B676	5950-944-4653	TRANSFORMER, RADIO FREQUENCY 10629 (03550)	EA	1				"	"	2	8	10	F45	A1A6A3Y1T611
P--H-- B676A	5950-944-4653	TRANSFORMER, RADIO FREQUENCY 15956 (03550)	EA	1				"	"	2	8	10	F45	A1A6A3Y1T611
P--H-- B677M	5961-842-6937	TRANSISTOR SAME AS A259B	EA	1				REF	REF	REF			F45	A1A6A3Y1Q607
P--H-- B678M		SWITCH, ROTARY 257348A1 (76854)	EA	1				"	2	2	12	25	F44	A1A6A3S603
A--H-S B679		1KHZ CRYSTAL SWITCH ASSY 1540994 (05869)	EA	1									F39	A1A6A1
A--H-S B679A		1KHZ CRYSTAL SWITCH ASSY 1596411 (05869)	EA	1									F39	A1A6A1
P--H-- B680	5955-999-4939	CRYSTAL UNIT, QUARTZ 996567-002 (73293)	EA	1				"	"	"	5	12	F46	A1A6A1Y601
P--H-- B680A	5955-999-4939	CRYSTAL UNIT, QUARTZ ERC1168-002 (13571)	EA	2				"	"	"	5	12	F46	A1A6A1Y601, A1A6A1Y647
P--H-- B681	5955-944-4666	CRYSTAL UNIT, QUARTZ 996567-003 (73293)	EA	1				"	"	"	5	6	F46	A1A6A1Y602

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--H-- B681A	5955-944-7339	CRYSTAL UNIT, QUARTZ ERC1168-003 (13571)	2	EA	1				**	**	**	5	6	F46	A1A6A1Y602
P--H-- B682	5955-944-4667	CRYSTAL UNIT, QUARTZ 996567-004 (73293)		EA	1				**	**	**	5	6	F46	A1A6A1Y603
P--H-- B682A	5955-944-7343	CRYSTAL UNIT, QUARTZ ERC1168-004 (13571)	2	EA	1				**	**	**	5	6	F46	A1A6A1Y603
P--H-- B683	5955-944-4779	CRYSTAL UNIT, QUARTZ 996567-005 (73293)		EA	1				**	**	**	5	6	F46	A1A6A1Y604
P--H-- B683A		CRYSTAL UNIT, QUARTZ ERC1168-005 (13571)	2	EA	1				**	**	**	5	6	F46	A1A6A1Y604
P--H-- B684	5955-944-4780	CRYSTAL UNIT, QUARTZ 996567-006 (73293)		EA	1				**	**	**	5	6	F46	A1A6A1Y605
P--H-- B684A		CRYSTAL UNIT, QUARTZ ERC1168-006 (13571)	2	EA	1				**	**	**	5	6	F46	A1A6A1Y605
P--H-- B685	5955-944-4781	CRYSTAL UNIT, QUARTZ 996567-007 (73293)		EA	1				**	**	**	5	6	F46	A1A6A1Y606
P--H-- B685A	5955-944-1346	CRYSTAL UNIT, QUARTZ ERC1168-007 (13571)	2	EA	1				**	**	**	5	6	F46	A1A6A1Y606
P--H-- B686	5955-944-4782	CRYSTAL UNIT, QUARTZ 996567-008 (73293)		EA	1				**	**	**	5	6	F46	A1A6A1Y607
P--H-- B686A	5955-944-7341	CRYSTAL UNIT, QUARTZ ERC1168-008 (13571)	2	EA	1				**	**	**	5	6	F46	A1A6A1Y607
P--H-- B687	5955-944-4783	CRYSTAL UNIT, QUARTZ 996567-009 (73293)		EA	1				**	**	**	5	6	F46	A1A6A1Y608
P--H-- B687A	5955-944-7342	CRYSTAL UNIT, QUARTZ ERC1168-009 (13571)	2	EA	1				**	**	**	5	6	F46	A1A6A1Y608
P--H-- B688	5955-944-4769	CRYSTAL UNIT, QUARTZ 996567-010 (73293)		EA	1				**	**	**	5	6	F46	A1A6A1Y609
P--H-- B688A	5955-944-7343	CRYSTAL UNIT, QUARTZ ERC1168-010 (13571)	2	EA	1				**	**	**	5	6	F46	A1A6A1Y609
P--H-- B689	5955-944-4665	CRYSTAL UNIT, QUARTZ 996567-011 (73293)		EA	1				**	**	**	5	6	F46	A1A6A1Y610
P--H-- B689A	5955-944-7344	CRYSTAL UNIT, QUARTZ ERC1168-011 (13571)	2	EA	1				**	**	**	5	6	F46	A1A6A1Y610
P--H-- B690	5995-999-4836	HOLDER, CRYSTAL 1540998 (05869)		EA	1				**	**	2	8	2	F46	A1A6A1XY610
P--H-- B690A	5995-999-5813	HOLDER, CRYSTAL 1598019 (05869)	2	EA	1				**	**	2	8	2	F46	A1A6A1XY610
P--H-- B691		INSULATION, SLEEVING SAME AS B033		EA	20				REF	REF	REF			F46	A1A6A1MP1 THRU A1A6A1MP20
P--H-- B710A		INSULATION SLEEVING, ELECTRICAL SAME AS A221A	2	EA	1				REF	REF	REF			F46	A1A6A1MP21
A--H--S B711		1KHZ TRIMMER-SYNTHESIZER 1540995 (05869)		EA	1									F46	A1A6A1A1
A--H--S B711A		1KHZ TRIMMER-SYNTHESIZER 1598111 (05869)	2	EA	1									F46	A1A6A1A1
P--H-- B712A	5910-124-4962	CAPACITOR, VAR, AIR DIELECTRIC JMC3901 (91293)		EA	10				**	**	**	5	130	F46	A1A6A1A1C602 THRU A1A6A1A1C611
P--H-- B712B	5910-478-4392	CAPACITOR, VAR, AIR DIELECTRIC JMC5026 (91293)	2	EA	10				**	**	**	5	130	F46	A1A6A1A1C602 THRU A1A6A1A1C611
P--H-- B722M	5820-999-7975	CIRCUIT BOARD-1KHZ TRIMMER 1540996 (05869)	1,2	EA	1				**	**	2	8	2	F46	A1A6A1A1TB1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS (b)	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	ITEM NO. OR REFERENCE DESIGNATION
X1-H-- B723		BOARD, COPPER CLAD 1540996-099 (05869)	EA	1									F46	A1A6A1A1TB1MP
X1-H-- B724M		TERMINAL STUD SAME AS A320	EA	1				REF	REF	REF			F46	A1A6A1A1TB1E1
P--H-- B725M	5930-945-0135	SWITCH, ROTARY 255748AM2 (76854)	EA	1				"	2	2	12	25	F46	A1A6A1S601
P--H-- B725A	5310-043-4708	WASHER, FLAT SAME AS A894F	EA	2				REF	REF	REF			F46	A1A6A1MP22, A1A6A1MP23
A--H-S B726		1-10KHZ OSC MIXER-SYNTHESIZER 1540992 (05869)	EA	1									F39	A1A6A5
A--H-S B726A		1-10KHZ OSC MIXER-SYNTHESIZER 1596416 (05869)	EA	1									F39	A1A6A5
P--H-- B726B	5305-576-7493	SCREW, MACHINE SAME AS B039	EA	4				REF	REF	REF			F39	A1A6A5H4
P--H-- B726C	5310-723-9676	WASHER, FLAT SAME AS A127M	EA	4				REF	REF	REF			F39	A1A6A5H4
P--H-- B726E	5310-058-2949	WASHER, LOCK SAME AS A914A	EA	4				REF	REF	REF			F39	A1A6A5H4
P--H-- B727M	5910-894-0734	CAPACITOR, FXD, MICA DIELECTRIC SAME AS B504M	EA	2				REF	REF	REF			F47	A1A6A5C619, A1A6A5C692
P--H-- B729M	5910-760-6878	CAPACITOR, FXD, MICA DIELECTRIC SAME AS A169M	EA	2				REF	REF	REF			F47	A1A6A5C614, A1A6A5C620
P--H-- B731M	5910-267-9471	CAPACITOR, VAR, TUBULAR TRIMMER 2950 (91293)	EA	2				"	"	2	8	10	F47	A1A6A5C612, A1A6A5C617
P--H-- B733M	5910-999-7770	CAPACITOR, FXD, MICA DIELECTRIC CD10C330J03 (93790)	EA	1				"	"	2	8	16	F47	A1A6A5C613
P--H-- B733A		CAPACITOR, FXD, MICA DIELECTRIC CD10C270J03 (93790)	EA	1				"	"	2	8	8	F47	A1A6A5C613
P--H-- B734M	5910-999-7768	CAPACITOR, FXD, MICA DIELECTRIC SAME AS A170A	EA	1				REF	REF	REF			F47	A1A6A5C615, A1A6A5C626
P--H-- B736M	5910-999-7773	CAPACITOR, FXD, MICA DIELECTRIC CD10C301J03 (93790)	EA	1				"	"	2	8	8	F47	A1A6A5C622
P--H-- B737M	5910-945-0006	CAPACITOR, FXD, MICA DIELECTRIC SAME AS A587M	EA	1				REF	REF	REF			F47	A1A6A5C621
P--H-- B737A		CAPACITOR, FXD, MICA DIELECTRIC SAME AS B058A	EA	1				REF	REF	REF			F47	A1A6A5C621
P--H-- B738M	5910-857-9192	CAPACITOR, FIXED, CER DIELECTRIC SAME AS A924M	EA	4				REF	REF	REF			F47	A1A6A5C618, A1A6A5C623, A1A6A5C624, A1A6A5C625
P--H-- B742M	5910-057-3931	CAPACITOR, FIXED, CER DIELECTRIC CK06CW272K (81349)	EA	2				"	"	2	8	24	F47	A1A6A5C616, A1A6A5C627
P--H-- B744	5820-944-7067	CIRCUIT BOARD, 1-10KHZ OSC-MIXER 1540993 (05869)	EA	1				"	"	2	8	2	F47	A1A6A5TB1
P--H-- B744A		CIRCUIT BOARD, 1-10KHZ OSC-MIXER 1596579 (05869)	EA	1				"	"	2	8	2	F47	A1A6A5TB1
X1-H-- B745		BOARD, COPPER CLAD 1540993-099 (05869)	EA	1									F47	A1A6A5TB1MP1
X1-H-- B746		TERMINAL STUD SAME AS A320	EA	11				REF	REF	REF			F47	A1A6A5TB1E1, A1A6A5TB1E3 THRU A1A6A5TB1E12
X1-H-- B746A		TERMINAL STUD SAME AS A320	EA	13				REF	REF	REF			F47	A1A6A5TB1E1, A1A6A5TB1E3 THRU A1A6A5TB1E14

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
X1-H-- B757M		TERMINAL STUD SAME AS B591M	EA	1				REF	REF	REF			F47	A1A6A5TB1E2
P--H-- B758M	5950-727-2680	COIL, RADIO FREQUENCY SAME AS B064M	EA	3				REF	REF	REF			F47	A1A6A5L601, A1A6A5L602, A1A6A5L603
P--H-- B761	5955-999-4939	CRYSTAL UNITS, QUARTZ SAME AS B680	EA	1				REF	REF	REF			F47	A1A6A5Y641
P--H-- B762M	5970-956-4973	INSULATOR, DISC SAME AS A337M	EA	3				REF	REF	REF			F47	A1A6A5E1, A1A6A5E2, A1A6A5E3
P--H-- B762A	5970-052-9583	INSULATOR, DISC SAME AS B607A	EA	3				REF	REF	REF			F47	A1A6A5E1, A1A6A5E2, A1A6A5E3
P--H-- B764B		INSULATION TAPE, ELECTRICAL -010X1-4 TYPE-G CLASS 1 (81349) 2	RL	1				*	*	2	8	3	F47	A1A6A5MP2
P--H-- B765M	5945-879-5004	RELAY, ARMATURE SX2189 (70309)	EA	2				*	*	2	8	30	F47	A1A6A5K601, A1A6A5K602
P--H-- B767	5905-681-6462	RESISTOR, FIXED, COMPOSITION SAME AS A236	EA	3				REF	REF	REF			F47	A1A6A5R603, A1A6A5R606, A1A6A5R609
P--H-- B767A	5905-734-0804	RESISTOR, FIXED, COMPOSITION SAME AS A236A	EA	3				REF	REF	REF			F47	A1A6A5R603, A1A6A5R606, A1A6A5R609
P--H-- B770M	5905-687-0002	RESISTOR, FIXED, COMPOSITION SAME AS A613M	EA	2				REF	REF	REF			F47	A1A6A5R601, A1A6A5R604
P--H-- B770A	5905-728-6141	RESISTOR, FIXED, COMPOSITION SAME AS A613A	EA	2				REF	REF	REF			F47	A1A6A5R601, A1A6A5R604
P--H-- B772	5905-683-2246	RESISTOR, FIXED, COMPOSITION SAME AS A238	EA	1				REF	REF	REF			F47	A1A6A5R607
P--H-- B772A	5905-776-7212	RESISTOR, FIXED, COMPOSITION SAME AS A238A	EA	1				REF	REF	REF			F47	A1A6A5R607
P--H-- B773M	5905-686-3368	RESISTOR, FIXED, COMPOSITION SAME AS A356M	EA	3				REF	REF	REF			F47	A1A6A5R602, A1A6A5R605, A1A6A5R608
P--H-- B773A	5905-887-9763	RESISTOR, FIXED, COMPOSITION SAME AS A356A	EA	3				REF	REF	REF			F47	A1A6A5R602, A1A6A5R605, A1A6A5R608
P--H-- B776M	5905-683-2242	RESISTOR, FIXED, COMPOSITION SAME AS A359M	EA	1				REF	REF	REF			F47	A1A6A5R610
P--H-- B776A	5905-734-1045	RESISTOR, FIXED, COMPOSITION SAME AS A359A	EA	1				REF	REF	REF			F47	A1A6A5R610
P--H-- B777M	5961-646-4611	SEMICONDUCTOR DEVICE, DIODE SAME AS A366M	EA	2				REF	REF	REF			F47	A1A6A5CR601, A1A6A5CR602
P--H-- B779	5950-947-3141	TRANSFORMER, RADIO FREQUENCY 10624 (03550)	EA	1				*	*	2	8	10	F47	A1A6A5T601
P--H-- B779A	5950-497-5791	TRANSFORMER, RADIO FREQUENCY 15951 (03550)	EA	1				*	*	2	8	10	F47	A1A6A5T601
P--H-- B780M	5961-842-6997	TRANSISTOR SAME AS A259B	EA	3				REF	REF	REF			F47	A1A6A5Q601, A1A6A5Q602, A1A6A5Q603
P--H-- B782A		TUBING, EXPANDED SAME AS A283M	EA	1				REF	REF	REF			F47	A1A6A5MP1
A--H--S B783		1MHZ MIXER-AMPLIFIER ASSEMBLY 1559825 (05869)	EA	1				*	*	*	4	2	F40	A1A6A8
A--H--S B783A		1MHZ MIXER-AMPLIFIER ASSEMBLY 1596378 (05869)	EA	1				*	*	*	4	2	F40	A1A6A8

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- B784M	5305-543-2767	SCREW, MACHINE SAME AS B491B	EA	3				REF	REF	REF			F40	A1A6A8H3
P--H-- B785M		STANDOFF--SYNTHESIZER 1540990 (05869)	EA	1				"	"	2	8	6	F40	A1A6A8H1
P--H-- B786M	5310-723-9676	WASHER, FLAT SAME AS A127M	EA	4				REF	REF	REF			F40	A1A6A8H4
P--H-- B787M	5310-058-2949	WASHER, LOCK SAME AS A914A	EA	4				REF	REF	REF			F40	A1A6A8H4
P--H-- B788	5820-945-4313	CIRCUIT BOARD, 1 MHZ MIXER--AMPL 1541006 (05869)	EA	1				"	"	2	8	2	F48	A1A6A8TB1
P--H-- B788A		CIRCUIT BOARD, 1 MHZ MIXER--AMPL 1596591 (05869)	EA	1				"	"	2	8	2	F48	A1A6A8TB1
X1-H-- B789		BOARD, COPPER CLAD 1541006-099 (05869)	EA	1									F48	A1A6A8TB1MP1
X1-H-- B790M		TERMINAL STUD SAME AS B591M	EA	6				REF	REF	REF			F48	A1A6A8TB1E1, A1A6A8TB1E3, A1A6A8TB1E5, A1A6A8TB1E7, A1A6A8TB1E9, A1A6A8TB1E11
X1-H-- B796M		TERMINAL STUD SAME AS A320	EA	4				REF	REF	REF			F48	A1A6A8TB1E2, A1A6A8TB1E4, A1A6A8TB1E6, A1A6A8TB1E8
P--H-- B800M	6145-814-1209	CABLE, RADIO FREQUENCY, COAXIAL SAME AS A130A	EA	1				REF	REF	REF			F48	A1A6A8W1
P--H-- B801M	5910-615-5472	CAPACITOR, FXD, MICA DIELECTRIC SAME AS B449M	EA	1				REF	REF	REF			F48	A1A6A8C6106
P--H-- B802M	5910-857-9192	CAPACITOR, FIXED, CER DIELECTRIC SAME AS A924M	EA	5				REF	REF	REF			F48	A1A6A8C657 THRU A1A6A8C661
P--H-- B807A	5935-944-9857	CONNECTOR, PLUG, ELECTRICAL SAME AS A275M	EA	1				REF	REF	REF			F48	A1A6A8P601
P--H-- B807B		CONNECTOR, PLUG, ELECTRICAL SAME AS A131A	EA	1				REF	REF	REF			F48	A1A6A8P601
P--H-- B808M	5915-879-4971	FILTER, LOW PASS VE13421 (03550)	EA	1				"	"	2	8	10	F48	A1A6A8FL601
P--H-- B809M	5961-226-1755	INSULATOR, TRANSISTOR SAME AS A600M	EA	1				REF	REF	REF			F48	A1A6A8E1
P--H-- B810M	5905-683-2238	RESISTOR, FIXED, COMPOSITION SAME AS A344M	EA	1				REF	REF	REF			F48	A1A6A8R628
P--H-- B810A	5905-734-1003	RESISTOR, FIXED, COMPOSITION SAME AS A344A	EA	1				REF	REF	REF			F48	A1A6A8R628
P--H-- B811	5905-683-2236	RESISTOR, FIXED, COMPOSITION SAME AS A237	EA	1				REF	REF	REF			F48	A1A6A8R630
P--H-- B811A	5905-773-0881	RESISTOR, FIXED, COMPOSITION SAME AS A237A	EA	1				REF	REF	REF			F48	A1A6A8R630
P--H-- B812M	5905-683-2242	RESISTOR, FIXED, COMPOSITION SAME AS A359M	EA	2				REF	REF	REF			F48	A1A6A8R629, A1A6A8R632
P--H-- B812A	5905-734-1045	RESISTOR, FIXED, COMPOSITION SAME AS A359A	EA	2				REF	REF	REF			F48	A1A6A8R629, A1A6A8R632
P--H-- B814	5905-755-8389	RESISTOR, FIXED, COMPOSITION RC07GF220J (81349)	EA	1				"	"	2	8	20	F48	A1A6A8R631
P--H-- B814A	5905-773-0769	RESISTOR, FIXED, COMPOSITION RCR07G220JM (81349)	EA	1				"	"	2	8	20	F48	A1A6A8R631
P--H-- B815	5905-726-4413	RESISTOR, FIXED, COMPOSITION RC07GF123J (81349)	EA	1				"	"	2	8	10	F48	A1A6A8R627

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY OS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- B815A	5905-754-7891	RESISTOR, FIXED, COMPOSITION RCR07G123JM (81349)	EA	1				2	2	8	10	F48	A1A6A8R627	
P--H-- B816	5905-683-2239	RESISTOR, FIXED, COMPOSITION SAME AS B615	EA	1				REF	REF	REF		F48	A1A6A8R626	
P--H-- B816A	5905-764-2772	RESISTOR, FIXED, COMPOSITION SAME AS B615A	EA	1				REF	REF	REF		F48	A1A6A8R626	
P--H-- B817	5961-905-5083	SEMICONDUCTOR DEVICE, DIODE FA4000 (13715)	EA	1				2	2	5	10	F48	A1A6A8CR604	
P--H-- B817A	5961-926-0210	SEMICONDUCTOR DEVICE, DIODE JAN1N4307 (81349)	EA	1				2	2	5	10	F48	A1A6A8CR604	
P--H-- B818M		SLEEVING, TEFLON SAME AS B298M	EA	8	1,2			REF	REF	REF		F48	A1A6A8MP2, A1A6A8MP5 THRU A1A6A8MP11	
P--H-- B826M		SLEEVING, TEFLON SAME AS B272M	EA	2				REF	REF	REF		F48	A1A6A8MP3, A1A6A8MP12	
P--H-- B828M	5950-945-3754	TRANSFORMER, RADIO FREQUENCY SAME AS B618M	EA	1	1,2			REF	REF	REF		F48	A1A6A8T612	
P--H-- B829M	5950-945-3752	TRANSFORMER, RADIO FREQUENCY 995546-002 (22224)	EA	1	1,2			2	2	8	10	F48	A1A6A8T613	
P--H-- B830M	5961-052-2090	TRANSISTOR SAME AS B624M	EA	1	1,2			REF	REF	REF		F48	A1A6A8Q608	
P--H-- B831M		TUBING, EXPANDED SAME AS A283M	EA	3	1,2			REF	REF	REF		F48	A1A6A8MP4, A1A6A8MP13, A1A6A8MP14	
A--H-S B834		1 MHZ CRYSTAL SWITCH-OSC ASSY 1559345 (05869)	EA	1								F40	A1A6A4	
A--H-S B834A		1 MHZ CRYSTAL SWITCH-OSC ASSY 1596412 (05869)	EA	1	2							F40	A1A6A4	
P--H-- B834B	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A916C	EA	2	2			REF	REF	REF		F40	A1A6A4H2	
P--H-- B834C	5305-993-9189	SCREW, MACHINE SAME AS A916E	EA	2	2			REF	REF	REF		F40	A1A6A4H1	
P--H-- B835M	5305-550-5002	SCREW, MACHINE SAME AS A125M	EA	1				REF	REF	REF		F40	A1A6A4H1	
P--H-- B835A	5305-550-5002	SCREW, MACHINE SAME AS A125M	EA	2	2			REF	REF	REF		F40	A1A6A4H2	
P--H-- B836M	5310-723-9676	WASHER, FLAT SAME AS A127M	EA	2	2			REF	REF	REF		F40	A1A6A4H2	
P--H-- B836A	5310-058-3599	WASHER, LOCK MS35335-57 (96906)	EA	1	1,2			2	2	12	20	F40	A1A6A4H1	
P--H-- B836B	5310-058-2949	WASHER, LOCK SAME AS A914A	EA	2	2			REF	REF	REF		F40	A1A6A4H2	
MD-D-- B836C		BRACKET - 1 MHZ CRYSTAL SWITCH 1592640 (05869)	EA	1	2							F49	A1A6A4MP21	
P--H-- B836E	5310-043-4708	WASHER, FLAT SAME AS A894F	EA	4	2			REF	REF	REF		F49	A1A6A4MP21H4	
P--H-- B837M		CLIP, RETAINING 1558383 (05869)	EA	1	1,2			2	2	8	10	F49	A1A6A4MP1	
P--H-- B838M	5305-531-9521	SCREW, MACHINE SAME AS A960	EA	1				REF	REF	REF		F49	A1A6A4MP1H1	
P--H-- B838A	5305-754-5637	SCREW, MACHINE SAME AS B346C	EA	1	2			REF	REF	REF		F49	A1A6A4MP1H1	

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--H-- B840M	5310-543-4652	WASHER, LOCK SAME AS A962	EA	1				REF	REF	REF			F49	A1A6A4MP1H1	
P--H-- B841		INSULATION, SLEEVING SAME AS B033	EA	19				REF	REF	REF			F49	A1A6A4MP2 THRU A1A6A4MP20	
P--H-- B859A	5930-879-4963	INSULATION, SLEEVING, ELECTRICAL SAME AS A221A	EA	1				REF	REF	REF				A1A6A4MP22	
P--H-- B860M		SWITCH, ROTARY 11154 (17870)	EA	1				*	2	2	12	25	F49	A1A6A4S1	
A--H--S B861		TERMINAL BOARD NO. 1 ASSEMBLY 1558189 (05869)	EA	1				*	*	2	8			F49	A1A6A4A1
A--H--S B861A		TERMINAL BOARD NO. 1 ASSEMBLY 1596383 (05869)	EA	1				*	*	2	8	2		F49	A1A6A4A1
P--H-- B862M		6145-814-1209	CABLE, RADIO FREQUENCY, COAXIAL SAME AS A130A	EA	1				REF	REF	REF		2	F50	A1A6A4A1W1
P--H-- B863A	5910-124-4962	CAPACITOR, VAR, AIR DIELECTRIC SAME AS B712A	EA	11				REF	REF	REF			F50	A1A6A4A1C667 THRU A1A6A4A1C670, A1A6A4A1C672, A1A6A4A1C674, A1A6A4A1C676, A1A6A4A1C678, A1A6A4A1C680, A1A6A4A1C6101, A1A6A4A1C6103	
P--H-- B863B		CAPACITOR, VAR, AIR DIELECTRIC SAME AS B712B	EA	11				REF	REF	REF				F50	A1A6A4A1C667 THRU A1A6A4A1C670, A1A6A4A1C672, A1A6A4A1C674, A1A6A4A1C676, A1A6A4A1C678, A1A6A4A1C680, A1A6A4A1C6101, A1A6A4A1C6103
P--H-- B874M	5910-945-0009	CAPACITOR, FXD, MICA DIELECTRIC SAME AS B646A	EA	1				REF	REF	REF			F50	A1A6A4A1C665	
P--H-- B875M	5910-879-4970	CAPACITOR, FXD, MICA DIELECTRIC CD10C500J03 (93790)	EA	1				*	*	2	8	16	F50	A1A6A4A1C666	
P--H-- B876M	5910-857-9192	CAPACITOR, FXD, CER DIELECTRIC SAME AS A924M	EA	2				REF	REF	REF			F50	A1A6A4A1C662, A1A6A4A1C663	
P--H-- B878M	5910-893-6745	CAPACITOR, FXD, CER DIELECTRIC SAME AS A394M	EA	1				REF	REF	REF			F50	A1A6A4A1C664	
P--H-- B879	5820-878-7305	CIRCUIT BOARD NO. 1-1 MHZ SWITCH 1558190 (05869)	EA	1				*	*	2	8		F50	A1A6A4A1TB1	
P--H-- B879A	5820-878-7305	CIRCUIT BOARD NO. 1-1 MHZ SWITCH 1596580 (05869)	EA	1				*	*	2	8		F50	A1A6A4A1TB1	
X1-H-- B880	5820-878-7305	BOARD, COPPER CLAD 1558190-099 (05869)	EA	1									F50	A1A6A4A1TB1MP1	
X1-H-- B881		EYELET, METALLIC A1486-FINISH (57771)	EA	2										F50	A1A6A4A1TB1MP2 A1A6A4A1TB1MP4
X1-H-- B883M		SPACER, STAND-OFF 9509BB0256-14 (06540)	EA	3										F50	A1A6A4A1TB1MP3 A1A6A4A1TB1MP5 A1A6A4A1TB1MP7
X1-H-- B886		TERMINAL STUD PR118-3 (05046)	EA	3										F50	A1A6A4A1TB1E1, A1A6A4A1TB1E3, A1A6A4A1TB1E5
X1-H-- B886A		TERMINAL STUD SAME AS A320	EA	3					REF	REF	REF			F50	A1A6A4A1TB1E1, A1A6A4A1TB1E3, A1A6A4A1TB1E5

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCV	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
X1-H-- B889M		TERMINAL STUD SAME AS B591M	EA	1				REF	REF	REF			F50	A1A6A4A1TB1E2
P--H-- B890M	5950-703-0907	COIL, RADIO FREQUENCY SAME AS B532M	EA	1				REF	REF	REF			F50	A1A6A4A1L609
P--H-- B891M	5970-503-6357	INSULATOR, TRANSFORMER 1559243 (05869)	EA	1				*	2	2	12	8	F50	A1A6A4A1E1
P--H-- B892M	5961-226-1755	INSULATOR, TRANSISTOR SAME AS A600M	EA	1				REF	REF	REF			F50	A1A6A4A1E2
P--H-- B893M	5905-683-2238	RESISTOR, FIXED, COMPOSITION SAME AS A344M	EA	1				REF	REF	REF			F50	A1A6A4A1R635
P--H-- B893A	5905-734-1003	RESISTOR, FIXED, COMPOSITION SAME AS A344A	EA	1				REF	REF	REF			F50	A1A6A4A1R635
P--H-- B894M	5905-683-2242	RESISTOR, FIXED, COMPOSITION SAME AS A359M	EA	2				REF	REF	REF			F50	A1A6A4A1R633, A1A6A4A1R636
P--H-- B894A	5905-734-1045	RESISTOR, FIXED, COMPOSITION SAME AS A359A	EA	2				REF	REF	REF			F50	A1A6A4A1R633, A1A6A4A1R636
P--H-- B896	5905-755-8389	RESISTOR, FIXED, COMPOSITION SAME AS B814	EA	1				REF	REF	REF			F50	A1A6A4A1R637
P--H-- B896A	5905-773-0769	RESISTOR, FIXED, COMPOSITION SAME AS B814A	EA	1				REF	REF	REF			F50	A1A6A4A1R637
P--H-- B897M	5905-686-3838	RESISTOR, FIXED, COMPOSITION SAME AS A617M	EA	1				REF	REF	REF			F50	A1A6A4A1R634
P--H-- B897A	5905-754-7892	RESISTOR, FIXED, COMPOSITION SAME AS A617A	EA	1				REF	REF	REF			F50	A1A6A4A1R634
P--H-- B898	5950-944-4655	TRANSFORMER, RADIO FREQUENCY 10630 (03550)	EA	1				*	*	2	8	10	F50	A1A6A4A1T614
P--H-- B898A	5970-503-7877	TRANSFORMER, RADIO FREQUENCY 15957 (03550)	EA	1				*	*	2	8	10	F50	A1A6A4A1T614
P--H-- B899M	5961-879-3089	TRANSISTOR SAME AS A259A	EA	1				REF	REF	REF			F50	A1A6A4A1Q609
A--H-S B900		TERMINAL BOARD NO. 2 ASSEMBLY 1558049 (05869)	EA	1				*	*	2	8	15	F49	A1A6A4A2
A--H-S B900A		TERMINAL BOARD NO. 2 ASSEMBLY 1596380 (05869)	EA	1				*	*	2	8	15	F49	A1A6A4A2
P--H-- B900B	5305-531-9521	SCREW, MACHINE SAME AS A960	EA	2				REF	REF	REF			F49	A1A6A4A2H2
P--H-- B900C	5305-054-5637	SCREW, MACHINE SAME AS B346C	EA	2				REF	REF	REF			F49	A1A6A4A2H2
P--H-- B900E	5310-043-4708	WASHER, FLAT SAME AS A894F	EA	2				REF	REF	REF			F49	A1A6A4A2H2
P--H-- B900F	5310-543-4652	WASHER, LOCK SAME AS A962	EA	2				REF	REF	REF			F49	A1A6A4A2H2
P--H-- B901	5820-878-7316	CIRCUIT BOARD NO. 2-1 MHZ SWITCH 1558050 (05869)	EA	1				*	*	2	8	2	F50	A1A6A4A2TB1
P--H-- B901A	5820-139-4883	CIRCUIT BOARD NO. 2-1 MHZ SWITCH 1596577 (05869)	EA	1				*	*	2	8	2	F50	A1A6A4A2TB1
P--H-- B902M	5910-926-2362	CAPACITOR, FXD, MICA DIELECTRIC SAME AS B583M	EA	1				REF	REF	REF			F50	A1A6A4A2C693
P--H-- B903M	5910-999-7770	CAPACITOR, FXD, MICA DIELECTRIC SAME AS B733M	EA	1				REF	REF	REF			F50	A1A6A4A2C695
P--H-- B904M	5910-763-6761	CAPACITOR, FXD, MICA DIELECTRIC CD10C240J03 (93790)	EA	1				*	*	2	8	8	F50	A1A6A4A2C681

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- B905M	5910-999-7769	CAPACITOR, FXD, MICA DIELECTRIC SAME AS B645M	EA	1				REF	REF	REF			F50	A1A6A4A2C698
P--H-- B906A	5910-067-4694	CAPACITOR, FXD, MICA DIELECTRIC CD10C470J03 (93790)	EA	1				"	"	2	8	8	F50	A1A6A4A2C6100
P--H-- B907A	5910-124-4962	CAPACITOR, VAR, AIR DIELECTRIC SAME AS B712A	EA	5				REF	REF	REF			F50	A1A6A4A2C682, A1A6A4A2C694, A1A6A4A2C696, A1A6A4A2C697, A1A6A4A2C699
P--H-- B907B		CAPACITOR, VAR, AIR DIELECTRIC SAME AS B712B	EA	5				REF	REF	REF			F50	A1A6A4A2C682, A1A6A4A2C694, A1A6A4A2C696, A1A6A4A2C697, A1A6A4A2C699
A--H--S B912		BOARD, COMPONENT 1559592 (05869)	EA	1				"	"	2	8	2	F49	A1A6A4A3
A--H--S B912A		BOARD, COMPONENT 1596381 (05869)	EA	1				"	"	2	8	2	F49	A1A6A4A3
P--H-- B913	5820-878-7314	CIRCUIT BOARD NO. 3-1 MHZ SWITCH 1559593 (05869)	EA	1				"	"	2	8	2	F51	A1A6A4A3TB1
P--H-- B913A	5820-139-4884	CIRCUIT BOARD NO. 3-1 MHZ SWITCH 1596587 (05869)	EA	1				"	"	2	8	2	F51	A1A6A4A3TB1
X1-H-- B914		BOARD, COPPER CLAD 1559593-099 (05869)	EA	1									F51	A1A6A4A3TB1TB1
X1-H-- B915		TERMINAL STUD SAME AS B886	EA	1									F51	A1A6A4A3TB1E1
X1-H-- B915A		TERMINAL STUD SAME AS A320	EA	1									F51	A1A6A4A3TB1E1
P--H-- B916M	5910-894-0734	CAPACITOR, FXD, MICA DIELECTRIC SAME AS B504M	EA	2				REF	REF	REF			F51	A1A6A4A3C671, A1A6A4A3C673
P--H-- B918M	5910-763-6748	CAPACITOR, FXD, MICA DIELECTRIC CD10C120J03 (93790)	EA	1				"	"	2	8	8	F51	A1A6A4A3C675
P--H-- B919M	5910-999-7767	CAPACITOR, FXD, MICA DIELECTRIC SAME AS B057M	EA	1				REF	REF	REF			F51	A1A6A4A3C677
P--H-- B920M	5910-945-0009	CAPACITOR, FXD, MICA DIELECTRIC SAME AS B646A	EA	1				REF	REF	REF			F51	A1A6A4A3C679
P--H-- B921A	5910-879-4970	CAPACITOR, FXD, MICA DIELECTRIC SAME AS B875M	EA	1				REF	REF	REF			F51	A1A6A4A3C6102
P--H-- B922A		CAPACITOR, FXD, MICA DIELECTRIC CD10C560J03 (93790)	EA	1				"	"	2	8	8	F51	A1A6A4A3C6104
A--H--S B923		TERMINAL BOARD NO. 4 ASSEMBLY 1557637 (05869)	EA	1				"	"	2	8	2	F49	A1A6A4A4
A--H--S B923A		TERMINAL BOARD NO. 4 ASSEMBLY 1596360 (05869)	EA	1				"	"	2	8	2	F49	A1A6A4A4
P--H-- B924	5820-878-7318	CIRCUIT BOARD NO. 4-1 MHZ SWITCH 1557636 (05869)	EA	1				"	"	2	8		F51	A1A6A4A4TB1
P--H-- B924A	5820-139-4892	CIRCUIT BOARD NO. 4-1 MHZ SWITCH 1596589 (05869)	EA	1				"	"	2	8		F51	A1A6A4A4TB1
X1-H-- B925		BOARD, COPPER CLAD 1557636-099 (05869)	EA	1									F51	A1A6A4A4TB1MP1
X1-H-- B926		TERMINAL STUD SAME AS B886	EA	1									F51	A1A6A4A4TB1E1
X1-H-- B926A		TERMINAL STUD SAME AS A320	EA	1									F51	A1A6A4A4TB1E1
P--H-- B927	5955-999-4846	CRYSTAL UNIT, QUARTZ SAME AS B668	EA	1				REF	REF	REF			F51	A1A6A4A4Y642

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--H-- B927A		CRYSTAL UNIT, QUARTZ SAME AS B668A	2	EA	1				REF	REF	REF		F51	A1A6A4A4Y642	
P--H-- B928	5955-999-4956	CRYSTAL UNIT, QUARTZ 996569-012 (73293)		EA	1				*	*	*	5	6	F51	A1A6A4A4Y631
P--H-- B928A	5955-999-4956	CRYSTAL UNIT, QUARTZ ERC1166-012 (13571)	2	EA	1				*	*	*	5	6	F51	A1A6A4A4Y631
P--H-- B929	5955-999-4955	CRYSTAL UNIT, QUARTZ 996569-013 (73293)		EA	1				*	*	*	5	6	F51	A1A6A4A4Y632
P--H-- B929A	5955-999-4955	CRYSTAL UNIT, QUARTZ ERC1166-013 (13571)	2	EA	1				*	*	*	5	6	F51	A1A6A4A4Y632
P--H-- B930	5955-999-4954	CRYSTAL UNIT, QUARTZ 996569-014 (73293)		EA	1				*	*	*	5	6	F51	A1A6A4A4Y633
P--H-- B930A	5955-999-4954	CRYSTAL UNIT, QUARTZ ERC1166-014 (13571)	2	EA	1				*	*	*	5	6	F51	A1A6A4A4Y633
P--H-- B931	5955-999-4953	CRYSTAL UNIT, QUARTZ 996569-015 (73293)		EA	1				*	*	*	5	6	F51	A1A6A4A4Y634
P--H-- B931A	5955-999-4953	CRYSTAL UNIT, QUARTZ ERC1166-015 (13571)	2	EA	1				*	*	*	5	6	F51	A1A6A4A4Y634
P--H-- B932	5955-999-4952	CRYSTAL UNIT, QUARTZ 996569-016 (73293)		EA	1				*	*	*	5	6	F51	A1A6A4A4Y635
P--H-- B932A	5955-999-4952	CRYSTAL UNIT, QUARTZ ERC1166-016 (13571)	2	EA	1				*	*	*	5	6	F51	A1A6A4A4Y635
P--H-- B933	5955-999-4951	CRYSTAL UNIT, QUARTZ 996569-017 (73293)		EA	1				*	*	*	5	6	F51	A1A6A4A4Y636
P--H-- B933A	5955-999-4951	CRYSTAL UNIT, QUARTZ ERC1166-017 (13571)	2	EA	1				*	*	*	5	6	F51	A1A6A4A4Y636
P--H-- B934	5955-999-4950	CRYSTAL UNIT, QUARTZ 996569-018 (73293)		EA	1				*	*	*	5	6	F51	A1A6A4A4Y637
P--H-- B934A	5955-999-4950	CRYSTAL UNIT, QUARTZ ERC1166-018 (13571)	2	EA	1				*	*	*	5	6	F51	A1A6A4A4Y637
P--H-- B935	5955-999-4938	CRYSTAL UNIT, QUARTZ 996569-019 (73293)		EA	1				*	*	*	5	6	F51	A1A6A4A4Y638
P--H-- B935A	5955-999-4938	CRYSTAL UNIT, QUARTZ ERC1166-019 (13571)	2	EA	1				*	*	*	5	6	F51	A1A6A4A4Y638
P--H-- B936	5955-999-4937	CRYSTAL UNIT, QUARTZ 996569-020 (73293)		EA	1				*	*	*	5	6	F51	A1A6A4A4Y639
P--H-- B936A	5955-999-4937	CRYSTAL UNIT, QUARTZ ERC1166-020 (13571)	2	EA	1				*	*	*	5	6	F51	A1A6A4A4Y639
P--H-- B937	5955-999-4936	CRYSTAL UNIT, QUARTZ 996569-021 (73293)		EA	1				*	*	*	5	6	F51	A1A6A4A4Y640
P--H-- B937A	5955-999-4936	CRYSTAL UNIT, QUARTZ ERC1166-021 (13571)	2	EA	1				*	*	*	5	6	F51	A1A6A4A4Y640
P--H-- B938	5955-878-7025	CRYSTAL UNIT, QUARTZ 996569-022 (73293)		EA	1				*	*	*	5	6	F51	A1A6A4A4Y641
P--H-- B938A	5955-878-7025	CRYSTAL UNIT, QUARTZ ERC1166-022 (13571)	2	EA	1				*	*	*	5	6	F51	A1A6A4A4Y641
P--H-- B939	5955-878-7036	CRYSTAL UNIT, QUARTZ 996569-023 (73293)		EA	1				*	*	*	5	6	F51	A1A6A4A4Y643
P--H-- B939A	5955-878-7036	CRYSTAL UNIT, QUARTZ ERC1166-023 (13571)	2	EA	1				*	*	*	5	6	F51	A1A6A4A4Y643

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALWP PER EQUIP CNTGCTY	(9) DEPOT MAINT ALWP PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--H-- B940	5955-878-7020	CRYSTAL UNIT, QUARTZ 996569-024 (73293)	EA	1				*	*	*	5	6	F51	A1A6A4A4Y644
P--H-- B940A	5955-499-7331	CRYSTAL UNIT, QUARTZ ERC1166-024 (13571)	EA	1				*	*	*	5	6	F51	A1A6A4A4Y644
P--H-- B941	5955-878-7019	CRYSTAL UNIT, QUARTZ 996569-025 (73293)	EA	1				*	*	*	5	6	F51	A1A6A4A4Y645
P--H-- B941A	5955-499-7332	CRYSTAL UNIT, QUARTZ ERC1166-025 (13571)	EA	1				*	*	*	5	6	F51	A1A6A4A4Y645
P--H-- B942	5955-878-7023	CRYSTAL UNIT, QUARTZ 996569-026 (73293)	EA	1				*	*	*	5	6	F51	A1A6A4A4Y646
P--H-- B942A	5955-499-7333	CRYSTAL UNIT, QUARTZ ERC1166-026 (13571)	EA	1				*	*	*	5	6	F51	A1A6A4A4Y646
A--H--S B943		10 KHZ AMPL-FILTER-SYNTHESIZER 1540991 (05869)	EA	1				*	*	*	5		F46	A1A6A6
A--H--S B943A		10 KHZ AMPL-FILTER-SYNTHESIZER 1596418 (05869)	EA	1				*	*	*	5		F46	A1A6A6
P--H-- B944M	5305-543-2767	SCREW MACHINE SAME AS A4918	EA	3				REF	REF	REF			F46	A1A6A6H3
P--H-- B945M		STANDOFF-SYNTHESIZER SAME AS B785M	EA	1				REF	REF	REF			F46	A1A6A6H1
P--H-- B946M	5310-723-9676	WASHER, FLAT SAME AS A127M	EA	4				REF	REF	REF			F40	A1A6A6H4
P--H-- B947M	5310-058-2949	WASHER, LOCK SAME AS A914A	EA	4				REF	REF	REF			F40	A1A6A6H4
P--H-- B948M	5910-615-5472	CAPACITOR, FXD, MICA DIELECTRIC SAME AS B449M	EA	1				REF	REF	REF			F52	A1A6A6C632
P--H-- B949M	5910-999-7768	CAPACITOR, FXD, MICA DIELECTRIC SAME AS A170A	EA	3				REF	REF	REF			F52	A1A6A6C631, A1A6A6C636, A1A6A6C638
P--H-- B952M	5910-857-9192	CAPACITOR, FIXED, CER DIELECTRIC SAME AS A924M	EA	3				REF	REF	REF			F52	A1A6A6C633, A1A6A6C634, A1A6A6C635
P--H-- B955M	5910-844-5809	CAPACITOR, FIXED, CER DIELECTRIC CK06CW562K (81349)	EA	1				*	*	2	8	8	F52	A1A6A6C637
P--H-- B956M	5910-057-3931	CAPACITOR, FIXED, CER DIELECTRIC SAME AS B742M	EA	1				REF	REF	REF			F52	A1A6A6C630
P--H-- B957	5820-999-7976	CIRCUIT BOARD-10 KHZ AMPL FILTER 1540941 (05869)	EA	1				*	*	2	8		F52	A1A6A6TB1
P--H-- B957A	5820-139-4894	CIRCUIT BOARD-10 KHZ AMPL FILTER 1596592 (05869)	EA	1				*	*	2	8		F52	A1A6A6TB1
X1-H-- B958		BOARD, COPPER CLAD 1540941-099 (05869)	EA	1									F52	A1A6A6TB1MP1
X1-H-- B959M		TERMINAL STUD SAME AS A320	EA	2				REF	REF	REF			F52	A1A6A6TB1E1, A1A6A6TB1E3
X1-H-- B961M		TERMINAL STUD SAME AS B591M	EA	4				REF	REF	REF			F52	A1A6A6TB1E2, A1A6A6TB1E4, A1A6A6TB1E6, A1A6A6TB1E8
P--H-- B965M	5950-726-6756	COIL, RADIO FREQUENCY SAME AS B537M	EA	1				REF	REF	REF			F52	A1A6A6L605
P--H-- B966M	5970-956-4973	INSULATOR, DISC SAME AS A337M	EA	1				REF	REF	REF			F52	A1A6A6E1
P--H-- B966A	5961-226-1755	INSULATOR, TRANSISTOR SAME AS A600M	EA	1				REF	REF	REF			F52	A1A6A6E1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCV	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
H-- 67	5905-681-6462	RESISTOR, FIXED, COMPOSITION SAME AS A236	EA	1				REF	REF	REF			F52	A1A6A6R613
H-- B967A	5905-734-0804	RESISTOR, FIXED, COMPOSITION SAME AS A236A	EA	1				REF	REF	REF			F52	A1A6A6R613
P--H-- B968M	5905-686-3368	RESISTOR, FIXED, COMPOSITION SAME AS A356M	EA	1				REF	REF	REF			F52	A1A6A6R612
P--H-- B968A	5905-887-9763	RESISTOR, FIXED, COMPOSITION SAME AS A356A	EA	1				REF	REF	REF			F52	A1A6A6R612
P--H-- B969M	5905-686-3838	RESISTOR, FIXED, COMPOSITION SAME AS A617M	EA	1				REF	REF	REF			F52	A1A6A6R611
P--H-- B969A	5905-754-7892	RESISTOR, FIXED, COMPOSITION SAME AS A617A	EA	1				REF	REF	REF			F52	A1A6A6R611
P--H-- B970	5950-946-5371	TRANSFORMER, RADIO FREQUENCY 10625 (03550)	EA	2				"	"	2	8	20	F52	A1A6A6T602, A1A6A6T604
P--H-- B970A	5950-497-5784	TRANSFORMER, RADIO FREQUENCY 15952 (03550)	EA	2				"	"	2	8	20	F52	A1A6A6T602, A1A6A6T604
P--H-- B972	5950-946-5372	TRANSFORMER, RADIO FREQUENCY 10626 (03550)	EA	1				"	"	2	8	10	F52	A1A6A6T603
P--H-- B972A	5950-497-5785	TRANSFORMER, RADIO FREQUENCY 15953 (03550)	EA	1				"	"	2	8	10	F52	A1A6A6T603
P--H-- B973M	5961-842-6937	TRANSISTOR SAME AS A259B	EA	1				REF	REF	REF			F52	A1A6A6Q604
A--H-S B974		10 KHZ CRYSTAL SWITCH ASSEMBLY 1559927 (05869)	EA	1				"	2	2	12		F39	A1A6A2
A--H-S B974A		10 KHZ CRYSTAL SWITCH ASSEMBLY 1596410 (05869)	EA	1				"	2	2	12		F39	A1A6A2
P--H-- B977M		ADHESIVE, EPOXY SAME AS A648M	PT	1				REF	REF	REF			F53	A1A6A2MP1
H-- 978M	5820-945-4312	CIRCUIT BOARD - 10 KHZ TERM BOARD 1540999 (05869)	EA	1				"	"	2	8		F53	A1A6A2TB1
P--H-- B979		BOARD, COPPER CLAD 1540999-099 (05869)	EA	1									F53	A1A6A2TB1MP1
P--H-- B980M	5940-839-7156	TERMINAL STUD SAME AS A320	EA	1				REF	REF	REF			F53	A1A6A2TB1E1
P--H-- B981	5955-999-4940	CRYSTAL UNIT, QUARTZ 996568-002 (73293)	EA	1				"	"	"	5	6	F53	A1A6A2Y611
P--H-- B981A	5955-137-4234	CRYSTAL UNIT, QUARTZ ERC1167-002 (13571)	EA	1				"	"	"	5	6	F53	A1A6A2Y611
P--H-- B982	5955-999-4941	CRYSTAL UNIT, QUARTZ 996568-003 (73293)	EA	1				"	"	"	5	6	F53	A1A6A2Y612
P--H-- B982A		CRYSTAL UNIT, QUARTZ ERC1167-003 (13571)	EA	1				"	"	"	5	6	F53	A1A6A2Y612
P--H-- B983	5955-999-4942	CRYSTAL UNIT, QUARTZ 996568-004 (73293)	EA	1				"	"	"	5	6	F53	A1A6A2Y613
P--H-- B983A	5955-499-7335	CRYSTAL UNIT, QUARTZ ERC1167-004 (13571)	EA	1				"	"	"	5	6	F53	A1A6A2Y613
P--H-- B984	5955-999-4943	CRYSTAL UNIT, QUARTZ 996568-005 (73293)	EA	1				"	"	"	5	6	F53	A1A6A2Y614
P--H-- B984A	5955-517-9436	CRYSTAL UNIT, QUARTZ ERC1167-005 (13571)	EA	1				"	"	"	5	6	F53	A1A6A2Y614
P--H-- B985	5955-999-4944	CRYSTAL UNIT, QUARTZ 996568-006 (73293)	EA	1				"	"	"	5	6	F53	A1A6A2Y615

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--H-- B985A		CRYSTAL UNIT, QUARTZ ERC1167-006 (13571)	2	EA	1				*	*	*	5	6	F53	A1A6A2Y615
P--H-- B986	5955-999-4945	CRYSTAL UNIT, QUARTZ 996568-007 (73293)		EA	1				*	*	*	5	6	F53	A1A6A2Y616
P--H-- B986A	5955-999-4945-7337	CRYSTAL UNIT, QUARTZ ERC1167-007 (13571)	2	EA	1				*	*	*	5	6	F53	A1A6A2Y616
P--H-- B987	5955-999-4946	CRYSTAL UNIT, QUARTZ 996568-008 (73293)		EA	1				*	*	*	5	6	F53	A1A6A2Y617
P--H-- B987A	5955-999-4946-0570	CRYSTAL UNIT, QUARTZ ERC1167-008 (13571)	2	EA	1				*	*	*	5	6	F53	A1A6A2Y617
P--H-- B988	5955-999-4947	CRYSTAL UNIT, QUARTZ 996568-009 (73293)		EA	1				*	*	*	5	6	F53	A1A6A2Y618
P--H-- B988A	5955-999-4947-0571	CRYSTAL UNIT, QUARTZ ERC1167-009 (13571)	2	EA	1				*	*	*	5	6	F53	A1A6A2Y618
P--H-- B989	5955-999-4948	CRYSTAL UNIT, QUARTZ 996568-010 (73293)		EA	1				*	*	*	5	6	F53	A1A6A2Y619
P--H-- B989A		CRYSTAL UNIT, QUARTS ERC1167-010 (13571)	2	EA	1				*	*	*	5	6	F53	A1A6A2Y619
P--H-- B990	5955-999-4949	CRYSTAL UNIT, QUARTZ 996568-011 (73293)		EA	1				*	*	*	5	6	F53	A1A6A2Y620
P--H-- B990A	5955-999-4949-7338	CRYSTAL UNIT, QUARTZ ERC1167-011 (13571)	2	EA	1				*	*	*	5	6	F53	A1A6A2Y620
P--H-- B991M	5955-999-4836	HOLDER, CRYSTAL SAME AS B690	1,2	EA	1				REF	REF	REF			F53	A1A6A2XY620
P--H-- B992		INSULATION, SLEEVING SAME AS B033		EA	10				REF	REF	REF			F53	A1A6A2MP1 THRU A1A6A2MP10
P--H-- C002A		INSULATION SLEEVING, ELECTRICAL SAME AS A221A	2	EA	1				REF	REF	REF			F53	A1A6A2MP11
P--H-- C003M	5930-080-5636	SWITCH, ROTARY 258025AM1 (76854)	1,2	EA	1				*	2	2	12	25	F53	A1A6A2S602
P--H-- C004M		TUBING, EXPANDED SAME AS A283M	1,2	EA	1				REF	REF	REF			F39	A1A6MP6

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
3010-999-4829	F35	A1A5CP1	5305-543-2782	F16	A1A2A2H5
3040-089-9050	F35 F39	A1A5CP2 A1A6CP3	5305-550-5002	F8 F9	A1H2 A1G1MP3H3, A1G1Y1H2
5305-045-1628	F7	A1A5H4		F11	A1A1A1H4, A1A1A2H4, A1A1A3H2
5305-054-5637	F37	A1A5A1K701H2, A1A5A1K702H2, A1A5A1T717H2		F17 F30 F35	A1A2A3H1 A1A4T1H4 A1A5A1H6, A1A5A2H10, A1A5C701H1
	F49	A1A6A4A2H2, A1A6A4MP1H1		F40	A1A6A4H1, A1A6A4H2
5305-054-5642	F19	A1A2A2S202H2			
5305-054-5647	F11 F30 F35	A1A1A3H2 A1A4T1H4 A1A5A1H6, A1A5A2H9, A1A5C701H1	5305-576-7493	F26 F30 F35 F39	A1A3A1H4 A1A4PS1XF1H3 A1A5A1MP1H4 A1A6A5H4
5305-054-5648	F11	A1A1A1H4, A1A1A2H4	5305-579-3018	F19	A1A2A2MP16H2
	F37	A1A5A1TB701H2	5305-616-6231	F19	A1A2A2A4H2
5305-054-5649	F26 F35	A1A3A1H4, A1A3TB802H2, A1A5A1MP1H4	5305-639-0057	F16	A1A2A2H4
	F8	A1H2	5305-639-4777	F23	A1A2A2A6MP4H4
5305-054-5651	F35	A1A5A2H1	5305-777-5977	F35	A1A5CP1H2
5305-054-5653	F9 F11 F32	A1G1TB1H2 A1A1FL401H4 A1A4PS1Q304H2, A1A4PS1Q305H2	5305-777-6010	F26 F40	A1A3CP1H2 A1A6CP1H2 THRU A1A6CP6H2
5305-054-6650	F11 F23	A1A1FL401H4 A1A2A2A6MP4H2, A1A2A2A6MP15H2, A1A4PS1Q304H2, A1A4PS1Q305H2	5305-806-2363	F17	A1A2A3H3
5305-054-6651	F32	A1A4PS1Q305H2	5305-943-2174	F10	A1G1TB1R520H2
	F83	A1A4T1T301H1	5305-946-2393	F17	A1A2A1H7
5305-054-6660	F17	A1A2A2H5	5305-964-3137	F20	A1A2A2A14H1
5305-054-6667	F3	E1E1MP1H1	5305-993-9189	F26 F39 F40	A1A3E12H1 A1A6A4H1, A1A6MP7H1
5305-059-3657	F30	A1A4PS1XF1H3	5306-957-1042	F22	A1A2A2A14MP3
5305-151-2081	F10	A1G1TB1R525H2	5310-011-8869	F28	A1A3A2MP2H1
5305-151-3598	F7	A1MP1H2	5310-042-9067	F3	E1E1E1H2
5305-175-3227	F7	A1MP1H2	5310-043-1754	F7 F11 F32	A1A5H4 A1A1FL401H4 A1A4PS1Q304H2, A1A4PS1Q305H2
5305-253-5607	F40	A1A6TB601H2	5310-043-4708	F19 F26 F37	A1A2A2S202H4 A1A3MPH1 A1A5A1MP2H1, A1A5A1MP7H1
5305-264-2317	F39	A1A6A9H7		F39	A1A6A3H1, A1A6MP7H1
5305-531-9520	F26 F37	A1A3MP3H1 A1A5A1K701H2, A1A5A1K702H2, A1A5A1T717H2		F46	A1A6A1MP22, A1A6A1MP23
5305-531-9521	F49	A1A6A4A2H2, A1A6A4MP1H1		F49	A1A6A4A2H2, A1A6A4MP21H4
5305-543-2767	F40	A1A6A6H3, A1A6A7H4, A1A6A8H3, A1A6TB601H2	5310-054-0041	F33	A1A4T1T301H1
	F4 F26	A3E2H1 A1A3A4H4, A1A3C825H3	5310-054-1831	F32	A1A4PS1Q303H1
5305-543-2771	F33	A1A4T1T301H1	5310-058-2949	F26 F30 F35	A1A3A1H4, A1A3TB802H2 A1A4PS1XF1H3 A1A5A1MP1H4, A1A5C701H1
5305-543-2777				F37	A1A5A1TB701H2

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION
 (Continued)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
	F40	A1A6A4H2, A1A6A5H4, A1A6A6H4, A1A6A7H4, A1A6A8H4, A1A6TB601H2	5310-579-0079	F7	A3E2H1
	F39		5310-595-6425	F39	A1A6MP7H4
	F40		5310-596-7981	F20	A1A2A2A9MP3
5310-058-2950	F10	A1G1TB1R520H2, A1G1TB1R525H2	5310-616-8660	F30	A1A4PS1K301H2, A1A4PS1Q304H2, A1A4PS1Q305H2
5310-058-2951	F22	A1A2A2A14MP8	5310-632-6721	F32	
5310-058-3599	F40	A1A6A4H1	5310-638-9857	F8	A1H1, A1H2
5310-069-5291	F17	A1A2A2H5		F11	A1A1FL401H2
5310-167-0797	F39	A1A6A3H1		F19	A1A2A2A5H1, A1A2A2A7H1, A1A2A2A8H1
5310-167-0801	F3	E1E1MP1H1		F20	A1A4PS1Q304H2, A1A4PS1Q305H2
5310-167-0812	F33	A1A4T1Q301H1, A1A4T1Q302H1	5310-680-5270	F12	A1A1A4MP13 THRU A1A1A4MP20
5310-208-3786	F26	A1A3A3MP2, A1A3E12H1, A1A3K801H2, A1A3T801H1, A1A3T802H1, A1A4PS1MP6H1, A1A4PS1XF1H3	5310-685-3744	F30	A1A4PS1A1MP14 THRU A1A4PS1A1MP17
	F27			F42	A1A6A9MP1H4
	F26		5310-687-7715	F3	E1E1E1H2
	F30	A1A5C701H1	5310-691-2794	F42	A1A6A9MP1H2
	F35	A1A6A4H2		F10	A1G1TB1A1MP7, A1G1TB1A1MP8
	F40		5310-723-9676	F8	A1H1
5310-208-9261	F9	A1G1MP2H1		F9	A1G1MP2H1, A1G1TB501H2
5310-209-1239	F3	E1E1MP1H1		F11	A1A1A1H4, A1A1A2H4
5310-209-3990	F26	A1A3C825H3		F17	A1A2A3H4, A1A2E1H2, A1A2E2H2
	F30	A1A4PS1K301H2		F26	A1A3A1H4, A1A3TB801H2, A1A3TB802H2
5310-268-7306	F10	A1G1TB1R520H2, A1G1TB1R525H2		F30	A1A4PS1XF1H3, A1A4T1H4
5310-275-2005	F17	A1A2MP2H2, A1A2MP3H1, A1A2MP4H3		F35	A1A5A2H6
	F33	A1A4T1T301H1		F37	A1A5A1TB701H2
5310-531-9514	F17	A1A2MP2H2, A1A2MP3H1, A1A2MP4H3		F40	A1A6A4H2, A1A6A5H4, A1A6A6H4, A1A6A7H4, A1A6A8H4, A1A6TB601H2
	F30	A1A4PS1K301H2, A1A4PS1Q304H2, A1A4PS1Q305H2	5310-725-4712	F28	A1A3A2MP2H1
	F32			F33	A1A4T1Q301H1, A1A4T1Q302H1
5310-543-2739	F34	A1A4T1T301H2	5310-728-3493	F19	A1A2A2A1H1, A1A2A2A2H1, A1A2A2A3H1, A1A2A2A9H1 THRU A1A2A2A13H1
5310-543-4652	F20	A1A2A2A14H1	5310-764-9564	F21	A1A5A2T701H1 THRU A1A5A2T716H1
	F26	A1A3MP3H1		F38	
	F37	A1A5A1K701H2, A1A5A1K702H2, A1A5A1T717H2	5310-781-9493	F16	A1A2A1MP3, A1A2A1MP11 THRU A1A2A1MP13
	F39	A1A6A3H1		F8	A1H4, A1H8
	F49	A1A6A4A2H2, A1A6A4MP1H1	5310-809-8546	F19	A1A2A2A8H1, A1A2A2A14H1
5310-543-5933	F17	A1A2A2H2		F20	
5310-550-2329	F26	A1A3L808H1			
5310-550-3715	F8	A1H2			
	F26	A1A3K801H2, A1A3T801H1, A1A3T802H1			
	F30	A1A4PS1MP6H2			

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5310-812-4292	F22 F32	A1A2A2A14MP6 A1A4PS1Q303H1	5320-117-6936	F42	A1A6A9MP1H4
5310-812-4294	F26 F37	A1A3MP3H1 A1A5A1K701H2, A1A5A1K702H2, A1A5A1T717H2 A1A6A3H1	5320-117-6937	F16	A1A2A1MP3H2, A1A2A1MP11H2 THRU A1A2A1MP13H2
5310-813-6950	F39	A1A6A3H1, A1A6MP7H1	5320-117-6949	F6	A1A7MP1H2
5310-839-8767	F17	A1A2A1MP2, A1A2A1MP4	5320-233-4781	F12 F30	A1A1A4MP13H2 THRU A1A1A4MP20H2 A1A4PS1A1MP14H2 THRU A1A4PS1A1MP17H2 A1A6A9MP1H8
5310-843-7635	F42	A1A6A9MP1H2	5325-174-5317	F11 F27	A1A1MP3 A1A3MP5 A1A4PS1MP10
5310-891-5551	F19	A1A2A2MP16H2	5325-185-0017	F30	A1A4MP4
5310-915-2513	F32 F33	A1A4PS1Q303H1 A1A4T1Q301H1, A1A4T1Q302H1	5325-286-6047	F11 F30	A1A1MP4 A1A4PS1MP3
5310-929-6395	F11 F32	A1A1FL401H4 A1A4PS1Q304H2, A1A4PS1Q305H2	5325-619-3314	F27	A1A3MP5
5310-933-8118	F17	A1A2E2H2	5330-559-1291	F19	A1A2A2A1MP4, A1A2A2A2MP3, A1A2A2A2MP4, A1A2A2A3MP3, A1A2A2A3MP5, A1A2A2A9MP4, A1A2A2A9MP7, A1A2A2A10MP3, A1A2A2A10MP6, A1A2A2A11MP3, A1A2A2A11MP6, A1A2A2A12MP3, A1A2A2A12MP6, A1A2A2A13MP2, A1A2A2A13MP5
5310-933-8120	F32 F33	A1A4PS1Q303H1 A1A4T1Q301H1, A1A4T1Q302H1		F20	
5310-934-9761	F32 F34	A1A4PS1Q304H2, A1A4PS1Q305H2		F21	
5310-934-9765	F33	A1A4T1Q301H1, A1A4T1Q302H1		F22	
5310-957-9002	F16	A1A2A1MP3, A1A2A1MP11 THRU A1A2A1MP13 A1A3A4MP2	5330-827-2820	F30	A1A4PS1XF1H3
5310-968-3523	F19	A1A2A2S202H2	5340-297-3841	F24	A1A2A2A6A1MP1, A1A2A2A6A1MP5, A1A2A2A6A1MP6
5310-989-0640	F20	A1A2A2A14H1	5340-298-6564	F19 F20	A1A2A2A1H1, A1A2A2A2H1, A1A2A2A3H1, A1A2A2A9H1, A1A2A2A10H1, A1A2A2A11H1, A1A2A2A12H1, A1A2A2A13H1
5315-619-3998	F20	A1A2A2A7MP2, A1A2A2A7MP3		F19 F21	
5315-811-3439	F19	A1A2A2A1MP2H1, A1A2A2A1MP3H1, A1A2A2A2MP2H1, A1A2A2A3MP2H1, A1A2A2A10MP2H1, A1A2A2A11MP2H1, A1A2A2A12MP2H1, A1A2A2A13MP2H1, A1A2A2MP17H1, A1A2A2MP18H1	5340-597-3302	F24	A1A2A2A6A1MP26 THRU A1A2A2A6A1MP28
5315-879-5701	F20	A1A2A2MP19H1	5340-619-0214	F6	A1A7MP3, A1A7MP11
5315-934-8536	F6	A1A7MP2H1, A1A7MP10H1	5340-631-7894	F24	A1A2A2A6A1MP25
5320-117-6010	F42	A1A6A9MP1H12	5340-753-3456	F3	E1E1MP1
5320-117-6815	F6	A1A7MP2H3, A1A7MP10H3	5340-815-4929	F24	A1A2A2A6A1MP12 THRU A1A2A2A6A1MP15, A1A2A2A6A1MP16 THRU A1A2A2A6A1MP18, A1A2A2A6A1MP22 THRU A1A2A2A6A1MP24, A1A2A2A6A1MP29 THRU A1A2A2A6A1MP31
5320-117-6826	F6	A1A7MP2H3, A1A7MP3H2, A1A7MP10H3, A1A7MP11H2			
5320-117-6929	F22 F26	A1A2A2A13DS1H2 A1A3A4MP2H2			

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION
 (Continued)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5340-817-1161	F23	A1A2A2A6A1MP3, A1A2A2A6A1MP9 THRU A1A2A2A6A1MP11	5820-945-4311	F37	A1A5A1Z701
			5820-945-4312	F33	A1A6A2TB1
5340-947-9800	F23	A1A2A2A6MP4, A1A2A2A6MP15	5820-945-4313	F48	A1A6A8TB1
			5820-945-4314	F43	A1A6A7TB1
5340-999-4963	F23	A1A2A2A6MP3, A1A2A2A6MP14	5820-945-4315	F14	A1A1A2TB1
			5820-945-4316	F15	A1A1A1TB1
5355-444-4619	F19	A1A2A2DS10	5820-945-4318	F18	A1A2A3TB1
5355-878-5828	F22	A1A2A2A13DS1	5820-945-4319	F3	E1A1, E1A2
5355-944-4739	F19	A1A2A2DS1 THRU A1A2A2DS7	5820-999-6634	F20	A1A2A2A10 THRU A1A2A2A12
5355-944-7208	F21	A1A2A2A10DS1, A1A2A2A11DS1, A1A2A2A12DS1	5820-999-7974	F14	A1A1A2Z401
			5820-999-7975	F46	A1A6A1A1TB1
5355-999-9389	F19	A1A2A2DS8, A1A2A2DS9	5820-999-7976	F52	A1A6A6TB1
5805-926-0221	F1	S1	5820-999-7978	F45	A1A6A3Y1TB1
5820-054-9355	F7	A1A2	5820-999-8325	F8	A1W1
5820-089-7879	F7	A1G1	5905-078-7059	F27	A1A3R814
5820-089-7880	F7	A1A3	5905-089-8750	F29	A1A3A1R835
5820-089-7881	F7	A1A5	5905-102-5627	F28	A1A3A2R813
5820-089-7882	F7	A1A6	5905-171-2001	F29	1A13R819
5820-089-9194	F29	A1A3A1TB1	5905-190-8883	F27	A1A3R814
5820-089-9196	F2	SLW1	5905-190-8889	F31	A1A4PS1R304
5820-177-1640	F1	A1	5905-192-3973	F33	A1A4T1R302
5820-832-8210	F1	E1	5905-279-1692	F33	A1A4T1R301
5820-878-7305	F50	A1A6A4A1TB1	5905-279-2661	F31	A1A4PS1R307
5820-878-7316	F50	A1A6A4A2TB1	5905-279-3506	F29	A1A3A1R824
5820-878-7318	F57	A1A6A4A4TB1	5905-279-3521	F29	A1A3A1R821 THRU A1A3A1R823
5820-878-7322	F9	A1G1Y1	5905-400-1702	F45	A1A1A1R415
5820-878-7323	F22	A1A2A2A14MP4	5905-681-6462	F10 F14 F15	A1G1TB1R514 A1A1A2R440 A1A1A1R402, A1A1A1R416 A1A2A3R212 A1A3A2R809, A1A3A2R811 A1A6A7R617 A1A6A5R603, A1A6A5R606, A1A6A5R609 A1A6A6R613
5820-878-7324	F26	A1A3A2TB1		F18 F28	
5820-935-0030				F43 F47	
5820-935-0031	F1	A1	5905-681-8818	F52	
5820-935-0032	F1	E2		F10 F14	A1G1TB1R521 A1A1A2R435
5820-942-0500	F1	A3	5905-681-9969	F15 F37	A1A1A1R420 A1A5A1R710
5820-942-0818	F1	A2	5905-681-9970	F43	A1A6A7R619
5820-942-0844	F3	E1E1	5905-682-4083	F15	A1A1A1R403
5820-943-9164	F19 F20	A1A2A2A2, A1A2A2A3	5905-682-4097	F14 F15	A1A1A2R441 A1A1A1R411, A1A1A1R423, A1A1A1R424 A1A2A3R204, A1A2A3R205
5820-943-9239	F19	A1A2A2A1		F18	
5820-943-9240	F19	A1A2A2A9			
5820-944-7067	F47	A1A6A5TB1			
5820-944-8503	F7	A1A1			
5820-944-8504	F7	A1A4			

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION
 (Continued)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-682-4101	F15 F21	A1A1A1R422 A1A2A2R217	5905-686-3122	F15 F43	A1A1A1R405 A1A6A7R620
5905-682-4107	F9 F28	A1G1R32 A1A3A2R804, A1A3A2R805	5905-686-3128	F10 F29	A1G1TB1R512 A1A3A1R820
5905-682-4108	F15 F37	A1A1A1R408 A1A5A1R706	5905-686-3129	F15	A1A1A1R412
5905-682-4109	F15	A1A1A1R417	5905-686-3368	F14 F43 F47	A1A1A2R438 A1A6A7R615 A1A6A5R602, A1A6A5R605, A1A6A5R608 A1A6A6R612
5905-683-2235	F14 F15	A1A1A2R428 A1A1A1R407, A1A1A1R414	5905-686-3369	F52	A1A2A3R215
5905-683-2236	F10 F48	A1G1TB1R530 A1A6A8R630	5905-686-3370	F14	A1A1A2R446
5905-683-2238	F14	A1A1A2R427, A1A1A2R429, A1A1A2R430, A1A1A2R442, A1A1A2R443 A1A1A1R418 A1A6A3Y1R623 A1A6A8R628 A1A6A4A1R635	5905-686-3798	F14	A1A1A2R444
5905-683-2239	F45 F48 F50	A1A6A7R614 A1A6A3Y1R625 A1A6A8R626	5905-686-3838	F18 F45 F52	A1A2A3R214 A1A6A3Y1R622 A1A6A4A1R634 A1A6A6R611
5905-683-2241	F43 F45 F48	A1A6A7R614 A1A6A3Y1R625 A1A6A8R626	5905-686-3903	F14	A1A1A3R439
5905-683-2242	F14 F15 F37 F43 F45	A1A1A2R445 A1A1A1R401, A1A1A1R413	5905-686-9997	F10	A1G1TB1R513
5905-683-2242	F47 F48 F50	A1A6A5R610 A1A6A8R629, A1A6A8R632 A1A6A4A1R633, A1A6A4A1R636	5905-686-9998	F43	A1A6A7R618
5905-683-2243	F37	A1A5A1R705	5905-687-0000	F10 F15	A1G1TB1R516 A1A1A1R419
5905-683-2246	F10 F18 F43 F47	A1G1TB1R526 A1A2A3R202, A1A2A3R205 A1A6A7R616 A1A6A5R607	5905-687-0002	F18 F47	A1A2A3R213 A1A6A5R601, A1A6A5R604
5905-683-7720	F10 F15 F36 F37	A1G1TB1R517, A1G1TB1R519, A1G1TB1R522 A1A1A1R406 A1A5S1R708, A1A5S1R714 A1A5A1R707	5905-688-3738	F10 F28	A1G1TB1R511 A1A3A2R803
5905-683-7721	F10 F15 F28	A1G1TB1R518, A1G1TB1R523, A1G1TB1R528 A1A1A1R409 A1A3A2R801 A1A5S1R703, A1A5S1R704 A1A5A1R701, A1A5A1R715	5905-723-5251	F15 F18	A1A1A1R410 A1A2A3R207, A1A2A3R211
5905-683-7723	F11	A1A1R448	5905-725-6995	F10 F28	A1G1TB1R531 A1A3A2R802, A1A3A2R807, A1A3A2R810 A1A5A1R713
5905-683-7726	F29	A1A3A1R825	5905-726-4413	F37	A1A6A8R627
5905-686-3119	F15 F37	A1A1A1R447 A1A5A1R711	5905-726-9758	F46	A1A6A8R627
			5905-726-9795	F31	A1A4PS1R304
			5905-726-9811	F29	A1A3A1R824
			5905-727-8001	F33	A1A4T1R302
			5905-728-6124	F14	A1A1A2R431
			5905-728-6132	F29	A1A3A1R817
			5905-728-6136	F10 F14	A1G1TB1R521 A1A1A2R435
			5905-728-6138	F10 F28	A1G1TB1R511 A1A3A2R803
			5905-728-6139	F14 F37	A1A1A2R425 A1A5A1R702
			5905-728-6141	F15 F18	A1A1A1R410 A1A2A3R207, A1A2A3R211
				F18 F47	A1A2A3R213 A1A6A5R601, A1A6A5R604

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE

CI, TM 11-5820-590-35-1

TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-728-6151	F18	A1A2A3R215		F15	A1A1A1R407, A1A1A1R414
5905-728-6153	F14	A1A1A2R439	5905-763-4061	F14	A1A1A2R431
5905-734-0804	F10 F14 F15 F18 F43 F47 F52	A1G1TB1R514 A1A1A2R440 A1A1A1R402, A1A1A1R416 A1A2A3R212 A1A6A7R617 A1A6A5R603, A1A6A5R606, A1A6A5R609 A1A6A6R613	5905-764-2180	F10 F15 F28 F36 F37	A1G1TB1R518, A1G1TB1R523, A1G1TB1R528 A1A1A1R409 A1A3A2R801 A1A5S1R703, A1A5S1R704 A1A5A1R701, A1A5A1R715
5905-734-1003	F14 F15 F45 F48	A1A1A2R427, A1A1A2R429, A1A1A2R430, A1A1A2R442, A1A1A2R443 A1A1A1R418 A1A6A3Y1R623 A1A6A8R628 A1A6A4A1R635	5905-764-2186 5905-764-2472 5905-764-2479	F14 F15 F15 F37 F10	A1A1A2R445 A1A1A1R401, A1A1A1R413 A1A1A1R408 A1A5A1R706 A1G1TB1R517, A1G1TB1R519, A1G1TB1R522 A1A1A1R406 A1A5S1R708, A1A5S1R714 A1A5A1R707
5905-734-1021	F11	A1A1R448		F15 F36	A1A1A1R417
5905-734-1035	F28	A1A3A2R806		F37	A1A3A1R821 THRU A1A3A1R823
5905-734-1036	F15 F37	A1A1A1R420 A1A5A1R710	5905-764-2481	F15	A1A1A1R417
5905-734-1045	F14 F15 F37 F43 F45 F47 F48 F50	A1A1A2R433 A1A1A1R421 A1A5A1R712 A1A6A7R638 A1A6A3Y1R621, A1A6A3Y1R624 A1A6A5R610 A1A6A8R629, A1A6A8R632 A1A6A4A1R633, A1A6A4A1R636	5905-764-2494 5905-764-2772 5905-764-2773 5905-764-2775	F29 F43 F45 F48 F14 F15 F43	A1A3A1R821 THRU A1A3A1R823 A1A6A7R614 A1A6A3Y1R625 A1A6A8R626 A1A1A2R446 A1A1A1R405 A1A6A7R620
5905-734-1046	F43	A1A6A7R618	5905-764-2776	F14 F15	A1A1A2R441 A1A1A1R411, A1A1A1R423, A1A1A1R424 A1A2A3R204, A1A2A3R205
5905-734-1062	F10	A1G1TB1R513		F14	A1A1A2R437
5905-734-1150	F43	A1A6A7R619		F15	A1A1A1R404
5905-739-0763	F18	A1A2A3R208, A1A2A3R209	5905-764-2784	F14	A1A1A2R437
5905-739-5004	F15 F37	A1A1A1R447 A1A5A1R711	5905-772-9398 5905-773-0769	F15 F48	A1A1A1R404 A1A6A8R631 A1A6A4A1R637
5905-754-7891	F48	A1A6A8R627		F10 F48	A1G1TB1R530 A1A6A8R630
5905-754-7892	F18 F45 F52	A1A2A3R214 A1A6A3Y1R622 A1A6A4A1R634 A1A6A6R611	5905-773-0881 5905-773-0914	F10 F48 F14	A1A1A2R436
5905-755-8389	F48	A1A6A8R631 A1A6A4A1R637	5905-773-1868	F10 F15	A1G1TB1R516 A1A1A1R419
5905-758-5223	F37	A1A5A1R705	5905-774-8119	F14	A1A1A2R432
5905-758-5230	F10 F28 F37	A1G1TB1R531 A1A3A2R802, A1A3A2R807, A1A3A2R810 A1A5A1R713	5905-776-7212	F10 F18 F43 F47	A1G1TB1R526 A1A2A3R202, A1A2A3R203 A1A6A7R616 A1A6A5R607
5905-763-4056	F10 F28	A1G1TB1R524, A1G1TB1R527 A1A3A2R808	5905-780-8234 5905-780-8236	F14 F14	A1A1A2R444 A1A1A2R426
5905-763-4058	F14	A1A1A2R428	5905-781-7123	F28	A1A3A2R813

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION
 (Continued)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5905-801-2377	F15	A1A1A1R404		F14 F15	11A1A2C440 A1A1A1C424, A1A1A1C427
5905-801-8272	F14	A1A1A2R437			
5905-803-2908	F14	A1A1A2R426	5910-068-4475	F21	A1A2A2C201 THRU A1A2A2C208
5905-806-0636	F10 F25	A1G1TB1R524, A1G1TB1R527 A1A3A2R808	5910-082-5032	F38	A1A5A2C732
5905-807-0059	F14	A1A1A2R436	5910-082-5033	F10	A1G1TB1C511
5905-808-6135	F28	A1A3A2R806	5910-124-4962	F46	A1A6A1A1C602 THRU A1A6A1A1C611 A1A6A4A1C667 THRU A1A6A4A1C670, A1A6A4A1C672, A1A6A4A1C674, A1A6A4A1C676, A1A6A4A1C678, A1A6A4A1C680, A1A6A4A1C6101, A1A6A4A1C6103 A1A6A4A2C682, A1A6A4A2C694, A1A6A4A2C696, A1A6A4A2C697, A1A6A4A2C699
5905-811-8479	F29	A1A3A1R825 ¹		F30	
5905-813-5618	F27	A1A3R819			
5905-814-6280	F10 F29	A1G1TB1R512 A1A3A1R820			
5905-817-7971	F24	A1A3A1R817			
5905-825-5592	F37	A1A5A1R709			
5905-879-4956	F10	A1G1TB1R515, A1G1TB1R520, A1G1TB1R525			
5905-887-9762	F37	A1A5A1R709	5910-192-2406	F40	A1A6C628
5905-887-9763	F14 F43 F47	A1A1A2R438 A1A6A7R615 A1A6A5R602, A1A6A5R605, A1A6A5R608 A1A6A6R612	5910-255-4054	F10	A1G1TB1C513
	F32		5910-267-9471	F47	A1A6A5C612, A1A6A5C617
5905-889-1706	F15	A1A1A1R403	5910-460-0870	F10	A1G1TB1C511
5905-890-4232	F9 F28	A1G1R32 A1A3A2R804, A1A3A2R805	5910-465-7871	F34	A1A4T1C306
			5910-469-5621	F10	A1G1TB1C514
5905-892-6941	F14 F37	A1A1A2R425 A1A5A1R702	5910-615-5472	F38 F49 F52	A1A5A2C737 A1A6A8C6106 A1A6A6C632
5905-933-9782	F31	A1A4PS1R306	5910-617-3764	F10	A1G1TB1C512
5905-939-3886	F14	A1A1A2R434	5910-649-2917	F15	A1A1A1C414, A1A1A1C419
5905-948-6489	F31	A1A4PS1R303			
5905-951-7734	F14	A1A2A2R201	5910-683-3152	F37 F38	A1A5A1C738 A1A5A2C735
5905-978-7703	F29	A1A3A1R818	5910-760-6878	F10 F15	A1G1TB1C516 A1A1A1C426, A1A1A1C428 A1A6A7C639 THRU A1A6A7C641, A1A6A7C645 THRU A1A6A7C648 A1A6A3Y1C654 A1A6A5C614, A1A6A5C620
5905-984-3915	F18	A1A2A3R206, A1A2A3R210		F43	
5905-988-3019	F21	A1A2A2R216			
5905-989-9362	F31	A1A4PS1R305		F45 F47	
5905-994-6676	F27 F28 F28	A1A3R815, A1A3R816 A1A3A2R812	5910-763-6748	F57	A1A6A4A3C675
5910-044-4016	F38	A1A5A2C719, A1A5A2C741, A1A5A2C745, A1A5A2C748	5910-763-6761	F50	A1A6A4A2C681
			5910-764-2540	F10	A1G1TB1C514
5910-044-6140	F31	A1A4PS1C305	5910-779-8404	F33	A1A4T1C301
5910-057-3931	F47 F52	A1A6A5C616, A1A6A5C627 A1A6A6C630	5910-782-1973	F14	A1A1A2C432, A1A1A2C441
			5910-782-1974	F31	A1A4PS1C305
5910-068-4298	F10	A1G1TB1C515	5910-784-7714	F14	A1A1A2C434, A1A1A2C436

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5910-787-2109	F10 F14 F15	A1G1T81C515 A1A1A2C440 A1A1A1C424, A1A1A1C427		F57	A1A6A4A3C671, A1A6A4A3C673
5910-824-3976	F31	A1A4PS1C304	5910-897-6221	F12	A1A1A3C401 THRU A1A1A3C408
5910-844-5809	F52	A1A6A6C637	5910-900-5296	F10	A1G1T81C513
5910-857-9192	F28 F29 F45 F47 F48 F50 F52	A1A3C827 A1A3A2C801, A1A3A2C805, A1A3A2C808, A1A3A1C818, A1A3A1C820 THRU A1A3A1C822 A1A6A3Y1C652, A1A6A3Y1C653 A1A6A5C618, A1A6A5C623 THRU A1A6A5C625 A1A6A8C657 THRU A1A6A8C661 A1A6A4A1C662, A1A6A4A1C663 A1A6A6C633 THRU A1A6A6C635	5910-902-0335	F38	A1A5A2C702, A1A5A2C709, A1A5A2C739, A1A5A2C740, A1A5A2C743, A1A5A2C744, A1A5A2C746, A1A5A2C747
5910-863-5399	F40	A1A6C683 THRU A1A6C687, A1A6C689 THRU A1A6C691	5910-904-4876	F38	A1A5A2C703 THRU A1A5A2C706, A1A5A2C710 THRU A1A5A2C713, A1A5A2C720 THRU A1A5A2C723, A1A5A2C731 A1A5A2C733 A1A5A2C734 A1A5A2C736
5910-878-5733	F14	A1A1A2C437	5910-905-6425	F38	A1A5A2C703 THRU A1A5A2C706, A1A5A2C710 THRU A1A5A2C713, A1A5A2C720 THRU A1A5A2C723, A1A5A2C731, A1A5A2C733, A1A5A2C734, A1A5A2C736
5910-878-7113	F26	A1A3C825			
5910-879-4970	F50	A1A6A4A1C666, A1A6A4A3C6102	5910-926-2362	F43	A1A6A7C642, A1A6A7C644, A1A6A7C649, A1A6A7C651, A1A6A4A2C693
5910-880-4163	F18	A1A2A3C209		F50	
5910-880-5430	F15	A1A1A1C445	5910-936-1357	F33	A1A4T1C301
5910-880-5432	F15	A1A1A1C430	5910-942-0240	F27	A1A3C814
5910-880-7240	F15	A1A1A1C425, A1A1A1C446	5910-944-9844	F35	A1A5C701
5910-882-3775	F36 F43	A1A5S1C708 A1A6A7C643, A1A6A7C650	5910-945-0006	F18 F29 F47	A1A2A3C212 A1A3A1C819 A1A6A5C621
5910-892-3125	F15 F37	A1A1A1C409, A1A1A1C412, A1A1A1C415, A1A1A1C416, A1A1A1C418, A1A1A1C420 A1A5A1C715 THRU A1A5A1C718 A1A5A1C725 THRU A1A5A1C728	5910-945-0009	F45 F50	A1A6A3Y1C656 A1A6A4A1C665, A1A6A4A3C679
5910-893-5179	F31	A1A4PS1C304	5910-946-6784	F28	A1A3A2C806
5910-893-6745	F15 F28 F50	A1A1A1C429 A1A3A2C803, A1A3A2C804 A1A6A4A1C664	5910-947-6563	F40	A1A6C601
5910-893-8419	F14	A1A1A2C438, A1A1A2C439	5910-954-5508	F38	A1A5A2C730
5910-894-0734	F40 F47	A1A6C629 A1A6A5C619, A1A6A5C692	5910-990-6745	F38	A1A5A2C742
			5910-999-7767	F29 F45 F57	A1A3A1C823 A1A6A3Y1C6105 A1A6A4A3C677
			5910-999-7768	F10 F47	A1G1T81C517 A1A6A5C615, A1A6A5C626 A1A6A6C631, A1A6A6C636, A1A6A6C638
			5910-999-7769	F45	A1A6A3Y1C655

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5910-999-7769	F50	A1A6A4A2C698	5940-583-7741	F33	A1A4T1Q301H1, A1A4T1Q302H1
5910-999-7770	F47	A1A6A5C613			
	F50	A1A6A4A2C695	5940-606-7013	F4	A3E1
5910-999-7771	F15	A1A1A1C410, A1A1A1C413, A1A1A1C417, A1A1A1C421	5940-636-5429	F30	A1A4PS1MP6
			5940-665-5749	F30	A1A4PS1MP6
5910-999-7773	F47	A1A6A5C622	5940-682-2477	F27	A1A3A3E3, A1A3A3E8, A1A3E12 A1A5E107
5915-879-4971	F48	A1A6A8FL601		F35	
5915-944-4834	F12	A1A1FL401	5940-726-9525	F40	A1A6TB601
5920-825-0673	F30	A1A4PS1F302	5940-728-9988	F19	A1A2A2A4H1
5920-944-8772	F30	A1A4PS1F301	5940-784-4989	F17	A1A2A1E1, A1A2A1E3, A1A2A1E5, A1A2A1E7, A1A2A1E9, A1A2A1E11, A1A2A1E13
5930-583-6582	F19	A1A2A2S202			
5930-646-4619	F19	A1A2A2S202			
5930-878-5048	F19	A1A2A2MP16			
5930-879-4963	F49	A1A6A4S1	5940-811-3407	F19	A1A2A2E5
5930-944-2424	F19	A1A2A2S201	5940-820-4549	F30	A1A4PS1MP6H1
5930-945-0135	F46	A1A6A1S601	5940-839-7156	F03	A1A6A2TB1E1
5935-578-3494	F3	E1E1J1	5940-849-8394	F32	A1A4PS1Q303H1
5935-832-6775	F19	A1A2A2J201, A1A2A2J202	5940-879-3763	F3	E1E1E1, E1E1E3
5935-932-2864	F3	E1E1J2	5940-926-2478	F17	A1A2E1
5935-933-9403	F9	A1G1P502	5940-957-4929	F19	A1A2A2E3
5935-937-8297	F13	A1A1J401, A1A1J402	5940-999-4830	F19	A1A2A2E2
5935-944-9848	F30	A1A4PS1J301	5945-089-9130	F26	A1A3K801
5935-944-9857	F9	A1G1P501	5945-879-5004	F47	A1A6A5K601, A1A6A5K602
	F28	A1A3A2P801	5945-915-1052	F15	A1A1A1E1
	F48	A1A6A8P601	5945-930-0412	F30	A1A4PS1K301
5935-945-0001	F37	A1A5A1J702, A1A5A1J704, A1A5A1J705	5945-999-8715	F37	A1A5A1K701, A1A5A1K702
5935-946-9144	F37	A1A5A1J701, A1A5A1J703	5950-011-4381	F38	A1A5A2T713
5935-992-2035	F2	S1W1P1	5950-688-7287	F29	A1A3A1L806
5935-999-6713	F37	A1A5A1J701 A1A5A1J703	5950-703-0907	F29	A1A6L612, A1A6L613 A1A6A7L606, A1A6A7L607, A1A6A4A1L609
5940-159-1562	F11	A1A1FL401E1	5950-704-1993	F39	A1A6L604
5940-201-2849	F11	A1A1FL401H2	5950-726-6756	F39	A1A6L610, A1A6L611 A1A6A6L605
5940-229-7550	F26	A1A3E4		F52	
5940-235-0081	F10	A1G1TB1A1E8 THRU A1G1TB1A1E11	5950-727-2680	F29 F39	A1A3A1L805 A1A6L614 THRU A1A6L616 A1A6A5L601, A1A6A5L602, A1A6A5L603
5940-271-4030	F45	A1A6A3Y1TB1E2		F47	
5940-283-5280	F4	A3E2			
5940-463-7270	F10	A1G1TB1A1E12 THRU A1G1TB1A1E21, A1G1TB1A1E23 THRU A1G1TB1A1E39	5950-802-3607	F45	A1A6A3Y1L608
			5950-820-5477	F10	A1G1TB1T511, A1G1TB1T512

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION
 (Continued)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5950-827-8693	F28	A1A3A2L804	5950-944-4768	F43	A1A6A7T607, A1A6A7T609
5950-878-5802	F26	A1A3L807	5950-945-3752	F48	A1A6A8T613
5950-878-5805	F27	A1A3T801	5950-945-3754	F43	A1A6A7T605, A1A6A7T606 A1A6A8T612
5950-878-9669	F14	A1A1A2L408	5950-946-5371	F48	A1A6A6T602, A1A6A6T604
5950-879-6077	F38	A1A5A2T701	5950-946-5372	F52	A1A6A6T603
5950-879-6079	F38	A1A5A2T702	5950-947-3141	F47	A1A6A5T601
5950-879-6080	F38	A1A5A2T703	5950-983-5369	F24	A1A3A1L806
5950-879-6081	F38	A1A5A2T705	5950-999-4825	F37	A1A5A1T717
5950-879-6082	F38	A1A5A2T706	5950-999-9605	F35	A1A4T1L301
5950-879-6083	F38	A1A5A2T707	5955-878-7019	F51	A1A6A4A4Y645
5950-879-6084	F38	A1A5A2T709	5955-878-7020	F51	A1A6A4A4Y644
5950-879-6090	F38	A1A5A2T710	5955-878-7023	F51	A1A6A4A4Y646
5950-879-6091	F38	A1A5A2T711	5955-878-7025	F51	A1A6A4A4Y641
5950-879-6096	F38	A1A5A2T715	5955-878-7036	F51	A1A6A4A4Y643
5950-879-6097	F38	A1A5A2T716	5955-944-4665	F46	A1A6A1Y610
5950-879-6104	F38	A1A5A2T704	5955-944-4666	F46	A1A6A1Y602
5950-879-6109	F38	A1A5A2T708	5955-944-4667	F46	A1A6A1Y603
5950-879-6135	F38	A1A5A2T712	5955-944-4769	F46	A1A6A1Y609
5950-879-6140	F38	A1A5A2T714	5955-944-4779	F46	A1A6A1Y604
5950-879-6141	F27	A1A3T802	5955-944-4780	F46	A1A6A1Y605
5950-902-4812	F10	A1G1TB1T513	5955-944-4781	F46	A1A6A1Y606
5950-913-1967	F27	A1A3L808	5955-944-4782	F46	A1A6A1Y607
5950-921-3418	F14 F15 F28 F37	A1A1A2L406 A1A1A1L401 THRU A1A1A1L405, A1A1A1L410 A1A3A2L801 THRU A1A3A2L803 A1A5A1L701 THRU A1A5A1L703	5955-944-4783	F46	A1A6A1Y608
5950-926-3127	F45	A1A6A3Y1L608	5955-999-4836	F53	A1A6A2XY620
5950-926-3128	F28	A1A3A2L804	5955-999-4838	F45	A1A6A3Y1Y621
5950-926-3131	F37	A1A5A1L704, A1A5A1L705	5955-999-4839	F45	A1A6A3Y1Y622
5950-932-4480	F10	A1G1TB1L511	5955-999-4840	F45	A1A6A3Y1Y623
5950-937-7140	F33	A1A4T1T301	5955-999-4841	F45	A1A6A3Y1Y624
5950-944-4644	F15	A1A1A1T404	5955-999-4842	F45	A1A6A3Y1Y625
5950-944-4650	F15	A1A1A1T402	5955-999-4843	F45	A1A6A3Y1Y626
5950-944-4651	F15	A1A1A1T401	5955-999-4844	F45	A1A6A3Y1Y627
5950-944-4652	F15	A1A1A1T403	5955-999-4845	F45	A1A6A3Y1Y628
5950-944-4653	F45	A1A6A3Y1T611	5955-999-4846	F45	A1A6A3Y1Y629 A1A6A4A4Y642
5950-944-4654	F43	A1A6A7T608, A1A6A7T610	5955-999-4847	F45	A1A6A3Y1Y630
5950-944-4655	F50	A1A6A4A1T614	5955-999-4936	F51	A1A6A4A4Y640
			5955-999-4937	F57	A1A6A4A4Y639
			5955-999-4938	F57	A1A6A4A4Y638
			5955-999-4939	F46	A1A6A1Y601

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION
 (Continued)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
	F47	A1A6A5Y641	5961-752-6178	F28	A1A3A2VR801
5955-999-4940	F53	A1A6A2Y611	5961-771-7183	F14	A1A1A2Q411
5955-999-4941	F53	A1A6A2Y612	5961-814-0768	F10	A1G1TB1CR511 THRU A1G1TB1CR514
5955-999-4942	F53	A1A6A2Y613			
5955-999-4943	F53	A1A6A2Y614	5961-837-7262	F14 F31	A1A1A2Q413 A1A4PS1Q306
5955-999-4944	F53	A1A6A2Y615	5961-842-6937	F10	A1G1TB1Q511 THRU A1G1TB1Q514
5955-999-4945	F53	A1A6A2Y616			
5955-999-4946	F53	A1A6A2Y617		F14	A1A1A2Q408 THRU A1A1A2Q410
5955-999-4947	F53	A1A6A2Y618		F45 F47	A1A6A3Y1Q607 A1A6A5Q601, A1A6A5Q602, A1A6A5Q603 A1A6A6Q604
5955-999-4948	F53	A1A6A2Y619			
5955-999-4949	F53	A1A6A2Y620		F52	
5955-999-4950	F57	A1A6A4A4Y637	5961-845-6458	F21	A1A2A2CR203
5955-999-4951	F57	A1A6A4A4Y636	5961-850-5987	F28	A1A3A2Q803
5955-999-4952	F57	A1A6A4A4Y635	5961-851-8296	F29	A1A3A1VR803
5955-999-4953	F57	A1A6A4A4Y634	5961-852-7549	F10	A1G1TB1CR515
5955-999-4954	F57	A1A6A4A4Y633	5961-859-5177	F15	A1A1A1Q406, A1A1A1Q407
5955-999-4955	F57	A1A6A4A4Y632	5961-879-3089	F10	A1G1TB1Q511 THRU A1G1TB1Q514
5955-999-4956	F57	A1A6A4A4Y631			
5961-050-7499	F28	A1A3A2Q801, A1A3A2Q802		F15 F50	A1A1A1Q404, A1A1A1Q405 A1A6A4A1Q609
5961-052-2090	F43 F48	A1A6A7Q605, A1A6A7Q606 A1A6A8Q608	5961-879-4964	F37	A1A5A1Q701, A1A5A1Q702
5961-081-4816	F31	A1A4PS1Q305	5961-890-7034	F31	A1A4PS1CR308
5961-081-8365	F14 F29	A1A1A2Q412 A1A3A1Q806	5961-892-0734	F28	A1A3A2CR801, A1A3A2CR802
5961-104-3554	F31	A1A4PS1Q304H1, A1A4PS1Q305H1	5961-905-5083	F48	A1A6A8CR604
5961-226-1755	F18 F48 F52	A1A2A3E2 THRU A1A2A3E5 A1A6A8E1 A1A6A4A1E2 A1A6A6E1	5961-923-4337	F32	A1A4PS1Q304H1, A1A4PS1Q305H1
5961-519-6977	F33	A1A4T1C4301 THRU A1A4T1CR304	5961-924-4022	F43	A1A6A7CR603
5961-572-9486	F43	A1A6A7CR603	5961-926-0210	F48	A1A6A8CR604
5961-646-4611	F14 F15 F18 F21 F26 F29 F31 F37 F47	A1A1A2CR406 THRU A1A1A2CR408 A1A1A1CR401 THRU A1A1A1CR405 A1A2A3CR201, A1A2A3CR202 A1A2A2CR204 A1A3CR807 A1A3A1CR805, A1A3A1CR806 A1A4PS1CR306, A1A4PS1CR307 A1A5A1CR701, A1A5A1CR702 A1A6A5CR601, A1A6A5CR602	5961-939-4263	F31	A1A4PS1CR309
			5961-942-1271	F29	A1A3A1CR803
			5961-943-9179	F37	A1A5A1MP2, A1A5A1MP7
			5961-944-4663	F15	A1A1A1Q402, A1A1A1Q403
			5961-944-4757	F11	A1A2A3Q201 THRU A1A2A3Q204
			5961-944-4760	F31	A1A4PS1CR305
			5961-944-4761	F29	A1A3A1CR804
			5961-946-0947	F28	A1A3A2E1, A1A3A2E2
5961-714-1386	F30	A1A4PS1MP4	5961-951-8757	F15	A1A1A1Q401
			5961-973-2307	F32	A1A4PS1Q303

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION
 (Continued)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5961-989-6703	F32	A1A4PS1Q304			
5961-999-7341	F27	A1A3Q804, A1A3Q805			
5970-044-5873	F30	A1A4PS1XF1H3			
5970-052-9583	F47	A1A6A7E1, A1A6A7E2 A1A6A5E1 THRU A1A6A5E3			
5970-438-4731	F31	A1A4PS1Q303H1			
5970-763-1971	F31	A1A4PS1Q304H2, A1A4PS1Q305H2			
5970-956-4973	F14	A1A1A2E1 THRU A1A1A2E6			
	F15	A1A1A1E2 THRU A1A1A1E8			
	F43	A1A6A7E1, A1A6A7E2			
	F45	A1A6A3Y1E1			
	F47	A1A6A5E1 THRU A1A6A5E3			
	F52	A1A6A6E1			
5995-930-7016	F1	W1			
5995-999-4836	F46	A1A6A1XY610			
5999-878-5184	F28	A1A3A2MP2			
6145-682-9937	F2	S1W1W1			
6145-814-1209	F9	A1G1W1 THRU A1G1W3			
	F13	A1A1W1			
	F25	A1A2A2W1W1 A1A3W1			
	F28	A1A3A2W1			
	F37	A1A5A1W2			
	F48	A1A6A8W1 A1A6A4A1W1			
8040-620-3809	F25	A1A2A2W1MP1			
	F30	A1A4MP1			
8105-921-6711	F1	MP2			

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
-010X1-4 TYPE-G CLASS 1	81349	F47	A1A6A5MP2	AS-1887A/PRC-74	05869	F1	E2
AB-955/PRC-74	05869	F1	A3	AS256-3A6N	08714	F8	A1A2H1
AB129-PR	82204	F4	A3MP2	AY4-400FL	00141	F22	A1A2A2A1MP8
AMP30371-A	12138	F2	S1S1	A1486-FINISH	57771	F50	A1A6A4A1TB1MP2, A1A6A4A1TB1MP4
AN/PRC-74B	05869			A510-06	98410	F2	S1W1E1,S1W1E2
AN/PRC-74C	80058			A86G	59730	F11	A1A1FL401E1
AN345C0	81349	F10	A1G1TB1R520H2, A1G1TB1R525H2	BPR330	05046	F23	A1A2A2A6MP3, A1A2A2A6MP14
AN507-440R6	81349	F30	A1A4PS1XF1H3	BR12-140B12V	09026	F26	A1A3K801
AN507C632R6	81349	F16	A1A2A2H4	BR7X65D93S253	09026	F30	A1A4PS1K301
AN515C4-10	81349	F40	A1A6TB601H2	B706-1	07154	F19	A1A2A2S202H2
AN515C4-5	81349	F9	A1G1TB501H2, A1G1MP2H1	CD10C050K03	93790	F40	A1A6C629
		F17	A1A2E1H2,			F47	A1A6A5C619,
		F17	A1A2E2H2			F51	A1A6A5C692
		F26	A1A3TB801H2, A1A3TB802H2				A1A6A4A3C671, A1A6A4A3C673
		F37	A1A5A1TB701H2	CD10C101J03	93790	F30	A1G1TB1C517
AN520-0-5	81349	F10	A1G1TB1R525H2			F47	A1A6A5C615, A1A6A5C626
AN520C0R8	81349	F10	A1G1TB1R520H2			F52	A1A6A6C631, A1A6A6C636, A1A6A6C638
AN535-0-3	81349	F7	A1MP1H2	CD10C120J03	93790	F51	A1A6A4A3C675
AN6227-2	81349	F22	A1A2A2A1MP4, A1A2A2A2MP3, A1A2A2A2MP4, A1A2A2A3MP3, A1A2A2A3MP5, A1A2A2A9MP4, A1A2A2A9MP7, A1A2A2A10MP3, A1A2A2A10MP6, A1A2A2A11MP3, A1A2A2A11MP6, A1A2A2A12MP3, A1A2A2A12MP6, A1A2A2A13MP2, A1A2A2A13MP5	CD10C150J03	93790	F29	A1A3A1C823
		F20				F45	A1A6A3Y1C6105 A1A6A4A3C677
		F20		CD10C200J03	93790	F45	A1A6A3Y1C656
		F20				F51	A1A6A4A1C665, A1A6A4A3C679
		F21		CD10C240J03	93790	F50	A1A6A4A2C681
		F21		CD10C241J03	93790	F16	A1A1A1C410, A1A1A1C413, A1A1A1C417, A1A1A1C421
AN960C10	81349	F3	E1E1MP1H1	CD10C251J03	93790	F28	A1A3A2C806
AN960C10L	81349	F33	A1A4T1Q301H1, A1A4T1Q302H1	CD10C270J03	93790	F47	A1A6A5C613
AN960C3	81349	F39	A1A6A3H1	CD10C300J03	93790	F43	A1A6A7C642, A1A6A7C644, A1A6A7C649, A1A6A7C651
AN960C4	81349	F38	A1H1,A1H2			F50	A1A6A4A2C693
AN960C4L	81349	F39	A1A6MP7H4	CD10C301J03	93790	F47	A1A6A5C622
AN960C6	81349	F17	A1A2MP2H2, A1A2MP3H1, A1A2MP4H3	CD10C330J03	93790	F47	A1A6A5C613
		F30	A1A4PS1K301H2,			F50	A1A6A4A2C695
		F32	A1A4PS1Q304H2, A1A4PS1Q305H2	CD10C331J03	93790	F11	A1A2A3C212
		F34	A1A4T1T301H2			F29	A1A3A1C819
AN960C6L	81349	F11	A1A1FL401H2			F47	A1A6A5C621
		F19	A1A2A2A5H1, A1A2A2A7H1, A1A2A2A8H1	CD10C390J03	93790	F45	A1A6A3Y1C655
		F32	A1A4PS1Q304H2, A1A4PS1Q305H2			F50	A1A6A4A2C698
AN960C8	81349	F3	E1E1E1H2	CD10C470J03	93790	F50	A1A6A4A2C6100

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

CI, TM 11-5820-590-35-1

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
CD10C500J03	93790	F50	A1A6A4A1C666, A1A6A4A3C6102	CM06FD392J03	81349	F10	A1G1TB1C514
CD10C560J03	93790	F51	A1A6A4A3C6104	CO-02LGF2-18 0250	81349	F2	S1W1W1
CD10C620J03	93790	F27	A1A3C8I4	COR1-335	13476	F3	E1E2MP13 THRU E1E2MP22, E1E3MP35 THRU E1E3MP44
CK05CW102K	81349	F15 F28 F50	A1A1A1C429 A1A3A2C803, A1A3A2C804 A1A6A4A1C664	CRN1-8TYPE2	08795	F3	E1E2MP3 THRU E1E2MP12, E1E3MP25 THRU E1E3MP34
CK06CW103K	81349	F26 F28 F29 F45 F47 F48 F52	A1A3C827 A1A3A2C801, A1A3A2C805, A1A3A2C808 A1A3A1C818, A1A3A1C820, A1A3A1C821, A1A3A1C822 A1A6A3Y1C652, A1A6A3Y1C653 A1A6A5C618, A1A6A5C623, A1A6A5C624, A1A6A5C625 A1A6A8C657 THRU A1A6A8C661 A1A6A4A1C662, A1A6A4A1C663 A1A6A6C633, A1A6A6C634, A1A6A6C635	CSR09E475KM	81349	F34	A1A4T1C306
CK06CW272K	81349	F47 F52	A1A6A5C616, A1A6A5C627 A1A6A6C630	CSR13E107KL	81349	F33	A1A4T1C301
CK06CW562K	81349	F52	A1A6A6C637	CSR13E336KL	81349	F31	A1A4PS1C305
CK103	71590	F21	A1A2A2C201 THRU A1A2A2C208	CSR13G105KM	81349	F10 F14 F15	A1G1TB1C515 A1A1A2C440 A1A1A1C424, A1A1A1C427
CL65BL150MP3	81349	F33	A1A4T1C302, A1A4T1C303	CSR13G226KM	81349	F31	A1A4PS1C304
CM04FA331J03	81349	F29 F47	A1A3A1C819 A1A6A5C621	CS13BB685K	81349	F15	A1A1A1C425, A1A1A1C446
CM05CD100D03	81349	F38	A1A5A2C702, A1A5A2C709, A1A5A2C739, A1A5A2C740, A1A5A2C743, A1A5A2C744, A1A5A2C746, A1A5A2C747	CS13BC107K	81349	F18	A1A2A3C209
CM05D241J03	81349	F38	A1A5A2C730	CS13BC227K	81349	F15	A1A1A1C430
CM05D271J03	81349	F10	A1G1TB1C511	CS13BC336K	81349	F14	A1A1A2C434, A1A1A2C436
CM05D331J03	81349	F38	A1A5A2C732	CS13BE106K	81349	F14	A1A1A2C432, A1A1A2C441
CM05D470J03	81349	F38	A1A5A2C719, A1A5A2C741, A1A5A2C745, A1A5A2C748	CS13BE107K	81349	F33	A1A4T1C301
CM05FD271J03	81349	F10	A1G1TB1C511	CS13BE225K	81349	F15	A1A1A1C445
CM06D202J03	81349	F10	A1G1TB1C513	CS13BE336M	81349	F31	A1A4PS1C305
CM06D392J03	81349	F10	A1G1TB1C514	CS13BF105K	81349	F10 F14 F15	A1G1TB1C515 A1A1A2C440 A1A1A1C424, A1A1A1C427
CM06FD202J03	81349	F10	A1G1TB1C513	CT14-123K	90634	F38	A1A5A2C707
				CW-863/PRC-74	05869	F1	MP2
				CX-10239/PRC-74	05869	F1	W1
				CX-11468/U	05869	F2	S1W1
				C18C331K	16546	F18	A1A2A3C212
				C308	08289	F32	A1A4PS1Q304H1, A1A4PS1Q305H1
				C5-1	00141	F19	A1A2A2A1MP2H1, A1A2A2A1MP3H1, A1A2A2A2MP2H1, A1A2A2A3MP2H1, A1A2A2A10MP2H1, A1A2A2A11MP2H1, A1A2A2A12MP2H1, A1A2A2A13MP1H1, A1A2A2MP17H1, A1A2A2MP18H1
				C5-2	00141	F2	A1A2A2MP19H1
				DE1-123D	09454	F14	A1A1A2C437

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
DE1-823D	09454	F14	A1A1A2C438, A1A1A2C439	ERC1166-021	13571	F51	A1A6A4A4Y640
DM15-102J	72136	F10 F15 F43	A1G1TB1C516 A1A1A1C426, A1A1A1C428 A1A6A7C639 THRU A1A6A7C641, A1A6A7C645 THRU A1A6A7C648 A1A6A3Y1C654 A1A6A5C614, A1A6A5C620	ERC1166-022	13571	F51	A1A6A4A4Y641
		F45 F47		ERC1166-023	13571	F51	A1A6A4A4Y643
		F15	A1A1A1C414, A1A1A1C419	ERC1166-024	13571	F51	A1A6A4A4Y644
DM15-511J	72136	F15	A1A1A1C414, A1A1A1C419	ERC1166-025	13571	F51	A1A6A4A4Y645
DM15-681J	72136	F37 F38	A1A5A1C738 A1A5A2C735	ERC1166-026	13571	F51	A1A6A4A4Y646
DM15-751J	72136	F10	A1G1TB1C512	ERC1167-002	13571	F53	A1A6A2Y611
DM15-821J	72136	F38 F48 F52	A1A5A2C737 A1A6A8C6106 A1A6A6C632	ERC1167-003	13571	F53	A1A6A2Y612
DM20F562J	72136	F38	A1A5A2C742	ERC1167-004	13571	F53	A1A6A2Y613
EB1065	01121	F28 F28	A1A3R815, A1A3R816 A1A3A2R812	ERC1167-005	13571	F53	A1A6A2Y614
EC-1103	04633	F6	A1A7MP8	ERC1167-006	13571	F53	A1A6A2Y615
EC766	88525	F4	A2A1MP1	ERC1167-007	13571	F53	A1A6A2Y616
EPC04X103M	09454	F2	W1C1	ERC1167-008	13571	F53	A1A6A2Y617
ERC1166-002	13571	F45	A1A6A3Y1Y621	ERC1167-009	13571	F53	A1A6A2Y618
ERC1166-003	13571	F45	A1A6A3Y1Y622	ERC1167-010	13571	F53	A1A6A2Y619
ERC1166-004	13571	F45	A1A6A3Y1Y623	ERC1167-011	13571	F53	A1A6A2Y620
ERC1166-005	13571	F45	A1A6A3Y1Y624	ERC1168-002	13571	F46	A1A6A1Y601
ERC1166-006	13571	F45	A1A6A3Y1Y625	ERC1168-003	13571	F46	A1A6A1Y602
ERC1166-007	13571	F45	A1A6A3Y1Y626	ERC1168-004	13571	F46	A1A6A1Y603
ERC1166-008	13571	F45	A1A6A3Y1Y627	ERC1168-005	13571	F46	A1A6A1Y604
ERC1166-009	13571	F45	A1A6A3Y1Y628	ERC1168-006	13571	F46	A1A6A1Y605
ERC1166-010	13571	F45 F51	A1A6A3Y1Y629 A1A6A4A4Y642	ERC1168-007	13571	F46	A1A6A1Y606
ERC1166-011	13571	F45	A1A6A3Y1Y630	ERC1168-008	13571	F46	A1A6A1Y607
ERC1166-012	13571	F51	A1A6A4A4Y631	ERC1168-009	13571	F46	A1A6A1Y608
ERC1166-013	13571	F51	A1A6A4A4Y632	ERC1168-010	13571	F46	A1A6A1Y609
ERC1166-014	13571	F51	A1A6A4A4Y633	ERC1168-011	13571	F46	A1A6A1Y610
ERC1166-015	13571	F51	A1A6A4A4Y634	FA2003	13715	F45	A1A6A7CR603
ERC1166-016	13571	F51	A1A6A4A4Y635	FA4000	13715	F48	A1A6A8CR604
ERC1166-017	13571	F51	A1A6A4A4Y636	FA5H102W	01121	F12	A1A1A3C401 THRU A1A1A3C408
ERC1166-018	13571	F51	A1A6A4A4Y637	FH1032-14	46384	F4	A2A1MP2H1
ERC1166-019	13571	F51	A1A6A4A4Y638	FH632-6	46384	F16	A1A2A1MP10, A1A2A1MP39 THRU A1A2A1MP43
ERC1166-020	13571	F51	A1A6A4A4Y639	FN1014-440P18	80539	F9 F20	A1G1MP2H1 A1A2A2DS7H1
				FT-SM028TUR	98291	F31	A1A4PS1A1E6, A1A4PS1A1E10 THRU A1A4PS1A1E14
				FT-SM32TUR-WHITE	98291	F31	A1A4PS1A1E1

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
FTE12	98291	F10	A1G1TB1A1E12 THRU A1G1TB1A1E21, A1G1TB1A1E23 THRU A1G1TB1A1E39	JAN1N754A	81349	F10	A1G1TB1CR515
				JAN1N756A	81349	F21	A1A2A2CR203
				JAN1N757A	81349	F31	A1A4PS1CR308
FTE15	98291	F10	A1G1TB1A1E8 THRU A1G1TB1A1E11	JAN1N967B	81349	F29	A1A3A3VR803
				JAN2N1131	81349	F15 F29	A1A1A2Q412 A1A3A1Q806
FT1000DTUR	98291	F33	A1A4T1TB1E1 THRU A1A4T1TB1E12	JAN2N1484	81349	F32	A1A4PS1Q304
				JAN2N1485	81349	F32	A1A4PS1Q305
F18625-875	72656	F5	E2E1E3	JAN2N2219	81349	F28	A1A3A2Q801, A1A3A2Q802
F632-1	46384	F27	A1A3A3MP3, A1A3A3MP7 THRU A1A3A3MP12	JAN2N2222A	81349	F15	A1A1A1Q401
				JAN2N697	81349	F14 F31	A1A1A2Q413 A1A4PS1Q306
GA1-5PF5PCT	78488	F36 F43	A1A5S1C708 A1A6A7C643, A1A6A7C650	JAN2N706	81349	F10	A1G1TB1Q511 THRU A1G1TB1Q514 A1A1A2Q408 THRU A1A1A2Q410 A1A6A3Y1Q607 A1A6A5Q601, A1A6A5Q602, A1A6A5Q603 A1A6A6Q604
GG4601-040-801	94375	F9 F28 F48	A1G1P501 A1A3P802 A1A3A2P801 A1A6A8P601			F14 F45 F47	
GG4602-900-819	94375	F9	A1G1P502			F52	
GG4609-000-801	94375	F37	A1A5A1J702, A1A5A1J704, A1A5A1J705	JAN2N744	81349	F43 F48	A1A6A7Q605, A1A6A7Q606 A1A6A8Q608
GG4640-000-000	94375	F37	A1A5A1J701, A1A5A1J703			F48	
JAN1N251	81349	F29	A1A3A1CR803	JAN2N911	81349	F14	A1A1A2Q411
JAN1N3030B	81349	F28	A1A3A2VR801	JMC3901	91293	F46	A1A6A1A1C602 THRU A1A6A1A1C611 A1A6A4A1C667 THRU A1A6A4A1C670, A1A6A4A1C672, A1A6A4A1C674, A1A6A4A1C676, A1A6A4A1C678, A1A6A4A1C680, A1A6A4A1C6101, A1A6A4A1C6103, A1A6A4A2C682, A1A6A4A2C694, A1A6A4A2C696, A1A6A4A2C697, A1A6A4A2C699
JAN1N3064	81349	F10	A1G1TB1CR511 THRU A1G1TB1CR514			F55	
JAN1N4306	81349	F43	A1A6A7CR603				
JAN1N4307	81349	F48	A1A6A8CR604				
JAN1N4370A	81349	F31	A1A4PS1CR309				
JAN1N457	81349	F14 F15 F18 F21 F26 F29 F31 F37 F47	A1A1A2CR406 THRU A1A1A2CR408 A1A1A1CR401 THRU A1A1A1CR405 A1A2A3CR201, A1A2A3CR202 A1A2A2CR204 A1A3CR807 A1A3A1CR805, A1A3A1CR806 A1A4PS1CR306, A1A4PS1CR307 A1A5A1CR701, A1A5A1CR702 A1A6A5CR601, A1A6A5CR602	JMC5026	91293	F48 F50	A1A6A1A1C602 THRU A1A6A1A1C611 A1A6A4A1C667 THRU A1A6A4A1C670, A1A6A4A1C672, A1A6A4A1C674, A1A6A4A1C676, A1A6A4A1C678, A1A6A4A1C680, A1A6A4A1C6101, A1A6A4A1C6103, A1A6A4A2C682, A1A6A4A2C694, A1A6A4A2C696, A1A6A4A2C697, A1A6A4A2C699
JAN1N483B	81349	F28	A1A3A2CR801, A1A3A2CR802				
JAN1N538	81349	F33	A1A4T1CR301 THRU A1A4T1CR304				

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
KY-562/U	05869	F1	S1			F47	A1A6A5TB1E2
LP56D40S4	03038	F19	A1A2A2DS1H1 THRU A1A2A2DS6H1 A1A2A2DS8H1 THRU A1A2A2DS10H1			F48	A1A6A8TB1E1, A1A6A8TB1E3, A1A6A8TB1E5, A1A6A8TB1E7, A1A6A8TB1E9, A1A6A8TB1E11 A1A6A4TB1E2 A1A6A6TB1E2, A1A6A6TB1E4, A1A6A6TB1E6, A1A6A6TB1E8
LP57D40S16-SPL	03038	F26	A1A3MP8H4			F50	A1A7MP2H1, A1A7MP10H1
LP57D62S32-SPL	03038	F11 F30	A1A1MP2H4 A1A4MP2H1	MS171432	96906	F6	A1A7MP2H1, A1A7MP10H1
LP57D62S34-SPL	03038	F30	A1A4MP2H3	MS171435	96906	F5	E2E1MP22, E2E1MP23
LP57XA62J3	03038	F5	E2E1MP8	MS171494	96906	F5	E2E1MP21
MB535-2-MOD	88797	F35	A1A5CP1	MS17160-8	96906	F34	A1A4T1TB1MP3
MF6001-06	75237	F42	A1A6A9MP1H2	MS20364-632C	96906	F17	A1A2MP2H2, A1A2MP3H1, A1A2MP4H3 A1A4T1T301H1
MIL-G-23827	81349		A1A2A2MP8				
MIL-I-15126 1 1-2W	81349	F42	A1A6A9MP20				
MIL-I-16557	81349	F12 F15 F17	A1A1A4MP2 A1A1A1MP2 A1A2A1MP1	MS20426AD2-2	96906	F33	A1A1A4MP13H2 THRU A1A1A4MP20H2 A1A4P51A1MP14H2 THRU A1A4P51A1MP17H2 A1A6A9MP1H8
MIL-S-22473 GRADE-C	81349	F9 F19	A1G1MP5 A1A2A2MP13			F30	A1A2A1MP3H2, A1A2A1MP11H2, A1A2A1MP12H2, A1A2A1MP13H2
MIL-S-8660 10LB	81349		A1A2A2MP4			F42	A1A6A9MP1H12
MIL-T-43435 3TYPE1	81349	F13	A1A1MP7	MS20426AD2-3	96906	F42	A1A6A9MP1H12
MIL-T-43435 5TYPE1	81349	F25	A1A2A2W1MP3	MS20426AD2-4	96906	F22 F26	A1A2A2A13DS1H2 A1A3A4MP2H2
MIL-T-713 BLACK	81349	F19 F30	A1A2A2MP10 A1A4MP6	MS20426AD3-2	96906	F42	A1A6A9MP1H4
MIL-T-713 WHITE	81349	F13 F19 F30	A1A1MP7 A1A2A2MP10 A1A4MP6	MS20426AD3-3	96906	F16	A1A2A1MP3H2, A1A2A1MP11H2, A1A2A1MP12H2, A1A2A1MP13H2
MK-911A/PRC-74	05869	F1	E1				
ML3	80223	F14	A1A1A2L408	MS20426AD4-4	96906	F6	A1A7MP1H2
MMM-A-132	04633	F5	E2E1MP1	MS20427F4-4	96906	F4	A2A1MP3H6
MS122116	96906	F24	A1A2A2A6A1MP2, A1A2A2A6A1MP7, A1A2A2A6A1MP8	MS20470AD3-3	96906	F34	A1A4T1TB1MP3H1
MS122119	96906	F24	A1A2A2A6A1MP1, A1A2A2A6A1MP5, A1A2A2A6A1MP6	MS20470AD3-4	96906	F6	A1A7MP2H3, A1A7MP10H3
MS122138	96906	F33	A1A2A2A6A1MP3, A1A2A2A6A1MP9 THRU A1A2A2A6A1MP11	MS20470AD4-4	96906	F6	A1A7MP2H3, A1A7MP3H2, A1A7MP10H3, A1A7MP11H2
MS16624-4025	96906	F20	A1A2A2A1H1, A1A2A2A2H1, A1A2A2A3H1, A1A2A2A9H1, A1A2A2A10H1, A1A2A2A11H1, A1A2A2A12H1, A1A2A2A13H1	MS20659-2	96906	F11	A1A1FL401H2
MS17122-5	96906	F43 F45	A1A6A7TB1E1 THRU A1A6A7TB1E11 A1A6A3Y1TB1E2	MS20659-38	96906	F26	A1A3E4
				MS21075L06	96906	F16	A1A2A1MP3, A1A2A1MP11 THRU A1A2A1MP13
				MS21208F1-15	96906	F2.4	A1A2A2A6A1MP26 THRU A1A2A2A6A1MP28
				MS21208F6-15	96906	F4	A2A1MP2H1
				MS21209C0415	96906	F24	A1A2A2A6A1MP25

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
MS21209C0615	96906	F23	A1A2A2A6A1MP12 THRU A1A2A2A6A1MP15			F37	A1A5A1K701H2, A1A5A1K702H2, A1A5A1T717H2, A1A6A4A2H2, A1A6A4MP1H1
MS21209C0815	96906	F24	A1A2A2A6A1MP16 THRU A1A2A2A6A1MP18, A1A2A2A6A1MP22 THRU A1A2A2A6A1MP24, A1A2A2A6A1MP29 THRU A1A2A2A6A1MP31	MS35233-35	96906	F33	A1A4T1T301H1
MS21318-8	96906	F27	A1MP1H2	MS35233-41	96906	F16	A1A2A2H5
MS24693C2	96906	F26 F40	A1A3E12H1 A1A6A4H1, A1A6MP7H1	MS35233-8	96906	F19	A1A2A2MP16H2
MS25036-45	96906	F26	A1A3E4	MS35333-37	96906	F4	A3E2H1
MS25036-49	96906	F3	E1E1E1H2	MS35333-69	96906	F26 F37	A1A3MP3H1 A1A5A1K701H2, A1A5A1K702H2, A1A5A1T717H2 A1A6A3H1 A1A6A4A2H2, A1A6A4MP1H1
MS25036-6	96906	F4	A3E2	MS35333-70	96906	F8 F26	A1H2 A1A3K801H2, A1A3T801H1, A1A3T802H1 A1A4PS1MP6H2
MS25082-7	96906	F26	A1A3L807H1	MS35333-71	96906	F26 F30	A1A3C825H3 A1A4PS1K301H2
MS25085-1	96906	F19	A1A2A2S202	MS35333-72	96906	F20	A1A2A2A1H1
MS25281-2	96906	F3	E1E1MP1	MS35333-73	96906	F17	A1A2A2H2
MS27183-8	96906	F8 F20	A1H4, A1H8 A1A2A2A8H1, A1A2A2A14H1	MS35333-57	96906	F40	A1A6A4H1
MS27183-9	96906	F4	A2A1MP2H2	MS35333-60	96906	F3	E1E1MP1H1
MS35233-12	96906	F19	A1A2A2A4H2	MS35337-4	96906	F28	A1A3A2MP2H1
MS35233-13	96906	F8 F9 F11	A1H2 A1G1MP3H3, A1G1Y1H2 A1A1A1H4, A1A1A2H4, A1A1A3H2 A1A2A3H1 A1A4T1H4 A1A5A1H6, A1A5A2H10, A1A5C701H1 A1A6A4H1, A1A6A4H2	MS35337-77	96906	F10	A1G1TB1R520H2, A1G1TB1R525H2
MS35233-15	96906	F26 F30 F35 F39	A1A3A1H4 A1A4PS1XF1H3 A1A5A1MP1H4 A1A6A5H4	MS35337-78	96906	F26 F30 F35	A1A3A1H3, A1A3TB802H2 A1A4PS1XF1H3 A1A5A1MP1H4, A1A5C701H1 A1A5A1TB701H2 A1A6A4H2, A1A6A5H4, A1A6A6H4, A1A6A7H4, A1A6A8H4, A1A6TB601H2
MS35233-18	96906	F40	A1A6A6H3, A1A6A7H4, A1A6A8H3, A1A6TB601H2	MS35337-79	96906	F8 F11 F32	A1A5H4 A1A1FL401H4 A1A4PS1Q304H2, A1A4PS1Q305H2
MS35233-2	96906	F42	A1A6A9H7	MS35337-80	96906	F3	E1E1E1H2
MS35233-25	96906	F4 F26	A3E2H1 A1A3A4H4, A1A3C825H3	MS35337-81	96906	F22	A1A2A2A14MP8
MS35233-26	96906	F9 F11	A1G1TB1H2 A1A1FL401H4	MS35338-13	96906	F17	A1A2E1H2
MS35233-27	96906	F23	A1A2A2A6MP4H4	MS35338-135	96906	F17	A1A2E2H2
MS35233-28	96906	F28	A1A5H4	MS35338-136	96906	F11 F32	A1A1FL401H4 A1A4PS1Q304H2, A1A4PS1Q305H2
MS35233-3	96906	F26	A1A3MP3H1	MS35338-138	96906	F32 F33	A1A4PS1Q303H1 A1A4T1Q301H1, A1A4T1Q302H1

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
MS35338-81	96906	F32	A1A4PS1Q303H1				A1A6L614 THRU A1A6L616 A1A6A5L601, A1A6A5L602, A1A6A5L603
MS35425-37	96906	F4	A2A1MP2H1			F47	
MS35489-1	96906	F13 F30	A1A1MP4 A1A4PS1MP3	MS77068-1	96906	F24	A1A3A3E3 A1A3A3E8, A1A3E12 A1A5E107
MS35489-33	96906	F30	A1A4MP4				
MS35489-4	96906	F11 F26 F30	A1A1MP3 A1A3MP5 A1A4PS1MP10	MS90537-17	96906	F37	A1A5A1L704, A1A5A1L705
MS35649-264	96906	F32	A1A4PS1Q304H2, A1A4PS1Q305H2	MS90537-25	96906	F28	A1A3A2L804
MS35650-304	96906	F33	A1A4T1Q301H1, A1A4T1Q302H1	MS90537-31	96906	F45	A1A6A3Y1L608
MS35751-2	96906	F4	A2A1MP2H1	MS90537-37	96906	F14 F15	A1A1A2L406 A1A1A1L401 THRU A1A1A1L405, A1A1A1L410
MS51923-185	96906	F20	A1A2A2A7MP2, A1A2A2A7MP3			F28	A1A3A2L801 THRU A1A3A2L803 A1A5A1L701 THRU A1A5A1L703
MS51957-12	96906	F35	A1A5A2H1			F37	
MS51957-13	96906	F11 F30 F35	A1A1A3H2 A1A4T1H4 A1A5A1H6, A1A5A2H9, A1A5C701H1	MS90537-48	96906	F29	A1A3A1L806
				MS90537-7	96906	F17	A1A3L808
MS51957-14	96906	F11 F37	A1A1A1H4, A1A1A2H4 A1A5A1TB701H2	MT-3613/PRC-74	05869	F1	A2
MS51957-15	96906	F26 F35	A1A3A1H4, A1A3TB802H2 A1A5A1MP1H4	MX-7256/PRC-74	05869	F3	E1E1
MS51957-17	96906	F8	A1H2	NAS1068C06LM	80205	F16	A1A2A1MP3, A1A2A1MP11 THRU A1A2A1MP13 A1A3A4MP2
MS51957-26	96906	F32	A1A4PS1Q304H2, A1A4PS1Q305H2	NAS1081C04D2	80205	F35	A1A5CP1H2
MS51957-27	96906	F11 F23 F30	A1A1FL401H4 A1A2A2A6MP4H2, A1A2A2A6MP15H2 A1A4PS1Q304H2, A1A4PS1Q305H2	NAS1081C06D3	80205	F26	A1A3CP1H2 A1A6CP1H2 THRU A1A6CP6H2
MS51957-3	96906	F37	A1A5A1K701H2, A1A5A1K702H2, A1A5A1T717H2 A1A6A4A2H2, A1A6A4MP1H1	NAS1081C06D4	80205	F35	A1A5CP2H2 A1A6CP3H2
				NAS1291-02	80205	F19	A1A2A2S202H2
MS51957-36	96906	F33	A1A4T1T301H1	NAS1291C02M	80205	F39	A1A6A3H1, A1A6MP7H1
MS51957-42	96906	F17	A1A2A2H5	NAS1297-3-5	80205	F22	A1A2A2A14MP3
MS51957-8	96906	F19	A1A2A2S202H2	NAS1352C08-16	80205	F23	A1A2A2A6MP3H2, A1A2A2A6MP14H2
MS51958-61	96906	F3	E1E1MP1H1	NAS1352C08-6	80205	F20	A1A2A2A14H1
MS75008-40	96906	F39	A1A6L604	NAS1515M04L	80205	F30	A1A4PS1K301H2, A1A4PS1XF1H3
MS75008-42	96906	F39 F43	A1A6L612, A1A6L613 A1A6A7L606, A1A6A7L607 A1A6A4A1L609	NAS557-4B	80205	F27	A1A3MP5
MS75052-3	96906	F39	A1A6L610, A1A6L611 A1A6A6L605	NAS620C10	80205	F20	A1A2A2A14H1
MS75052-5	96906	F29	A1A3A1L805	NAS620C2	80205	F19 F26 F37 F39 F46 F49	A1A2A2S202H4 A1A3MP3H1 A1A5A1MP2H1, A1A5A1MP7H1 A1A6A3H1, A1A6MP7H1 A1A6A1MP22, A1A6A1MP23 A1A6A4A2H2, A1A6A4MP21H4

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
NAS620C4L	80205	F8 F9 F11 F9 F17	A1H1 A1G1MP2H1, A1G1TB501H2 A1A1A1H4, A1A1A2H4, A1A2A3H4, A1A2E1H2, A1A2E2H2 A1A3A1H4, A1A3TB801H2, A1A3TB802H2 A1A4PS1XF1H3, A1A4T1H4 A1A5A2H6 A1A5A1TB701H2 A1A6A4H2, A1A6A5H4 THRU A1A6A8H4, A1A6TB601H2	PR410-51 PR429-1 PR429-2 PR429-3 PR431-1 PT3503 PT3603 PT432 PT835 P422TEFLON1-2WIDTH P52-632	05046 05046 05046 05046 05046 01281 01281 06341 01281 99742 73197	F30 F17 F17 F47 F19 F28 F27 F14 F15 F25 F17	A1A4PS1XF1H3 A1A2A1H7 A1A2A1H2 A1A2A1H1 A1A2A2A5H1, A1A2A2A7H1, A1A2A2A8H1 A1A3A2Q803 A1A3Q804, A1A3Q805 A1A1A2MP2 A1A1A1Q406, A1A1A1Q407 A1A2A2W1MP2 A1A2A1MP9, A1A2A1MP30 THRU A1A2A1MP38
NAS620C416L	80205	F20 F38	A1A2A2A1H1, A1A2A2A2H1, A1A2A2A3H1, A1A2A2A9H1 THRU A1A2A2A13H1 A1A5A2T701H1 THRU A1A5A2T716H1	QC1-0PPF0RM5PCT Q3-0079 RCR07G100JM RCR07G101JM	95121 71984 81349 81349	F33 F10 F29 F10 F15 F28	A1A551C729 A1G1TB1MP1, A1G1TB1MP5 THRU A1G1TB1MP7 A1A3A1R817 A1G1TB1R518, A1G1TB1R523, A1G1TB1R528 A1A1A1R409 A1A3A2R801 A1A551R703, A1A551R704 A1A5A1R701, A1A5A1R715
NAS620C6L	80205	F33	A1A4T1T301H1	RCR07G102JM	81349	F36 F10 F15 F18 F43 F47	A1A551C729 A1G1TB1R514 A1A1A2R440 A1A1A1R402, A1A1A1R416 A1A2A3R212 A1A6A7R617 A1A6A5R603, A1A6A5R606, A1A6A5R609 A1A6A6R613
NAS620C8	80205	F17	A1A2A2H5	RCR07G103JM	81349	F52 F14 F15 F18 F45 F48	A1A551C729 A1A1A2R427, A1A1A2R429, A1A1A2R430, A1A1A2R442. A1A1A2R443 A1A1A1R418 A1A6A3Y1R623 A1A6A8R628 A1A6A4A1R635
NAS671-8	80205	F28	A1A3A2MP2H1	RCR07G104JM	81349	F15 F45 F48	A1A1A1R412 A1A1A1R403
NAS671C10	80205	F22	A1A2A2A14MP6 A1A4PS1Q303H1	RCR07G105JM	81349	F10 F14 F15 F18 F43 F47	A1G1TB1R514 A1A1A2R440 A1A1A1R402, A1A1A1R416 A1A2A3R212 A1A6A7R617 A1A6A5R603, A1A6A5R606, A1A6A5R609 A1A6A6R613
NAS671C2	80205	F26 F37	A1A3MP3H1 A1A5A1K701H2, A1A5A1K702H2, A1A5A1T717H2 A1A6A3H1	RCR07G106JM	81349	F14 F15 F18 F43 F47	A1G1TB1R514 A1A1A2R440 A1A1A1R402, A1A1A1R416 A1A2A3R212 A1A6A7R617 A1A6A5R603, A1A6A5R606, A1A6A5R609 A1A6A6R613
NAS671C4	80205	F26	A1A3A3MP2, A1A3E12H1, A1A3K801H2, A1A3T801H1, A1A3T802H1 A1A4PS1MP6H1, A1A4PS1XF1H3 A1A5C701H1 A1A6A4H2	RCR07G107JM	81349	F10 F14 F15 F18 F43 F47	A1G1TB1R514 A1A1A2R440 A1A1A1R402, A1A1A1R416 A1A2A3R212 A1A6A7R617 A1A6A5R603, A1A6A5R606, A1A6A5R609 A1A6A6R613
NAS671C6	80205	F30	A1A4PS1K301H2, A1A4PS1Q304H2, A1A4PS1Q305H2	RCR07G108JM	81349	F52 F14 F15 F18 F43 F47	A1A1A2R427, A1A1A2R429, A1A1A2R430, A1A1A2R442. A1A1A2R443 A1A1A1R418 A1A6A3Y1R623 A1A6A8R628 A1A6A4A1R635
NAS679A3	80205	F4	A2A1MP2H1	RCR07G109JM	81349	F14 F15 F18 F43 F47	A1A1A2R427, A1A1A2R429, A1A1A2R430, A1A1A2R442. A1A1A2R443 A1A1A1R418 A1A6A3Y1R623 A1A6A8R628 A1A6A4A1R635
NO-3	82240	F4	A2A1MP3	RCR07G110JM	81349	F10 F29	A1G1TB1R512 A1A3A1R820
PD9047	01281	F29	A1A3A1CR804	RCR07G111JM	81349	F10 F29	A1G1TB1R512 A1A3A1R820
PENNTUBE2SMT2	09795	F34	A1A4T1MP4, A1A4T1MP13 THRU A1A4T1MP15	RCR07G112JM	81349	F10 F29	A1G1TB1R512 A1A3A1R820
PENNTUBE2SMT4	09795	F28	A1A3A2MP7	RCR07G113JM	81349	F10 F29	A1G1TB1R512 A1A3A1R820
PIP4	80223	F10	A1G1TB1T513	RCR07G114JM	81349	F10 F29	A1G1TB1R512 A1A3A1R820
PIP5	80223	F10	A1G1TB1T511, A1G1TB1T512	RCR07G115JM	81349	F10 F29	A1G1TB1R512 A1A3A1R820
PR118-3	05046	F50	A1A6A4A1TB1E1, A1A6A4A1TB1E3, A1A6A4A1TB1E5, A1A6A4A3TB1E1, A1A6A4A4TB1E1	RCR07G116JM	81349	F48	A1A6A8R627

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
RCR07G132JM	81349	F15 F37	A1A1A1R447 A1A5A1R711	RCR07G330JM	81349	F10 F28	A1G1TB1R524, A1G1TB1R527 A1A3A2R808
RCR07G151JM	81349	F37	A1A5A1R705	RCR07G331JM	81349	F18	A1A2A3R215
RCR07G152JM	81349		A1A1R448	RCR07G332JM	81349	F15 F37	A1A1A1R420 A1A5A1R710
RCR07G153JM	81349	F10 F14	A1G1TB1R521 A1A1A2R435	RCR07G333JM	81349	F14	A1A1A2R439
RCR07G161JM	81349	F37	A1A5A1R709	RCR07G363JM	81349	F29	A1A3A1R825
RCR07G181JM	81349	F9 F28	A1G1R32 A1A3A2R804, A1A3A2R805	RCR07G391JM	81349	F10 F48	A1G1TB1R530 A1A6A8R630
RCR07G182JM	81349	F10 F28	A1G1TB1R511 A1A3A2R803	RCR07G433JM	81349	F14	A1A1A2R436
RCR07G183JM	81349	F10 F15	A1G1TB1R516 A1A1A1R419	RCR07G471JM	81349	F14 F15 F37 F43 F45	A1A1A2R433 A1A1A1R421 A1A5A1R712 A1A6A7R638 A1A6A3Y1R621, A1A6A3Y1R624 A1A6A5R610 A1A6A8R629, A1A6A8R632 A1A6A4A1R633, A1A6A4A1R636
RCR07G201JM	81349	F43 F45 F48	A1A6A7R614 A1A6A3Y1R625 A1A6A8R626	RCR07G472JM	81349	F43	A1A6A7R618
RCR07G202JM	81349	F14	A1A1A2R446	RCR07G473JM	81349	F10 F18	A1G1TB1R526 A1A2A3R202, A1A2A3R203 A1A6A7R616 A1A6A5R607
RCR07G203JM	81349	F14 F43 F47	A1A1A2R438 A1A6A7R615 A1A6A5R602, A1A6A5R605, A1A6A5R608 A1A6A6R612	RCR07G510JM	81349	F10	A1G1TB1R517, A1G1TB1R519, A1G1TB1R522 A1A1A1R406 A1A5S1R708, A1A5S1R714 A1A5A1R707
RCR07G220JM	81349	F52	A1A6A8R631 A1A6A4A1R637	RCR07G511JM	81349	F14	A1A1A2R437
RCR07G221JM	81349	F14 F37	A1A1A2R425 A1A5A1R702	RCR07G512JM	81349	F14 F15	A1A1A2R445 A1A1A1R401, A1A1A1R413
RCR07G222JM	81349	F15 F18	A1A1A1R410 A1A2A3R207, A1A2A3R211	RCR07G561JM	81349	F15	A1A1A1R417
RCR07G223JM	81349	F18 F47	A1A2A3R213 A1A6A5R601, A1A6A5R604	RCR07G680JM	81349	F14 F15	A1A1A2R428 A1A1A1R407, A1A1A1R414
RCR07G241JM	81349	F15 F37	A1A1A1R408 A1A5A1R706	RCR07G681JM	81349	F14	A1A1A2R431
RCR07G270JM	81349	F28	A1A3A2R806	RCR07G682JM	81349	F10	A1G1TB1R513
RCR07G271JM	81349	F10 F28	A1G1TB1R531 A1A3A2R802, A1A3A2R807, A1A3A2R810 A1A5A1R713	RCR07G750JM	81349	F15	A1A1A1R404
RCR07G272JM	81349	F37	A1A5A1R713	RCR07G752JM	81349	F15	A1A1A1R422 A1A2A2R217
RCR07G272JM	81349	F14	A1A1A2R444	RCR07G822JM	81349	F43	A1A6A7R619
RCR07G273JM	81349	F18 F45 F52	A1A2A3R214 A1A6A3R622 A1A6A4A1R634 A1A6A6R611	RCR20G100JM	81349	F27	A1A3R814
RCR07G301JM	81345	F15 F43	A1A1A1R405 A1A6A7R620	RCR20G101JM	81349	F31	A1A4P5R1304
RCR07G302JM	81349	F14 F15	A1A1A2R441 A1A1A1R411, A1A1A1R423, A1A1A1R424 A1A2A3R204, A1A2A3R205	RCR20G150JM	81349	F29	A1A3A1R821, A1A3A1R822, A1A3A1R823
RCR07G303JM	81349	F14	A1A1A2R426	RCR20G2R7JM	81349	F28	A1A3A2R813

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
RCR20G332JM	81349	F29	A1A3A1R824	RC07GF202J	81349	F14	A1A1A2R446
RCR20G362JM	81349	F27	A1A3R819	RC07GF203J	81349	F14 F43 F47	A1A1A2R438 A1A6A7R615 A1A6A5R602, A1A6A5R605, A1A6A5R608 A1A6A6R612
RCR20G471JM	81349	F33	A1A4T1R302			F52	
RCR32G100JM	81349	F33	A1A4T1R301			F48	A1A6A8R631 A1A6A4A1R637
RCR32G182JM	81349	F31	A1A4PS1R307	RC07GF220J	81349	F48	A1A6A8R631 A1A6A4A1R637
RC07GF100J	81349	F29	A1A3A1R817			F14 F37	A1A1A2R425 A1A5A1R702
RC07GF101J	81349	F10	A1G1TB1R518, A1G1TB1R523, A1G1TB1R528 A1A1A1R409 A1A3A2R801 A1A5S1R703, A1A5S1R704 A1A5A1R701, A1A5A1R715	RC07GF221J	81349	F14 F37	A1A1A2R425 A1A5A1R702
		F15 F28		RC07GF222J	81349	F15 F18	A1A1A1R410 A1A2A3R207, A1A2A3R211
		F37		RC07GF223J	81349	F18 F47	A1A2A3R213 A1A6A5R601, A1A6A5R604
RC07GF102J	81349	F10 F14 F15 F18 F28 F43 F47 F52	A1G1TB1R514 A1A1A2R440 A1A1A1R402, A1A1A1R416, A1A2A3R212 A1A3A2R809, A1A3A2R811 A1A6A7R617 A1A6A5R603, A1A6A5R606, A1A6A5R609 A1A6A6R613	RC07GF241J	81349	F15 F37	A1A1A1R408 A1A5A1R706
				RC07GF270J	81349	F28	A1A3A2R806
				RC07GF271J	81349	F10 F28	A1G1TB1R531 A1A3A2R802, A1A3A2R807, A1A3A2R810 A1A5A1R713
RC07GF103J	81349	F14 F15 F45 F48 F15 F45 F48	A1A1A2R427, A1A1A2R429, A1A1A2R430, A1A1A2R442, A1A1A2R443 A1A1A1R418 A1A6A3Y1R623 A1A6A8R628 A1A6A4A1R635	RC07GF272J	81349	F14	A1A1A2R444
				RC07GF273J	81349	F18 F45 F52	A1A2A3R214 A1A6A3Y1R622 A1A6A4A1R634 A1A6A6R611
				RC07GF301J	81349	F15 F43	A1A1A1R405 A1A6A7R620
RC07GF104J	81349	F15	A1A1A1R412	RC07GF302J	81349	F14 F15	A1A1A2R441 A1A1A1R411, A1A1A1R423, A1A1A1R424 A1A2A3R204, A1A2A3R205
RC07GF111J	81349	F15	A1A1A1R403			F18	
RC07GF113J	81349	F10 F29	A1G1TB1R512 A1A3A1R820	RC07GF303J	81349	F14	A1A1A2R426
RC07GF123J	81349	F48	A1A6A8R627	RC07GF330J	81349	F10	A1G1TB1R524 A1G1TB1R527 A1A3A2R808
RC07GF132J	81349	F15 F37	A1A1A1R447 A1A5A1R711			F18	A1A2A3R215
RC07GF151J	81349	F37	A1A5A1R705	RC07GF331J	81349	F18 F37	A1A1A1R420 A1A5A1R710
RC07GF152J	81349	F11	A1A1R448	RC07GF332J	81349	F15 F37	A1A1A1R420 A1A5A1R710
RC07GF153J	81349	F10 F14	A1G1TB1R521 A1A1A2R435	RC07GF333J	81349	F14	A1A1A2R439
RC07GF161J	81349	F37	A1A5A1R709	RC07GF363J	81349	F29	A1A3A1R825
RC07GF181J	81349	F9 F28	A1G1R32 A1A3A2R805	RC07GF391J	81349	F10 F48	A1G1TB1R530 A1A6A8R630
RC07GF182J	81349	F10 F28	A1G1TB1R511 A1A3A2R803	RC07GF433J	81349	F14	A1A1A2R436
RC07GF183J	81349	F10 F15	A1G1TB1R516 A1A1A1R419	RC07GF471J	81349	F14 F15 F37 F43 F45 F47	A1A1A2R433 A1A1A1R421 A1A5A1R712 A1A6A7R638 A1A6A3Y1R621, A1A6A3Y1R624 A1A6A5R610
RC07GF201	81349	F43 F45 F48	A1A6A7R614 A1A6A3Y1R625 A1A6A8R626				

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
		F48	A1A6A8R629, A1A6A8R632 A1A6A4A1R633, A1A6A4A1R636	RM108	08289	F32	A1A4PS1Q303H1
RC07GF472J	81349	F43	A1A6A7R618	RST-SM31TUR-CD1	98291	F31	A1A4PS1A1E7, A1A4PS1A1E15 THRU A1A4PS1A1E19
RC07GF473J	81349	F10 F18	A1G1TB1R526 A1A2A3R202, A1A2A3R203 A1A6A7R616 A1A6A5R607	RSTSM1TUR-P2	98291	F21	A1A2A2A4E1 THRU A1A2A2A4E4
RC07GF510J	81349	F43 F47 F10	A1G1TB1R517, A1G1TB1R519, A1G1TB1R522 A1A1A1R406 A1A5S1R708, A1A5S1R714 A1A5A1R707	RSTSM23TUR	98291	F17	A1A2A1E1, A1A2A1E3, A1A2A1E5, A1A2A1E7, A1A2A1E9, A1A2A1E11, A1A2A1E13
RC07GF511J	81349	F14 F15	A1A1A2R437, A1A1A2R445 A1A1A1R401, A1A1A1R413	RT-794B/PRC-74	05869	F1	A1
RC07GF561J	81349	F15	A1A1A1R417	RT-794C/PRC-74	80058	F1	A1
RC07GF680J	81349	F14 F15	A1A1A2R428 A1A1A1R407, A1A1A1R414	RW69VR56	81349	F31	A1A4PS1R305
RC07GF681J	81349	F14	A1A1A2R431	RW69V1R5	81349	F29	A1A3A1R818
RC07GF682J	81349	F10	A1G1TB1R513	RW69V120	81349	F21	A1A2A2R216
RC07GF750J	81349	F15	A1A1A1R404	R2067	99942	F31	A1A4PS1CR305
RC07GF752J	81349	F15	A1A1A1R422 A1A2A2R217	SCB83314-2	98003	F6	A1A7MP3, A1A7MP11
RC07GF822J	81349	F43	A1A6A7R619	SCM475BP020A2	01295	F34	A1A4T1C306
RC20GF100J	81349	F27	A1A3R814	SDM304	08289	F32	A1A4PS1Q304H1, A1A4PS1Q305H1
RC20GF101J	81349	F31	A1A4PS1R304	SE53	61957	F18	A1A2A3TB1MP2
RC20GF150J	81349	F29	A1A3A1R821, A1A3A1R822, A1A3A1R823	SM8168-2	04713	F18	A1A2A3Q201 THRU A1A2A3Q204
RC20GF2R7J	81349	F28	A1A3A2R813	SOS440-12	46384	F27	A1A3A3MP5, A1A3A3MP14 THRU A1A3A3MP17
RC20GF332J	81349	F29	A1A3A1R824	SOS440-20	46384	F42	A1A6A9E1, A1A6A9E2
RC20GF362J	81349	F27	A1A3R819	SOS440-22	46384	F42	A1A6A9MP5, A1A6A9MP9 THRU A1A6A9MP19
RC20GF471J	81349	F33	A1A4T1R302	SOS440-24	46384	F27	A1A3A3MP6, A1A3A3MP18, A1A3A3MP19
RC32GF100J	81349	F33	A1A4T1R301	SOS440-4	46384	F16	A1A3A1MP4, A1A2A1MP14 THRU A1A2A1MP22 A1A3A3MP4, A1A3A3MP13 A1A3A4MP3, A1A3A4MP5
RC32GF182J	81349	F31	A1A4PS1R307	SOS5632-16	46384	F16	A1A2A1MP5, A1A2A1MP23 THRU A1A2A1MP29
RFCM1000	08742	F29	A1A3A1L806	SOS5632-22	46384	F33	A1A4T1TB1MP2
RFCS10	08742	F28	A1A3A2L804	SP2385	04713	F34	A1A4T1Q301, A1A4T1Q302
RFCS33	08742	F45	A1A6A3Y1L608	SX2189	70309	F47	A1A6A5K601, A1A6A5K602
RG196A-U	81349	F8 F9 F13 F25 F28 F37 F48	A1W1W1 A1G1W1 THRU A1G1W3 A1A1W1 A1A2A2W1W1 A1A3W1 A1A3A2W1 A1A5A1W2 A1A6A8W1 A1A6A4A1W1	SX2192	70309	F37	A1A5A1K701, A1A5A1K702

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

CI, TM 11-5820-590-35-1

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
SX2193	70309	F18	A1A1A1K401 THRU A1A1A1K403	10194DAP	07047	F18	A1A2A3E2 THRU A1A2A3E5
TE1305	56289	F31	A1A4PS1C304			F48	A1A6A8E1 A1A6A4A1E2 A1A6A6E1
TM-R-1-8PORM5PCT	96214	F18	A1A2A3R208, A1A2A3R209	1020-4-4	26365	F52	
TT-E527 1GAL CLEAR	81349	F19	A1A2A2MP12	105-302	74970	F17	A1A2A3H3
TXB2P019-028B	98978	F37	A1A5A1MP2, A1A5A1MP7	105-302	74970	F3	E1E1J1, E1E2J1, E1E3J2
TXB2P032-037	98978	F30	A1A4PS1MP4	105-303	74970	F3	E1E1J2
TYPE FWA	07886	F3	E1E1E1, E1E1E3	10620	03550	F15	A1A1A1T401
TYPE20LIVE DRAW7	05869	F3	E1A1MP2, E1A2MP5	10621	03550	F15	A1A1A1T402
UG1619-U	81349	F37	A1A5A1J701, A1A5A1J703	10622	03550	F15	A1A1A1T403
UK10-503	71590	F15 F15	A1A1A1C409, A1A1A1C412, A1A1A1C415, A1A1A1C416, A1A1A1C418, A1A1A1C420	10623	03550	F15	A1A1A1T404
		F37	A1A5A1C715 THRU A1A5A1C718, A1A5A1C725 THRU A1A5A1C728	10624	03550	F47	A1A6A5T601
				10625	03550	F52	A1A6A6T602, A1A6A6T604
				10626	03550	F52	A1A6A6T603
				10627	03550	F43	A1A6A7T607
				10628	03550	F43	A1A6A7T608, A1A6A7T610
U229-U	81349	F2	S1W1P1	10629	03550	F45	A1A6A3Y1T611
VE10619	03550	F14	A1A1A2Z401	10630	03550	F50	A1A6A4A1T614
VE13099	03550	F37	A1A5A1Z701	10634	03550	F37	A1A5A1T717
VE13421	03550	F48	A1A6A8FL601	115M1	91929	F19	A1A2A2S202
V24-1BLK-996939	08730	F19	A1A2A2DS1 THRU A1A2A2DS7	11154	17870	F49	A1A6A4S1
V25-1BLK-996939	08730	F19	A1A2A2DS8, A1A2A2DS9	12NCFMA1-62	13259	F10	A1G1TB1A1MP2, A1G1TB1A1MP4
V25-2BLK-996939	08730	F20	A1A2A2DS10	1208B2	88245	F17	A1A2A1E2, A1A2A1E4, A1A2A1E6
X2051B	71279	F30	A1A4PS1MP6H1	1251D	08795	F9	A1G1MP6 THRU A1G1MP9
X663F-100MF10PCT	84411	F27 F29	A1A3C815 A1A3A1C816			F13	A1A1MP8, A1A1MP10 THRU A1A1MP12
1-4-4	95987	F17	A1A2MP2, A1A2MP7			F25	A1A2A2MP9, A1A2A2MP15 A1A2A2W1MP4 THRU
1-8-4	95987	F17	A1A2MP3				A1A2A2W1MP39 A1A3M9, A1A3MP13 THRU A1A3MP28
10044DAP	07047	F14 F15 F43 F45 F47 F52	A1A1A2E1 THRU A1A1A2E6 A1A1A1E2 THRU A1A1A1E8 A1A6A7E1, A1A6A7E2 A1A6A3Y1E1 A1A6A5E1 THRU A1A6A5E3 A1A6A6E1			F28	A1A3A2MP3 THRU A1A3A2MP6 A1A4MP7 THRU A1A4MP14 A1A5A1MP6 A1A6MP6
10079DAP	07047	F28	A1A3A2E1, A1A3A2E2			F37 F47 F48	A1A6A5MP1 A1A6A8MP4, A1A6A8MP13, A1A6A8MP14
10105	07047	F15	A1A1A1E1	126-195	02660	F2	W1P2
10109DAP	07047	F43 F45	A1A6A7E1, A1A6A7E2 A1A6A5E1 THRU A1A6A5E3	12892B4	88245	F27	A1A3A3E4

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
1300T4	88245	F30	A1A4PS1MP6H1	1540908-099	05869	F18	A1A2A3TB1MP1
13236	03550	F38	A1A5A2T701	1540911-001	05869	F30	A1A4MP5
13237	03550	F38	A1A5A2T702	1540911-002	05869	F11	A1A1MP6
13238	03550	F38	A1A5A2T703	1540911-009	05869	F4	A2MP2
13239	03550	F38	A1A5A2T705	1540911-010	05869		A3MP1
13240	03550	F38	A1A5A2T706	1540911-012	05869		S1MP1
13241	03550	F38	A1A5A2T707	1540912	05869	F20	A1A2A2DS7H2
13242	03550	F38	A1A5A2T709	1540913	05869	F20	A1A2A2R201
13243	03550	F38	A1A5A2T710	1540915	05869	F19	A1A2A2MP16
13244	03550	F38	A1A5A2T711	1540917-001	05869	F20 F20	A1A2A2A1H2, A1A2A2A1MP1, A1A2A2A2H2, A1A2A2A2MP1, A1A2A2A3H2, A1A2A2A3MP1, A1A2A2A9H2, A1A2A2A9MP1, A1A2A2A10H2, A1A2A2A11H2, A1A2A2A12H2, A1A2A2A13H2, A1A2A2A14MP2, A1A2A2A14MP9, A1A2A2A14MP10 A1A4PS1K301H2
13246	03550	F38	A1A5A2T713				
13247	03550	F38	A1A5A2T715				
13248	03550	F38	A1A5A2T716				
13422	03550	F38	A1A5A2T704				
13423	03550	F38	A1A5A2T708			F20	
13424	03550	F38	A1A5A2T712				
13431	03550	F38	A1A5A2T714				
13443	03550	F27	A1A3T801	1540917-002	05869		A1A2A2A1H1, A1A2A2A2H1, A1A2A2A3H1, A1A2A2A9H1, A1A2A2A10H1, A1A2A2A10MP1, A1A2A2A11H1, A1A2A2A11MP1, A1A2A2A12H1, A1A2A2A12MP1 A1A2A2A13H1 A1A2A2A13MP6
13444	03550	F27	A1A3T802				
13452	03550	F26	A1A3L807				
14-32-26	23086	F13	A1A1J401, A1A1J402				
14B52600F06	16333	F33	A1A4T1Q301H1, A1A4T1Q302H1			F22 F22	
1430	71785	F30	A1A4PS1MP6				
1490D	88245	F19	A1A2A2A4H1	1540917-003	05869	F19	A1A2A2A5H1, A1A2A2A7H1, A1A2A2A8H1
1540369	05869	F3	E1A1, E1A2				
1540901	05869	F6	A1A7	1540918	05869	F33	A1A2A2A6MP4, A1A2A2A6MP15
1540901-095	05869	F6	A1A7MP6, A1A7MP12	1540919	05869	F35	A1A5CP2 A1A6CP3
1540901-096	05869	F6	A1A7MP7, A1A7MP13	1540922	05869	F19	A1A2A2A9
1540901-097	05869	F6	A1A7MP4	1540923	05869	F20	A1A2A2A9MP2
1540901-099	05869	F6	A1A7MP1	1540924	05869	F20	A1A2A2A9MP5
1540902	05869	F8	A1W1	1540925-002	05869	F20	A1A2A2A9MP6
1540905	05869	F17	A1A2A3E1	1540926	05869	F19	A1A2A2A5
1540906	05869	F17	A1A2A1	1540927	05869	F19	A1A2A2A5MP2
1540906-097	05869	F17	A1A2A1MP6	1540928	05869	F19	A1A2A2A5MP1
1540906-098	05869	F16	A1A2A1MP7	1540936	05869	F19	A1A2A2A1
1540906-099	05869	F17	A1A2A1MP8	1540937	05869	F22	A1A2A2A1MP6
1540907	05869	F17	A1A2A3	1540940	05869	F22	A1A2A2A1MP7
1540908	05869	F18	A1A2A3TB1	1540941	05869	F52	A1A6A6TB1

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
1540941-099	05869	F 52	A1A6A6TB1MP1	1540973	05869	F11	A1A1A3
1540942	05869	F 20	A1A2A2A2, A1A2A2A3	1540974	05869	F12	A1A1A3MP1
1540943	05869	F 20	A1A2A2A2MP5, A1A2A2A3MP4	1540975	05869	F11	A1A1A2
1540946-001	05869	F 21	A1A2A2A10DS1, A1A2A2A11DS1, A1A2A2A12DS1	1540976	05869	F14	A1A1A2TB1
1540950	05869	F 20	A1A2A2A10 THRU A1A2A2A12	1540976-099	05869	F14	A1A1A2TB1MP1
1540951	05869	F 21	A1A2A2A10MP5, A1A2A2A11MP5, A1A2A2A12MP5	1540977	05869	F11	A1A1A1
1540952	05869	F 19	A1A2A2A6	1540978	05869	F15	A1A1A1TB1
1540953	05869	F 23	A1A2A2A6MP2	1540978-099	05869	F15	A1A1A1TB1MP1
1540954	05869	F 23	A1A2A2A6MP1, A1A2A2A6MP8 THRU A1A2A2A6MP13	1540979	05869	F12	A1A1A4
1540955	05869	F 23	A1A2A2A6MP7, A1A2A2A6MP19 THRU A1A2A2A6MP21	1540979-096	05869	F12	A1A1A4MP5, A1A1A4MP10 THRU A1A1A4MP12
1540956	05869	F 23	A1A2A2A6A1	1540979-097	05869		A1A1A4MP1
1540957	05869	F 24	A1A2A2A6A1MP4	1540979-098	05869	F12	A1A1A4MP3
1540958	05869	F 30	A1A4MP2	1540979-099	05869	F12	A1A1A4MP6
1540959	05869	F 30	A1A4MP3	1540980	05869	F 9	A1G1MP3
1540961	05869	F 30	A1A4PS1	1540982	05869	F 9	A1G1MP1
1540963	05869	F 39	A1A6A10, A1A6A11	1540983	05869	F 9	A1G1TB1
1540965	05869	F 30	A1A4PS1XF1	1540984	05869	F10	A1G1TB1A1
1540966	05869	F 30	A1A4PS1A1	1540984-099	05869	F10	A1G1TB1A1MP1
1540966-092	05869	F 30	A1A4PS1A1MP7	1540989	05869	F39	A1A6A12
1540966-093	05869	F 30	A1A4PS1A1MP8, A1A4PS1A1MP12, A1A4PS1A1MP13	1540990	05869	F40	A1A6A6H1, A1A6A8H1
1540966-094	05869	F 30	A1A4PS1A1MP3	1540991	05869	F40	A1A6A6
1540966-097	05869	F 30	A1A4PS1A1MP4	1540992	05869	F39	A1A6A5
1540966-098	05869	F 30	A1A4PS1A1MP5, A1A4PS1A1MP6	1540993	05869	F47	A1A6A5TB1
1540966-099	05869	F 30	A1A4PS1A1MP1	1540993-099	05869	F47	A1A6A5TB1MP1
1540967	05869	F 30	A1A4T1	1540994	05869	F39	A1A6A1
1540968-001	05869	F 33	A1A4T1T301H1	1540995	05869	F46	A1A6A1A1
1540968-002	05869	F 33	A1A4T1T301H1	1540996	05869	F46	A1A6A1A1TB1
1540969	05869	F 33	A1A4T1TB1	1540996-099	05869	F46	A1A6A1A1TB1MP1
1540969-099	05869	F 33	A1A4T1TB1MP1	1540998	05869	F46	A1A6A1XY610, A1A6A2XY620
1540970	05869	F11	A1A1MP1	1540999	05869	F53	A1A6A2TB1
1540972	05869	F11	A1A1MP2	1540999-099	05869	F53	A1A6A2TB1MP1
				1541000	05869	F40	A1A6A7
				1541001	05869	F43	A1A6A7TB1
				1541001-099	05869	F43	A1A6A7TB1MP1
				1541002	05869	F39	A1A6A3
				1541003	05869	F44	A1A6A3Y1
				1541004	05869	F45	A1A6A3Y1TB1
				1541004-099	05869	F45	A1A6A3Y1TB1MP1

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
1541006	05869	F48	A1A6A8TB1	1557636-099	05869	F51	A1A6A4A4TB1MP1
1541006-099	05869	F48	A1A6A8TB1MP1	1557637	05869	F49	A1A6A4A4
1541017	05869	F26	A1A3MP3	1557780	05869	F22	A1A2A2A14MP7
1541026	05869	F37	A1A5A1MP5	1557781	05869	F22	A1A2A2A14MP5
1541030	05869	F38	A1A5A2MP3	1557782	05869	F22	A1A2A2A13G1
1541031	05869	F36	A1A5MP3, A1A5MP7	1557783	05869	F22	A1A2A2A13MP4
1541032	05869	F35	A1A5W1	1557784	05869	F22	A1A2A2A13DS1
1541033	05869	F35	A1A5A1MP1	1557785	05869	F22	A1A2A2A14MP4
1541042	05869	F37	A1A5A1W1	1557788	05869	F20	A1A2A2A14
1541053-100	05869	F7	A1A4	1557789	05869	F20	A1A2A2A13
1541053-101	05869	F7	A1A4	1557798	05869	F20	A1A2A2A7
1541054-100	05869	F7	A1A1	1557798-099	05869	F20	A1A2A2A7MP1
1541054-101	05869	F7	A1A1	1558049	05869	F49	A1A6A4A2
1541055-101	05869	F7	A1G1	1558050	05869	F50	A1A6A4A2TB1
1541055-102	05869	F7	A1G1	1558189	05869	F49	A1A6A4A1
1541081	05869	F3	E1E1E2	1558190	05869	F50	A1A6A4A1TB1
1541082-002	05869	F3	E1A1MP1, E1A2MP4	1558190-099	05869		A1A6A4A1TB1MP1
1541083	05869	F3	E1E2MP1, E1E3MP23	1558381	05869	F26	A1A3A3
1541087	05869	F4	A2A1	1558381-099	05869	F27	A1A3A3MP1
1541087-094	05869	F4	A2A1AT1	1558382	05869	F19	A1A2A2A4
1541087-095	05869	F4	A2A1AT2	1558382-099	05869	F19	A1A2A2A4MP1
1541087-096	05869	F4	A2A1AT3	1558383	05869	F49	A1A6A4MP1
1541087-097	05869	F4	A2A1MP2	1558384	05869	F26	A1A3A2
1541087-098	05869	F4	A2A1MP4	1558385	05869	F26	A1A3A2TB1
1541087-099	05869	F4	A2A1MP5	1558385-099	05869	F28	A1A3A2TB1MP1
1549962	05869	F2	S1W1MP2	1558387	05869	F26	A1A3A1
1550161-100	05869	F7	A1A2	1558388	05869	F5	E2E1
1550161-101	05869	F7	A1A2	1558388-087	05869	F5	E2E1MP12
1550162-100	05869	F7	A1A6	1558388-088	05869	F5	E2E1MP11
1550162-101	05869	F7	A1A6	1558388-090	05869	F5	E2E1MP5
1550163-100	05869	F7	A1A5	1558388-091	05869	F5	E2E1MP10
1550163-101	05869	F7	A1A5	1558388-092	05869	F5	E2E1L1, E2E1L2
1550164-100	05869	F7	A1A3	1558388-093	05869	F5	E2E1MP7
1550164-101	05869	F7	A1A3	1558388-094	05869	F5	E2E1MP6
1554307	05869	F29	A1A3A1TB1	1558388-095	05869	F5	E2E1J1 THRU E2E1J6
1554307-099	05869	F29	A1A3A1TB1MP1	1558388-096	05869	F5	E2E1MP9
1554389	05869	F27	A1A3A4	1558388-097	05869	F5	E2E1E1
1554389-099	05869	F26	A1A3A4MP1	1558388-098	05869	F5	E2E1MP3
1555108	05869	F2	W1MP1	1558388-099	05869	F5	E2E1MP4
1557636	05869	F51	A1A6A4A4TB1				

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
1559158	05869	F 35	A1A5A2	1579217	05869	F 36	A1A5MP21
1559159	05869	F 40	A1A6A9	1592633	05869	F 9	A1G1MP3H2
1559159-094	05869	F 42	A1A6A9MP6	1592640	05869	F 49	A1A6A4MP21
1559159-095	05869	F 42	A1A6A9MP7	1592641	05869	F 39	A1A6MP7
1559159-096	05869	F 42	A1A6A9MP2, A1A6A9MP8	1594445	05869	F 24	A1A2A2A6A1MP4
1559159-097	05869	F 42	A1A6A9MP3	1594446	05869	F 23	A1A2AA6A1
1559159-098	05869	F 42	A1A6A9MP4	15945	03550	F 37	A1A5A1T717
1559159-099	05869	F 42	A1A6A9MP1	15946	03550	F 26	A1A3L807
1559160	05869	F 35	A1A5A1	15947	03550	F 15	A1A1A1T401
1559161-003	05869	F 9	A1G1MP4	15948	03550	F 15	A1A1A1T402
1559161-004	05869	F 39	A1A6MP5	15949	03550	F 15	A1A1A1T403
1559161-005	05869	F 27	A1A3MP7	15950	03550	F 15	A1A1A1T404
1559161-006	05869	F 35	A1A5MP1	15951	03550	F 47	A1A6A5T601
1559161-007	05869	F 16	A1A2MP5	15952	03550	F 52	A1A6A6T602, A1A6A6T604
1559161-011	05869	F 5	E2MP1	15953	03550	F 52	A1A6A6T603
1559162	05869	F 35	A1A5S1	15954	03550	F 43	A1A6A7T607, A1A6A7T609
1559243	05869	F 50	A1A6A4A1E1	15955	03550	F 43	A1A6A7T608, A1A6A7T610
1559345	05869	F 40	A1A6A4	15956	03550	F 45	A1A6A3Y1T611
1559348	05869	F 16	A1A2A2	15957	03550	F 50	A1A6A4A1T614
1559405	05869	F 20	A1A2A2MP19	15961	03550	F 38	A1A5A2T701
1559592	05869	F 49	A1A6A4A3	15962	03550	F 38	A1A5A2T702
1559593	05869	F 51	A1A6A4A3TB1	1596200	05869	F 16	A1A2A2
1559593-099	05869	F 51	A1A6A4A3TB1TB1	1596201	05869	F 19	A1A2A2A6
1559825	05869	F 40	A1A6A8	1596202	05869	F 17	A1A2A1
1559878	05869	F 28	A1A3A2MP2	1596203	05869	F 23	A1A2A2A6MP4, A1A2A2A6MP15
1559927	05869	F 39	A1A6A2	15963	03550	F 38	A1A5A2T703
1559943	05869	F 26	A1A3MP8	1596357	05869	F 35	A1A5A1
1560017	05869	F 3	E1E2, E1E3	1596358	05869	F 40	A1A6A9
1560018	05869	F 3	E1E2MP2, E1E2MP24	1596358-099	05869	F 42	A1A6A9MP1
1560019	05869	F 20	A1A2A2W1	1596359	05869	F 26	A1A3A3
1560186	05869	F 9	A1G1MP2	1596360	05869	F 49	A1A6A4A4
1560194	05869	F 26	A1A3C825	1596361	05869	F 33	A1A4T1TB1
1567588	05869	F 7	A1MP1	1596362	05869	F 30	A1A4T1
1568404	05869	F 30	A1A4PS1CP1	1596377	05869	F 6	A1A7
1568409	05869	F 23	A1A2A2A6MP7, A1A2A2A6MP19 THRU A1A2A2A6MP21	1596377-099	05869	F 6	A1A7MP1
1576163	05869	F 35	A1A5C701H1, A1A5C701H10	1596378	05869	F 40	A1A6A8
1576456	05869	F 21	A1A2A2A10MP7, A1A2A2A11MP7, A1A2A2A12MP7				

SECTION IV INDEX-PART-NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
1596379	05869	F 17	A1A2A3	1596579	05869	F 47	A1A6A5TB1
1596380	05869	F 49	A1A6A4A2	1596580	05869	F 50	A1A6A4A1TB1
1596381	05869	F 49	A1A6A4A3	1596583	05869	F 29	A1A3A1TB1
1596382	05869	F 35	A1A5S1	1596587	05869	F 51	A1A6A4A3TB1
1596383	05869		A1A6A4A1	1596589	05869	F 51	A1A6A4A4TB1
1596384	05869	F 35	A1A5A2	1596590	05869	F 14	A1A1A2TB1
1596385	05869	F 30	A1A4PS1	1596591	05869	F 48	A1A6A8TB1
1596386	05869	F 9	A1G1TB1	1596592	05869	F 52	A1A6A6TB1
15964	03550	F 38	A1A5A2T704	1596599	05869	F 43	A1A6A7TB1
1596408	05869	F 11	A1A1A1	15966	03550	F 38	A1A5A2T706
1596409	05869	F 12	A1A1A4	1596619	05869	F 7	A1MP1
1596410	05869	F 53	A1A6A2	1596621	05869	F 10	A1G1TB1A1
1596411	05869	F 39	A1A6A1	15967	03550	F 38	A1A5A2T707
1596412	05869	F 40	A1A6A4	1596767	05869	F 39	A1A6A3
1596413	05869	F 26	A1A3A2	1596768	05869	F 37	A1A5A1MP5
1596414	05869	F 11	A1A1A2	15968	03550	F 38	A1A5A2T708
1596415	05869	F 40	A1A6A7	15969	03550	F 38	A1A5A2T709
1596416	05869	F 39	A1A6A5	15970	03550	F 38	A1A5A2T710
1596417	05869	F 26	A1A3A1	15971	03550	F 38	A1A5A2T711
1596418	05869	F 40	A1A6A6	15972	03550	F 38	A1A5A2T712
1596419	05869	F 45	A1A6A3Y1TB1	15973	03550	F 38	A1A5A2T713
1596480-001	05869	F 9	A1G1MP4	15974	03550	F 38	A1A5A2T714
1596480-002	05869	F 16	A1A2MP5	15975	03550	F 38	A1A5A2T715
1596480-003	05869	F 39	A1A6MP5	15976	03550	F 38	A1A5A2T716
1596480-004	05869	F 35	A1A5MP1	1598019	05869	F 46	A1A6A1XY610
1596480-005	05869	F 27	A1A3MP7	1598111	05869	F 46	A1A6A1A1
1596480-006	05869	F 30	A1A4MP5	1598626	05869	F 6	A1A7MP2, A1A7MP10
1596480-007	05869	F 11	A1A1MP6	160-107	74970	F 40	A1A6C601
1596481	05869	F 11	A1A1A3	160-110	74970	F 40	A1A6C628
1596482	05869	F 44	A1A6A3Y1	1600885	05869	F 36	A1A5MP3
1596483-001	05869	F 40	A1A6CP1, A1A6CP4	1600886	05869	F 36	A1A5MP7
1596483-002	05869	F 26	A1A3CP1, A1A3CP2 A1A6CP2, A1A6CP3 A1A6CP5, A1A6CP6	164-182-1001	02660	F 2	W1P1
15965	03550	F 38	A1A5A2T705	164-183-1001	02660	F 19	A1A2A2J201, A1A2A2J202
1596569	05869	F 39	A1A6A10, A1A6A11	17291-7-17S	11139	F 30	A1A4PS1J301
1596570	05869	F 13	A1A2A3TB1	176S5000HMPORM5PCT	17826	F 29	A1A3A1R835
1596571	05869	F 36	A1A4PS1A1	180-401	82768	F 15	A1A1A1E1
1596575	05869	F 15	A1A1A1TB1	2-00219	25656	F 33	A1A4T1L301
1596577	05869	F 50	A1A6A4A2TB1	2-269C267-5	83259	F 20	A1A2A2MP11
1596578	05869	F 26	A1A3A2TB1	2N2015	02735	F 30	A1A4PS1Q303

B/00

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
2N3338	13715	F15	A1A1A1Q402, A1A1A1Q403	22A27M22-40	72962	F12	A1A1A4MP13 THRU A1A1A4MP20 A1A4PS1A1MP14 THRU A1A4PS1A1MP17 A1A6A9MP1H4
2N3339	07263	F37	A1A5A1Q701 A1A5A1Q702			F42	
2N706A	04713	F10	A1G1TB1Q511 THRU A1G1TB1Q514 A1A1A1Q404, A1A1A1Q405 A1A6A4A1Q609	22LHA27M22-62	13257	F42	A1A6A9MP1H2
		F15		22NCFMA1-26	13257	F41	A1A6A10MP1 THRU A1A6A10MP4, A1A6A11MP1 THRU A1A6A11MP4, A1A6A12MP1, A1A6A12MP2
2S1938NRHFJNB	90484	F28	A1A3A2W2				
20AWG4201THINPTFE	75037	F15	A1A1A1MP3 THRU A1A1A1MP7 A1A3MP14 A1A4PS1MP12 A1A4T1MP17 A1A5A1MP55 A1A5A2MP17 A1A6A7MP6	22NCFMA1-40	13257	F10	A1G1TB1A1MP7, A1G1TB1A1MP8
		F37		22NCFMA2-40	72962	F17	A1A2A1MP2, A1A2A1MP44
		F38				F16	
		F43		22NTM26	13257	F19	A1A2A2MP16H2
2010B2	88245	F14	A1A1A2TB1E1 THRU A1A1A2TB1E14	238792F1	76854	F19	A1A2A2S201
		F15	A1A1A1TB1E1 THRU A1A1A1TB1E19	24AWG4201THINPTFE	75037	F10	A1G1TB1MP4, A1G1TB1MP8 THRU A1G1TB1MP21 A1A3MP13 A1A4PS1MP11 A1A4T1MP16 A1A5S1MP1 THRU A1A5S1MP12 A1A5A1MP4, A1A5A1MP8 THRU A1A5A1MP54 A1A5A2MP16 A1A6A7MP5 A1A6A3MP11 A1A6A1MP21 A1A6A8MP3, A1A6A8MP12 A1A6A4MP22 A1A6A2MP11
		F18	A1A2A3TB1E1 THRU A1A2A3TB1E8				
		F28	A1A3A2TB1E1 THRU A1A3A2TB1E10				
		F29	A1A3A1TB1E1 THRU A1A3A1TB1E11				
		F45	A1A6A3Y1TB1E1, A1A6A3Y1TB1E3 THRU A1A6A3Y1TB1E8			F37	
		F46	A1A6A1A1TB1E1			F38	
		F47	A1A6A5TB1E1, A1A6A5TB1E3 THRU A1A6A5TB1E14			F43	
		F48	A1A6A8TB1E2, A1A6A8TB1E4, A1A6A8TB1E6, A1A6A8TB1E8			F44	
			A1A6A4A1TB1E1, A1A6A4A1TB1E3, A1A6A4A1TB1E5, A1A6A4A3TB1E1, A1A6A4A4TB1E1	2404-06-01	78189	F31	A1A4PS1MP6
		F52	A1A6A6TB1E1, A1A6A6TB1E3	255748AM2	76854	F46	A1A6A1S601
		F53	A1A6A2TB1E1	257348A1	76854	F45	A1A6A3S603
202-2A	16179	F13	A1A1J401, A1A1J402	258025AM1	76854	F53	A1A6A2S602
2030A2	88245	F16	A1G1TB1A1E1 THRU A1G1TB1A1E7	270201A6	76854	F36	A1A5S1S701
				287A	91984	F40	A1A6C683 THRU A1A6C687, A1A6C689 THRU A1A6C691
2100-80Z	10266	F3	E1A1MP3, E1A2MP6	2950	91293	F47	A1A6A5C612, A1A6A5C617
2104-10-00	78189	F33	A1A4T1Q301H1, A1A4T1Q302H1	3-16-4	95987		A1A2MP4, A1A2MP8, A1A2MP9
2168-12-01	78189	F39	A1A6E1 THRU A1A6E7	300800	28483	F9	A1G1Y1
22AWG4201THINPTFE	75037	F35	A1A5MP4, A1A5MP8 THRU A1A5MP20 A1A5A2MP1, A1A5A2MP2, A1A5A2MP4 THRU A1A5A2MP15 A1A6A8MP2, A1A6A8MP5 THRU A1A6A8MP11	301002	75915	F30	A1A4PS1F302
		F38		30107-5	75915	F30	A1A4PS1F301
				30131	21645	F33	A1A4T1T301
		F48		31252	00779	F5	E2E1E2

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
31329A1	99251	F9	A1G1Y1	411JJ1	75382	F36	A1A3TB802
3135 RESIN 7111	04622	F53	A1A2A2A14MP1 A1A6A2MP1	411JJ10	75382	F17	A1A2E1
321288	00779	F19	A1A2A2E5	411JJ3	75382	F9	A1G1TB501
3222	21645	F15	A1A1A1T405	411JJ4	75382	F37	A1A5A1TB701
3290P1-102	80294	F14	A1A1A2R432	411JJ7	75382	F26	A1A3TB801
3290P1-103	80294	F15	A1A1A1R415	41656	18342	F4	A3E1
3290P1-201	80294	F14	A1A1A2R434	4182-3-01-19	03624	F27	A1A3A3E2, A1A3A3E6, A1A3A3E7
3300P1-202	80294	F18	A1A2A3R206, A1A2A3R210	462	83330	F5	E2E1P1
330837	00779	F9 F25	A1G1TB501E1 A1A2A2W1E1, A1A2A2W1E3, A1A2A2W1E5, A1A2A2W1E7, A1A2A2W1E9, A1A2A2W1E11, A1A2A2W1E13, A1A2A2W1E15, A1A2A2W1E17, A1A2A2W1E19, A1A2A2W1E21, A1A2A2W1E23, A1A2A2W1E25, A1A2A2W1E27, A1A2A2W1E29, A1A2A2W1E31, A1A2A2W1E33, A1A2A2W1E35 A1A3E2, A1A3E5 THRU A1A3E11 A1A5A1TB701H4	5C023104X0500B3	56289	F15 F28 F27 F37	A1A1A1C411, A1A1A1C422, A1A1A1C444 A1A3C828 A1A3A2C802, A1A3A2C807, A1A3A2C809 THRU A1A3A2C813 A1A3A1C817, A1A3A1C824 A1A4PS1C307 A1A5A1C714 A1A6C688
330838	00779	F37 F13 F25	A1A1E1 THRU A1A1E10 A1A2A2E4 A1A2A2W1E2, A1A2A2W1E4, A1A2A2W1E6, A1A2A2W1E8, A1A2A2W1E10, A1A2A2W1E12, A1A2A2W1E14, A1A2A2W1E16, A1A2A2W1E18, A1A2A2W1E20, A1A2A2W1E22, A1A2A2W1E24, A1A2A2W1E26, A1A2A2W1E28, A1A2A2W1E30, A1A2A2W1E32, A1A2A2W1E34, A1A2A2W1E36 A1A4E1 THRU A1A4E8	50-307-3196	98291	F8 F9 F28 F48	A1W1P201 A1G1P501 A1A3P802 A1A3A2P801 A1A6A8P601
				50-310-3196	98291	F37	A1A5A1J702, A1A5A1J704, A1A5A1J705
				50-311-3196	98291	F8 F9	A1W1P202 A1G1P502
				50-9-287-103	02111	F10	A1G1TB1R515, A1G1TB1R520, A1G1TB1R525
				5001D BLACK	08795	F34	A1A4T1MP4, A1A4T1MP13 THRU A1A4T1MP15
				501000-1	00538	F31	A1A4PS1R303
				501000-2	00538	F31	A1A4PS1R306
				5090	91293	F35	A1A5C701
				51L83-1-1AA	71286	F6	A1A7MP2, A1A7MP10
				520	79963	F32	A1A4PS1Q303H1
				538-003-110D	72982	F38	A1A5A2C703 THRU A1A5A2C706, A1A5A2C710 THRU A1A5A2C713. A1A5A2C720 THRU A1A5A2C723, A1A5A2C731, A1A5A2C733, A1A5A2C734, A1A5A2C736
399907	76854	F39	A1A6A3H1				
4844	00136	F17	A1A1FL401				
4025-3-01-19	03624	F27	A1A3A3E1, A1A3A3E5, A1A3A3E9, A1A3A3E10				
411-1904JJ4	75382	F40	A1A6TB601				
411H10	75382	F17	A1A2E1	538-003E2P0-94R	72982	F38	A1A5A2C703 THRU A1A5A2C706, A1A5A2C710 THRU A1A5A2C713, A1A5A2C720 THRU A1A5A2C723
411H8	75382	F17	A1A2E2				

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
			A1A5A2C731, A1A5A2C733, A1A5A2C734, A1A5A2C736			F46	A1A6A1MP1 THRU A1A6A1MP20 A1A6A4MP2 THRU A1A6A4MP20 A1A6A2MP1 THRU A1A6A2MP10
5607-20	86928	F32	A1A4PS1Q303H1 A1A4T1Q301H1, A1A4T1Q302H1	995057-029	09795	F10	A1G1TB1MP4, A1G1TB1MP8 THRU A1G1TB1MP18
5607-21	86928	F33	A1A4T1Q301H1, A1A4T1Q302H1			F13 F15	A1A1MP5, A1A1MP9 A1A1A1MP3 THRU A1A1A1MP7 A1A2A2MP9, A1A2A2MP15 A1A4PS1MP5, A1A4PS1MP7 THRU A1A4PS1MP9 A1A4T1MP3, A1A4T1MP8 THRU A1A4T1MP12 A1A6MP4, A1A6MP8 THRU A1A6MP12 A1A6A7MP2 THRU A1A6A7MP4
5608-10	86928	F30	A1A4PS1XF1H3				
5608-15	86928	F32	A1A4PS1Q304H2, A1A4PS1Q305H2				
6AWG TY-F GR-B CL1	81349	F18	A1G1TB1MP3, A1G1TB1MP19 THRU A1G1TB1MP21				
610915	00141	F22	A1A2A2A1MP3				
7C023103X0500D	56289	F14	A1A1A2C431, A1A1A2C433, A1A1A2C435 A1A1A1C423 A1A2A3C210, A1A2A3C211, A1A2A3C213 A1A5A1C724	995057-040	09795	F34	A1A4T1MP2, A1A4T1MP5 THRU A1A4T1MP7
		F15 F18					
		F37		995546-001	22224	F43	A1A6A7T605, A1A6A7T606 A1A6A8T612
711451-002	70779	F26	A1A3C825				
7526	99142	F25	A1A2A2W1MP1 A1A4MP1	995546-002	22224	F48	A1A6A8T613
760065-001	05869	F37	A1A5A1MP3	995606-005	82577	F40	A1A6C691H4
760293-004	05869	F3	E1E1MP1, E1E1MP3, E2E1MP14 THRU E2E1MP19	996567-002	73293	F46 F47	A1A6A1Y601 A1A6A2Y641
760293-005	05869	F3 F10	E1E1MP2 A1G1TB1MP3, A1G1TB1MP19 THRU A1G1TB1MP21	996567-003	73293	F46	A1A6A1Y602
				996567-004	73293	F46	A1A6A1Y603
				996567-005	73293	F46	A1A6A1Y604
				996567-006	73293	F46	A1A6A1Y605
79NTM40	72962	F9	A1G1MP2H1	996567-007	73293	F46	A1A6A1Y606
79NTM82	13257	F20	A1A2A2A9MP3	996567-008	73293	F46	A1A6A1Y607
8415	70903	F2	W1W1	996567-009	73293	F46	A1A6A1Y608
90503	05649	F5	E2E1MP13	996567-010	73293	F46	A1A6A1Y609
93310	03550	F10	A1G1TB1L511	996567-011	73293	F46	A1A6A1Y610
9449-00-10003	80583	F35	A1A5C701	996568-002	73293	F53	A1A6A2Y611
9509BB0256-14	06540	F50	A1A6A4A1TB1MP3, A1A6A4A1TB1MP5, A1A6A4A1TB1MP7	996568-003	73293	F53	A1A6A2Y612
				996568-004	73293	F53	A1A6A2Y613
951-15542	77221	F19	A1A2A2M201	996568-005	73293	F53	A1A6A2Y614
97-66-28 BLACK	77825	F19	A1A2A2E2	996568-006	73293	F53	A1A6A2Y615
97-66-28 RED	77825	F19	A1A2A2E3	996568-007	73293	F53	A1A6A2Y616
9766-28UBLK	00629	F19	A1A2A2E2	996568-008	73293	F53	A1A6A2Y617
9766-28U RED	00629	F19	A1A2A2E3	996568-009	73293	F53	A1A6A2Y618
995057-009	09795	F27	A1A3MP6, A1A3MP10 THRU A1A3MP12 A1A6A3MP1 THRU A1A6A3MP10	996568-010	73293	F53	A1A6A2Y619
		F44		996568-011	73293	F53	A1A6A2Y620
				996569-002	73293	F45	A1A6A3Y1Y621

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION
 (Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
996569-003	73293	F45	A1A6A3Y1Y622				
996569-004	73293	F45	A1A6A3Y1Y623				
996569-005	73293	F45	A1A6A3Y1Y624				
996569-006	73293	F45	A1A6A3Y1Y625				
996569-007	73293	F45	A1A6A3Y1Y626				
996569-008	73293	F45	A1A6A3Y1Y627				
996569-009	73293	F45	A1A6A3Y1Y628				
996569-010	73293	F45	A1A6A3Y1Y629 A1A6A4A4Y642				
996569-011	73293	F45	A1A6A3Y1Y630				
996569-012	73293	F51	A1A6A4A4Y631				
996569-013	73293	F51	A1A6A4A4Y632				
996569-014	73293	F51	A1A6A4A4Y633				
996569-015	73293	F51	A1A6A4A4Y634				
996569-016	73293	F51	A1A6A4A4Y635				
996569-017	73293	F51	A1A6A4A4Y636				
996569-018	73293	F51	A1A6A4A4Y637				
996569-019	73293	F51	A1A6A4A4Y638				
996569-020	73293	F51	A1A6A4A4Y639				
996569-021	73293	F51	A1A6A4A4Y640				
996569-022	73293	F51	A1A6A4A4Y641				
996569-023	73293	F51	A1A6A4A4Y643				
996569-024	73293	F51	A1A6A4A4Y644				
996569-025	73293	F51	A1A6A4A4Y645				
996569-026	73293	F51	A1A6A4A4Y646				
996572-001	73293	F12	A1A1FL401				
996722-101	70318	F39	A1A6A3H1				
996896-004	00141	F19	A1A2A2A8				
996924-001	35869	F19	A1A2A2A2MP2, A1A2A2A3MP2, A1A2A2A10MP2, A1A2A2A11MP2, A1A2A2A12MP2, A1A2A2A13MP1, A1A2A2MP17, A1A2A2MP18				
		F20					
996924-002	19036	F22	A1A2A2A1MP2				
996926-093	05436	F3	E1E2E1, E1E3E2				
996944-001	05046	F39	A1A6A3H1				

SECTION IV INDEX-REFERENCE DESIGNATION
CROSS REFERENCE TO PAGE NUMBER

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1	B-11	A1A1A1E8	B-20	A1A1A1R417	B-21
A1A1	B-16	A1A1A1H4	B-19	A1A1A1R418	B-20
A1A1A1	B-19	A1A1A1K401	B-20	A1A1A1R419	B-21
A1A1A1CR401	B-22	A1A1A1K402	B-20	A1A1A1R420	B-21
A1A1A1CR402	B-22	A1A1A1K403	B-20	A1A1A1R421	B-21
A1A1A1CR403	B-22	A1A1A1L401	B-20	A1A1A1R422	B-21
A1A1A1CR404	B-22	A1A1A1L402	B-20	A1A1A1R423	B-20
A1A1A1CR405	B-22	A1A1A1L403	B-20	A1A1A1R424	B-20
A1A1A1C409	B-19	A1A1A1L404	B-20	A1A1A1R447	B-21
A1A1A1C410	B-19	A1A1A1L405	B-20	A1A1A1TB1	B-20
A1A1A1C411	B-19	A1A1A1L410	B-20	A1A1A1TB1E1	B-20
A1A1A1C412	B-19	A1A1A1MP2	B-20	A1A1A1TB1E2	B-20
A1A1A1C413	B-19	A1A1A1MP3	B-20	A1A1A1TB1E3	B-20
A1A1A1C414	B-19	A1A1A1MP4	B-20	A1A1A1TB1E4	B-20
A1A1A1C415	B-19	A1A1A1MP5	B-20	A1A1A1TB1E5	B-20
A1A1A1C416	B-19	A1A1A1MP6	B-20	A1A1A1TB1E6	B-20
A1A1A1C417	B-19	A1A1A1MP7	B-20	A1A1A1TB1E7	B-20
A1A1A1C418	B-19	A1A1A1Q401	B-22	A1A1A1TB1E8	B-20
A1A1A1C419	B-19	A1A1A1Q402	B-21	A1A1A1TB1E9	B-20
A1A1A1C420	B-19	A1A1A1Q403	B-21	A1A1A1TB1E10	B-20
A1A1A1C421	B-19	A1A1A1Q404	B-22	A1A1A1TB1E11	B-20
A1A1A1C422	B-19	A1A1A1Q405	B-22	A1A1A1TB1E12	B-20
A1A1A1C423	B-19	A1A1A1Q406	B-22	A1A1A1TB1E13	B-20
A1A1A1C424	B-19	A1A1A1Q407	B-22	A1A1A1TB1E14	B-20
A1A1A1C425	B-19	A1A1A1R401	B-20	A1A1A1TB1E15	B-20
A1A1A1C426	B-19	A1A1A1R402	B-20	A1A1A1TB1E16	B-20
A1A1A1C427	B-19	A1A1A1R403	B-21	A1A1A1TB1E17	B-20
A1A1A1C428	B-19	A1A1A1R404	B-21	A1A1A1TB1E18	B-20
A1A1A1C429	B-19	A1A1A1R405	B-21	A1A1A1TB1E19	B-20
A1A1A1C430	B-19	A1A1A1R406	B-20	A1A1A1TB1IMP1	B-20
A1A1A1C444	B-19	A1A1A1R407	B-21	A1A1A1T401	B-22
A1A1A1C445	B-19	A1A1A1R408	B-21	A1A1A1T402	B-22
A1A1A1C446	B-19	A1A1A1R409	B-21	A1A1A1T403	B-22
A1A1A1E1	B-20	A1A1A1R410	B-20	A1A1A1T404	B-22
A1A1A1E2	B-20	A1A1A1R411	B-20	A1A1A1T405	B-22
A1A1A1E3	B-20	A1A1A1R412	B-20	A1A1A2	B-14
A1A1A1E4	B-20	A1A1A1R413	B-20	A1A1A2CR406	B-19
A1A1A1E5	B-20	A1A1A1R414	B-21	A1A1A2CR407	B-19
A1A1A1E6	B-20	A1A1A1R415	B-21	A1A1A2CR408	B-19
A1A1A1E7	B-20	A1A1A1R416	B-20		

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1A1A2C431	B-17	A1A1A2R438	B-18	A1A1A4MP2	B-16
A1A1A2C432	B-17	A1A1A2R439	B-18	A1A1A4MP3	B-16
A1A1A2C433	B-17	A1A1A2R440	B-17	A1A1A4MP5	B-16
A1A1A2C434	B-17	A1A1A2R441	B-18	A1A1A4MP6	B-16
A1A1A2C435	B-17	A1A1A2R442	B-17	A1A1A4MP10	B-16
A1A1A2C436	B-17	A1A1A2R443	B-17	A1A1A4MP11	B-16
A1A1A2C437	B-17	A1A1A2R444	B-18	A1A1A4MP12	B-16
A1A1A2C438	B-17	A1A1A2R445	B-17	A1A1A4MP13	B-16
A1A1A2C439	B-17	A1A1A2R446	B-18	A1A1A4MP13H2	B-16
A1A1A2C440	B-17	A1A1A2TB1	B-17	A1A1A4MP14	B-16
A1A1A2C441	B-17	A1A1A2TB1E1	B-17	A1A1A4MP14H2	B-16
A1A1A2E1	B-17	A1A1A2TB1E2	B-17	A1A1A4MP15	B-16
A1A1A2E2	B-17	A1A1A2TB1E3	B-17	A1A1A4MP15H2	B-16
A1A1A2E3	B-17	A1A1A2TB1E4	B-17	A1A1A4MP16	B-16
A1A1A2E4	B-17	A1A1A2TB1E5	B-17	A1A1A4MP16H2	B-16
A1A1A2E5	B-17	A1A1A2TB1E6	B-17	A1A1A4MP17	B-16
A1A1A2E6	B-17	A1A1A2TB1E7	B-17	A1A1A4MP17H2	B-16
A1A1A2H4	B-16	A1A1A2TB1E8	B-17	A1A1A4MP18	B-16
A1A1A2L406	B-17	A1A1A2TB1E9	B-17	A1A1A4MP18H2	B-16
A1A1A2L408	B-17	A1A1A2TB1E10	B-17	A1A1A4MP19	B-16
A1A1A2MP2	B-17	A1A1A2TB1E11	B-17	A1A1A4MP19H2	B-16
A1A1A2Q408	B-19	A1A1A2TB1E12	B-17	A1A1A4MP20	B-16
A1A1A2Q409	B-19	A1A1A2TB1E13	B-17	A1A1A4MP20H2	B-16
A1A1A2Q410	B-19	A1A1A2TB1E14	B-17	A1A1E1	B-23
A1A1A2Q411	B-19	A1A1A2TBMP1	B-17	A1A1E2	B-23
A1A1A2Q412	B-19	A1A1A2Z401	B-17	A1A1E3	B-23
A1A1A2Q413	B-19	A1A1A3	B-22	A1A1E4	B-23
A1A1A2R425	B-18	A1A1A3C401	B-22	A1A1E5	B-23
A1A1A2R426	B-18	A1A1A3C402	B-22	A1A1E6	B-23
A1A1A2R427	B-17	A1A1A3C403	B-22	A1A1E7	B-23
A1A1A2R428	B-18	A1A1A3C404	B-22	A1A1E8	B-23
A1A1A2R429	B-17	A1A1A3C405	B-22	A1A1E9	B-23
A1A1A2R430	B-17	A1A1A3C406	B-22	A1A1E10	B-23
A1A1A2R431	B-18	A1A1A3C407	B-22	A1A1FL401	B-23
A1A1A2R432	B-18	A1A1A3C408	B-22	A1A1FL401E1	B-23
A1A1A2R433	B-18	A1A1A3H2	B-22	A1A1FL401H2	B-23
A1A1A2R434	B-18	A1A1A3PM1	B-22	A1A1FL401H4	B-23
A1A1A2R435	B-17	A1A1A3TB1	B-26	A1A1J401	B-22
A1A1A2R436	B-18	A1A1A4	B-16	A1A1J402	B-22
A1A1A2R437	B-18	A1A1A4MP1	B-16	A1A1MP1	B-22

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1A1MP2	B22	A1A2A1MP11	B24	A1A2A2A1H2	B28
A1A1MP2H4	B22	A1A2A1MP11H2	B24	A1A2A2A1MP1	B28
A1A1MP3	B23	A1A2A1MP12	B24	A1A2A2A1MP2	B28
A1A1MP4	B23	A1A2A1MP12H2	B24	A1A2A2A1MP2H1	B28
A1A1MP5	B23	A1A2A1MP13	B24	A1A2A2A1MP3	B28
A1A1MP6	B23	A1A2A1MP13H2	B24	A1A2A2A1MP3H1	B28
A1A1MP7	B23	A1A2A1MP14	B24	A1A2A2A1MP4	B28
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A1A2A1E1	B25	A1A2A1MP24	B24	A1A2A2A2MP3	B29
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A1A2A1H7	B24	A1A2A1MP36	B25	A1A2A2A4	B29
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A1A2A1MP8	B24	A1A2A2	B27	A1A2A2A5H1	B29
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A1A2A1MP10	B25	A1A2A2A1H1	B28	A1A2A2A5MP2	B29

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1A2A2A6	B29	A1A2A2A6MP10	B29	A1A2A2A11DS1	B33
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A1A2A2A6MP4H4	B30	A1A2A2A10MP5	B34	A1A2A2A14MP1	B28
A1A2A2A6MP7	B30	A1A2A2A10MP6	B33	A1A2A2A14MP2	B28
A1A2A2A6MP8	B29	A1A2A2A10MP7	B33	A1A2A2A14MP3	B28
A1A2A2A6MP9	B29	A1A2A2A11	B33	A1A2A2A14MP4	B28

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1A2A2A14MP5	B28	A1A2A2E5	B34	A1A2A2W1E10	B31
A1A2A2A14MP6	B28	A1A2A2H2	B27	A1A2A2W1E11	B31
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A1A2A2E4	B34	A1A2A2W1E9	B31	A1A2A2W1IMP13	B32

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1A2A2W1MP14	B32	A1A2A3H1	B25	A1A2MP3	B25
A1A2A2W1MP15	B32	A1A2A3H3	B25	A1A2MP3H1	B25
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A1A2A3E5	B26	A1A2MP2H2	B25	A1A3A1TB1E2	B39

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1A3A1TB1E3	B39	A1A3A2P801	B37	A1A3A3E8	B35
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A1A3A1TB1E7	B39	A1A3A2R801	B37	A1A3A3MP2	B35
A1A3A1TB1E8	B39	A1A3A2R802	B38	A1A3A3MP3	B35
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A1A3A2MP7	B37	A1A3A3E7	B35	A1A3E2	B34

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1A3E4	B34	A1A3MP27	B40	A1A4MP12	B46
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A1A3MP26	B40	A1A4MP11	B46	A1A4PS1CR308	B43

SECTION IV INDEX-REFERENCE DESIGNATION

CI, TM 11-5820-590-35-1

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
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A1A4T1	B44	A1A4T1TB1E6	B45	A1A5A1K701H2	B49
				A1A5A1K702	B49

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1A5A1K702H2	B49	A1A5A1MP32	B50	A1A5A1T717	B50
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A1A5A1MP31	B50	A1A5A1TB701H4	B48	A1A5A2C748	B51

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1A5A2H1	B50	A1A5A2T710H1	B52	A1A5MP21	B47
A1A5A2H6	B51	A1A5A2T711	B53	A1A5S1	B47
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A1A5A2H10	B50	A1A5A2T712	B53	A1A5S1C729	B47
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A1A5A2T710	B52	A1A5MP20	B48	A1A6A1MP2	B60

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1A6A1MP3	B60	A1A6A2MP5	B71	A1A6A3Y1C654	B58
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SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1A6A4A1C666	B6 5	A1A6A4A2C696	B6 7	A1A6A4H2	B6 4
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SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
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SECTION IV INDEX-REFERENCE DESIGNATION
 CROSS REFERENCE TO PAGE NUMBER
 (Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
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SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
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SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
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SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
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E1E2MP7	B9	E1E3MP44	B9	S1S1	B8
E1E2MP8	B9	E2	B10	S1W1	B8
E1E2MP9	B9	E2E1	B10	S1W1E1	B8
E1E2MP10	B9	E2E1E1	B10	S1W1E2	B8
E1E2MP11	B9	E2E1E2	B10	S1W1MP2	B8
E1E2MP12	B9	E2E1E3	B10	S1W1P1	B8
E1E2MP13	B9	E2E1J1	B10	S1W1W1	B8
E1E2MP14	B9	E2E1J2	B10	W1	B8
E1E2MP15	B9	E2E1J3	B10	W1C1	B8
E1E2MP16	B9	E2E1J4	B10	W1MP1	B8
E1E2MP17	B9	E2E1J5	B10	W1P1	B8
E1E2MP18	B9	E2E1J6	B10	W1P2	B8
E1E2MP19	B9	E2E1L1	B10	W1W1	B8
E1E2MP20	B9	E2E1L2	B10		
E1E2MP21	B9	E2E1MP1	B10		
E1E2MP22	B9	E2E1MP3	B10		
E1E3	B9	E2E1MP4	B10		
E1E3E2	B9	E2E1MP5	B10		
E1E3J2	B9	E2E1MP6	B10		
E1E3MP23	B9	E2E1MP7	B10		
E1E3MP24	B9	E2E1MP8	B10		
E1E3MP25	B9	E2E1MP9	B10		
E1E3MP26	B9	E2E1MP10	B10		
E1E3MP27	B9	E2E1MP11	B10		
E1E3MP28	B9	E2E1MP12	B11		
E1E3MP29	B9	E2E1MP13	B11		

APPENDIX C

DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR POWER SUPPLIES PP-4514/PRC-74 AND PP-4514A/PRC-74

Section I. INTRODUCTION

C-1. Scope

This manual lists repair parts required for the performance of direct support, general support, and depot maintenance of the PP-4514/PRC-74 and PP-4514A/PRC-74.

C-2. General

See paragraph B-2.

C-3. Explanation of Columns

See paragraph B3.

C-4. Special Information

See paragraph B4.

C-5. How to Locate Repair Parts

See paragraph B5.

C-6. Federal Supply Code for Manufacturers

See paragraph B6.

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
A001	5820-942-0821	POWER SUPPLY UNIVERSAL PP-4514/PRC-74 (05869)	EA	1									F54		
A001A		POWER SUPPLY UNIVERSAL PP-4514A/PRC-74 (80058)	EA	1	2								F54		
MD-F-- A001B		BRACKET, ANGLE 1592625 (05869)	EA	1									F54	MP1	
P--F-- A001C	5310-812-4292	NUT, PLAIN, HEXAGON NAS671C10 (80205)	EA	2		**	**	2	**	**	**	8	390	F57	MP1H2
P--F-- A001E	5305-959-4158	SCREW, MACHINE MS24693C273 (96906)	EA	2		**	2	2	**	2	2	12	30	F57	MP1H2
P--F-- A001F	5310-167-0801	WASHER, FLAT AN960C10 (81349)	EA	2		**	2	2	**	2	2	12	440	F57	MP1H2
P--F-- A001G	5310-543-5933	WASHER, LOCK MS35333-73 (96906)	EA	2		**	2	2	**	2	2	12	580	F57	MP1H2
A--O-S A002A		CHARGER, BATTERY, UNIV PWR SUP 1541125-101 (05869)	EA	1										F54	A1
A--O-S A002B		CHARGER, BATTERY, UNIV PWR SUP 1541125-102 (05869)	EA	1	2									F54	A1
P--F-- A003M	5910-999-9587	CAPACITOR, FIXED, ELECTROLYTIC 32D302G025AC6B (56289)	EA	1	1,2	**	**	2	**	**	2	8	24	F58	A1C2
P--F-- A004M	5305-174-3885	SCREW, MACHINE AN507C632-3 (81349)	EA	2		**	2	2	**	2	2	12	60	F58	A1C2H2
P--F-- A004A	5305-709-2010	SCREW, MACHINE MS24693C23 (96906)	EA	2	2	**	2	2	**	2	2	12	60	F58	A1C2H2
P--F-- A005M	5940-473-5595	STRAP, RETAINING N5 (06229)	EA	2	1,2	**	**	**	**	**	**	5	100	F58	A1C2H2
P--F-- A006M	5340-946-9440	STRAP, RETAINING C3M (06229)	EA	2	1,2	**	**	**	**	**	**	5	100	F58	A1C2H2
P--F-- A007M	5940-577-3711	TERMINAL, LUG MS25036-3 (96906)	EA	2		**	2	2	**	2	2	12	200	F58	A1C2H2
P--F-- A007A	5940-577-3711	TERMINAL, LUG SAME AS A007M	EA	2	2	REF	REF	REF	REF	REF	REF			F63	A1C2H2
P--F-- A008M	5910-999-4172	CAPACITOR, FIXED, ELECTROLYTIC 32D562G050CC6B (56289)	EA	1	1,2	**	**	2	**	**	2	8	24	F58	A1C1
P--F-- A009A		CLAMP, LOOP 1065-1002 (18915)	EA	2	1,2	**	**	2	**	**	2	8	60	F58	A1C1H2
P--F-- A010A	5310-837-1381	NUT, PLAIN, HEXAGON NAS671C8 (80205)	EA	4		**	**	2	**	**	2	8	285	F58	A1C1H4
P--F-- A010B	5310-813-3233	NUT, PLAIN, HEXAGON NAS679C08M (80205)	EA	4	2	**	**	2	**	**	2	8	435	F58	A1C1H4
P--F-- A011M	5940-577-3711	TERMINAL, LUG SAME AS A007M	EA	2	1,2	REF	REF	REF	REF	REF	REF			F58	A1C1H2
P--F-- A012A	5310-638-9857	WASHER, FLAT AN960C6L (81349)	EA	2		**	2	2	**	2	2	12	40	F58	A1C1H2
P--F-- A012B	5310-685-3744	WASHER, FLAT AN960C8 (81349)	EA	4	2	**	2	2	**	2	2	12	160	F58	A1C1H4
P--F-- A012C	5310-543-2739	WASHER, LOCK MS35333-72 (96906)	EA	4		**	2	2	**	2	2	12	320	F58	A1C1H4
A--F-S A013A		CHAS, BAT CHARGER-UNIV PWR SUP 1592130 (05869)	EA	1										F58	A1A2
A--F-S A013B		CHAS, BAT CHARGER-UNIV PWR SUP 1598059 (05869)	EA	1	2									F63	A1A2
MD-D-- A015A		CHASSIS MODULE 1592128 (05869)	EA	2										F58	A1A2A1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--F-- A020M	9330-714-4600	GROMMET, PLASTIC G51HC (03296)	EA	1	*	*	2	*	*	2	10	20	F62	A1A2A1MP5
P--F-- A026M	5310-193-5249	NUT, SELF-LOCKING, PLATE MF19351-04 (75237)	EA	4	*	*	2	*	*	2	8	120	F62	A1A2A1MP6 A1A2A1MP13 A1A2A1MP14 A1A2A1MP15
P--F-- A026A	5320-721-8973	RIVET, SOLID MS20470A3-3 (96906)	EA	8	*	2	2	*	2	2	12	240	F62	A1A2A1MP6H2 A1A2A1MP13H2 A1A2A1MP14H2 A1A2A1MP15H2
P--D-- A031M	5310-879-4992	NUT, SELF-LOCKING, PLATE NAS1068C06M (80205)	EA	4							8	210	F62	A1A2A1MP7 A1A2A1MP16 A1A2A1MP17 A1A2A1MP18
P--D-- A031A	5320-721-5277	RIVET, SOLID MS20426A2-5 (96906)	EA	8							12	420	F62	A1A2A1MP7H2 A1A2A1MP16H2 A1A2A1MP17H2 A1A2A1MP18H2
P--F-- A036A	5307-974-0535	STUD, PLAIN FHS832-8 (46384)	EA	4	*	*	*	*	*	*	5	40	F62	A1A2A1MP19 THRU A1A2A1MP22
P--F-- A037E	9330-714-4600	GROMMET, PLASTIC SAME AS A020M	EA	1	REF	REF	REF	REF	REF	REF			F66	A1A2MP3
MD-F-- A038M	5340-999-4963	HANDLE, BOW BPR330 (05046)	EA	1									F59	A1A2MP2
P--F-- A039A	5305-764-0068	SCREW, MACHINE MS51959-45 (96906)	EA	2	*	2	2	*	2	2	12	60	F59	A1A2MP2H2
MD-F-- A040M		PANEL, FRONT-BATTERY CHARGER 1541119 (05869)	EA	1									F59	A1A2A2
P--F-- A041A	5305-068-6533	SCREW, MACHINE MS35233-29 (96906)	EA	4	*	2	2	*	2	2	12	210	F59	A1A2A2H4
P--D-- A041B	5310-193-5249	NUT, SELF-LOCKING, PLATE SAME AS A026M	EA	4									F66	A1A2MP4 THRU A1A2MP7
P--D-- A041C	5320-117-6814	RIVET, SOLID MS20470AD3-3 (96906)	EA	8							12	270	F66	A1A2MP4H2 THRU A1A2MP7H2
P--D-- A041K	5310-781-9493	NUT, SELF-LOCKING, PLATE MS21075L06 (96906)	EA	4							8	210	F66	A1A2MP8 THRU A1A2MP11
P--D-- A041L	5320-117-6939	RIVET, SOLID MS20426AD3-5 (96906)	EA	8							12	660	F66	A1A2MP8H2 THRU A1A2MP11H2
P--F-- A041T		SCREW, PANEL FASTENER 54-58-306-24 (56007)	EA	2	*	2	2	*	2	2	12	40	F66	A1A2MP12 A1A2MP13
P--F-- A041V	5307-974-0535	STUD, PLAIN SAME AS A036A	EA	4	REF	REF	REF	REF	REF	REF			F66	A1A2MP14 THRU A1A2MP17
P--F-- A042M	5935-811-8592	CONNECTOR, RECP, ELECTRICAL SRRAIN13AP1 (77820)	EA	1	*	*	2	*	*	2	8	25	F60	A1J1
P--F-- A042A	5935-811-8592	CONNECTOR, RECP, ELECTRICAL SAME AS A042M	EA	1	REF	REF	REF	REF	REF	REF			F64	A1P3
P--F-- A043M	5310-208-3786	NUT, PLAIN, HEXAGON NAS671C4 (80205)	EA	4	*	*	2	*	*	2	8	360	F60	A1J1H4
P--F-- A043A	5310-820-7014	NUT, SELF-LOCKING, HEXAGON NAS679C04M (80205)	EA	4	*	*	2	*	*	2	8	375	F64	A1P3H4
P--F-- A044M	5305-068-6532	SCREW, MACHINE MS35233-15 (96906)	EA	4	*	2	2	*	2	2	12	300	F60	A1J1H4
P--F-- A044A	5305-543-2766	SCREW, MACHINE MS35233-16 (96906)	EA	4	*	2	2	*	2	2	12	40	F64	A1P3H4

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--F-- A045M	5940-557-4398	TERMINAL, LUG MS25036-48 (96906)		EA	1	*	2	2	*	2	2	12	20	F60	A1J1H1
P--F-- A045A	5940-557-4398	TERMINAL, LUG SAME AS A045M	2	EA	1	REF	REF	REF	REF	REF	REF			F64	A1P3H1
P--F-- A046A		WASHER, FLAT MS15795-303 (96906)		EA	7	*	2	2	*	2	2	12	140	F60	A1J1H7
P--F-- A046B	5310-595-6211	WASHER, FLAT MS15795-803 (96906)	2	EA	7	*	2	2	*	2	2	12	140	F64	A1P3H7
P--F-- A047A		WASHER, LOCK MS35338-135 (96906)		EA	4	*	2	2	*	2	2	12	80	F60	A1J1H4
P--F-- A047B	5340-205-6135	CLAMP, LOOP 5-16-3 (95987)	2	EA	3	*	*	2	*	*	2	8	45	F63	A1MP5 THRU A1MP7
P--F-- A047C	5310-813-3233	NUT, SELF-LOCKING, HEXAGON SAME AS A010B	2	EA	3	REF	REF	REF	REF	REF	REF			F63	A1MP5H1 THRU A1MP7H1
P--F-- A047E	5305-079-5835	SCREW, MACHINE MS24693C50 (96906)	2	EA	3	*	2	2	*	2	2	12	45	F63	A1MP5H1 THRU A1MP7H1
P--F-- A047F	5310-880-5978	WASHER, FLAT MS15795-807 (96906)	2	EA	3	*	2	2	*	2	2	12	60	F63	A1MP5H1 THRU A1MP7H1
P--F-- A047P	5340-606-1906	CLAMP, LOOP 3-8-3 (95987)	2	EA	1	*	2	2	*	2	2	12	105	F63	A1MP8
P--F-- A047Q	5310-813-3233	NUT, SELF-LOCKING, HEXAGON SAME AS A010B	2	EA	1	REF	REF	REF	REF	REF	REF			F63	A1MP8H1
P--F-- A047R	5305-079-5835	SCREW, MACHINE SAME AS A047E	2	EA	1	REF	REF	REF	REF	REF	REF			F63	A1MP8H1
P--F-- A047S	5310-880-5978	WASHER, FLAT SAME AS A047F	2	EA	1	REF	REF	REF	REF	REF	REF			F63	A1MP8H1
P--F-- A047T	5340-550-5083	CLAMP, LOOP 3-32-4 (95987)	2	EA	1	*	*	2	*	*	*	8	15	F63	A1MP9
P--F-- A047U	5340-200-3036	CLAMP, LOOP 1-8-4 (95987)	2	EA	1	*	*	2	*	*	2	8	30	F65	A1MP10
P--F-- A047V	5310-813-3233	NUT, SELF-LOCKING, HEXAGON SAME AS A010B	2	EA	1	REF	REF	REF	REF	REF	REF			F65	A1MP10H1
P--F-- A047W	5305-579-3508	SCREW, MACHINE MS35216-43 (96906)	2	EA	1	*	2	2	*	2	2	12	30	F65	A1MP10H1
P--F-- A047X	5310-880-5978	WASHER, FLAT SAME AS A047F	2	EA	2	REF	REF	REF	REF	REF	REF			F65	A1MP10H2
P--O-- A048M	5920-548-3126	FUSE, CARTRIDGE F02A250V6A (81349)	1,2	EA	2	2	3	6	2	2	2	71	200	F60	A1F1, A1F2
P--F-- A050M	5920-556-0144	FUSEHOLDER FHN20G (81349)	1,2	EA	2	*	*	2	*	*	2	8	40	F60	A1XF1 A1XF2
P--O-- A052M	5355-579-6390	DIAL, CONTROL MS91528-2F2B (96906)	1,2	EA	1	*	*	*	*	*	*	5	8	F60	A1DS2
P--O-- A052A		SETScrew NAS1081C08D4 (80205)	2	EA	2	*	2	2	*	2	2	12	30	F63	A1DS2H2
MD--F-- A052B		HANDLE, BOW 1020 (08145)	2	EA	1									F63	A1MP4
P--F-- A052C	5310-167-0803	WASHER, FLAT AN960C516 (81349)	2	EA	2	*	2	2	*	2	2	12	80	F63	A1MP4H2
P--F-- A052E	5310-407-9566	WASHER, LOCK MS35338-45 (96906)	2	EA	2	*	2	2	*	2	2	12	80	F63	A1MP4H2
P--F-- A052F	5961-067-5691	HEAT SINK, ELECTRONIC COMPONENT TXSP033-047 (98978)	1,2	EA	1	*	2	2	*	2	2	13	20	F61	A1MP3
P--O-- A053M	6240-155-7836	LAMP, INCANDESCENT MS25237-327 (96906)	1,2	EA	1	2	3	6	2	2	2	71	200	F60	A1DS1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALWR PER EQUIP CNTGCTY	(9) DEPOT MAINT ALWR PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--F-- A054M	6210-682-9833	LIGHT, INDICATOR MS25256-6 (96906)	EA	1	"	2	2	"	2	2	12	40	F60	A1XDS1	
MD-F-- A055A		NAMEPLATE, MODULE-UNIV PWR SUP 1541129-003 (05869)	EA	1										F60	A1MP2
MD-F-- A055B		NAMEPLATE, MODULE-UNIV PWR SUP 1598564-001 (05869)	EA	1										F64	A1MP2
MD-F-- A055C		PANEL, FRONT, BATTERY CHARGER 1598060 (05869)	EA	1										F63	A1A3
P--F-- A055E	5305-068-6533	SCREW, MACHINE SAME AS A041A	EA	4	REF	REF	REF	REF	REF	REF				F63	A1A3H4
P--F-- A055F	5310-054-0041	WASHER, FLAT NAS620C6L (80205)	EA	4	"	2	2	"	2	2	12	320	F63	A1A3H4	
P--F-- A055G	5325-290-3972	STUD, TURNLOCK FASTENER 2600-7 (71286)	EA	4	"	"	"	"	"	"	5	40	F63	A1A3MP1 THRU A1A3MP4	
P--F-- A055H	5325-842-8276	RING, RETAINING 553-1 (71286)	EA	4	"	"	"	"	"	"	5	80	F63	A1A3MP1H1 THRU A1A3MP4H1	
P--F-- A056M	5920-133-5400	PROTECTOR, OVERVOLTAGE OVL P23-10 (94412)	EA	1	"	"	2	"	"	2	10			F61	A1Z1
P--F-- A057A	5310-837-1381	NUT, PLAIN, HEXAGON SAME AS A010A	EA	1	REF	REF	REF	REF	REF	REF				F61	A1Z1H1
P--F-- A057B	5310-813-3233	NUT, SELF-LOCKING, HEXAGON SAME AS A010B	EA	1	REF	REF	REF	REF	REF	REF					A1Z1H1
P--F-- A057C	5310-880-5978	WASHER, FLAT SAME AS A047F	EA	1	REF	REF	REF	REF	REF	REF					A1Z1H1
P--F-- A058A	5310-543-2739	WASHER, LOCK SAME AS A012C	EA	1	REF	REF	REF	REF	REF	REF				F61	A1Z1H1
P--F-- A059M	5950-944-9885	REACTOR TE12274 (78790)	EA	1	"	"	"	"	"	"	5	8	F61	A1L1	
P--F-- A060M	5310-812-4292	NUT, PLAIN, HEXAGON SAME AS A001C	EA	4	REF	REF	REF	REF	REF	REF				F61	A1L1H4
P--F-- A060A	5310-816-1879	NUT, SELF-LOCKING, HEXAGON NAS679C3M (80205)	EA	4	"	"	2	"	"	2	8	300	F61	A1L1H4	
P--F-- A061A	5305-043-6750	SCREW, MACHINE MS35226-63 (96906)	EA	4	"	2	2	"	2	2	12	120	F61	A1L1H4	
P--F-- A061B	5310-167-0812	WASHER, FLAT AN960C10L (81349)	EA	8	"	2	2	"	2	2	12	320	F61	A1L1H8	
P--F-- A061C	5310-167-0812	WASHER, FLAT SAME AS A061B	EA	4	REF	REF	REF	REF	REF	REF				F61	A1L1H4
P--F-- A062M	5310-543-5933	WASHER, LOCK SAME AS A001G	EA	4	REF	REF	REF	REF	REF	REF				F61	A1L1H4
A--F--S A064A		REG, BAT CHGR, UNIV PWR SUPPLY 1592132 (05869)	EA	1	"	"	"	"	"	"	5	4	F69	A1A1	
A--F--S A064B		REG, BAT CHGR, UNIV PWR SUPPLY 1598061 (05869)	EA	1	"	"	"	"	"	"	5	4	F63	A1A1	
P--F-- A065M	5305-068-6532	SCREW, MACHINE SAME AS A044M	EA	4	REF	REF	REF	REF	REF	REF				F63	A1A1H4
P--F-- A066A	5310-584-3782	WASHER, FLAT AN960C4L (81349)	EA	4	"	2	2	"	2	2	12	440	F63	A1A1H4	
P--F-- A066B	5310-595-6211	WASHER, FLAT SAME AS A046B	EA	4	REF	REF	REF	REF	REF	REF				F63	A1A1H4
M--D-- A067M		BOARD, CIRCUIT, REGULATOR 1541114 (05869)	EA	1										F76	A1A1TB1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY QS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--F-- A068A	5910-936-1521	CAPACITOR, FIXED, ELECTROLYTIC CSR13C475KL (81349)	EA	1	"	"	2	"	"	2	8	24	F76	A1A1C4
P--F-- A068B	5910-901-9465	CAPACITOR, FIXED, ELECTROLYTIC CS13BG106K (81349)	EA	1	"	"	2	"	"	"	8	12	F76	A1A1C5
P--F-- A069A		CAPACITOR, FIXED, FILM DIELECTRIC X663F-100MF10PCT (84411)	EA	1	"	"	2	"	"	2	8	24	F76	A1A1C3
P--F-- A069B		INSULATION SLEEVING, ELECTRICAL 995057-029 (09795)	EA	1									F76	A1A1MP1
P--F-- A070M	5970-945-0996	INSULATOR, TRANSISTOR 10079DAP (07047)	EA	3	"	2	2	"	2	2	12	48	F76	A1A1E1 THRU A1A1E3
P--F-- A073A	5905-078-7774	RESISTOR, FIXED, FILM RN70D1151F (81349)	EA	1	"	"	2	"	"	2	8	20	F76	A1A1R6
P--F-- A074A	5905-106-9344	RESISTOR, FIXED, COMPOSITION RC20GF101J (81349)	EA	2	"	"	2	"	"	2	8	60	F76	A1A1R2, A1A1R4
P--F-- A074B	5905-106-9344	RESISTOR, FIXED, COMPOSITION RCR20G101JS (81349)	EA	2	"	"	2	"	"	2	8	50	F76	A1A1R2, A1A1R4
P--F-- A076M	5905-110-0196	RESISTOR, FIXED, COMPOSITION RC20GF102J (81349)	EA	1	"	"	2	"	"	2	8	20	F76	A1A1R8
P--F-- A076A	5905-110-0196	RESISTOR, FIXED, COMPOSITION RCR20G102JS (81349)	EA	1	"	"	2	"	"	2	8	20	F76	A1A1R8
P--F-- A077A	5905-104-8348	RESISTOR, FIXED, COMPOSITION RC20GF332J (81349)	EA	1	"	"	2	"	"	"	8	10	F76	A1A1R12
P--F-- A077B	5905-104-8348	RESISTOR, FIXED, COMPOSITION RCR20G332JS (81349)	EA	1	"	"	2	"	"	"	8	10	F76	A1A1R12
P--F-- A078M	5905-299-2053	RESISTOR, FIXED, COMPOSITION RC32GF221J (81349)	EA	1	"	"	2	"	"	2	8	20	F76	A1A1R1
P--F-- A078A	5905-106-1247	RESISTOR, FIXED, COMPOSITION RCR32G221JS (81349)	EA	1	"	"	2	"	"	2	8	20	F76	A1A1R1
P--F-- A078B	5905-279-1745	RESISTOR, FIXED, COMPOSITION RC32GF150J (81349)	EA	1	"	"	2	"	"	"	8	10	F76	A1A1R14
P--F-- A078C	5905-400-4601	RESISTOR, FIXED, COMPOSITION RCR32G150JS (81349)	EA	1	"	"	2	"	"	"	8	10	F76	A1A1R14
P--F-- A079M	5905-892-0360	RESISTOR, FIXED, COMPOSITION RC32GF222J (81349)	EA	1	"	"	2	"	"	2	8	20	F76	A1A1R5
P--F-- A079A	5905-111-8372	RESISTOR, FIXED, COMPOSITION RCR32G222JS (81349)	EA	1	"	"	2	"	"	2	8	20	F76	A1A1R5
P--F-- A080A	5905-088-3102	RESISTOR, FIXED, FILM RN70D6810F (81349)	EA	1	"	"	2	"	"	"	8	10	F76	A1A1R9
P--F-- A081M	5905-975-1135	RESISTOR, FIXED, WIRE WOUND RW69V821 (81349)	EA	1	"	"	2	"	"	2	8	40	F76	A1A1R7
P--F-- A082M	5905-879-3635	RESISTOR, FIXED, WIRE WOUND RW67G102 (81349)	EA	1	"	"	2	"	"	2	8	40	F76	A1A1R3
P--F-- A083M	5961-995-2986	SEMICONDUCTOR DEVICE, DIODE 1N995 (03877)	EA	1	"	"	"	"	"	"	5	10	F76	A1A1CR7
P--F-- A084M	5961-752-6121	SEMICONDUCTOR DEVICE, DIODE JAN1N753A (81349)	EA	1	"	"	"	"	"	"	5	20	F76	A1A1CR6
P--F-- A085M	5961-978-7660	SEMICONDUCTOR DEVICE, DIODE JAN1N540 (81349)	EA	2	"	"	"	"	"	"	5	30	F76	A1A1CR4 A1A1CR5
P--F-- A086A	5961-842-9864	SEMICONDUCTOR DEVICE, DIODE JAN1N914 (81349)	EA	1	"	"	"	"	"	"	5	20	F76	A1A1CR1
P--F-- A087M	5961-855-1551	TRANSISTOR JAN2N1132 (81349)	EA	2	"	"	2	"	"	2	8	40	F76	A1A1Q3, A1A1Q4
P--F-- A089M	5961-995-8625	TRANSISTOR JAN2N697 (81349)	EA	1	"	"	2	"	"	2	8	20	F76	A1A1Q2

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--F-- A090M	5905-851-5172	RESISTOR, FIXED, WIRE WOUND RE70GR200 (81349)	EA	1	"	"	2	"	"	"	8	20	F59	A1R10
P--F-- A091M	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A043M	EA	2	REF	REF	REF	REF	REF	REF			F59	A1R10H2
P--F-- A091A	5310-820-7014	NUT, SELF-LOCKING, HEXAGON SAME AS A043A	EA	2	REF	REF	REF	REF	REF	REF			F63	A1R10H2
P--F-- A092M	5305-543-5814	SCREW, MACHINE AN507C440-6 (81349)	EA	2	"	2	2	"	2	2	12	60	F59	A1R10H2
P--F-- A092A	5305-056-9961	SCREW, MACHINE MS24693C4 (96906)	EA	2	"	2	2	"	2	2	12	30	F63	A1R10H2
P--F-- A093A		WASHER, FLAT SAME AS A046A	EA	2	REF	REF	REF	REF	REF	REF			F59	A1R10H2
P--F-- A093B	5310-595-6211	WASHER, FLAT SAME AS A046B	EA	2	REF	REF	REF	REF	REF	REF			F63	A1R10H2
P--F-- A094A		WASHER, LOCK SAME AS A047A	EA	2	REF	REF	REF	REF	REF	REF			F59	A1R10H2
P--F-- A095M	5905-878-7275	RESISTOR, FIXED, WIRE WOUND RE65G1000 (81349)	EA	1	"	"	2	"	"	"	8	20	F59	A1R13
P--F-- A096M	5310-812-4294	NUT, PLAIN, HEXAGON NAS671C2 (80205)	EA	2	"	"	2	"	"	"	8	60	F59	A1R13H2
P--F-- A097M	5305-543-2759	SCREW, MACHINE MS35233-4 (96906)	EA	2	"	2	2	"	2	2	12	60	F59	A1R13H2
P--F-- A097A	5310-043-4709	WASHER, FLAT NAS620C2 (80205)	EA	2	"	2	2	"	2	2	12	80	F59	A1R13H2
P--F-- A098M	5310-543-4652	WASHER, LOCK MS35333-69 (96906)	EA	2	"	2	2	"	2	2	12	80	F59	A1R13H2
P--F-- A098A	5905-061-0739	RESISTOR, FIXED, WIRE WOUND RW67V101 (81349)	EA	1	"	"	2	"	"	"	8	40	F61	A1R16
P--F-- A099A	5905-901-7369	RESISTOR, FIXED, WIRE WOUND RW79U1001F (81349)	EA	1	"	"	2	"	"	"	8	40	F59	A1R15
P--F-- A100A	5970-846-7471	TERMINAL, LUG A167 (86928)	EA	2	"	2	2	"	2	2	12	80	F59	A1R15H2
P--F-- A101M	5905-062-2939	RESISTOR, VARIABLE RP201FD20R0KK (81349)	EA	1	"	"	2	"	"	"	8	12	F60	A1R11
P--F-- A101A		RESISTOR, VARIABLE 719500-001 (44655)	EA	1	"	"	2	"	"	"	8	12	F64	A1R11
P--F-- A101B	5310-183-4355	WASHER, FLAT AN960C616L (81349)	EA	1	"	2	2	"	2	2	12	40	F64	A1R11H1
P--F-- A110A	5961-935-4912	SEMI CONDUCTOR DEVICE, DIODE JANIN3890 (81349)	EA	1	"	"	"	"	"	"	5	20	F59	A1CR2
P--F-- A111M	5970-497-9942	INSULATOR, BUSHING A362-30 (86928)	EA	1	"	"	2	"	"	2	8	60	F61	A1CR2H1
P--F-- A112M	5970-497-9943	INSULATOR, WASHER A361-3 (86928)	EA	1	"	"	2	"	"	2	8	32	F61	A1CR2H1
P--F-- A113M	5310-812-4292	NUT, PLAIN, HEXAGON SAME AS A001C	EA	1	REF	REF	REF	REF	REF	REF			F61	A1CR2H1
P--F-- A113A	5310-816-1879	NUT, SELF-LOCKING, HEXAGON SAME AS A060A	EA	1	REF	REF	REF	REF	REF	REF			F65	A1CR2H1
P--F-- A114M	5940-681-8184	TERMINAL, LUG 520 (79963)	EA	1	"	2	2	"	2	2	12	160	F61	A1CR2H1
P--F-- A115M	5310-543-5933	WASHER, LOCK SAME AS A001G	EA	1	REF	REF	REF	REF	REF	REF			F61	A1CR2H1
P--F-- A116A	5310-167-0812	WASHER, FLAT SAME AS A061B	EA	1	REF	REF	REF	REF	REF	REF			F61	A1CR2H1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--F-- A117M		WASHER, NONMETALIC A368-23 (86928)	1,2	EA	1	**	2	2	**	2	2	12	160	F61	A1CR2H1
P--F-- A118A	5961-811-5799	SEMICONDUCTOR DEVICE, DIODE JAN1N1202 (81349)	1,2	EA	1	**	**	**	**	**	**	5	60	F61	A1CR3
P--F-- A119M	5970-497-9942	INSULATOR, BUSHING SAME AS A111M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F61	A1CR3H1
P--F-- A120M	5970-497-9943	INSULATOR, WASHER SAME AS A112M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F61	A1CR3H1
P--F-- A121M	5310-812-4292	NUT, PLAIN, HEXAGON SAME AS A001C		EA	1	REF	REF	REF	REF	REF	REF			F61	A1CR3H1
P--F-- A121A	5310-816-1879	NUT, SELF-LOCKING, HEXAGON SAME AS A060A	2	EA	1	REF	REF	REF	REF	REF	REF			F65	A1CR3H1
P--F-- A122M	5940-849-8394	TERMINAL, LUG SAME AS A114M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F61	A1CR3H1
P--F-- A123M	5310-543-3933	WASHER, LOCK SAME AS A001G		EA	1	REF	REF	REF	REF	REF	REF			F61	A1CR3H1
P--F-- A124A	5310-167-0812	WASHER, FLAT SAME AS A061B	1,2	EA	1	REF	REF	REF	REF	REF	REF			F61	A1CR3H1
P--F-- A125M		WASHER, NONMETALIC SAME AS A117M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F61	A1CR3H1
P--F-- A126M	5930-655-1575	SWITCH, TOGGLE MS35059-22 (96906)	1,2	EA	1	**	2	2	**	**	2	12	25	F60	A1S1
P--F-- A127A	5940-283-5280	TERMINAL, LUG MS25036-6 (96906)	1,2	EA	4	**	2	2	**	2	2	12	240	F60	A1S1H4
P--F-- A127B	5340-926-5471	WASHER, FLAT A199-3 (86928)	1,2	EA	1	**	2	2	**	2	2	12	40	F60	A1S1H1
P--F-- A128M	5940-939-5857	TERMINAL, STUD 722248-052 (05869)	1,2	EA	7	**	**	**	**	**	**	4	42	F61	A1E1 THRU A1E7
P--F-- A133M	5305-638-0653	SCREW, MACHINE MS35233-14 (96906)	1,2	EA	7	**	2	2	**	2	2	12	105	F61	A1E1H7
P--F-- A134A	5310-584-3782	WASHER, FLAT SAME AS A066A	1,2	EA	7	REF	REF	REF	REF	REF	REF			F61	A1E1H7
P--F-- A135M	5310-550-3715	WASHER, LOCK MS35333-70	1,2	EA	7	**	2	2	**	2	2	12	540	F61	A1E1H7
P--F-- A136A	5961-442-9494	TRANSISTOR 38416 (86684)	1,2	EA	1	**	**	2	**	**	2	8	20	F61	A1Q5
P--F-- A136B	5970-891-1484	INSULATOR, BUSHING PR410-52 (05046)	1,2	EA	2	**	**	2	**	**	2	8	60	F61	A1Q5H2
P--F-- A136C	5970-912-2183	INSULATOR, WASHER 732-734A (08530)	1,2	EA	1	**	**	2	**	**	2	8	8	F61	A1Q5H1
P--F-- A136E	5310-934-9761	NUT, PLAIN, HEXAGON MS35649-264 (96906)		EA	2	**	**	2	**	**	2	8	60	F61	A1Q5H2
P--F-- A136F	5310-801-4420	NUT, SELF-LOCKING, HEXAGON NAS679C06M (80205)	2	EA	2	**	**	2	**	**	2	8	60	F61	A1Q5H2
P--F-- A136G	5305-054-6655	SCREW, MACHINE MS51957-31 (96906)		EA	2	**	2	2	**	2	2	12	60	F61	A1Q5H2
P--F-- A136H	5305-054-6654	SCREW, MACHINE MS51957-30 (96906)	2	EA	2	**	2	2	**	2	2	12	60	F65	A1Q5H2
P--F-- A136I	5940-827-2653	TERMINAL, LUG MS77068-2 (96906)	1,2	EA	1	**	2	2	**	2	2	12	40	F61	A1Q5H1
P--F-- A136J	5310-054-0041	WASHER, FLAT SAME AS A055F	1,2	EA	4	REF	REF	REF	REF	REF	REF			F61	A1Q5H4
P--F-- A136K	5310-616-3555	WASHER, LOCK MS35333-71 (96906)		EA	2	**	2	2	**	2	2	12	120	F61	A1Q5H2

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--F-- A137M	5961-995-8625	TRANSISTOR JAN2N1482 (81349)	1,2	EA	1	*	*	2	*	*	2	8	20	F61	A1Q1
P--O-- A145	5995-945-1936	CABLE ASSY, SPL, ELECTRICAL 1541131-001 (05869)		EA	1	*	2	2	*	*	2	12	20	F58	W1
P--O-- A145A	5995-945-0999	CABLE ASSY, SPL, ELECTRICAL 1598067-001 (05869)	2	EA	1	*	2	2	*	*	2	12	20	F58	W1
P--F-- A145B	5340-141-6944	BUSHING, CABLE, ADPT, TELESCOPING AN3420-8 (81349)	2	EA	1	*	*	2	*	*	2	8	30	F58	W1MP6
P--F-- A145C	5340-660-2125	BUSHING, CABLE, ADPT, TELESCOPING AN3420-10 (81349)	2	EA	1	*	*	2	*	*	2	8	30	F58	W1MP7
P--F-- A146M	5340-820-4535	BUSHING, CABLE, ADPT, TELESCOPING AN3420-6 (81349)	1,2	EA	1	*	*	2	*	*	2	8	30	F58	W1MP1
P--F-- A147A		CABLE, POWER, ELECTRICAL CO-02MGF2-16 0335 (81349)	2	EA	1	*	2	2	*	2	2	152	400	F58	W1W1
P--F-- A148M	5935-259-1084	CONNECTOR, PLUG, ELECTRICAL 7092D11539N0 (74545)	1,2	EA	1	*	*	2	*	*	*	8	25	F58	W1P2
P--F-- A149M	5935-879-7402	CONNECTOR, PLUG, ELECTRICAL MS3108R22-55 (96906)	1,2	EA	1	*	*	2	*	*	*	8	75	F58	W1P1
MD--D-- A150M		NAMEPLATE, CABLE ASSY-PWR, ELEC 1557527-001 (05869)	2	EA	1									F58	W1MP2
P--F-- A151M		TUBING EXPANDED 500ID BLACK (08795)	1,2	EA	3	*	*	2	*	*	2	8	60	F58	W1MP3 THRU W1MP5
P--O-- A154	5995-945-1922	CABLE ASSY, SPL, ELECTRICAL 1541131-002 (05869)		EA	1	*	2	2	*	*	2	12	20	F58	W2
P--O-- A154A	5995-945-1007	CABLE ASSY, SPL, ELECTRICAL 1598067-002 (05869)	2	EA	1	*	2	2	*	*	2	12	20	F58	W2
P--F-- A154B	5340-141-6944	BUSHING, CABLE, ADPT, TELESCOPING SAME AS A145B	2	EA	1	REF	REF	REF	REF	REF	REF			F58	W2MP9
P--F-- A154C	5340-663-2125	BUSHING, CABLE, ADPT, TELESCOPING SAME AS A145C	2	EA	1	REF	REF	REF	REF	REF	REF			F58	W2MP10
P--F-- A155M	5340-820-4535	BUSHING, CABLE, ADPT, TELESCOPING SAME AS A146M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F58	W2MP4
P--F-- A156A		CABLE, POWER, ELECTRICAL CO-03MGF3-18 0340 (81349)	2	EA	1	*	2	2	*	2	2	190	500	F58	W2W1
P--F-- A157M	5935-843-7362	CONNECTOR, PLUG, ELECTRICAL MS24663 (96906)	1,2	EA	1	*	*	2	*	*	*	8	25	F58	W2P2
P--F-- A158M	5935-879-7402	CONNECTOR, PLUG, ELECTRICAL SAME AS A149M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F58	W2P1
MD--D-- A159M		NAMEPLATE, CABLE ASSY-PWR ELEC 1557527-002 (05869)	1,2	EA	1									F58	W2MP5
P--F-- A160M		TUBING, EXPANDED SAME AS A151M	1,2	EA	3	REF	REF	REF	REF	REF	REF			F58	W2MP6 THRU W2MP8
P--O-- A163	5995-945-1900	CABLE ASSY, SPL, ELECTRICAL 1541131-003 (05869)		EA	1	*	2	2	*	*	2	12	20	F58	W3
P--O-- A163A	5995-945-1005	CABLE ASSY, SPL, ELECTRICAL 1598067-003 (05869)	2	EA	1	*	2	2	*	*	2	12	20	F58	W3
P--F-- A163B	5340-141-6944	BUSHING, CABLE, ADPT, TELESCOPING SAME AS A145B	2	EA	1	REF	REF	REF	REF	REF	REF			F58	W3MP12
P--F-- A163C	5340-663-2125	BUSHING, CABLE, ADPT, TELESCOPING SAME AS A145C	2	EA	1	REF	REF	REF	REF	REF	REF			F58	W3MP13
P--F-- A164M	5340-820-4535	BUSHING, CABLE, ADPT, TELESCOPING SAME AS A146M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F58	W3MP7
P--F-- A165A		CABLE, POWER, ELECTRICAL SAME AS A156A	2	EA	1	REF	REF	REF	REF	REF	REF			F58	W3W1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--F-- A166M	5935-642-4237	CONNECTOR, PLUG, ELECTRICAL 7055G (74545)	EA	1	"	"	2	"	"	2	8	50	F58	W3P2
P--F-- A167M	5935-879-7402	CONNECTOR, PLUG, ELECTRICAL SAME AS A149M	EA	1	REF	REF	REF	REF	REF	REF			F58	W3P1
MD-F-- A168M		NAMEPLATE, CABLE ASSY-PWR ELEC 1557527-003 (05869)	EA	1									F58	W3MP8
P--F-- A169M		TUBING, EXPANDED SAME AS A151M	EA	3	REF	REF	REF	REF	REF	REF			F58	W3MP9 THRU W3MP11
P--O-- A172	5995-945-1882	CABLE ASSY, SPL, ELECTRICAL 1541131-004 (05869)	EA	1	"	2	2	"	"	2	12	20	F58	W4
P--O-- A172A		CABLE ASSY, SPL, ELECTRICAL 1598067-004 (05869)	EA	1	"	2	2	"	"	2	12	20	F58	W4
P--F-- A172B		CABLE, POWER, ELECTRICAL SAME AS A147A	EA	1	REF	REF	REF	REF	REF	REF			F58	W4W1
P--F-- A173M	5940-204-8350	CLIP, ELECTRICAL 24A (76545)	EA	2	"	"	2	"	"	2	8	20	F58	W4E1, W4E2
P--F-- A175M	5935-258-0598	CONNECTOR, PLUG, ELECTRICAL 7091 (74545)	EA	1	"	"	2	"	"	"	8	25	F58	W4P1
P--F-- A176M	5975-988-0649	INSULATOR 26-BLACK (76545)	EA	1	"	"	2	"	"	"	8	15	F58	W4E3
P--F-- A177M	5935-073-3980	INSULATOR 26-RED (76545)	EA	1	"	"	2	"	"	"	8	15	F58	W4E4
MD-F-- A178M		NAMEPLATE, CABLE ASSY-PWR ELEC 1557527-004 (05869)	EA	1									F58	W4MP10
P--F-- A179M		TUBING, EXPANDED SAME AS A151M	EA	4	REF	REF	REF	REF	REF	REF			F58	W4MP11 THRU W4MP14
P--F-- A182A	9930-138-2361	TUBING, EXPANDED 760293-005 (05869)	EA	1	"	"	2	"	"	2	16	30	F58	W4MP15
P--O-- A183	5995-945-1881	CABLE ASSY, SPL, ELECTRICAL 1541131-005 (05869)	EA	1	"	2	2	"	"	2	12	20	F58	W5
P--O-- A183A	5995-445-1067	CABLE ASSY, SPL, ELECTRICAL 1598067-005 (05869)	EA	1	"	2	2	"	"	2	12	20	F58	W5
P--F-- A183B		CABLE, POWER, ELECTRICAL CO-02MGF2-18 03100 (81349)	EA	1	"	2	2	"	2	2	76	200	F58	W5W1
P--F-- A184	5940-220-9775	CLIP, ELECTRICAL 45-C (76545)	EA	2	"	"	2	"	"	2	8	20	F58	W5E1, W5E2
P--F-- A184A		CLIP, ELECTRICAL PC1 (81349)	EA	2	"	"	2	"	"	2	8	20	F58	W5E1, W5E2
P--F-- A186M	5935-856-7980	CONNECTOR, PLUG, ELECTRICAL MS3108R12S3P (96906)	EA	1	"	"	2	"	"	"	8	25	F58	W5P1
P--F-- A187M	5975-226-1676	INSULATOR 47-BLACK (76545)	EA	1	"	"	2	"	"	"	8	15	F58	W5E3
P--F-- A188M	5975-105-3095	INSULATOR 47-RED (76545)	EA	1	"	"	2	"	"	"	8	15	F58	W5E4
MD-D-- A189M		NAMEPLATE, CABLE ASSY-PWR ELEC 1557527-005 (05869)	EA	1									F58	W5MP1
P--F-- A190M		TUBING, EXPANDED SAME AS A151M	EA	4	REF	REF	REF	REF	REF	REF			F58	W5MP2 THRU W5MP5
P--F-- A193A		TUBING, EXPANDED SAME AS A182A	EA	1	REF	REF	REF	REF	REF	REF			F58	W5MP6
P--F-- A194M	5910-577-1348	CAPACITOR, FIXED, PAPER DIEL CA37KFW103 (81349)	EA	8	"	"	2	"	"	2	8	120	F54	C1 THRU C8
P--F-- A195A	5310-837-1381	NUT, PLAIN, HEXAGON SAME AS A010A	EA	8	REF	REF	REF	REF	REF	REF			F54	C1H1 THRU C8H1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY OS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
-F-- .95B	5310-813-3233	NUT, SELF-LOCKING, HEXAGON SAME AS A010B	EA	8	REF	REF	REF	REF	REF	REF			F54	C1H1 THRU C8H1
P--F-- A196A	5305-590-3168	SCREW, MACHINE MS35233-46 (96906)	EA	8	*	2	2	*	2	2	12	195	F54	C1H1 THRU C8H1
P--F-- A197M	5940-557-1627	TERMINAL, LUG MS25036-53 (96906)	EA	4	*	2	2	*	2	2	12	80	F54	C1H2, C5H2
P--F-- A198A	5310-685-3744	WASHER, FLAT SAME AS A012B	EA	8	REF	REF	REF	REF	REF	REF			F54	C1H1 THRU C8H1
P--F-- A198B	5310-558-6207	WASHER, FLAT AN960C8L (81349)	EA	16	*	2	2	*	2	2	12	360	F54	C1H2 THRU C8H2
P--F-- A199A	5310-543-2739	WASHER, LOCK SAME AS A012C	EA	8	REF	REF	REF	REF	REF	REF			F54	C1H1 THRU C8H1
P--F-- A203M	5940-660-3631	TERMINAL, LUG MS25036-50 (96906)	EA	4	*	2	2	*	2	2	12	80	F54	C2H2, C6H2
P--F-- A231M	5940-557-1629	TERMINAL, LUG MS25036-49 (96906)	EA	1	*	2	2	*	2	2	12	320	F54	C7H1
P--F-- A239M	5935-946-0079	CONNECTOR, RECP, ELECTRICAL DPXAF13-33S (71468)	EA	1	*	*	2	*	*	*	8	25	F54	J3
P--F-- A240	5310-810-6871	NUT, SELF-LOCKING 79NTM40 (72962)	EA	4	*	*	2	*	*	2	8	180	F54	J3H4
P--F-- A240A	5310-939-0849	NUT, SELF-LOCKING, HEXAGON MS21083C04 (96906)	EA	4	*	*	2	*	*	2	8	180	F54	J3H4
P--F-- A241M	5935-945-6384	CONNECTOR, RECP, ELECTRICAL DPXAF26-33S (71468)	EA	1	*	*	2	*	*	*	8	25	F54	J2
P--F-- A242	5310-810-6871	NUT, SELF-LOCKING SAME AS A240	EA	4	REF	REF	REF	REF	REF	REF			F54	J2H4
P--F-- A242A	5310-939-0849	NUT, SELF-LOCKING, HEXAGON SAME AS A240A	EA	4	REF	REF	REF	REF	REF	REF			F54	J2H4
P--F-- A243M	5935-943-6910	CONNECTOR, RECP, ELECTRICAL 25680-7P (11139)	EA	1	*	*	2	*	*	*	8	25	F54	J4
P--F-- A244M	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A043M	EA	4	REF	REF	REF	REF	REF	REF			F54	J4H4
P--F-- A244A	5310-820-7014	NUT, SELF-LOCKING, HEXAGON SAME AS A043A	EA	4	REF	REF	REF	REF	REF	REF			F54	J4H4
P--F-- A245A	5305-068-6532	SCREW, MACHINE MS35233-15 (96906)	EA	4	REF	REF	REF	REF	REF	REF			F54	J4H4
P--F-- A246M	5310-632-6721	WASHER, FLAT AN960C4 (81349)	EA	4	*	2	2	*	2	2	12	240	F54	J4H4
P--F-- A247M	5310-550-3715	WASHER, LOCK SAME AS A135M	EA	4	REF	REF	REF	REF	REF	REF			F54	J4H4
P--F-- A248M	5935-729-8479	CONNECTOR, RECP, ELECTRICAL MS3102R22-5P (96906)	EA	1	*	*	2	*	*	*	8	25	F54	J1
P--F-- A249M	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A043M	EA	4	REF	REF	REF	REF	REF	REF			F54	J1H4
P--F-- A249A	5310-820-7014	NUT, SELF-LOCKING, HEXAGON SAME AS A043A	EA	4	REF	REF	REF	REF	REF	REF			F54	J1H4
P--F-- A250M	5305-515-7219	SCREW, MACHINE MS35233-17 (96906)	EA	4	*	2	2	*	2	2	12	180	F54	J1H4
P--F-- A251M	5310-632-6721	WASHER, FLAT SAME AS A246M	EA	4	REF	REF	REF	REF	REF	REF			F54	J1H4
P--F-- A252M	5310-550-3715	WASHER, LOCK SAME AS A135M	EA	4	REF	REF	REF	REF	REF	REF			F54	J1H4
P--F-- A253M	5935-725-1345	CONNECTOR, RECP, ELECTRICAL MS3102R12S3S (96906)	EA	1	*	*	2	*	*	*	8	25	F54	J5

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--F-- A254M	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A043M	EA	4	REF	REF	REF	REF	REF	REF			F54	J5H4
P--F-- A254A	5310-820-7014	NUT, SELF-LOCKING, HEXAGON SAME AS A043A	2	EA	4	REF	REF	REF	REF	REF			F54	J5H4
P--F-- A255M	5305-515-7219	SCREW, MACHINE SAME AS A250M	1,2	EA	4	REF	REF	REF	REF	REF			F54	J5H4
P--F-- A256M	5310-632-6721	WASHER, FLAT SAME AS A246M	1,2	EA	4	REF	REF	REF	REF	REF			F54	J5H4
P--F-- A257M	5310-550-3715	WASHER, LOCK SAME AS A135M		EA	4	REF	REF	REF	REF	REF			F54	J5H4
P--F-- A257A	5340-606-1906	CLAMP, LOOP SAME AS A047P	2	EA	2	REF	REF	REF	REF	REF			F54	MP4, MP5
A--F--S A258		HOUSING, UNIVERSAL POWER SUPPLY 1541122 (05869)		EA	1								F54	A3
A--F--S A258A		HOUSING, UNIVERSAL POWER SUPPLY 1598064 (05869)	2	EA	1								F54	A3
P--F-- A259		BUMPER, NYLON 1541110 (05869)		EA	2	"	2	2	"	2	19	80	F55	A3MP1, A3MP14
P--F-- A259A		BUMPER, NYLON 1579203 (05869)	2	EA	6	"	2	2	"	2	19	240	F55	A3MP1, A3MP2, A3MP14 THRU A3MP17
P--F-- A259B	5310-263-2862	NUT, SELF-LOCKING, HEXAGON MS21045C3 (96906)	2	EA	2	"	"	2	"	"	8	30	F55	A3MP1H1, A3MP14H1
P--F-- A259C	5305-059-3661	SCREW, MACHINE MS51958-65 (96906)	2	EA	2	"	2	2	"	2	12	30	F55	A3MP1H1, A3MP14H1
P--F-- A259E	5310-167-0812	WASHER, FLAT SAME AS A061B	2	EA	4	REF	REF	REF	REF	REF			F55	A3MP1H1, A3MP14H1, A3MP16H1, A3MP17H1
P--F-- A261M	5310-606-8660	NUT, PLAIN, HEXAGON NAS671C6 (80205)		EA	2	"	"	2	"	"	8	30	F55	A3MP1H2
P--F-- A262		SCREW, MACHINE MS35200-29 (96906)		EA	2	"	2	2	"	2	12	30	F55	A3MP1H2
P--F-- A263M	5310-616-3555	WASHER, LOCK SAME AS A136K		EA	2	REF	REF	REF	REF	REF			F55	A3MP1H2
P--F-- A264	5340-370-3985	BUMPER, RUBBER 6259-1 (77969)		EA	4	"	2	2	"	2	19	160	F55	A3MP2, A3MP15 THRU A3MP17
P--F-- A264B	5340-800-7874	INSERT, SCREW THREAD MS21209F1-15 (96906)	2	EA	2	"	2	2	"	2	12	20	F55	A3MP2H1, A3MP15H1
P--F-- A264C	5305-059-3659	SCREW, MACHINE MS51958-63 (96906)	2	EA	2	"	2	2	"	2	12	30	F55	A3MP2H1, A3MP15H1
P--F-- A266B	5340-597-3302	INSERT, SCREW, THREAD MS21208F1-15 (96906)	2	EA	2	"	2	2	"	2	12	20	F56	A3MP16H1, A3MP17H1
P--F-- A266C	5310-816-1879	NUT, SELF-LOCKING, HEXAGON SAME AS A060A	2	EA	2	REF	REF	REF	REF	REF			F56	A3MP16H1, A3MP17H1
P--F-- A266E	5305-059-3664	SCREW, MACHINE MS51958-68 (96906)	2	EA	2	"	2	2	"	2	12	30	F56	A3MP16H1, A3MP17H1
P--F-- A268M	5305-590-3168	SCREW, MACHINE SAME AS A196M		EA	4	REF	REF	REF	REF	REF			F55	A3MP2H4
P--F-- A269		BUMPER, STRIP 1541122-099 (05869)		EA	2	"	2	2	"	2	19	10	F55	A3MP3, A3MP18
A--F--S A271M		COVER, REAR, HSGN-UNIV PWR SUP 1541117 (05869)	1,2	EA	1								F55	A3A1
P--F-- A272M	5305-068-6533	SCREW, MACHINE SAME AS A041A	1,2	EA	6	REF	REF	REF	REF	REF			F57	A3A1H6

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--F-- A273M	5310-531-9514	WASHER, FLAT AN960C6 (81349)	EA	6	"	2	2	"	2	2	12	120	F57	A3A1H6
P--F-- A273A	5310-638-9857	WASHER, FLAT SAME AS A012A	EA	6	REF	REF	REF	REF	REF	REF			F57	A3A1H6
MD-F-- A274M		COVER 1541117-099 (05869)	EA	1									F57	A3A1MP1
P--D-- A275M	5920-284-6797	FUSEHOLDER 357009 (75915)	EA	1							8	20	F57	A3A1X1
P--D-- A276A	5320-619-4028	RIVET, SOLID MS20426A4-5 (96906)	EA	2							12	30	F57	A3A1X1H2
P--F-- A277M		HINGE, CONTINUOUS MS20257-5 (96906)	EA	1	"	"	2	"	"	"	8	5	F57	A3A1MP2
MD-F-- A278M		LID 1541117-098 (05869)	EA	1										A3A1MP3
P--F-- A279M		STUD, TURNLOCK FASTENER 2RB180 (56007)	EA	2	"	"	"	"	"	"	5	10	F57	A3A1MP4, A3A1MP5
P--F-- A281M	5325-733-7234	RETAINER 82-32-101-17 (56007)	EA	2	"	"	"	"	"	"	5	20	F57	A3A1MP4H2
P--F-- A282M	5325-276-6007	GROMMET, RUBBER 137 (77969)	EA	1	"	"	2	"	"	"	10	10	F57	A3MP5
P--D-- A283	5340-999-4965	HANDLE, SPRING LOADED 517875-3ANODIC (23667)	EA	2							8	30	F55	A3MP6, A3MP19
P--D-- A283A	5340-334-3228	HANDLE, SPRING, LOADED 517875-3 (23667)	EA	2							8	30	F55	A3MP6, A3MP19
P--D-- A285	5320-242-1580	RIVET, SOLID MS20470A6-6 (96906)	EA	6							12	90	F55	A3MP6H6
P--D-- A285A	5320-754-0992	RIVET, SOLID MS20470AD6-7 (96906)	EA	6							12	90	F55	A3MP6H6
P--D-- A286	5320-641-9476	RIVET, SOLID MS20426A6-7 (96906)	EA	4							12	90	F55	A3MP6H4
P--D-- A286A	5320-117-7287	RIVET, SOLID MS20426AD6-7 (96906)	EA	4							12	90	F55	A3MP6H4
P--F-- A287M	5340-999-4964	HOOK, LATCH 154111 (05869)	EA	2	"	"	2	"	"	2	8	10	F55	A3MP2, A3MP20
P--F-- A289	5310-810-6871	NUT, SELF-LOCKING SAME AS A240	EA	4	REF	REF	REF	REF	REF	REF			F55	A3MP2H4
P--F-- A289A	5310-939-0849	NUT, SELF-LOCKING, HEXAGON SAME AS A240A	EA	4	REF	REF	REF	REF	REF	REF			F55	A3MP2H4
P--F-- A290M	5305-515-7219	SCREW, MACHINE SAME AS A250M	EA	4	REF	REF	REF	REF	REF	REF			F55	A3MP2H4
P--F-- A291M	5310-632-6721	WASHER, FLAT SAME AS A246M	EA	4	REF	REF	REF	REF	REF	REF			F55	A3MP2H4
P--F-- A291A	5310-584-3782	WASHER, FLAT SAME AS A066A	EA	4	REF	REF	REF	REF	REF	REF			F55	A3MP2H4
A--F--S A292		HOUSING, MODULE 1541126 (05869)	EA	1									F55	A3A2
A--F--S A292A		HOURSING, MODULE 1598065 (05869)	EA	1									F55	A3A2
MD-F-- A293		ANGLE 1541126-098 (05869)	EA	1									F55	A3A2MP5
MD-F-- A294		BOSS 1541126-096 (05869)	EA	4									F55	A3A2MP6, A3A2MP13 THRU A3A2MP15
MD-D-- A298		BULKHEAD 1541126-092 (05869)	EA	1									F55	A3A2MP7

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
MD-D-- A299		BULKHEAD 1541126-093 (05869)	EA	1								F55	A3A2MP8	
MD-D-- A300		CHASSIS 1541126-099 (05869)	EA	1								F55	A3A2MP9	
MD-D-- A301		CORNER 1541126-095 (05869)	EA	2								F55	A3A2MP10, A3A2MP16	
MD-D-- A303		DIVIDER 1541126-097 (05869)	EA	1								F55	A3A2MP11	
MD-D-- A304		DOUBLER 1541126-094 (05869)	EA	2								F55	A3A2MP12, A3A2MP17	
A--F-S A306		HOUSING, REAR 1541127 (05869)	EA	1								F55	A3A3	
MD-D-- A307		BOSS 1541127-098 (05869)	EA	2								F55	A3A3MP1, A3A3MP3	
MD-D-- A309		CHASSIS 1541127-099 (05869)	EA	1								F55	A3A3MP2	
MD-D-- A310		HOUSING, UPPER 1541123 (05869)	EA	1								F55	A3MP10	
P--H-- A311	5310-803-4494	NUT, CLINCH CLS632-3 (46384)	EA	4				::	::	2	8	60	F55	A3MP11, A3MP21 THRU A3MP23
P--D-- A314A	5310-781-9493	NUT, SELF-LOCKING, PLATE SAME AS A041K	EA	6	2								F56	A3MP30 THRU A3MP35
P--D-- A314B	5320-117-6939	RIVET, SOLID SAME AS A041L	EA	12	2								F56	A3MP30H2 THRU A3MP35H2
P--D-- A315M	5310-879-4992	NUT, SELF-LOCKING SAME AS A031M	EA	6									F55	A3MP12, A3MP24 THRU A3MP28
P--D-- A321A	5320-721-5277	RIVET, SOLID SAME AS A031A	EA	12									F55	A3MP12H12
P--D-- A321B	5310-816-1879	NUT, SELF-LOCKING, HEXAGON SAME AS A060A	EA	2	2									A3MP44, A3MP45
P--D-- A321E	5310-819-2624	NUT, SELF-LOCKING, PLATE NAS1068C3M (80205)	EA	8	2					8	120		F56	A3MP36 THRU A3MP43
P--D-- A321F	5320-117-6939	RIVET, SOLID SAME AS A041L	EA	16	2								F56	A3MP36H2 THRU A3MP43H2
P--D-- A322M	5325-282-0629	RECEPTACLE, TURNLOCK FASTENER 2-295 (94222)	EA	2	1,2					8	20		F56	A3MP13, A3MP28
P--D-- A322A	5320-117-6939	RIVET, SOLID SAME AS A041L	EA	4	2								F56	A3MP13H2, A3MP28H2
P--D-- A323B	5305-989-7435	SCREW, MACHINE MS35207-264 (96906)	EA	2	2					12	30		F56	A3MP45, A3MP46
P--D-- A323E	5310-167-0812	WASHER, FLAT SAME AS A061B	EA	2	2								F56	A3MP47, A3MP48
MD-D A324A		NAMEPLATE-UNIVERSAL POWER SUP 1591819 (05869)	EA	1									F54	MP2
MD-D-- A324B		NAMEPLATE-UNIVERSAL POWER SUP 1598066 (05869)	EA	1	2								F54	MP2
P--D-- A325M	5320-637-5422	RIVET, SOLID MS20470A3-4 (96906)	EA	2						12	30		F54	MP2H2
P--D-- A325A	5320-117-6814	RIVET, SOLID SAME AS A041C	EA	2	2								F54	MP2H2
A--O-S A326A		POWER SUPPLY-UNIVERSAL PWR SUP 1541128-101 (05869)	EA	1									F54	A2
A--O-S A326B		POWER SUPPLY-UNIVERSAL PWR SUP 1541128-102 (05869)	EA	1	2								F54	A2

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--F-- A327M	5910-999-9587	CAPACITOR, FIXED, ELECTROLYTIC SAME AS A003M	EA	1	REF	REF	REF	REF	REF	REF			F67	A2C2
P--F-- A328M	5305-174-3885	SCREW, MACHINE SAME AS A004M	EA	2	REF	REF	REF	REF	REF	REF			F67	A2C2H2
P--F-- A328A	5305-709-2010	SCREW, MACHINE SAME AS A004A	EA	2	REF	REF	REF	REF	REF	REF			F71	A2C2H2
P--F-- A329M	5940-473-5595	STRAP, RETAINING SAME AS A005M	EA	2	REF	REF	REF	REF	REF	REF			F67	A2C2H2
P--F-- A330M	5340-946-9440	STRAP, RETAINING SAME AS A006M	EA	2	REF	REF	REF	REF	REF	REF			F67	A2C2H2
P--F-- A331M	5940-577-3711	TERMINAL, LUG SAME AS A007M	EA	2	REF	REF	REF	REF	REF	REF			F67	A2C2H2
P--F-- A332M	5910-999-4172	CAPACITOR, FIXED, ELECTROLYTIC SAME AS A008M	EA	1	REF	REF	REF	REF	REF	REF			F67	A2C1
P--F-- A333A		CLAMP, LOOP SAME AS A009A	EA	2	REF	REF	REF	REF	REF	REF			F67	A2C1H2
P--F-- A334A	5310-837-1381	NUT, PLAIN, HEXAGON SAME AS A010A	EA	4	REF	REF	REF	REF	REF	REF			F67	A2C1H4
P--F-- A334B	5310-813-3233	NUT, SELF-LOCKING, HEXAGON SAME AS A010B	EA	4	REF	REF	REF	REF	REF	REF			F71	A2C1H4
P--F-- A335M	5940-577-3711	TERMINAL, LUG SAME AS A007M	EA	2	REF	REF	REF	REF	REF	REF			F67	A2C1H2
P--F-- A336M	5940-644-8713	TERMINAL, LUG MS25036-8 (96906)	EA	1	*	2	2	*	*	2	12	20	F67	A2C1H1
P--F-- A337A	5310-558-6207	WASHER, FLAT SAME AS A198B	EA	4	REF	REF	REF	REF	REF	REF			F67	A2C1H4
P--F-- A337B	5310-685-3744	WASHER, FLAT SAME AS A012B	EA	4	REF	REF	REF	REF	REF	REF			F71	A2C1H4
P--F-- A337C	5310-543-2739	WASHER, LOCK SAME AS A012C	EA	4	REF	REF	REF	REF	REF	REF			F67	A2C1H4
A--F--S A338A		CHASSIS, PWR SUP-UNIV PWR SUP 1592129 (05869)	EA	1									F67	A2A2
A--F--S A338B		CHASSIS, PWR SUP-UNIV PWR SUP SAME AS A013B	EA	1									F71	A2A2
A--F--S A342A		CHASSIS, MODULE SAME AS A015A	EA	1									F67	A2A2A1
P--H-- A342B	9330-714-4600	GROMMET, PLASTIC SAME AS A020M	EA	1				REF	REF	REF			F70	A2A2A1MP1
P--D-- A342C	5310-193-5249	NUT, SELF-LOCKING, PLATE SAME AS A026M	EA	4									F70	A2A2A1MP2 THRU A2A2A2MP5
P--D-- A342E	5320-721-8973	RIVET, SOLID SAME AS A026A	EA	8									F70	A2A2A1MP2H2 THRU A2A2A1MP5H2
P--D-- A342L	5310-879-4992	NUT, SELF-LOCKING, PLATE SAME AS A031M	EA	4									F70	A2A2A1MP6 THRU A2A2A1MP9
P--D-- A342N	5320-721-5277	RIVET, SOLID SAME AS A031A	EA	8									F70	A2A2A1MP6H2 THRU A2A2A1MP9H2
P--D-- A342U	5307-974-0535	STUD, PLAIN SAME AS A036A	EA	4									F70	A2A2A1MP10 THRU A2A2A1MP13
P--D-- A342Y	9330-714-4600	GROMMET, PLASTIC SAME AS A020M	EA	1									F74	A2A2MP6

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGNCY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
MD-F-- A343M	5340-999-4963	HANDLE, BOW SAME AS A038M	EA	1									F67	A2A2MP2	
P--F-- A344A	5305-764-0068	SCREW, MACHINE SAME AS A039A	EA	2	REF	REF	REF	REF	REF	REF			F68	A2A2MP2H2	
MD-F-- A345M		PANEL, FRONT-POWER SUPPLY 1541118 (05869)	EA	1									F67	A2A2MP3	
P--D-- A346M	5305-068-6533	SCREW, MACHINE SAME AS A041A	EA	4									F67	A2A2MP3H4	
P--D-- A346A	5310-193-5249	NUT, SELF-LOCKING, PLATE SAME AS A026M	EA	4	2								F74	A2A2MP7 THRU A2A2MP10	
P--D-- A346B	5320-117-6814	RIVET, SOLID SAME AS A041C	EA	8	2								F74	A2A2MP7H2 THRU A2A2MP10H2	
P--D-- A346J	5310-781-9493	NUT, SELF-LOCKING, PLATE SAME AS A041K	EA	4	2								F74	A2A2MP11 THRU A2A2MP14	
P--D-- A346K	5320-117-6939	RIVET, SOLID SAME AS A041L	EA	8	2								F74	A2A2MP11H2 THRU A2A2MP14H2	
P--F-- A347M		SCREW, PANEL FASTENER SAME AS A041T	EA	2		REF	REF	REF	REF	REF	REF		F67	A2A2MP4, A2A2MP5	
P--F-- A348A	5307-974-053	STUD, PLAIN SAME AS A036A	EA	4	2	REF	REF	REF	REF	REF	REF		F74	A2A2MP15 THRU A2A2MP18	
P--F-- A349M	5935-987-7064	CONNECTOR, RECP, ELECTRICAL SRRAIN26AP1 (77820)	EA	1		**	**	2	**	**	**	8	25	F68	A2J1
P--F-- A349A	5935-557-1009	CONNECTOR, RECP, ELECTRICAL SAME AS A349M	EA	1	2	REF	REF	REF	REF	REF	REF		F72	A2P2	
P--F-- A350M	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A043M	EA	4		REF	REF	REF	REF	REF	REF		F68	A2J1H4	
P--F-- A350A	5310-820-7014	NUT, SELF-LOCKING, HEXAGON SAME AS A043A	EA	4	2	REF	REF	REF	REF	REF	REF		F74	A2P2H4	
P--F-- A351M	5305-068-6532	SCREW, MACHINE SAME AS A044M	EA	4		REF	REF	REF	REF	REF	REF		F68	A2J1H4	
P--F-- A351A	5305-543-2766	SCREW, MACHINE SAME AS A044A	EA	4	2	REF	REF	REF	REF	REF	REF		F72	A2P2H4	
P--F-- A352M	5940-557-4398	TERMINAL, LUG SAME AS A045M	EA	1		REF	REF	REF	REF	REF	REF		F68	A2J1H1	
P--F-- A352A	5940-557-4398	TERMINAL, LUG SAME AS A045M	EA	1	2	REF	REF	REF	REF	REF	REF		F72	A2P2H1	
P--F-- A352B		WASHER, FLAT SAME AS A046A	EA	7		REF	REF	REF	REF	REF	REF		F68	A2J1H7	
P--F-- A352C	5310-595-6211	WASHER, FLAT SAME AS A046B	EA	7	2	REF	REF	REF	REF	REF	REF		F72	A2P2H7	
P--F-- A353M	5310-550-3715	WASHER, LOCK SAME AS A135M	EA	4		REF	REF	REF	REF	REF	REF		F68	A2J1H4	
P--F-- A353A	5310-550-3715	WASHER, LOCK SAME AS A135M	EA	4	2	REF	REF	REF	REF	REF	REF		F72	A2P2H4	
P--F-- A354A	5340-606-1906	CLAMP, LOOP SAME AS A047P	EA	4	2	REF	REF	REF	REF	REF	REF		F73	A2MP3 THRU A2MP6	
P--F-- A354B	5310-813-3233	NUT, SELF-LOCKING, HEXAGON SAME AS A010B	EA	4	2	REF	REF	REF	REF	REF	REF		F73	A2MP3H1 THRU A2MP6H1	
P--F-- A354C	5305-079-5835	SCREW, MACHINE SAME AS A047E	EA	4	2	REF	REF	REF	REF	REF	REF		F73	A2MP3H1 THRU A2MP6H1	
P--F-- A354E	5310-880-5978	WASHER, FLAT SAME AS A047F	EA	4	2	REF	REF	REF	REF	REF	REF		F73	A2MP3H1 THRU A2MP6H1	

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--F-- A354S	5340-898-9682	CLAMP, LOOP 3-16-4 (95987)	2	EA	3	"	"	2	"	"	"	8	45	F72	A2MP7 THRU A2MP9
P--F-- A354U	5310-813-3233	NUT, SELF-LOCKING, HEXAGON SAME AS A010B	2	EA	1	REF	REF	REF	REF	REF	REF			F73	A2MP8H1
P--F-- A354V	5305-579-3508	SCREW, MACHINE SAME AS A047W	2	EA	1	REF	REF	REF	REF	REF	REF			F73	A2MP8H1
P--F-- A354W	5310-880-5978	WASHER, FLAT SAME AS A047F	2	EA	1	REF	REF	REF	REF	REF	REF			F73	A2MP8H1
P--O-- A355M	5920-557-5033	FUSE, CARTRIDGE F03A250V8A (81349)	1,2	EA	1	2	3	6	2	2	2	71	100	F68	A2F4
P--O-- A356M	5920-280-4960	FUSE, CARTRIDGE F02A250V2A (81349)	1,2	EA	1	2	3	6	2	2	2	71	100	F68	A2F2
P--O-- A357M	5920-557-2647	FUSE, CARTRIDGE F02A250V4A (81349)	1,2	EA	1	2	3	6	2	2	2	71	100	F68	A2F3
P--O-- A358M	5920-012-0157	FUSE, CARTRIDGE F02A32V15A (81349)	1,2	EA	1	2	3	6	2	2	2	71	100	F68	A2F1
P--F-- A359M	5920-556-0144	FUSEHOLDER SAME AS A050M	1,2	EA	4	REF	REF	REF	REF	REF	REF			F68	A2XF1 THRU A2XF4
P--O-- A363M	5355-556-0145	DIAL, CONTROL M591528-1K2B (96906)	1,2	EA	1	"	"	"	"	"	"	5	8	F67	A2DS2
MD-F-- A363A		HANDLE, BOW SAME AS A052B	2	EA	1									F71	A2MP10
P--F-- A363B	5310-167-0803	WASHER, FLAT SAME AS A052C	2	EA	2	REF	REF	REF	REF	REF	REF			F71	A2MP10H2
P--F-- A363C	5310-407-9566	WASHER, LOCK SAME AS A052E	2	EA	2	REF	REF	REF	REF	REF	REF			F71	A2MP10H2
P--F-- A363E	5961-067-5691	HEAT SINK, ELECTRONIC COMPONENT SAME AS A052F	1,2	EA	1	REF	REF	REF	REF	REF	REF			F69	A2MP11
P--F-- A364M	6240-155-7836	LAMP, INCANDESCENT SAME AS A053M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F68	A2DS1
P--F-- A365M	6210-682-9833	LIGHT, INDICATOR SAME AS A054M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F68	A2XDS1
MD-F-- A366A		NAMEPLATE, MODULE-UNIV PWR SUP 1541129-004 (05869)		EA	1									F68	A2MP2
MD-F-- A366B		NAMEPLATE, MODULE-UNIV PWR SUP 1598564-002 (05869)	2	EA	1									F72	A2MP2
MD-F-- A366C		PANEL, FRONT-POWER SUPPLY 1598062 (05869)	2	EA	1									F71	A2A3
P--F-- A366E	5305-068-6533	SCREW, MACHINE SAME AS A041A	2	EA	4	REF	REF	REF	REF	REF	REF			F71	A2A3H4
P--F-- A366F	5310-054-0041	WASHER, FLAT SAME AS A055F	2	EA	4	REF	REF	REF	REF	REF	REF			F71	A2A3H4
P--F-- A366G	5325-290-3972	STUD, TURNLOCK FASTENER SAME AS A055G	2	EA	4	REF	REF	REF	REF	REF	REF				A2A3MP1 THRU A2A3MP4
P--F-- A366H	5325-842-8276	RING, RETAINING SAME AS A055H	2	EA	4	REF	REF	REF	REF	REF	REF				A2A3MP1H1 THRU A2A3MP4H1
P--F-- A367M	5920-944-8771	PROTECTOR, OVERVOLTAGE OVL17-5-10 (94412)	1,2	EA	1	"	"	"	"	"	"	5	8	F69	A2Z1
P--F-- A368A	5310-837-1381	NUT, PLAIN, HEXAGON SAME AS A010A		EA	1	REF	REF	REF	REF	REF	REF			F69	A2Z1H1
P--F-- A368B	5310-813-3233	NUT, SELF-LOCKING, HEXAGON SAME AS A010B	2	EA	1	REF	REF	REF	REF	REF	REF			F73	A2Z1H1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--F-- A369A	5310-543-2739	WASHER, LOCK SAME AS A012C	EA	1	REF	REF	REF	REF	REF	REF			F69	A2Z1H1
P--F-- A371M	5950-944-9885	REACTOR SAME AS A059M	EA	1	REF	REF	REF	REF	REF	REF			F69	A2L1
P--F-- A372M	5310-812-4292	NUT, PLAIN, HEXAGON SAME AS A001C	EA	4	REF	REF	REF	REF	REF	REF			F69	A2L1H4
P--F-- A372A	5310-816-1879	NUT, SELF-LOCKING, HEXAGON SAME AS A060A	EA	4	REF	REF	REF	REF	REF	REF			F73	A2L1H4
P--F-- A373A	5305-043-6750	SCREW, MACHINE SAME AS A061A	EA	4	REF	REF	REF	REF	REF	REF			F69	A2L1H4
P--F-- A373B	5310-167-0812	WASHER, FLAT SAME AS A061B	EA	4	REF	REF	REF	REF	REF	REF			F69	A2L1H4
P--F-- A374M	5310-543-5933	WASHER, LOCK SAME AS A001G	EA	4	REF	REF	REF	REF	REF	REF			F69	A2L1H4
P--F-- A376A	5820-139-4898	REG, PWR SUP-UNIV PWR SUPPLY 1592131 (05869)	EA	1	*	*	*	*	*	*	5		F67	A2A1
P--F-- A376B	5820-139-4897	REG, PWR SUP-UNIV PWR SUPPLY 1598063 (05869)	EA	1	*	*	*	*	*	*	5		F71	A2A1
P--F-- A377M	5305-068-6532	SCREW, MACHINE SAME AS A044M	EA	4	REF	REF	REF	REF	REF	REF			F67	A2A1H4
P--F-- A378A	5310-584-3782	WASHER, FLAT SAME AS A066A	EA	4	REF	REF	REF	REF	REF	REF			F67	A2A1H4
P--F-- A378B	5310-595-6211	WASHER, FLAT SAME AS A046B	EA	4	REF	REF	REF	REF	REF	REF			F69	A2A1H4
MD-F-- A379M	5820-999-4746	BOARD, CIRCUIT, REGULATOR SAME AS A067M	EA	1									F75	A2A1TB1
P--F-- A380A	5910-936-1521	CAPACITOR, FIXED, ELECTROLYTIC SAME AS A068A	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1C4
P--F-- A381A		CAPACITOR, FIXED, FILM DIELECTRIC SAME AS A069A	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1C3
P--F-- A382M	5970-947-1815	INSULATOR, TRANSISTOR SAME AS A070M	EA	3	REF	REF	REF	REF	REF	REF			F75	A2A1E1 THRU A2A1E3
P--F-- A385M	5905-185-8570	RESISTOR, FIXED, COMPOSITION RC20GF103J (81349)	EA	1	*	*	2	*	*	*	8	10	F75	A2A1R4
P--F-- A385A	5905-141-0591	RESISTOR, FIXED, COMPOSITION RCR20G103JS (81349)	EA	1	*	*	2	*	*	*	8	10	F75	A2A1R4
P--F-- A386A	5905-190-8889	RESISTOR, FIXED, COMPOSITION SAME AS A074A	EA	4	REF	REF	REF	REF	REF	REF			F75	A2A1R2, A2A1R12 THRU A2A1R14
P--F-- A386B	5905-106-9344	RESISTOR, FIXED, COMPOSITION SAME AS A074B	EA	3	REF	REF	REF	REF	REF	REF			F75	A2A1R2, A2A1R12 A2A1R14
P--F-- A388A	5905-728-4199	RESISTOR, FIXED, FILM RLR20C681GM (81349)	EA	1	*	*	2	*	*	*	8	10	F75	A2A1R13
P--F-- A390M	5905-195-6806	RESISTOR, FIXED, COMPOSITION SAME AS A076M	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1R8
P--F-- A390A	5905-110-0196	RESISTOR, FIXED, COMPOSITION SAME AS A076A	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1R8
P--F-- A391M	5905-299-2053	RESISTOR, FIXED, COMPOSITION SAME AS A078M	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1R1
P--F-- A391A	5905-106-1247	RESISTOR, FIXED, COMPOSITION SAME AS A078A	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1R1
P--F-- A392M	5905-892-0360	RESISTOR, FIXED, COMPOSITION SAME AS A079M	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1R5
P--F-- A392A	5905-111-8372	RESISTOR, FIXED, COMPOSITION SAME AS A079A	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1R5

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--F-- A393M	5905-988-0144	RESISTOR, FIXED, FILM RN70D1001F (81349)	1,2	EA	2	*	*	2	*	*	2	8	20	F76	A2A1R6, A2A1R9
P--F-- A395M	5905-948-0226	RESISTOR, FIXED, FILM RN65C1892D (81349)	1,2	EA	2	*	*	2	*	*	2	8	20	F75	A2A1R10, A2A1R11
P--F-- A397M	5905-975-1135	RESISTOR, FIXED, WIRE WOUND SAME AS A081M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1R7
P--F-- A398M	5905-879-3635	RESISTOR, FIXED, WIRE WOUND SAME AS A082M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1R3
P--F-- A399M	5961-752-6121	SEMICONDUCTOR DEVICE, DIODE SAME AS A084M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1CR5
P--F-- A400M	5961-978-7660	SEMICONDUCTOR DEVICE, DIODE SAME AS A085M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1CR4
P--F-- A400A	5961-842-9864	SEMICONDUCTOR DEVICE, DIODE SAME AS A086A	1,2	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1CR2
P--F-- A401M		INSULATION, SLEEVING SAME AS A069B		EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1MP1
P--F-- A402M	5961-855-1551	TRANSISTOR SAME AS A087M	1,2	EA	2	REF	REF	REF	REF	REF	REF			F75	A2A1Q3, A2A1Q4
P--F-- A404M	5961-995-8625	TRANSISTOR SAME AS A089M	1,2	EA	1	REF	REF	REF	REF	REF	REF			F75	A2A1Q2
P--F-- A405M	5905-892-0260	RESISTOR, FIXED, WIRE WOUND RE65G2000 (81349)	1,2	EA	1	*	*	2	*	*	*	8	20	F67	A2R15
P--F-- A405A	5310-812-4294	NUT, PLAIN, HEXAGON SAME AS A096M	1,2	EA	2	REF	REF	REF	REF	REF	REF			F67	A2R15H2
P--F-- A405B	5305-543-2759	SCREW, MACHINE SAME AS A097M	1,2	EA	2	REF	REF	REF	REF	REF	REF			F67	A2R15H2
P--F-- A405C	5310-043-4708	WASHER, FLAT SAME AS A097A	1,2	EA	2	REF	REF	REF	REF	REF	REF			F67	A2R15H2
P--F-- A405E	5310-543-4652	WASHER, LOCK SAME AS A098M	1,2	EA	2	REF	REF	REF	REF	REF	REF			F67	A2R15H2
P--F-- A405F	5905-061-0739	RESISTOR, FIXED, WIRE WOUND SAME AS A098A	1,2	EA	1	REF	REF	REF	REF	REF	REF			F69	A2R17
P--F-- A406A	5905-901-7369	RESISTOR, FIXED, WIRE WOUND SAME AS A099A	1,2	EA	1	REF	REF	REF	REF	REF	REF			F67	A2R16
P--F-- A407A	5970-846-7471	TERMINAL, LUG SAME AS A100A	1,2	EA	2	REF	REF	REF	REF	REF	REF			F67	A2R16H2
P--F-- A407B	5905-824-3125	RESISTOR, FIXED, WIRE WOUND RE40G10R0 (81349)		EA	1	*	*	2	*	*	*	8	20		A2R18
P--F-- A407C	5310-208-3786	NUT, PLAIN, HEXAGON SAME AS A043M		EA	2	REF	REF	REF	REF	REF	REF				A2R18H2
P--F-- A407E	5305-543-5814	SCREW, MACHINE SAME AS A092M		EA	2	REF	REF	REF	REF	REF	REF				A2R18H2
P--F-- A407F		WASHER, FLAT SAME AS A046A		EA	2	REF	REF	REF	REF	REF	REF				A2R18H2
P--F-- A407G	5310-933-8118	WASHER, LOCK MS35338-135 (96906)		EA	2	*	2	2	*	2	2	12	40		A2R18H2
P--F-- A408M		TERMINAL, STUD SAME AS A128M	1,2	EA	7	REF	REF	REF	REF	REF	REF			F69	A2E1 THRU A2E7
P--F-- A413A	5305-638-0653	SCREW, MACHINE SAME AS A133M	1,2	EA	7	REF	REF	REF	REF	REF	REF			F69	A2E1H7
P--F-- A414M	5310-543-5933	WASHER, LOCK SAME AS A001G		EA	3	REF	REF	REF	REF	REF	REF			F69	A2E1H3
P--F-- A415A	5310-584-3782	WASHER, FLAT SAME AS A066A	1,2	EA	7	REF	REF	REF	REF	REF	REF			F69	A2E1H7

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--F-- A416M	5310-550-3715	WASHER, LOCK SAME AS A135M	EA	4	REF	REF	REF	REF	REF	REF			F69	A2E1H4
P--F-- A416A	5310-550-3715	WASHER, LOCK SAME AS A135M	EA	7	REF	REF	REF	REF	REF	REF			F73	A2E1H7
P--F-- A417A	5961-811-5799	SEMI CONDUCTOR DEVICE, DIODE SAME AS A118A	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR1
P--F-- A418M	5970-497-9942	INSULATOR, BUSHING SAME AS A111M	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR1H1
P--F-- A419M	5970-497-9943	INSULATOR, WASHER SAME AS A112M	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR1H1
P--F-- A420M	5310-812-4292	NUT, PLAIN, HEXAGON SAME AS A001C	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR1H1
P--F-- A420A	5310-816-1879	NUT, SELF-LOCKING, HEXAGON SAME AS A060A	EA	1	REF	REF	REF	REF	REF	REF			F72	A2CR1H1
P--F-- A421M	5940-849-8394	TERMINAL, LUG SAME AS A114M	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR1H1
P--F-- A421A	5310-167-0812	WASHER, FLAT SAME AS A061B	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR1H1
P--F-- A422M	5310-543-5933	WASHER, LOCK SAME AS A001G	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR1H1
P--F-- A424M		WASHER, NONMETALLIC SAME AS A117M	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR1H1
P--F-- A433A	5961-935-4912	SEMI CONDUCTOR DEVICE, DIODE SAME AS A110A	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR3
P--F-- A434M	5970-497-9942	INSULATOR, BUSHING SAME AS A111M	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR3H1
P--F-- A435M	5970-497-9943	INSULATOR, WASHER SAME AS A112M	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR3H1
P--F-- A436M	5310-812-4292	NUT, PLAIN, HEXAGON SAME AS A001C	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR3H1
P--F-- A436A	5310-816-1879	NUT, SELF-LOCKING, HEXAGON SAME AS A060A	EA	1	REF	REF	REF	REF	REF	REF			F72	A2CR3H1
P--F-- A437M	5940-849-8394	TERMINAL, LUG SAME AS A114M	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR3H1
P--F-- A437A	5310-167-0812	WASHER, FLAT SAME AS A061B	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR3H1
P--F-- A438M	5310-543-5933	WASHER, LOCK SAME AS A001G	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR3H1
P--F-- A440M		WASHER, NONMETALLIC SAME AS A117M	EA	1	REF	REF	REF	REF	REF	REF			F69	A2CR3H1
P--F-- A441M	5930-864-6268	SWITCH, ROTARY 212806A1 (76854)	EA	1	"	2	2	"	"	2	12	25	F68	A2S2
P--F-- A441A	5310-183-4355	WASHER, FLAT SAME AS A101B	EA	1	REF	REF	REF	REF	REF	REF			F68	A2S2H1
P--F-- A442M	5930-577-2523	SWITCH, TOGGLE MS25068-24 (96906)	EA	1	"	2	2	"	"	2	12	25	F68	A2S1
P--F-- A443M	5940-503-9995	TERMINAL, LUG MS25036-1 (96906)	EA	3	"	2	2	"	2	2	12	160	F68	A2S1H3
P--F-- A443A	5940-503-9995	TERMINAL, LUG SAME AS A443M	EA	8	REF	REF	REF	REF	REF	REF			F72	A2S1H8
P--F-- A444M	5940-283-5280	TERMINAL, LUG SAME AS A127A	EA	8	REF	REF	REF	REF	REF	REF			F68	A2S1H8
P--F-- A444A	5940-283-5280	TERMINAL, LUG SAME AS A127A	EA	3	REF	REF	REF	REF	REF	REF			F72	A2S1H3

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--F-- A444B	5340-926-5471	WASHER, FLAT SAME AS A127B	2	EA	1	REF	REF	REF	REF	REF	REF		F72	A251H1	
P--F-- A445A	5961-442-9494	TRANSISTOR SAME AS A136A	1,2	EA	1	REF	REF	REF	REF	REF	REF		F69	A2Q5	
P--F-- A445B	5970-891-1484	INSULATOR, BUSHING SAME AS A136B	1,2	EA	2	REF	REF	REF	REF	REF	REF		F69	A2Q5H2	
P--F-- A445C	5970-912-2183	INSULATOR, WASHER SAME AS A136C	1,2	EA	1	REF	REF	REF	REF	REF	REF		F69	A2Q5H1	
P--F-- A445E	5310-934-9761	NUT, PLAIN, HEXAGON SAME AS A136E		EA	2	REF	REF	REF	REF	REF	REF		F69	A2Q5H2	
P--F-- A445F	5310-801-4420	NUT, SELF-LOCKING, HEXAGON SAME AS A136F	2	EA	2	REF	REF	REF	REF	REF	REF		F73	A2Q5H2	
P--F-- A445G	5305-054-6655	SCREW, MACHINE SAME AS A136G		EA	2	REF	REF	REF	REF	REF	REF		F69	A2Q5H2	
P--F-- A445H	5305-054-6654	SCREW, MACHINE SAME AS A136H	2	EA	2	REF	REF	REF	REF	REF	REF		F73	A2Q5H2	
P--F-- A445I	5940-827-2653	TERMINAL, LUG SAME AS A136I	1,2	EA	1	REF	REF	REF	REF	REF	REF		F69	A2Q5H1	
P--F-- A445J	5310-054-0041	WASHER, FLAT SAME AS A055F	1,2	EA	4	REF	REF	REF	REF	REF	REF		F69	A2Q5H4	
P--F-- A445K	5310-616-3555	WASHER, LOCK SAME AS A136K		EA	2	REF	REF	REF	REF	REF	REF		F69	A2Q5H2	
P--F-- A446M	5961-995-8625	TRANSISTOR SAME AS A137M	1,2	EA	1	REF	REF	REF	REF	REF	REF		F69	A2Q1	
P--F-- A454M	6625-930-0266	VOLTMETER 1521 (03611)	1,2	EA	1	"	"	2	"	"	"	10	8	F68	A2M1
P--F-- A454A	5310-820-7014	NUT, SELF-LOCKING, HEXAGON SAME AS A043A	2	EA	3	REF	REF	REF	REF	REF	REF		F72	A2M1H3	
P--F-- A454B	5940-660-3631	TERMINAL, LUG SAME AS A203M	1,2	EA	2	REF	REF	REF	REF	REF	REF		F68	A2M1H2	
P--F-- A454C	5310-584-3782	WASHER, FLAT SAME AS A066A	2	EA	3	REF	REF	REF	REF	REF	REF		F72	A2M1H3	
P--F-- A455M	5961-811-5799	SEMI CONDUCTOR DEVICE, DIODE SAME AS A118A		EA	4	REF	REF	REF	REF	REF	REF		F54	CR1 THRU CR4	
P--F-- A455A	5961-935-0138	SEMI CONDUCTOR DEVICE, DIODE JAN11202A (81349)	2	EA	4	"	"	"	"	"	"	5	40	F54	CR1 THRU CR4
P--F-- A456M	5970-947-1815	INSULATOR, BUSHING A362-29 (86928)	1,2	EA	4	"	"	2	"	"	2	8	60	F57	CR1H1 THRU CR4H1
P--F-- A457M	5970-497-9943	INSULATOR, WASHER SAME AS A112M	1,2	EA	4	REF	REF	REF	REF	REF	REF		F57	CR1H1 THRU CR4H1	
P--F-- A458M	5310-812-4292	NUT, PLAIN, HEXAGON SAME AS A001C		EA	4	REF	REF	REF	REF	REF	REF		F57	CR1H1 THRU CR4H1	
P--F-- A458A	5310-816-1879	NUT, SELF-LOCKING, HEXAGON SAME AS A060A	2	EA	4	REF	REF	REF	REF	REF	REF		F57	CR1H1 THRU CR4H1	
P--F-- A459M	5940-849-8394	TERMINAL, LUG SAME AS A114M	1,2	EA	4	REF	REF	REF	REF	REF	REF		F57	CR1H1 THRU CR4H1	
P--F-- A459A	5310-167-0812	WASHER, FLAT SAME AS A061B	2	EA	4	REF	REF	REF	REF	REF	REF		F57	CR1H1 THRU CR4H1	
P--F-- A460M	5310-543-5933	WASHER, LOCK SAME AS A001G		EA	4	REF	REF	REF	REF	REF	REF		F57	CR1H1 THRU CR4H1	
P--F-- A461M	5310-167-0801	WASHER, FLAT SAME AS A001F		EA	4	REF	REF	REF	REF	REF	REF		F57	CR1H1 THRU CR4H1	
P--F-- A462M		WASHER, NONMETALLIC SAME AS A117M	1,2	EA	4	REF	REF	REF	REF	REF	REF		F57	CR1H1 THRU CR4H1	

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
MD-F-- A486A		SPACER, PLATE 1592663 (05869)	EA	1									F54	MP 3
P--F-- A486B	5310-812-4292	NUT, PLAIN, HEXAGON SAME AS A001C	EA	4	REF	REF	REF	REF	REF	REF			F57	MP 3H4
P--F-- A486C	5305-993-1848	SCREW, MACHINE MS35207-265 (96906)	EA	4	"	2	2	"	2	2	12	120	F57	MP 3H4
P--F-- A486E	5310-167-0801	WASHER, FLAT SAME AS A001F	EA	8	REF	REF	REF	REF	REF	REF			F57	MP 3H8
P--F-- A486F	5310-543-5933	WASHER, LOCK SAME AS A001G	EA	4	REF	REF	REF	REF	REF	REF			F57	MP 3H4
P--F-- A487	5950-944-9884	TRANSFORMER, POWER STEP-DOWN TE12273 (78790)	EA	1	"	"	2	"	"	"	8	10	F54	T1
P--F-- A487A		TRANSFORMER, POWER STEP-DOWN E30108 (80008)	EA	1	"	"	2	"	"	"	8	10	F54	T1
P--F-- A487B	5306-151-1426	BOLT, MACHINE AN4-6A (81349)	EA	4	"	"	2	"	"	2	8	24	F57	T1H4
P--F-- A488M	5310-812-4292	NUT, PLAIN, HEXAGON SAME AS A001C	EA	4	REF	REF	REF	REF	REF	REF			F57	T1H4
P--F-- A488A	5310-813-3232	NUT, SELF-LOCKING, HEXAGON NAS679C4M (80205)	EA	4	"	"	2	"	"	2	8	60	F57	T1H4
P--F-- A489A	5305-993-1848	SCREW, MACHINE SAME AS A486C	EA	4	REF	REF	REF	REF	REF	REF			F57	T1H4
P--F-- A489B	5310-515-7449	WASHER, FLAT AN960C416L (81349)	EA	8	"	2	2	"	2	2	12	160	F57	T1H8
P--F-- A490M	5310-543-5933	WASHER, LOCK SAME AS A001G	EA	4	REF	REF	REF	REF	REF	REF			F57	T1H4
P--F-- A491M	5310-167-0801	WASHER, FLAT SAME AS A001F	EA	8	REF	REF	REF	REF	REF	REF			F57	T1H4
P--F-- A491A	5940-557-1629	TERMINAL, LUG SAME AS A231M	EA	15	REF	REF	REF	REF	REF	REF			F54	E1 THRU E15
P--F-- A491R	5310-837-1381	NUT, PLAIN, HEXAGON SAME AS A010A	EA	1	REF	REF	REF	REF	REF	REF			F54	E1H1
P--F-- A491S	5310-813-3233	NUT, SELF-LOCKING, HEXAGON SAME AS A010B	EA	1	REF	REF	REF	REF	REF	REF			F54	E1H1
P--F-- A491T	5305-590-3168	SCREW, MACHINE SAME AS A196A	EA	1	REF	REF	REF	REF	REF	REF			F54	E1H1
P--F-- A491U	5310-685-3744	WASHER, FLAT SAME AS A012B	EA	2	REF	REF	REF	REF	REF	REF			F54	E1H2
P--F-- A491V	5310-558-6207	WASHER, FLAT SAME AS A198B	EA	2	REF	REF	REF	REF	REF	REF			F54	E1H2
P--F-- A491W	5310-543-2739	WASHER, LOCK SAME AS A012C	EA	2	REF	REF	REF	REF	REF	REF			F54	E1H2

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5305-043-6750	F61	A1L1H4 A2L1H4	5310-043-4708	F58 F67	A1R13H2 A2R15H2
5305-054-6654	F73	A1Q5H2 A2Q5H2	5310-054-0041	F61 F63 F69 F71	A1Q5H4 A1A3H4 A2Q5H4 A2A3H4
5305-054-6655	F61 F69	A1Q5H2 A2Q5H2	5310-167-0801	F57	CR1H1 THRU CR4H1, MP1H2, MP3H8, T1H4
5305-056-9961	F63	A1R10H2	5310-167-0803	F63 F71	A1MP4H2 A2MP10H2
5305-059-3659	F55	A3MP2H1, A3MP15H1	5310-167-0812	F55, F56, F57	A3MP1H1, A3MP14H1, A3MP16H1, A3MP17H1, A3MP47, A3MP18, CR1H1 THRU CR4H1 A1CR2H1, A1CR3H1, A1L1H8 A1L1H4 A2CR1H1, A2CR3H1, A2L1H4
5305-059-3661	F55	A3MP1H1, A3MP14H1		F61 F61 F69	
5305-059-3664	F56	A3MP16H1, A3MP17H1	5310-183-4355	F64 F68	A1R11H1 A252H1
5305-068-6532	F54 F67	J4H4 A1A1H4, A1J1H4 A2A1H4, A2J1H4	5310-193-5249	F62	A1A2A1MP6, A1A2A1MP13, A1A2A1MP14, A1A2A1MP15 A1A2MP4 THRU A1A2MP7 A2A2A1MP2 THRU A2A2A1MP5 A2A2MP7 THRU A2A2MP10
5305-068-6533	F57 F60 F63 F71	A3A1H6 A1A2A2H4 A1A3H4 A2A2MP3H4 A2A3H4		F66 F70 F74	
5305-079-5835	F63 F73	A1MP5H1 THRU A1MP7H1, A1MP8H1 A2MP3H1 THRU A2MP6H1	5310-208-3786	F54 F66, F69 F68	J1H4, J4H4, J5H4 A1J1H4, A1R10H2 A2J1H4, A2R18H2
5305-174-3885	F58 F67	A1C2H2 A2C2H2	5310-263-2862	F55	A3MP1H1
5305-515-7219	F54, F55	A3MP2H4, J1H4, J5H4	5310-407-9566	F63 F71	A1MP4H2 A2MP10H2
5305-543-2759	F59 F67	A1R13H2 A2R15H2	5310-515-7449	F57	T1H8
5305-543-2766	F64 F72	A1P3H4 A2P2H4	5310-531-9514	F57	A3A1H6
5305-543-5814	F59	A1R10H2 A2R18H2	5310-543-2739	F54 F58 F67, F69	C1H1 THRU C8H1, E1H2 A1C1H4, A1Z1H1 A2C1H4, A2Z1H1
5305-579-3508	F65 F73	A1MP10H1 A2MP8H1	5310-543-4652	F59 F67	A1R13H2 A2R15H2
5305-590-3168	F54	A3MP2H4, C1H1 THRU C8H1, E1H1	5310-543-5933	F57 F58, F61	CR1H1 THRU CR4H1, MP1H2, MP3H4, T1H4 A1CR2H1, A1CR3H1, A1L1H4 A2CR1H1, A2CR3H1, A2E1H3, A2L1H4
5305-638-0653	F61 F69	A1E1H7 A2E1H7	5310-550-3715	F54 F61 F68, F69 F72, F73	J1H4, J4H4, J5H4 A1E1H7 A2E1H4, A2J1H4 A2E1H7, A2P2H4
5305-709-2010	F58 F71	A1C2H2 A2C2H2	5310-558-6207	F54 F67	C1H2 THRU C8H2, E1H2 A2C1H4
5305-764-0068	F59 F68	A1A2MP2H2 A2A2MP2H2	5310-584-3782	F55 F63 F67, F69 F72	A3MP2H4 A1A1H4, A1E1H7 A2A1H2, A2A1H4 A2M1H3
5305-959-4158	F57	MP1H2			
5305-989-7435	F56	A3MP45, A3MP46			
5305-993-1848	F57	MP3H4, T1H4			
5306-151-1426	F57	T1H4			
5307-974-0535	F62 F66 F74	A1A2A1MP19 THRU A1A2A1MP22 A1A2MP14 THRU A1A2MP17 A2A2A1MP10 THRU A2A2A1MP13 A2A2MP15 THRU A2A2MP18			

**SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION
(Continued)**

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5310-595-6211	F64, F63 F72, F69	A1A1H4, A1P3H7, A1R10H2 A2A1H4, A2P2H7	5310-879-4992	F55 F62	A3MP12, A3MP24 THRU A3MP28 A1A2A1MP7, A1A2A1MP16, A1A2A1MP17, A1A2A1MP18 A2A2A1MP6 THRU A2A2A1MP9
5310-616-3555	F55 F61 F69	A3MP1H2 A1Q5H2 A2Q5H2		F70	
5310-616-8660	F54	A3MP1H2	5310-880-5978	F63 F65 F73	A1MP1H1, A1MP5H1 THRU A1MP7H1, A1MP10H2, A1Z1H1 A2MP3H1 THRU A2MP8H1
5310-632-6721	F54, F55	A3MP2H4, J1H4, J4H4, J5H4	5310-933-8118		A2R18H2
5310-638-9857	F57 F58	A3A1H6 A1C1H2	5310-934-9761	F61 F69	A1Q5H2 A2Q5H2
5310-685-3744	F54 F58 F71	C1H1 THRU C8H1, E1H2 A1C1J4 A2C1H4	5310-939-0849	F54, F55	A3MP2H4, J2H4, J3H4
5310-781-9493	F56 F66 F74	A3MP30 THRU A3MP35 A1A2MP8 THRU A1A2MP11 A2A2MP11 THRU A2A2MP14	5320-117-6814	F54 F66 F74	MP2H2 A1A2MP4H2 THRU A1A2MP7H2 A2A2MP7H2 THRU A2A2MP10H2
5310-801-4420	F61 F73	A1Q5H2 A2Q5H2	5320-117-6939	F56	A3MP13H2, A3MP28H2, A3MP30H2 THRU A3MP35H2, A3MP36H2 THRU A3MP43H2 A1A2MP8H2 THRU A1A2MP11H2 A2A2MP11H2 THRU A2A2MP14H2
5310-803-4494	F55	A3MP11, A3MP21 THRU A3MP23		F66 F74	
5310-810-6871	F54, F55	A3MP2H4, J2H4, J3H4	5320-117-7287	F57	A3MP6H4
5310-812-4292	F57 F61, F59 F69	CR1H1 THRU CR4H1, MP1H2, MP3H4, T1H4 A1C42H1, A1CR3H1, A1L1H4 A2CR1H1, A2CR3H1, A2L1H4	5320-242-1580	F55	A3MP6H6
5310-812-4294	F61, F59 F67	A1R13H2 A2R15H2	5320-619-4028	F57	A3A1X1H2
5310-813-3232		T1H4	5320-637-5422	F57	MP2H2
5310-813-3233	F54, F57 F58, F63 F63, F65 F71, F73	C1H1 THRU C8H1, E1H1 A1C1H4, A1MP5H1 THRU A1MP7H1, A1MP8H1, A1MP10H1, A1Z1H1 A2C1H4, A2MP3H1 THRU A2MP6H1, A2MP8H1, A2Z1H1	5320-641-9476	F55	A3MP6H4
5310-816-1879	F56, F57 F61, F65 F73, F72	A3MP16H1, A3MP17H1, A3MP44, A3MP45, CR1H1 THRU CR4H1 A1CR2H1, A1CR3H1, A1L1H4 A2CR1H1, A2CR3H1, A2L1H4	5320-721-5277	F55 F62 F70	A3MP12H12 A1A2A1MP7H2, A1A2A1MP16H2, A1A2A1MP17H2, A1A2A1MP18H2 A2A2A1MP6H2 THRU A2A2A1MP9H2
5310-819-2624	F56	A3MP36 THRU A3MP43	5320-721-8973	F62	A1A2A1MP6H2, A1A2A1MP13H2, A1A2A1MP14H2, A1A2A1MP15H2 A2A2A1MP2H2 THRU A2A2A1MP5H2
5310-820-7014	F54 F64, F63 F74, F72	J1H4, J4H4, J5H4, A1P3H4, A1R10H2 A2M1H3, A2P2H4	5320-754-0992	F55	A3MP6H6
5310-837-1381	F54 F61 F67, F69	C1H1 THRU C8H1, E1H1 A1C1H4, A1Z1H1 A2C1H4, A2Z1H1	5325-276-6007	F57	A3MP5
			5325-282-0629	F56	A3MP13, A3MP28
			5325-290-3972	F63	A1A3MP1 THRU A1A3MP4 A2A3MP1 THRU A2A3MP4
			5325-842-8276	F63	A1A3MP1H1 THRU A1A3MP4H1 A2A3MP1H1 THRU A2A3MP4H1

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION
 (Continued)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5340-141-6944	F58	W1MP6, W2MP9, W3MP12	5905-185-8570		A2A1R4
5340-200-3036	F65	A1MP10	5905-190-8889	F76, F 75	A2A1R2, A2A1R12 THRU A2A1R14 A1A1R2, A1A1R4
5340-205-6135	F63	A1MP5 THRU A1MP7	5905-195-6806	F76 F75 F76	A2A1R8 A1A1R8
5340-334-3228	F55	A3MP6, A3MP19	5905-279-1745	F76	A1A1R14
5340-370-3985	F55	A3MP2, A3MP15 THRU A3MP17	5905-299-2053	F75 F76	A2A1R1 A1A1R1
5340-550-5083	F63	A1MP9	5905-400-4601	F76	A1A1R14
5340-597-3302	F56	A3MP16H1, A3MP17H1	5905-728-4199	F75	A2A1R13
5340-606-1906	F54 F63 F73	MP4, MP5 A1MP8 A2MP3 THRU A2MP6	5905-824-3125		A2R18
5340-660-2126	F58	W1MP7	5905-851-5172	F59	A1R10
5340-663-2125	F58	W2MP10, W3MP13	5905-878-7275	F59	A1R13
5340-800-7874	F55	A3MP2H1, A3MP15H1	5905-879-3635	F75	A2A1R3
			5905-879-3635	F76	A1A1R3
5340-820-4535	F58	W1MP1, W2MP4, W3MP7	5905-892-0260	F67	A2R15
			5905-892-0360	F75 F76	A2A1R5 A1A1R5
5340-898-9682	F72	A2MP7 THRU A2MP9	5905-901-7369	F59 F67	A1R15 A2R16
5340-926-5471	F60 F72	A1S1H1 A2S1H1	5905-948-0226	F75	A2A1R10, A2A1R11
5340-946-9440	F58 F67	A1C2H2 A2C2H2	5905-975-1135	F75 F76	A2A1R7 A1A1R7
5340-999-4963	F59 F67	A1A2MP2 A2A2MP2	5905-988-0144	F75	A2A1R6, A2A1R9
5340-999-4964	F55	A3MP2, A3MP20	5910-577-1348	F54	C1 THRU C8
5340-999-4965	F55	A3MP6, A3MP19	5910-901-9465	F76	A1A1C5
5355-556-0145	F67	A2DS2	5910-936-1521	F75 F76	A2A1C4 A1A1C4
5355-579-6390	F60	A1DS2	5910-999-4172	F58 F67	A1C1 A2C1
5820-942-0821	F54		5910-999-9587	F58 F67	A1C2 A2C2
5820-999-4746	F75	A2A1TB1	5920-012-0157	F68	A2F1
5905-061-0739	F61 F69	A1R16 A2R17	5920-133-5400	F61	A1Z1
5905-062-2939	F60	A1R11	5920-280-4960	F68	A2F2
5905-078-7774	F76	A1A1R6	5920-284-6797	F57	A3A1X1
5905-088-3102	F76	A1A1R9	5920-548-3126	F60	A1F1, A1F2
5905-104-8348	F76	A1A1R12	5920-556-0144	F60 F68	A1XF1, A1XF2 A2XF1 THRU A2XF4
5905-106-1247	F75 F76	A2A1R1 A1A1R1	5920-557-2647	F68	A2F3
5905-106-9344	F75 F76	A2A1R2, A2A1R12, A2A1R14 A1A1R2, A1A1R4	5920-557-5033	F68	A2F4
5905-110-0196	F75 F76	A2A1R8 A1A1R8	5920-944-8771	F69	A2Z1
5905-111-8372	F75 F76	A2A1R5 A1A1R5	5930-577-2523	F68	A2S1
5905-141-0591	F75	A2A1R4	5930-655-1575	F60	A1S1
			5930-864-6268	F68	A2S2

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION
 (Continued)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5935-258-0598	F58	W4P1	5961-442-9494	F61 F69	A1Q5 A2Q5
5935-259-1084	F58	W1P2	5961-752-6121	F75 F76	A2A1CR5 A1A1CR6
5935-557-1009	F68 F72	A2J1 A2P2	5961-811-5799	F54 F61 F69	CR1 THRU CR4 A1CR3 A2CR1
5935-642-4237	F58	W3P2	5961-842-9864	F75 F76	A2A1CR2 A1A1CR1
5935-725-1345	F54	J5	5961-855-1551	F75 F76	A2A1Q3, A2A1Q4 A1A1Q3, A1A1Q4
5935-729-8479	F54	J1	5961-935-0138	F54	CR1 THRU CR4
5935-811-8592	F60 F64	A1J1 A1P3	5961-935-4912	F59 F69	A1CR2 A2CR3
5935-843-7362	F58	W2P2	5961-978-7660	F75 F76	A2A1CR4 A1A1CR4, A1A1CR5
5935-856-7980	F58	W5P1	5961-995-8625	F61 F69 F75 F76	A1Q1 A2Q1 A2A1Q2 A1A1Q1
5935-879-7402	F58	W1P1, W2P1, W3P1	5970-497-9942	F61 F64	A1CR2H1, A1CR3H1 A2CR1H1, A2CR3H1
5935-943-6910	F54	J4	5970-497-9943	F57 F61 F69	CR1H1 THRU CR4H1 A1CR2H1, A1CR3H1 A2CR1H1, A2CR3H1
5935-945-6384	F54	J2	5970-846-7471	F59 F67	A1R15H2 A2R16H2
5935-946-0079	F54	J3	5970-891-1484	F61 F69	A1Q5H2 A2Q5H2
5940-204-8350	F58	W4E1, W4E2	5970-912-2183	F61 F69	A1Q5H1 A2Q5H1
5940-220-9775	F58	W5E1, W5E2	5970-947-1815	F57 F75 F76	CR1H1 THRU CR4H1 A2A1E1 THRU A2A1E3 A1A1E1 THRU A1A1E3
5940-283-5280	F60 F68 F72	A1S1H4 A2S1H8 A2S1H3	5995-945-1881	F58	W5
5940-473-5595	F58 F67	A1C2H2 A2C2H2	5995-945-1882	F58	W4
5940-503-9995	F68 F72	A2S1H3 A2S1H8	5995-945-1900	F58	W3
5940-557-1627	F54	C1H2, C5H2	5995-945-1922	F58	W2
5940-557-1629	F54	C7H1, E1 THRU E15	5995-945-1936	F58	W1
5940-557-4398	F60 F64 F68 F72	A1J1H1 A1P3H1 A2J1H1 A2P2H1	6210-682-9833	F60 F68	A1XDS1 A2XDS1
5940-577-3711	F58 F63, F67	A1C1H2, A1C2H2 A2C1H2, A2C2H2	6240-155-7836	F60 F68	A1DS1 A2DS1
5940-644-8713	F67	A2C1H1	6625-930-0266	F68	A2M1
5940-660-3631	F54 F68	C2H2, C6H2 A2M1H2	9330-714-4600	F62 F66 F70 F74	A1A2A1MP5 A1A2MP3 A2A2A1MP1 A2A2MP6
5940-827-2653	F61 F69	A1Q5H1 A2Q5H1			
5940-849-8394	F57 F61 F69	CR1H1 THRU CR4H1 A1CR2H1, A1CR3H1 A2CR1H1, A2CR3H1			
5950-944-9884	F54	T1			
5950-944-9885	F61 F69	A1L1 A2L1			
5961-067-5691	F61 F69	A1MP3 A2MP11			

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
AN3420-10	81349	F58	W1MP7, W2MP10, W3MP13	BPR330	05046	F59 F67	A1A2MP2 A2A2MP2
AN3420-6	81349	F58	W1MP1, W2MP4, W3MP7	CA37KFW103	81349	F54	C1 THRU C8
AN3420-8	81349	F58	W1MP6, W2MP9, W3MP12	CLS632-3	46384	F55	A3MP11, A3MP21 THRU A3MP23
AN4-6A	81349	F57	T1H4	CO-02MGF-16 0335	81349	F58	W1W1
AN507C440-6	81349	F59	A1R10H2 A2R18H2	CO-02MGF2-16 0335	81349	F58	W4W1
AN507C632-3	81349	F58 F67	A1C2H2 A2C2H2	CO-02MGF2-18 03100	81349	F58	W5W1
AN960C10	81349	F57	CR1H1 THRU CR4H1, MP1H2, MP3H8, T1H4	CO-03MGF3-18 0340	81349	F58	W2W1, W3W1
AN960C10L	81349	F54 F56 F61 F69	A3MP1H1, A3MP14H1, A3MP16H1, A3MP17H1, A3MP47, A3MP48, CR1H1 THRU CR4H1 A1CR2H1, A1CR3H1, A1L1H8 A1L1H4 A2CR1H1, A2CR3H1, A2L1H4	CSR13C475KL	81349	F70	A2A1C4 CSR13C475KL
AN960C4	81349	F54	A3MP2H4, J1H4, J4H4, J5H4	CS13BG106K	81349	F76	A1A1C5
AN960C4L	81349	F55 F63F61 F67F69 F72	A3MP2H4 A1A1H4, A1E1H7 A2A1H2, A2A1H4 A2M1H3	C3M	06229	F67	A1C2H2 A2C2H2
AN960C416L	81349	F57	T1H8	DPXAF13-33S	71468	F54	J3
AN960C516	81349	F63 F71	A1MP4H2 A2MP10H2	DPXAF26-33S	71468	F54	J2
AN960C6	81349	F57	A3A1H6	E30108	80008	F54	T1
AN960C6L	81349	F57	A3A1H6 A1C1H2	FHN20G	81349	F60 F68	A1XF1, A1XF2 A2XF1, A2XF4
AN960C616L	81349	F64	A1R11H1 A2S2H1	FHS832-8	46384	F62	A1A2A1MP19 THRU A1A2A1MP22 A1A2MP14 THRU A1A2MP17 A2A2A1MP10 THRU A2A2A1MP13 A2A2MP15 THRU A2A2MP18
AN960C8	81349	F54 F58 F71	C1H1 THRU C8H1, E1H2 A1C1H4 A2C1H4	F02A250V2A	81349	F68	A2F2
AN960C8L	81349	F54 F67	C1H2 THRU C8H2, E1H2 A2C1H4	F02A250V4A	81349	F68	A2F3
A167	86928	F59 F67	A1R15H2 A2R16H2	F02A250V6A	81349	F60	A1F1, A1F2
A199-3	86928	F60 F72	A1S1H1 A2S1H1	F02A32V15A	81349	F68	A2F1
A361-3	86928	F57 F61 F69	CR1H1 THRU CR4H1 A1CR2H1, A1CR3H1 A2CR1H1, A2CR3H1	F03A250V8A	81349	F68	A2F4
A362-29	86928	F57	CR1H1 THRU CR4H1	G51HC	03296	F62 F66 F70 F74	A1A2A1MP5 A1A2MP3 A2A2A1MP1 A2A2MP6
A362-30	86928	F61 F69	A1CR2H1, A1CR3H1 A2CR1H1, A2CR3H1	JAN1N1202	81349	F54 F61 F69	CR1 THRU CR4 A1CR3 A2CR1
A368-23	86928	F57 F61 F69	CR1H1 THRU CR4H1 A1CR2H1, A1CR3H1 A2CR1H1, A2CR3H1	JAN1N1202A	81349	F57	CR1 THRU CR4
				JANIN3890	81349	F59 F69	A1CR2 A2CR3
				JANIN540	81349	F75 F76	A2A1CR4 A1A1CR4, A1A1CR5
				JANIN753A	81349	F76	A2A1CR5 A1A1CR6
				JANIN914	81349	F75 F76	A2A1CR2 A1A1CR1
				JAN2N1132	81349	F75 F76	A2A1Q3, A2A1Q4 A1A1Q3, A1A1Q4

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
JAN2N1482	81349	F 61 F 69	A1Q1 A2Q1	MS21075L06	96906	F 56	A3MP30 THRU A3MP35
JAN2N697	81349	F 75 F 76	A2A1Q2 A1A1Q2			F 66 F 74	A1A2MP8 THRU A1A2MP11 A2A2MP11 THRU A2A2MP14
MF19351-04	75237	F 62	A1A2A1MP6, A1A2A1MP13, A1A2A1MP14, A1A2A1MP15 A1A2MP4 THRU A1A2MP7	MS21083C04	96906	F 54, F 54 F 54	A3MP2H4, J2H4, J3H4
		F 70	A2A2A1MP2 THRU A2A2A1MP5	MS21208F1-15	96906	F 56	A3MP16H1, A3MP17H1
		F 74	A2A2MP7 THRU A2A2MP10	MS21209F1-15	96906	F 55	A3MP2H1, A3MP15H1
MS15795-303	96906	F 60, F 59 F 68	A1J1H7, A1R10H2 A2J1H7, A2R18H2	MS24663	96906	F 58	W2P2
MS15795-803	96906	F 63, F 64 F 61, F 72	A1A1H4, A1P3H7, A1R10H2 A2A1H4, A2P2H7	MS24693C23	96906	F 71	A1C2H2 A2C2H2
MS15795-807	96906	F 65	A1MP1H1, A1MP5H1 THRU A1MP7H1, A1MP10H2, A1Z1H1 A2MP3H1 THRU A2MP6H1, A2MP8H1	MS24693C273	96906	F 57	MP1H2
MS20257-5	96906	F 57	A3A1MP2	MS24693C4	96906	F 63	A1R10H2
MS20426AD3-5	96906	F 56	A3MP13H2, A3MP28H2, A3MP30H2, THRU A3MP43H2, A1A2MP8H2 THRU A1A2MP11H2 A2A2MP11H2 THRU A2A2MP14H2	MS24693C50	96906	F 63 F 73	A1MP5H1 THRU A1MP7H1, A1MP8H1 A2MP3H1 THRU A2MP6H1
MS20426AD6-7	96906	F 54	A3MP6H4	MS25036-1	96906	F 68 F 72	A2S1H3 A2S1H8
MS20426A2-5	96906	F 55 F 62	A3MP12H12 A1A2A1MP7H2, A1A2A1MP16H2, A1A2A1MP18H2, A2A2A1MP6H2 THRU A2A2A1MP9H2	MS25036-3	96906	F 58 F 67	A1C1H2, A1C2H2 A2C1H2, A2C2H2
MS20426A4-5	96906	F 57	A3A1X1H2	MS25036-48	96906	F 60 F 64 F 68 F 72 F 54	A1J1H1 A1P3H1 A2J1H1 A2P2H1 C7H1, E1 THRU E15
MS20426A6-7	96906	F 55	A3MP6H4	MS25036-49	96906	F 54	C2H2 C6H2
MS20470AD3-3	96906	F 66 F 66 F 74	MP2H2 A1A2MP4H2 THRU A1A2MP6H2 A2A2MP7H2 THRU A2A2MP10H2	MS25036-50	96906	F 54 F 68	C2H2 C6H2
MS20470AD6-7	96906	F 55	A3MP6H6	MS25036-53	96906	F 54	C1H2, C5H2
MS20470A3-3	96906	F 62	A1A2A1MP6H2, A1A2A1MP13H2, A1A2A1MP14H2, A1A2A1MP15H2 A2A2A1MP2H2 THRU A2A2A1MP5H2	MS25036-6	96906	F 60 F 68 F 72	A1S1H4 A2S1H8 A2S1H3
MS20470A3-4	96906	F 54	MP2H2	MS25036-8	96906	F 67	A2C1H1
MS20470A6-6	96906	F 55	A3MP6H6	MS25068-24	96906	F 68	A2S1
MS21045-C3	96906	F 55	A3MP1H1, A3MP14H1	MS25256-6	96906	F 60 F 68	A1XDS1 A2XDS1
				MS25237-327	96906	F 60 F 68	A1DS1 A2DS1
				MS3102R12S3S	96906	F 54	J5
				MS3102R22-5P	96906	F 54	J1
				MS3108R12S3P	96906	F 58	W5P1
				MS3108R22-5S	96906	F 58	W1P1, W2P1, W3P1
				MS35059-22	96906	F 60	A1S1
				MS35200-29	96906	F 55	A3MP1H2
				MS35207-264	96906	F 56	A3MP45, A3MP46
				MS35207-265	96906	F 57	MP3H4, T1H4

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF DESIGNATION
MS35216-43	96906	F65 F73	A1MP10H1 A2MP8H1	MS77068-2	96906	F61 F69	A1Q5H1 A2Q5H1
MS35226-63	96906	F61, F69	A1L1H4, A2L1H4	MS91528-1K2B	96906	F67	A2D52
MS35233-14	96906	F61 F69	A1E1H7 A2E1H7	MS91528-2F2B	96906	F60	A1D52
MS35233-15	96906	F54 F63 F65	J4H4 A1A1H4, A1J1H4 A2A1H4, A2J1H4	NAS1068C06M	80205	F62	A3MP12, A3MP24 THRU A3MP28 A1A2A1MP7, A1A2A1MP16, A1A2A1MP17, A1A2A1MP18 A2A2A1MP6 THRU A2A2A1MP9
MS35233-16	96906	F64 F72	A1P3H4 A2P2H4			F70	
MS35233-17	96906	F54	A3MP2H4, J1H4, J5H4	NAS1068C3M	80205	F56	A3MP36 THRU A3MP43
MS35233-29	96906	F57 F59 F63 F67 F71	A3A1H6 A1A2A2H4 A1A3H4 A2A2MP3H4 A2A3H4	NAS1081C08D4	80205	F63	A1D52H2
MS35233-4	96906	F59 F67	A1R13H2 A2R15H2	NAS620C2	80205	F59 F67	A1R13H2 A2R15H2
MS35233-46	96906	F55, F54	A3MP2H4, C1H1 THRU C8H1, E1H1	NAS620C6L	80205	F61 F63 F69 F71	A1Q5H4 A1A3H4 A2Q5H4 A2A3H4
MS35333-69	96906	F59 F67	A1R13H2 A2R15H2	NAS671C10	80205	F57	CR1H1 THRU CR4H1, MP1H2, MP3H4, T1H4 A1CR2H1, A1CR3H1, A1L1H4 A2CR1H1, A2CR3H1, A2L1H4
MS35333-70	96906	F59, F61 F61 F69, F68 F73, F72	J1H4, J4H4, J5H4 A1E1H7 A2E1H4, A2J1H4 A2E1H7, A2P2H4	NAS671C2	80205	F59 F67	A1R13H2 A2R15H2
MS35333-71	96906	F55 F61 F69	A3MP1H2 A1Q5H2 A2Q5H2	NAS671C4	80205	F54 F59 F68	J1H4, J4H4, J5H4 A1J1H4, A1R10H2 A2J1H4, A2R18H2
MS35333-72	96906	F54 F58, F61 F67, F69	C1H1 THRU C8H1, E1H2 A1C1H4, A1Z1H1 A2C1H4, A2Z1H1	NAS671C6	80205	F55	A3MP1H2
MS35333-73	96906	F57 F61 F69	CR1H1 THRU CR4H1, MP1H2, MP3H4, T1H4 A1CR2H1, A1CR3H1, A1L1H4 A2CR1H1, A2CR3H1, A2E1H3, A2L1H4	NAS671C8	80205	F61 F67, F69	A1C1H4, A1Z1H1 A2C1H4, A2Z1H1
MS35338-135	96906	F60, F58	A1J1H4, A1R10H2 A2R18H2	NAS679C04M	80205	F54 F72, F74	J1H4, J4H4, J5H4, A1P3H4, A1R10H2 A2M1H3, A2P2H4
MS35338-45	96906	F63 F71	A1MP4H2 A2MP10H2	NAS679C06M	80205	F61 F73	A1Q5H2 A2Q5H2
MS35649-264	96906	F61 F69	A1Q5H2 A2Q5H2	NAS679C08M	80205	F54	C1H1 THRU C8H1, E1H1 A1C1H4, A1MP5H1 THRU A1MP6H1, A1MP8H1, A1MP10H1, A1Z1H1 A2C1H4, A2MP3H1 THRU A2MP6H1, A2MP8H1 A2Z1H1
MS51957-30	96906	F65 F73	A1Q5H2 A2Q5H2			F58 F71 F73	
MS51957-31	96906	F61 F69	A1Q5H2 A2Q5H2				
MS51958-63	96906	F55	A3MP2H1, A3MP15H1	NAS679C3M	80205	F56	A3MP16H1, A3MP17H1, CR1H1 THRU CR4H1, A1CR2H1, A1CR3H1, A1L1H4 A2CR1H1, A2CR3H1, A2L1H4
MS51958-65	96906	F55	A3MP1H1, A3MP14H1			F65 F61 F72, F73	
MS51958-68	96906	F56	A3MP16H1, A3MP17H1				
MS51959-45	96906	F59 F68	A1A2MP2H2 A2A2MP2H2	NAS679C4M	80205	F57	T1H4

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
N5	06229	F52 F67	A1C2H2 A2C2H2	RW69V821	81349	F75 F76	A2A1R7 A1A1R7
OVL P17-5-10	94412	F69	A2Z1	RW79U1001F	81349	F59 F67	A1R15 A2R16
OVL P23-10	94412	F61	A1Z1	SRRA1N13AP1	77820	F60 F64	A1J1 A1P3
PC1	81349	F58	W5E1, W5E2	SRRA1N26AP1	77820	F68 F72	A2J1 A2P2
PP-4514/PRC-74	05869			TE12273	78790	F54	T1
PP-4514A/PRC-74	80058			TE12274	78790	F61 F64	A1L1 A2L1
PR410-52	05046	F61 F69	A1Q5H2 A2Q5H2	TXSP033-047	98978	F61 F69	A1MP3 A2MP11
RCR20G101J5	81349	F75 F76	A2A1R2, A2A1R12, A2A1R14 A1A1R2, A1A1R4	X663F-100MF10PCT	84411	F75 F76	A2A1C3 A1A1C3
RCR20G102J5	81349	F75 F76	A2A1R8 A1A1R8	1-8-4	95987	F65	A1MP10
RCR20G103J5	81349	F75	A2A1R4	1N995	03877		A1A1CR7
RCR20G332J5	81349	F76	A1A1R12	10079DAP	07047	F75 F76	A2A1E1 THRU A2A1E3 A1A1E1 THRU A1A1E3
RCR32G150J5	81349	F76	A1A1R14	1020	08145	F63 F71	A1MP4 A2MP10
RCR32G221J5	81349	F75 F76	A2A1R1 A1A1R1	1065-1002	18915	F67	A1C1H2 A2C1H2
RCR32G222J5	81349	F75 F76	A2A1R5 A1A1R5	137	77969	F57	A3MP5
RC20GF101J	81349	F75 F76	A2A1R2, A2A1R12 THRU A2A1R14 A1A1R2, A1A1R4	1521	03611	F68	A2M1
RC20GF102J	81349	F75 F76	A2A1R8 A1A1R8	1541110	05869	F55	A3MP1, A3MP14
RC20GF103J	81349	F75	A2A1R4	1541111	05869	F55	A3MP2
RC20GF332J	81349	F76	A1A1R12	1541114	05869	F75 F76	A2A1TB1 A1A1TB1
RC32GF150J	81349	F76	A1A1R14	1541117	05869	F55	A3A1
RC32GF221J	81349	F75 F76	A2A1R1 A1A1R1	1541117-098	05869		A3A1MP3
RC32GF222J	81349	F75 F76	A2A1R5 A1A1R5	1541117-099	05869	F57	A3A1MP1
RE65G1000	81349	F59	A1R13	1541118	05869	F67	A2A2MP3
RE65G2000	81349	F67	A2R15	1541119	05869	F59	A1A2A2
RE70GR200	81349	F59	A1R10	1541122	05869	F54	A3
RE40G10R0	81349		A2R18	1541122-099	05869	F55	A3MP3
RLR20C681GM	81349	F75	A2A1R13	1541123	05869	F55	A3MP10
RN65C1892D	81349	F75	A2A1R10, A2A1R11	1541125-101	05869	F54	A1
RN70D1001F	81349	F75	A2A1R6, A2A1R9	1541125-102	05869	F54	A1
RN70D1151F	81349	F76	A1A1R6	1541126	05869	F55	A3A2
RN70D6810F	81349	F76	A1A1R9	1541126-092	05869	F55	A3A2MP7
RP201FD20R0KK	81349	F60	A1R11	1541126-093	05869	F55	A3A2MP8
RW67G102	81349	F75 F76	A2A1R3 A1A1R3	1541126-094	05869	F55	A3A2MP12, A3A2MP17
RW67V101	81349	F61 F69	A1R16 A2R17				

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
1541126-095	05869	F55	A3A2MP10, A3A2MP16	1598067-001	05869	F58	W1
1541126-096	05869	F55	A3A2MP6, A3A2MP13 THRU A3A2MP15	1598067-002	05869	F58	W2
1541126-097	05869	F55	A3A2MP11	1598067-003	05869	F58	W3
1541126-098	05869	F55	A3A2MP5	1598067-004	05869	F58	W4
1541126-099	05869	F55	A3A2MP9	1598067-005	05869	F58	W5
1541127	05869	F55	A3A3	1598564-001	05869	F64	A1MP2
1541127-098	05869	F55 F57	A3A3MP1, A3A3MP3	1598564-002	05869	F72	A2MP2
1541127-099	05869	F58	A3A3MP2	2-295	94222	F56	A3MP13, A3MP28
1541128-101	05869	F54	A2	2RB180	56007	F57	A3A1MP4, A3A1MP5
1541129-003	05869	F60	A1MP2	212806A1	76854	F68	A2S2
1541129-004	05869	F68	A2MP2	24A	76545	F58	W4E1, W4E2
1541131-001	05869	F58	W1	25680-7P	11139	F54	J4
1541131-002	05869	F58	W2	26-BLACK	76545	F58	W4E3
1541131-003	05869	F58	W3	26-RED	76545	F58	W4E4
1541131-004	05869	F58	W4	2600-7	71286	F63	A1A3MP1 THRU A1A3MP4 A2A3MP1 THRU A2A3MP4
1541131-005	05869	F58	W5				
1557527-001	05869	F58	W1MP2	3-16-4	95987	F72	A2MP7 THRU A2MP9
1557527-002	05869	F58	W2MP5	3-32-4	95987	F63	A1MP9
1557527-003	05869	F58	W3MP8	3-8-3	95987	F54 F63 F73	MP4, MP5 A1MP8 A2MP3 THRU A2MP6
1557527-004	05869	F58	W4MP10				
1557527-005	05869	F58	W5MP1	32D302G025AC6B	56289	F58 F67	A1C2 A2C2
1579203	05869	F55	A3MP1, A3MP2, A3MP14 THRU A3MP17	32D562G050CC6B	56289	F58 F67	A1C1 A2C1
1591819	05869	F54	MP2	357009	75915	F57	A3A1X1
1592128	05869	F58 F67	A1A2A1 A2A2A1	38416	86684	F61 F69	A1Q5 A2Q5
1592129	05869	F67	A2A2	45-C	76545	F58	W5E1, W5E2
159130	05869	F58	A1A2	47-BLACK	76545	F58	W5E3
1592131	05869	F67	A2A1	47-RED	76545	F58	W5E4
1592132	05869	F59	A1A1	5-16-3	95987	F63	A1MP5 THRU A1MP7
1592625	05869		MP1	5S3-1	71286	F63	A1A3MP1H1 THRU A1A3MP4H1 A2A3MP1H1 THRU A2A3MP4H1
1592663	05869	F54	MP3				
1598059	05869	F63 F71	A1A2 A2A2	500ID BLACK	08795	F58 F58 F58 F58	W1MP3 THRU W1MP5, W2MP6 THRU W2MP8, W3MP9 THRU W3MP11, W4MP11 THRU W4MP14, W5MP2 THRU W5MP5
1598060	05869	F63	A1A3				
1598061	05869	F63	A1A1				
1598062	05869	F71	A2A3	517875-3	23667	F55	A3MP6, A3MP19
1598063	05869	F71	A2A1	517875-3ANODIC	23667	F55	A3MP6, A3MP19
1598064	05869	F64	A3	520	79963	F57 F61 F69	CR1H1 THRU CR4H1 A1CR2H1, A1CR3H1 A2CR1H1, A2CR3H1
1598065	05869	F55	A3A2				
1598066	05869	F54	MP2				

SECTION IV INDEX-PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

(Continued)

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
54-58-306-24	56007	<i>F66</i> <i>F67</i>	A1A2MP12, A1A2MP13 A2A2MP4, A2A2MP5				
6259-1	77969	<i>F55</i>	A3MP2, A3MP15 THRU A3MP17				
7055G	74545	<i>F58</i>	W3P2				
7091	74545	<i>F58</i>	W4P1				
7092D11539N0	74545	<i>F58</i>	W1P2				
719500-001	44655	<i>F64</i>	A1R11				
722248-052	05869	<i>F61</i> <i>F69</i>	A1E1 THRU A1E7 A2E1 THRU A2E7				
732-734A	08530	<i>F61</i> <i>F69</i>	A1Q5H1 A2Q5H1				
760293-005	05869	<i>F58</i>	W5MP15, W5MP6				
79NTM40	72962	<i>F5A</i> <i>F54</i>	A3MP2H4, J2H4, J3H4				
82-32-101-17	56007		A3A1MP4H2				
995057-029	09795	<i>F75</i> <i>F76</i>	A2A1MP1 A1A1MP1				

SECTION IV INDEX-REFERENCE DESIGNATION
CROSS REFERENCE TO PAGE NUMBER

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1	C2	A1A2A1MP16	C3	A1A3MP1H1	C5
A1A1	C5	A1A2A1MP16H2	C3	A1A3MP2	C5
A1A1CR1	C6	A1A2A1MP17	C3	A1A3MP2H1	C5
A1A1CR4	C6	A1A2A1MP17H2	C3	A1A3MP3	C5
A1A1CR5	C6	A1A2A1MP18	C3	A1A3MP3H1	C5
A1A1A1CR6	C6	A1A2A1MP18H2	C3	A1A3MP4	C5
A1A1CR7	C6	A1A2A1MP19	C3	A1A3MP4H1	C5
A1A1C3	C6	A1A2A1MP20	C3	A1CR2	C7
A1A1C4	C6	A1A2A1MP21	C3	A1CR2H1	C7
A1A1C5	C6	A1A2A1MP22	C3	A1CR2H1	C8
A1A1E1	C6	A1A2A2	C3	A1CR3	C8
A1A1H4	C5	A1A2A2H4	C3	A1CR3H1	C8
A1A1MP1	C6	A1A2MP2	C3	A1C1	C2
A1A1Q1	C6	A1A2MP2H2	C3	A1C1H2	C2
A1A1Q3	C6	A1A2MP3	C3	A1C1H4	C2
A1A1Q4	C6	A1A2MP4	C3	A1C2	C2
A1A1R1	C6	A1A2MP4H2	C3	A1C2H2	C2
A1A1R2	C6	A1A2MP5	C3	A1DS1	C7
A1A1R3	C6	A1A2MP5H2	C3	A1DS2	C4
A1A1R4	C6	A1A2MP6	C3	A1DS2H2	C4
A1A1R5	C6	A1A2MP6H2	C3	A1E1	C8
A1A1R6	C6	A1A2MP7	C3	A1E1H7	C8
A1A1R7	C6	A1A2MP7H2	C3	A1F1	C4
A1A1R8	C6	A1A2MP8	C3	A1F2	C4
A1A1R9	C6	A1A2MP8H2	C3	A1J1	C3
A1A1R12	C6	A1A2MP9	C3	A1J1H1	C4
A1A1R14	C6	A1A2MP9H2	C3	A1J1H4	C3
A1A1TB1	C5	A1A2MP10	C3	A1J1H4	C4
A1A2	C2	A1A2MP10H2	C3	A1J1H7	C4
A1A2A1	C2	A1A2MP11	C3	A1L1	C5
A1A2A1MP6	C3	A1A2MP11H2	C3	A1L1H4	C5
A1A2A1MP6H2	C3	A1A2MP12	C3	A1L1H8	C5
A1A2A1MP7	C3	A1A2MP13	C3	A1MP1H1	C4
A1A2A1MP7H2	C3	A1A2MP14	C3	A1MP2	C5
A1A2A1MP13	C3	A1A2MP15	C3	A1MP2	C4
A1A2A1MP13H2	C3	A1A2MP16	C3	A1MP4	C4
A1A2A1MP14	C3	A1A2MP17	C3	A1MP4H2	C4
A1A2A1MP14H2	C3	A1A3	C5	A1MP5	C4
A1A2A1MP15	C3	A1A3H4	C5	A1MP5H1	C4
A1A2A1MP15H2	C3	A1A3MP1	C5	A1MP6	C4

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1MP6H1	C4	A2A1C3	C18	A2A2A1MP7H2	C15
A1MP7	C4	A2A1C4	C18	A2A2A1MP8	C15
A1MP7H1	C4	A2A1E1	C18	A2A2A1MP8H2	C15
A1MP8	C4	A2A1E2	C18	A2A2A1MP9	C15
A1MP8 H1	C4	A2A1E3	C18	A2A2A1MP9H2	C15
A1MP9	C4	A2A1H2	C19	A2A2A1MP10	C15
A1MP10	C4	A2A1H4	C18	A2A2A1MP11	C15
A1MP10H1	C4	A2A1MP1	C19	A2A2A1MP12	C15
A1MP10H2	C4	A2A1Q2	C19	A2A2A1MP13	C15
A1P3	C4	A2A1Q3	C19	A2A2MP2	C16
A1P3H1	C4	A2A1Q4	C19	A2A2MP2H2	C16
A1P3H4	C3	A2A1R1	C18	A2A2MP3	C16
A1P3H7	C4	A2A1R2	C18	A2A2MP3H4	C16
A1Q1	C9	A2A1R3	C19	A2A2MP4	C16
A1Q5	C8	A2A1R4	C18	A2A2MP5	C16
A1Q5H1	C8	A2A1R5	C18	A2A2MP6	C16
A1Q5H2	C8	A2A1R6	C19	A2A2MP7	C16
A1Q5H4	C8	A2A1R7	C19	A2A2MP7H2	C16
A1R10	C7	A2A1R8	C18	A2A2MP8	C16
A1R10H2	C7	A2A1R9	C19	A2A2MP8H2	C16
A1R11	C7	A2A1R10	C19	A2A2MP9	C16
A1R11H1	C7	A2A1R11	C19	A2A2MP9H2	C16
A1R13	C7	A2A1R12	C18	A2A2MP10	C16
A1R13H2	C7	A2A1R13	C18	A2A2MP10H2	C16
A1R15	C7	A2A1R14	C18	A2A2MP11	C16
A1R15H2	C7	A2A1TB1	C18	A2A2MP11H2	C16
A1R16	C7	A2A2	C15	A2A2MP12	C16
A1S1	C8	A2A2A1	C15	A2A2MP12H2	C16
A1S1H1	C8	A2A2A1MP1	C15	A2A2MP13	C16
A1S1H4	C8	A2A2A1MP2	C15	A2A2MP13H2	C16
A1XDS1	C5	A2A2A1MP2H2	C15	A2A2MP14	C16
A1XF1	C4	A2A2A1MP3	C15	A2A2MP14H2	C16
A1XF2	C4	A2A2A1MP3H2	C15	A2A2MP15	C16
A1Z1	C5	A2A2A1MP4	C15	A2A2MP16	C16
A1Z1H1	C5	A2A2A1MP4H2	C15	A2A2MP17	C16
A2	C14	A2A2A1MP5	C15	A2A2MP18	C16
A2A1	C14	A2A2A1MP5H2	C15	A2A3	C17
A2A1CR2	C19	A2A2A1MP6	C15	A2A3H4	C17
A2A1CR4	C19	A2A2A1MP6H2	C15	A2A3MP1	C17
A2A1CR5	C19	A2A2A1MP7	C15	A2A3MP1H1	C17

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A2A3MP2	C17	A2MP3	C16	A2S2	C20
A2A3MP2H1	C17	A2MP3H1	C16	A2S2H1	C20
A2A3MP3	C17	A2MP4	C16	A2XDS1	C17
A2A3MP3H1	C17	A2MP4H1	C16	A2XF1	C17
A2A3MP4	C17	A2MP5	C16	A2XF2	C17
A2A3MP4H1	C17	A2MP5H1	C16	A2XF3	C17
A2CR1	C20	A2MP6	C16	A2XF4	C17
A2CR1H1	C20	A2MP6H1	C16	A2Z1	C17
A2CR3	C20	A2MP7	C17	A2Z1H1	C17
A2CR3H1	C20	A2MP8	C17	A2Z1H1	C18
A2C1	C15	A2MP8H1	C17	A3	C12
A2C1H1	C15	A2MP9	C17	A3A1	C12
A2C1H2	C15	A2MP10	C17	A3A1H6	C12
A2C1H4	C15	A2MP10H2	C17	A3A1H6	C13
A2C2	C15	A2MP11	C17	A3A1MP1	C13
A2C2H2	C15	A2M1	C21	A3A1MP2	C13
A2DS1	C17	A2M1H2	C21	A3A1MP3	C13
A2DS2	C17	A2M1H3	C21	A3A1MP4	C13
A2E1	C19	A2P2	C16	A3A1MP4H2	C13
A2E1H3	C19	A2P2H1	C16	A3A1X1	C13
A2E1H4	C19	A2P2H4	C16	A3A1X1H2	C13
A2E1H7	C19	A2P2H7	C16	A3A2	C13
A2E2	C19	A2Q1	C21	A3A2MP5	C13
A2E3	C19	A2Q5	C21	A3A2MP6	C13
A2E4	C19	A2Q5H1	C21	A3A2MP7	C13
A2E5	C19	A2Q5H2	C21	A3A2MP8	C14
A2E6	C19	A2Q5H4	C21	A3A2MP9	C14
A2E7	C19	A2R15	C19	A3A2MP10	C14
A2F1	C17	A2R15H2	C19	A3A2MP11	C14
A2F2	C17	A2R16	C19	A3A2MP12	C14
A2F3	C17	A2R16H2	C19	A3A2MP13	C13
A2F4	C17	A2R17	C19	A3A2MP14	C13
A2J1	C16	A2R18	C19	A3A2MP15	C13
A2J1H1	C16	A2R18H2	C19	A3A2MP16	C13
A2J1H4	C18	A2S1	C20	A3A2MP17	C13
A2J1H7	C16	A2S1H1	C21	A3A3	C14
A2L1	C18	A2S1H3	C20	A3A3MP1	C14
A2L1H4	C18	A2S1H8	C20	A3A3MP2	C14
A2MP2	C17	A2S1H8	C21		

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A3A3MP3	C14	A3MP30	C14	CR4H1	C21
A3MP1	C17	A3MP30H2	C14	C1	C10
A3MP1H1	C17	A3MP31	C14	C1H1	C10
A3MP1H2	C17	A3MP31H2	C14	C1H1	C11
A3MP2	C17	A3MP32	C14	C1H2	C11
A3MP2	C13	A3MP32H2	C14	C2	C10
A3MP2H1	C17	A3MP33	C14	C2H1	C10
A3MP2H4	C17	A3MP33H2	C14	C2H1	C11
A3MP2H4	C13	A3MP34	C14	C2H2	C11
A3MP3	C12	A3MP34H2	C14	C3	C10
A3MP5	C13	A3MP35	C14	C3H1	C10
A3MP6	C13	A3MP35H2	C14	C3H1	C11
A3MP6H4	C13	A3MP36	C14	C3H2	C11
A3MP6H6	C13	A3MP36H2	C14	C4	C10
A3MP10	C14	A3MP37	C14	C4H1	C10
A3MP11	C14	A3MP37H2	C14	C4H1	C11
A3MP12	C14	A3MP38	C14	C4H2	C11
A3MP12H2	C14	A3MP38H2	C14	C5	C10
A3MP13	C14	A3MP39	C14	C5H1	C10
A3MP13H2	C14	A3MP39H2	C14	C5H1	C11
A3MP14	C12	A3MP40	C14	C5H2	C11
A3MP14H1	C17	A3MP40H2	C14	C6	C10
A3MP15	C12	A3MP41	C14	C6H1	C10
A3MP15H1	C12	A3MP41H2	C14	C6H1	C11
A3MP16	C12	A3MP42	C14	C6H2	C11
A3MP16H1	C12	A3MP42H2	C14	C7	C10
A3MP17	C12	A3MP43	C14	C7H1	C10
A3MP17H1	C12	A3MP43H2	C14	C7H1	C11
A3MP18	C12	A3MP44	C14	C7H2	C11
A3MP19	C13	A3MP45	C14	C8	C10
A3MP20	C13	A3MP46	C14	C8H1	C10
A3MP21	C14	A3MP47	C14	C8H1	C11
A3MP22	C14	A3MP48	C14	C8H2	C11
A3MP23	C14	CR1	C21	E1	C22
A3MP24	C14	CR1H1	C21	E1H1	C22
A3MP25	C14	CR2	C21	E1H2	C22
A3MP26	C14	CR2H1	C21	E2	C22
A3MP27	C14	CR3	C21	E3	C22
A3MP28	C14	CR3H1	C21	E4	C22
A3MP28H2	C14	CR4	C21	E5	C22

SECTION IV INDEX-REFERENCE DESIGNATION

CROSS REFERENCE TO PAGE NUMBER

(Continued)

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
E6	C22	W1P2	C9	W5E4	C10
E7	C22	W1W1	C9	W5MP1	C10
E8	C22	W2	C9	W5MP2	C10
E9	C22	W2MP4	C9	W5MP3	C10
E10	C22	W2MP5	C9	W5MP4	C10
E11	C22	W2MP6	C9	W5MP5	C10
E12	C22	W2MP7	C9	W5MP6	C10
E13	C22	W2MP8	C9	W5P1	C10
E14	C22	W2MP9	C9	W5W1	C10
E15	C22	W2MP10	C9		
J1	C11	W2P1	C9		
J1H4	C11	W2P2	C9		
J2	C11	W2W1	C9		
J2H4	C11	W3	C9		
J3	C11	W3MP8	C10		
J3H4	C11	W3MP9	C10		
J4	C11	W3MP10	C10		
J4H4	C11	W3MP11	C10		
J5	C11	W3MP12	C10		
J5H4	C12	W3MP13	C10		
MP1H2	C2	W3P1	C10		
MP2	C14	W3P2	C10		
MP2H2	C14	W3W1	C10		
MP3	C22	W4	C10		
MP3H4	C22	W4E1	C10		
MP3H8	C22	W4E2	C10		
MP4	C12	W4E3	C10		
MP5	C12	W4E4	C10		
T1	C22	W4MP10	C10		
T1H4	C22	W4MP11	C10		
T1H8	C22	W4MP12	C10		
W1	C9	W4MP13	C10		
W1MP1	C9	W4MP14	C10		
W1MP2	C9	W4MP15	C10		
W1MP3	C9	W4P1	C10		
W1MP4	C9	W4W1	C10		
W1P1	C9	W5	C10		
W1P2	C9	W5E1	C10		
W1P3	C9	W5E2	C10		
W1P4	C9	W5E3	C10		

APPENDIX D

DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR BATTERY CASES CY-6314/PRC-74 AND CY-6314A/PRC-74

Section I. INTRODUCTION

D-1. Scope

This manual lists repair parts required for the performance of direct support, general support, and depot maintenance of the CY-6314/PRC-74 and CY-6314A/PRC-74.

D-2. General

See paragraph B-2.

D-3. Explanation of Columns

See paragraph B3.

D-4. Special Information

See paragraph B4.

D-5. How to Locate Repair Parts

See paragraph B5.

D-6. Federal Supply Code for Manufacturers

See paragraph B6.

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(1) SMR CODE-	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS USABLE ON CODE	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTG CY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
A001	5820-935-0382	BATTERY CASE ASSEMBLY CY-6314/PRC-74 (05869)	EA	1									F77	
A001A	6135-156-3934	BATTERY CASE ASSEMBLY CY-6314A/PRC-74 (80058)	EA	1									F77	
A--F--S A002M	5820-130-9317	BASE ASSEMBLY, BATTERY CASE 1559611 (05869)	EA	1									F77	A1
A--F--S A002A		BASE ASSEMBLY, BATTERY CASE 1596205 (05869)	EA	1									F77	A1
M--D-- A006M		BASE, CASTING BATTERY CASE 1559612 (05869)	EA	1									F78	A1MP1
M--D-- A006A		BASE, CASTING BATTERY CASE 1559206 (05869)	EA	1									F78	A1MP1
P--F-- A007M	5340-878-6197	HOOK, LATCH 1558219 (05869)	EA	2	**	**	2	**	**	2	8	10	F78	A1MP2 A1MP3
P--F-- A008A		HOOK, LATCH 1596422 (05869)	EA	2	**	**	2	**	**	2	8	10	F78	A1MP2 A1MP3
P--F-- A009M	5340-815-4930	INSERT, SCREW THREADED MS21209C0615 (96906)	EA	4	**	2	2	**	2	2	12	50	F78	A1MP2H4
P--F-- A010M		SCREW, MACHINE NAS1635-06-8 (80205)	EA	4	**	2	2	**	2	2	12	60	F78	A1MP2H4
P--F-- A010A	5305-054-6652	SCREW, MACHINE MS51957-28 (96906)	EA	4	**	2	2	**	2	2	12	60	F78	A1MP2H4
P--F-- A010B	5340-558-8826	INSERT, SCREW THREADED MS21209C0620 (96906)	EA	3	**	2	2	**	2	2	12	50	F78	A1MP4 THRU A1MP6
P--F-- A010F	5340-597-3302	INSERT, SCREW THREADED MS21208F1-15 (96906)	EA	4	**	2	2	**	2	2	12	60	F78	A1MP7 THRU A1MP10
M--D-- A011A		NAMEPLATE, BATTERY BOX 1591818 (05869)	EA	1									F78	A1MP11
M--D-- A011B		NAMEPLATE, BATTERY BOX 1596562 (05869)	EA	1									F78	A1MP11
P--F-- A012M	5305-175-3227	SCREW, DRIVE AN535-0-3 (81349)	EA	2	**	2	2	**	2	2	12	30	F78	A1MP11H2
M--D-- A013M		ROD, RETAINING, BATTERY 1558218 (05869)	EA	4									F78	A1MP12 THRU A1MP15
P--C-- A019A	5995-476-9571	CABLE ASSY, SPEC PUR, ELEC 390032-12 (73293)	EA	1	**	2	2	**	2	2	12	20	F81	W1
P--F-- A019B	5305-115-6128	BOLT, MACHINE MS21097-04002 (96906)	EA	2	**	**	2	**	**	2	8	24	F81	W1H2
P--F-- A019C	5310-723-9676	WASHER, FLAT NAS620C4L (80205)	EA	2	**	2	2	**	2	2	12	80	F81	W1H2
P--F-- A020	5935-878-7485	CONNECTOR, RECEPTACLE, ELEC 1560279 (05869)	EA	1	**	**	2	**	**	2	8	50	F79	J2
P--F-- A021	5310-734-5661	WASHER, LOCK MS35337-78 (96906)	EA	2	**	2	2	**	2	2	12	160	F79	J2H2
P--F-- A022	5310-782-1349	WASHER, FLAT AN960C4 (81349)	EA	2	**	2	2	**	2	2	12	160	F79	J2H2
P--F-- A023	5305-550-5001	SCREW, MACHINE MS35233-12 (96906)	EA	2	**	2	2	**	2	2	12	30	F79	J2H2
P--F-- A024	6135-138-8590	BASE, EPDXY GLASS SHEET 1560279-099 (05869)	EA	1	**	2	2	**	2	2	12	30	F79	J2TB1
P--F-- A025	5820-226-2683	CONTACT, BATTERY R125-8 (70892)	EA	3	**	**	2	**	**	2	8	36	F79	J2E1 THRU J2E3
P--F-- A028	5935-878-7485	CONNECTOR, RECEPTACLE ELEC SAME AS A020	EA	1	REF	REF	REF	REF	REF	REF			F79	J3

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
P--F-- A029	5310-734-5661	WASHER, LOCK SAME AS A021	EA	2	REF	REF	REF	REF	REF	REF			F79	J3H2
P--F-- A030	5310-632-6721	WASHER, FLAT SAME AS A022	EA	2	REF	REF	REF	REF	REF	REF			F79	J3H2
P--F-- A031	5305-543-2767	SCREW, MACHINE MS35233-18 (96906)	EA	2	*	2	2	*	2	2	12	30	F79	J3H2
P--F-- A032		BASE, EPOXY GLASS SHET SAME AS A024	EA	1	REF	REF	REF	REF	REF	REF			F79	J3TB2
P--F-- A033	5820-226-2683	CONTACT, BATTERY SAME AS A025	EA	3	REF	REF	REF	REF	REF	REF			F79	J3E1 THRU J3E3
P--F-- A036	5725-796-5091	CONNECTOR, RECEPTACLE, ELEC 44007-70 (11139)	EA	1	*	*	2	*	*	2	8	25	F79	J1
P--F-- A037M		SCREW, MACHINE AS261-0AY8 (08714)	EA	4	*	2	2	*	2	2	12	60	F79	J1H4
P--F-- A038M	5310-632-6721	WASHER, FLAT SAME AS A022	EA	4	*	2	2	*	2	2	12	160	F79	J1H4
P--F-- A039	5310-734-5661	WASHER, LOCK SAME AS A021	EA	4	REF	REF	REF	REF	REF	REF			F79	J1H4
P--F-- A040	5310-208-3786	NUT, PLAIN, HEXAGON NAS671C4 (80205)	EA	4	*	*	2	*	*	2	8	60	F79	J1H4
P--F-- A040A	5310-982-5000	NUT, SELF LOCKING MS21045C04 (96906)	EA	4	*	*	2	*	*	2	8	60	F79	J1H4
P--F-- A040B		CLAMP, CABLE 1596207 (05869)	EA	1	*	*	2	*	*	*	8	15	F79	MP1
P--F-- A040C	5305-115-6128	BOLT, MACHINE SAME AS A019B	EA	2	REF	REF	REF	REF	REF	REF			F79	MP1H2
P--F-- A040E	5310-723-9676	WASHER, FLAT SAME AS A019C	EA	2	REF	REF	REF	REF	REF	REF			F79	MP1H2
M--D-- A041M	5820-130-9324	COVER ASSEMBLY, BATTERY 1558221 (05869)	EA	1									F77	A2
A--F--S A041A		COVER ASSEMBLY, BATTERY 1596421 (05869)	EA	1									F77	A2
M--D-- A042M		COVER 1558221-099 (05869)	EA	1									F82	A2MP1
P--F-- A043A		LATCH, THUMB 1598626 (05869)	EA	2	*	*	2	*	*	2	8	10	F82	A2MP2 A2MP3
P--F-- A043B		LATCH, ADJUSTABLE TENSION 51L83-1-1AA (71286)	EA	2	*	*	2	*	*	2	8	10	F82	A2MP2 A2MP3
M--D-- A044C		PLATE, ALUMINUM 1558221-098 (05869)	EA	2									F82	A2MP2H2
P--D-- A045A	5320-117-6817	RIVET, SOLID, ALUMINUM ALLOY MS20470AD3-6 (96906)	EA	6							13	30	F82	A2MP2H6
P--D-- A045B	5320-754-0822	RIVET, SOLID, ALUMINUM ALLOY MS20470AD4-5 (96906)	EA	4							13	30	F82	A2MP2H4
P--F-- A046A	5310-632-6721	WASHER, FLAT SAME AS A022	EA	2	REF	REF	REF	REF	REF	REF			F82	A2MP2H2
M--D-- A046B		DIVIDER, BATTERY 1596210 (05869)	EA	1									F82	MP2
P--F-- A047M	5330-601-5468	GASKET, ELECTRICAL CONNECTOR 10-36675-10 (77820)	EA	1	*	2	2	*	*	2	12	40	F82	MP3
P--F-- A048A		PACKING, PREFORMED 2-270-C267-5 (83259)	EA	1	*	*	*	*	*	*	5	8	F77	MP4
M--D-- A048B		HOUSING ASSEMBLY, BATTERY 1596208 (05869)	EA	1									F77	A3
P--F-- A048C		BOLT, MACHINE MS21092-06002 (96906)	EA	2	*	*	2	*	*	2	8	12	F80	A3H2

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS		
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION	
P--F-- A048E	5305-958-2918	SCREW, MACHINE MS24693C26 (96906)	2	EA	4	**	2	2	**	2	12	60	3	F80	A3H2
P--D-- A048F	5340-558-3003	HINGE MS20001P8-200 (96906)	2	EA	1							8	15	F80	A3MP1
P--D-- A048G	5320-680-2985	RIVET, SOLID MS20426AD4-4 (96906)	2	EA	6							12	150	F80	A3MP1H6
P--D-- A048H	5340-813-6475	HOOK, LATCH 15834STRIKE (14608)	2	EA	1							8	15	F81	A3MP2
P--D-- A048I	5320-680-2985	RIVET, SOLID SAME AS A048G	2	EA	2									F81	A3MP2H2
M--D-- A048J		HOUSING, BATTERY 1596209-001 (05869)	2	EA	1									F80	A3MP3
M--D-- A048K		HOUSING, BATTERY 1596209-002 (05869)	2	EA	1									F80	A3MP4
P--D-- A048L	5340-619-0214	LATCH, THUMB SCB833A4-2 (98003)	2	EA	1							8	15	F81	A3MP5
P--D-- A048N	5320-680-2985	RIVET, SOLID SAME AS A048G	2	EA	2									F81	A3MP5H2
M--D-- A048O		PLATE, ADAPTER 1596517 (05869)	2	EA	1									F80	MP5
M--D-- A048P		PLATE, ALUMINUM ALLOY 1596517-099 (05869)	2	EA	1									F80	MP5MP1
P--D-- A048Q	5310-781-9493	NUTPLATE MS21075L06 (96906)	2	EA	4							8	60	F80	MP5MP2
P--F-- A048R	5320-584-0672	RIVET, SOLID MS20426AD3-6 (96906)	2	EA	8	**	2	2	**	2	2	12	120	F80	MP5MP2H2
P--F-- A048S	5315-934-8536	PIN, SPRING MS171432 (96906)	2	EA	2	**	**	**	**	**	**	5	8	F82	MP6
P--F-- A049M	6140-138-5615	RETAINER, BATTERY 1558220-001 (05869)		EA	1	**	**	**	**	**	**	5	6	F77	A3
P--F-- A049A	5310-720-8549	NUT, PLAIN, WING MS35426-13 (96906)		EA	4	**	**	2	**	**	2	8	60	F79	A3H4
P--F-- A049B	5315-847-3735	PIN, SPRING MS16562-190 (96906)		EA	4	**	**	**	**	**	**	5	16	F79	A3H4
P--F-- A050M	5310-999-8644	NUT STAND-OFF S05440-20 (46384)		EA	2	**	**	2	**	**	2	8	30	F79	A3MP6 A3MP7
P--F-- A051M	6140-138-5616	RETAINER, ALUMINUM ALLOY SHEET 1558220-099 (05869)		EA	1	**	**	2	**	**	2	8	12	F79	A3MP8
P--F-- A052M	6140-138-5617	RETAINER, BATTERY 1558220-002 (05869)		EA	1	**	**	**	**	**	**	5	6	F79	A4
P--F-- A052A	5305-066-7326	SCREW, MACHINE MS24693C24 (96906)		EA	3	**	2	2	**	2	2	12	45	F79	A4H3
P--F-- A053M	5310-978-0133	NUT STAND-OFF S05440-4 (46384)		EA	2	**	**	2	**	**	2	8	30	F79	A4MP1 A4MP2
P--F-- A054M		RETAINER, ALUMINUM ALLOY SHEET SAME AS A051M		EA	1	REF	REF	REF	REF	REF	REF			F79	A4MP3
M--D-- A055M	5975-713-5091	STRAP, CABLE MS18034-4-NN (96906)		EA	6									F79	MP7 THRU MP12
P--F-- A056M		TUBING, FLEX. HEAT SHRINKABLE 760293-005 (05869)		EA	1	**	2	2	**	**	2	12	60	F79	MP13

SECTION IV INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5305-054-6652	F78	A1MP2H4	5820-130-9317	F77	A1
5305-066-7326	F79	A4H3	5820-130-9324	F77	A2
5305-115-6128	F79	MP1H2	5820-226-2683	F79	J2E1 THRU J2E3
5305-115-6128	F81	W1H2	5820-226-2683	F79	J3E1 THRU J3E3
5305-175-3227	F78	A1MP11H2	5820-935-0382	F77	
5305-543-2767	F71	J3H2	5935-878-7485	F79	J2
5305-550-5001	F71	J2H2	5935-878-7485	F79	J3
5305-958-2918	F80	A3H2	5975-713-5091	F79	MP7 THRU MP12
5310-208-3786	F79	J1H4	6135-156-3934	F77	
5310-632-6721	F79	J1H4			
5310-632-6721	F79	J2H2			
5310-632-6721	F79	J3H2			
5310-632-6721	F82	A2MP2H4			
5310-720-8549	F79	A3H4			
5310-723-9676	F79	MP1H2			
5310-723-9676	F79	W1H2			
5310-734-5661	F81	J1H4			
5310-734-5661	F79	J2H2			
5310-734-5661	F79	J3H2			
5310-781-9493	F80	MP5MP2			
5310-978-0133	F79	A4MP1 AND A4MP2			
5310-982-5000	F79	J1H4			
5310-999-8644	F79	A3MP6 AND A3MP7			
5315-847-3735	F79	A3H4			
5315-934-8536	F82	MP6			
5320-117-6817	F82	A2MP2H6			
5320-584-0672	F80	MP5MP2H2			
5320-680-2985	F80	A3MP1H6			
5320-680-2985	F81	A3MP2H2			
5320-680-2985	F81	A3MP5H2			
5320-754-0822	F82	A2MP2H6			
5330-601-5468	F80	MP3			
5340-558-8826	F78	A1MP4 THRU A1MP6			
5340-597-3302	F78	A1MP7 THRU A1MP10			
5340-619-0214	F81	A3MP5			
5340-815-4930	F78	A1MP2H4			
5340-878-6197	F78	A1MP2 AND A1MP3			

SECTION IV INDEX PART NUMBER CROSS REFERENCE
TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF DESIGNATION	PART NUMBER	MFG CODE	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
AN535-0-3	81349	F78	A1MP11H2	10-36675-10	77820	F80	MP3
AN960C4	81349	F82 F79	A2MP2H4 J1H4, J2H2, J3H2	1558218	05869	F78	A1MP12 THRU A1MP15
AS261-0AY8	08714	F79	J1H4	1558219	05869	F78	A1MP2, A1MP3
CY-6314/PRC-74	05869	F77		1558220-001	05869	F77	A3
CY-6314A/PRC-74	05869	F77		1558220-002	05869	F79	A4
MS16562-190	96906	F79	A3H4	1558220-099	05869	F79	A3MP8, A4MP3
MS171432	96906	F82	MP6	1558221	05869	F77	A2
MS18034-4NN	96906	F79	MP7 THRU MP12	1558221-098	05869	F82	A2MP2H2
MS20001P8-200	96906	F80	A3MP1	1558221-099	05869	F82	A2MP1
MS20426AD3-6	96906	F80	MP5MP2H2	1559206	05869	F78	A1MP1
MS20426AD4-4	96906	F80	A3MP1H6 A3MP2H2 A3MP5H2	1559611	05869	F77	A1
MS20470AD3-6	96906	F82	A2MP2H6	1559612	05869	F78	A1MP1
MS20470AD4-5	96906	F82	A2MP2H6	1560279	05869	F79	J2, J3
MS21045C04	96906	F79	J1H4	1560279-099	05869	F79	J2TB1, J3TB2
MS21075L06	96906	F80	MP5MP2	15834STRIKE	14608	F81	A3MP2
MS21092-06002	96906	F80	A3H2	1591818	05869	F78	A1MP11
MS21097-04002	96906	F79	MP1H2, W1H2	1596205	05869	F77	A1
MS21208F1-15	96906	F78	A1MP7 THRU A1MP10	1596207	05869	F79	MP1
MS21209C0615	96906	F78	A1MP2H4	1596208	05869	F77	A3
MS21209C0620	96906	F78	A1MP4 THRU A1MP6	1596209-001	05869	F80	A3MP3
MS24693C24	96906	F79	A4H3	1596209-002	05869	F80	A3MP4
MS24693C26	96906	F80	A3H2	1596210	05869	F81	MP2
MS35233-12	96906	F79	J2H2	1596421	05869	F77	A2
MS35233-18	96906	F79	J3H2	1596422	05869	F78	A1MP2, A1MP3
MS35337-78	96906	F79	J1H4, J2H2, J3H2	1596517	05869	F80	MP5
MS35426-13	96906	F79	A3H4	1596517-099	05869	F80	MP5MP1
MS51957-28	96906	F78	A1MP2H4	1596562	05869	F78	A1MP11
NAS1635-06-8	80205	F78	A1MP2H4	1598626	05869	F82	A2MP2, A2MP3
NAS620C4L	80205	F78	MP1H2, W1H2	2-270-C267-5	83259	F77	MP4
NAS671C4	80205	F79	J1H4	390032-12	73293	F81	W1
R125-8	70892	F79	J2E1 THRU J2E3 J3E1 THRU J3E3	44007-70	11139	F81	J1
SCB83314-2	98003	F81	A3MP5	51L83-1-1AA	71286	F82	A2MP2, A2MP3
SOS440-20	46384	F79	A3MP6, A3MP7	760293-005	05869	F79	MP13
SOS440-4	46384	F79	A4MP1, A4MP2				

SECTION IV INDEX-REFERENCE DESIGNATION
CROSS REFERENCE TO PAGE NUMBER

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
A1	D2	A3MP5	D4	MP9	D4
A1MP1	D2	A3MP5H2	D4	MP10	D4
A1MP2	D2	A3MP6	D4	MP11	D4
A1MP2H4	D2	A3MP7	D4	MP12	D4
A1MP3	D2	A3MP8	D4	MP13	D4
A1MP4	D2	A4	D4	W1	D2
A1MP5	D2	A4H3	D4	W1H2	D2
A1MP6	D2	A4MP1	D4		
A1MP7	D2	A4MP2	D4		
A1MP8	D2	A4MP3	D4		
A1MP9	D2	J1	D3		
A1MP10	D2	J1H4	D3		
A1MP11	D2	J2	D2		
A1MP11H2	D2	J2E1	D2		
A1MP12	D2	J2E2	D2		
A1MP13	D2	J2E3	D2		
A1MP14	D2	J2H2	D2		
A1MP15	D2	J2TB1	D2		
A2	D3	J3	D2		
A2MP1	D3	J3E1	D3		
A2MP2	D3	J3E2	D3		
A2MP2H2	D3	J3E3	D3		
A2MP2H4	D3	J3H2	D3		
A2MP2H6	D3	J3TB2	D3		
A2MP3	D3	MP1	D3		
A3	D3	MP1H2	D3		
A3	D4	MP2	D3		
A3H2	D3	MP3	D3		
A3H2	D4	MP4	D3		
A3H4	D4	MP5	D4		
A3MP1	D4	MP5MP1	D4		
A3MP1H6	D4	MP5MP2	D4		
A3MP2	D4	MP5MP2H2	D4		
A3MP2H2	D4	MP6	D4		
A3MP3	D4	MP7	D4		
A3MP4	D4	MP8	D4		

APPENDIX E

DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR BATTERY CASE CY-6121/PRC-74

Section I. INTRODUCTION

E-1. Scope

This manual lists repair parts required for the performance of direct support, general support, and depot maintenance of the CY-6121/PRC-74.

E-2. General

See paragraph B-2.

E-3. Explanation of Columns

See paragraph B3.

E-4. Special Information

See paragraph B4.

E-5. How to Locate Repair Parts

See paragraph B5.

**E-6. Federal Supply Code for
Manufacturers**

See paragraph B6.

SECTION REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE

(1) SFR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1 YR ALW PER EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
A001	5820-908-3127	CARRIER, BATTERY-RECHARGEABLE CY-6121/ERC-74 (05869)	EA	1										
A-O A002		CASE-CARRIER BATTERY-RECHARGEABLE 1541044 (05869)	EA	1										MP1
P-F A003	5340-559-6128	CLAMP, CABLE MS21919-G2 (96906)	EA	2	*	*	*	*	*	*	*		F83	MP2
P-F A004	5340-559-6128	CLAMP, CABLE SAME AS A003	EA	1	REF	REF	REF	REF	REF	REF	REF		F83	MP3
P-F A005	5310-208-9261	NUT, SELF LOCKING 79NVM-40 (72962)	EA	2	*	*	*	*	*	*	*		F83	MP2H2
P-F A006		CONNECTOR, RECP, ELECTRICAL 44007-7F (11139)	EA	1	*	*	*	*	*	*	*		F83	J1
P-F A007	5310-208-9261	NUT, SELF LOCKING SAME AS A005	EA	4	REF	REF	REF	REF	REF	REF	REF		F83	J1H4
P-F A008	5305-543-2766	SCREW, MACHINE MS35233-16 (96906)	EA	4	*	*	*	*	*	*	*		F83	J1H4
P-F A009	5820-089-9195	CORD, STRAIN RELIEF 1541045 (05869)	EA	2	*	*	*	*	*	*	*		F83	MP4
P-F A010	5820-089-9195	CORD, STRAIN RELIEF SAME AS A009	EA	1	REF	REF	REF	REF	REF	REF	REF		F83	MP5
A-O-R A011		COVER AND CLAMP ASSY-BATTERY CARRIER 1541046 (05869)	EA	1										MP6
M-D A012	5940-632-0959	BASE, CARRIER 1541047 (05869)	EA	1										MP6MP1
P-F A013		CLAMP, HOLD DOWN 1541049 (05869)	EA	2	*	*	*	*	*	*	*		F83	MP6MP2
P-F A014		CLAMP, HOLD DOWN SAME AS A013	EA	1	REF	REF	REF	REF	REF	REF	REF		F83	MP6MP3
M-D A015		PAD, SHOCK MOUNTING 1541048 (05869)	EA	1										MP6MP4
P-F A016	5305-068-6534	SCREW, MACHINE MS35233-31 (96906)	EA	4	*	*	*	*	*	*	*		F83	MP6MP4H4
P-F A017	5310-773-7624	WASHER, FLAT NAS620C6 (80205)	EA	8	*	*	*	*	*	*	*		F83	MP6MP4H8
P-F A018	5940-644-8713	TERMINAL, LUG, CRIMP, STYLE MS25036-8 (96906)	EA	2	*	*	*	*	*	*	*		F83	E1
P-F A019	5940-644-8713	TERMINAL, LUG, CRIMP STYLE SAME AS A018	EA	1	REF	REF	REF	REF	REF	REF	REF		F83	E2
A-H-R A020		SUPPORT, BATTERY CASE-RCVR RADIO 1541504 (05869)	EA	1										MP7
M-D A021		BASE 1541504-098 (05869)	EA	1										MP7MP1
P-H A022	6140-943-5864	FOOT 1541504-099 (05869)	EA	2	*	*	*	*	*	*	*		F83	MP7MP2
P-H A023	6140-943-5864	FOOT SAME AS A023	EA	1	REF	REF	REF	REF	REF	REF	REF		F83	MP7MP3
P-H A024		SCREW G42-19 (00328)	EA	2	*	*	*	*	*	*	*		F83	MP7MP2H2
P-H A025		WASHER 3544-14-02 (30323)	EA	2	*	*	*	*	*	*	*		F83	MP7MP2H2

SECTION INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE
 TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF. DESIGNATION
5305-068-6534	F 83	MP6MP4H4			
5305-543-2766	F 83	JLH4			
5310-208-9261	F 83	JLH4			
5310-774-7624	F 83 F 83	MP2H2 MP6MP4H8			
5340-559-6128	F 83	MP2			
	F 83	MP3			
5820-089-9195	F 83	MP4			
	F 83	MP5			
5940-632-0959		MP6MP1			
5940-644-8713	F 83	E1			
	F 83	E2			
6140-943-5864	F 83	MP7MP2			
	F 83	MP7MP3			

<u>REF NO.</u>	<u>MFG. CODE</u>	<u>FIGURE NUMBER</u>	<u>ITEM NUMBER OR REF DESIGNATION</u>
042-19	00328	F 83	MP7MP2H2
3544-14-02	30323	F 83	MP7MP2H2
44007-7P	11139	F 83	J1
1541044	05869		MP1
1541046	05869		MP6
1541048	05869		MP6MP4
1541049	05869	F 83	MP6MP2
1541504	05869		MP7
1541504-098	05869		MP7MFL

**SECTION INDEX-REFERENCE DESIGNATION
CROSS REFERENCE TO PAGE NUMBER (CONTINUED)**

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
E1	E2				
E2	E2				
J1	E2				
JLH4	E2				
MP1	E2				
MP2	E2				
MP3	E2				
MP4	E2				
MP5	E2				
MP6	E2				
MP6MP1	E2				
MP6MP2	E2				
MP6MP3	E2				
MP6MP4	E2				
MP6MP4H4	E2				
MP6MP4H8	E2				
MP7	E2				
MP7MP1	E2				
MP7MP2	E2				
MP7MP2H2	E2				
MP7MP3	E2				

APPENDIX F

**FIGURES FOR DIRECT SUPPORT, GENERAL SUPPORT AND DEPOT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST FOR RADIO SETS AN/PRC-74B AND
AN/PRC-74C, POWER SUPPLIES PP-4514/PRC-74 AND PP-4514A/PRC-
74, AND BATTERY BOXES CY-6121/PRC-74, CY-6314/PRC-74 AND
CY-6314A/PRC-74**

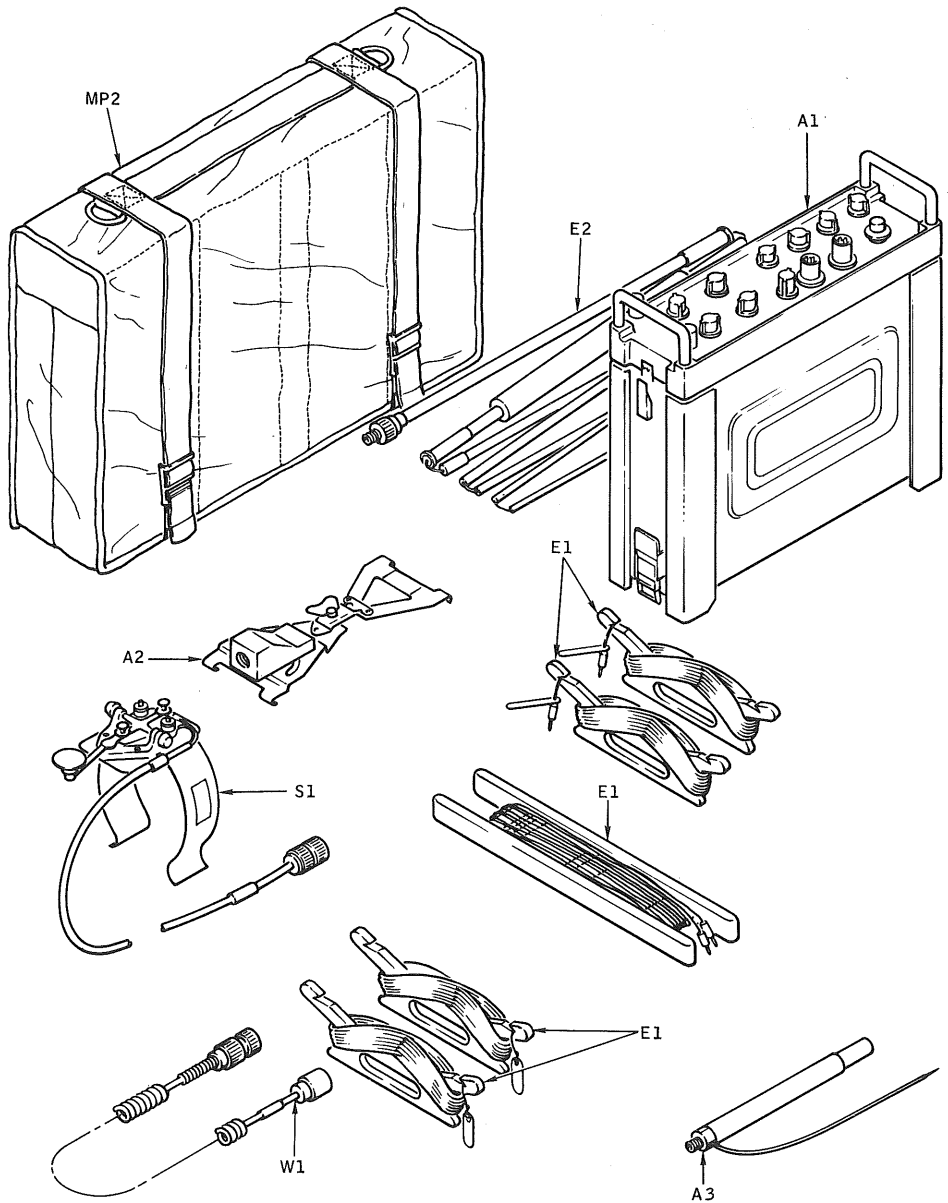


Figure F-1. Receiver-Transmitter RT-794B/PRC-74.

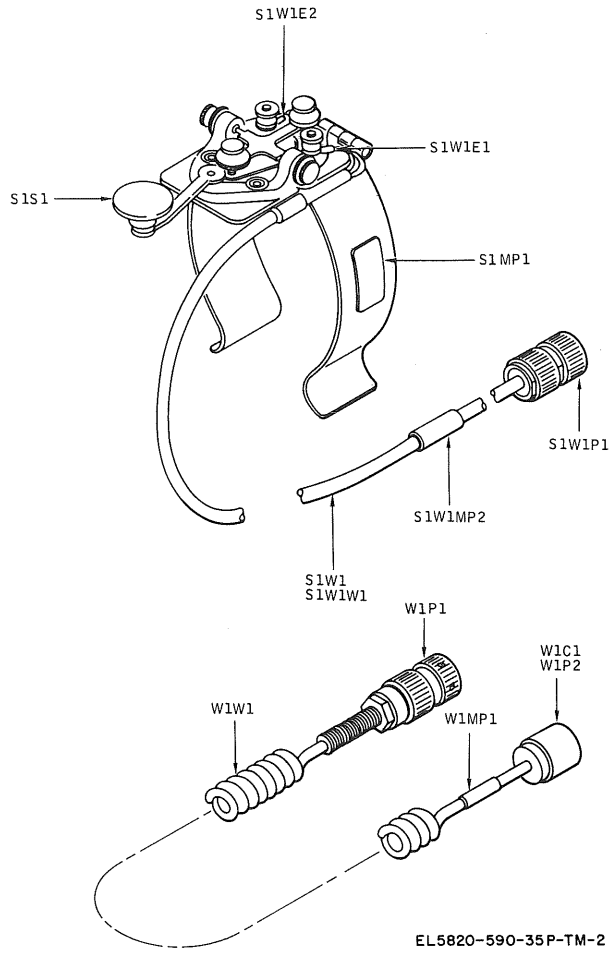


Figure F-2. Telegraph key and connectors.

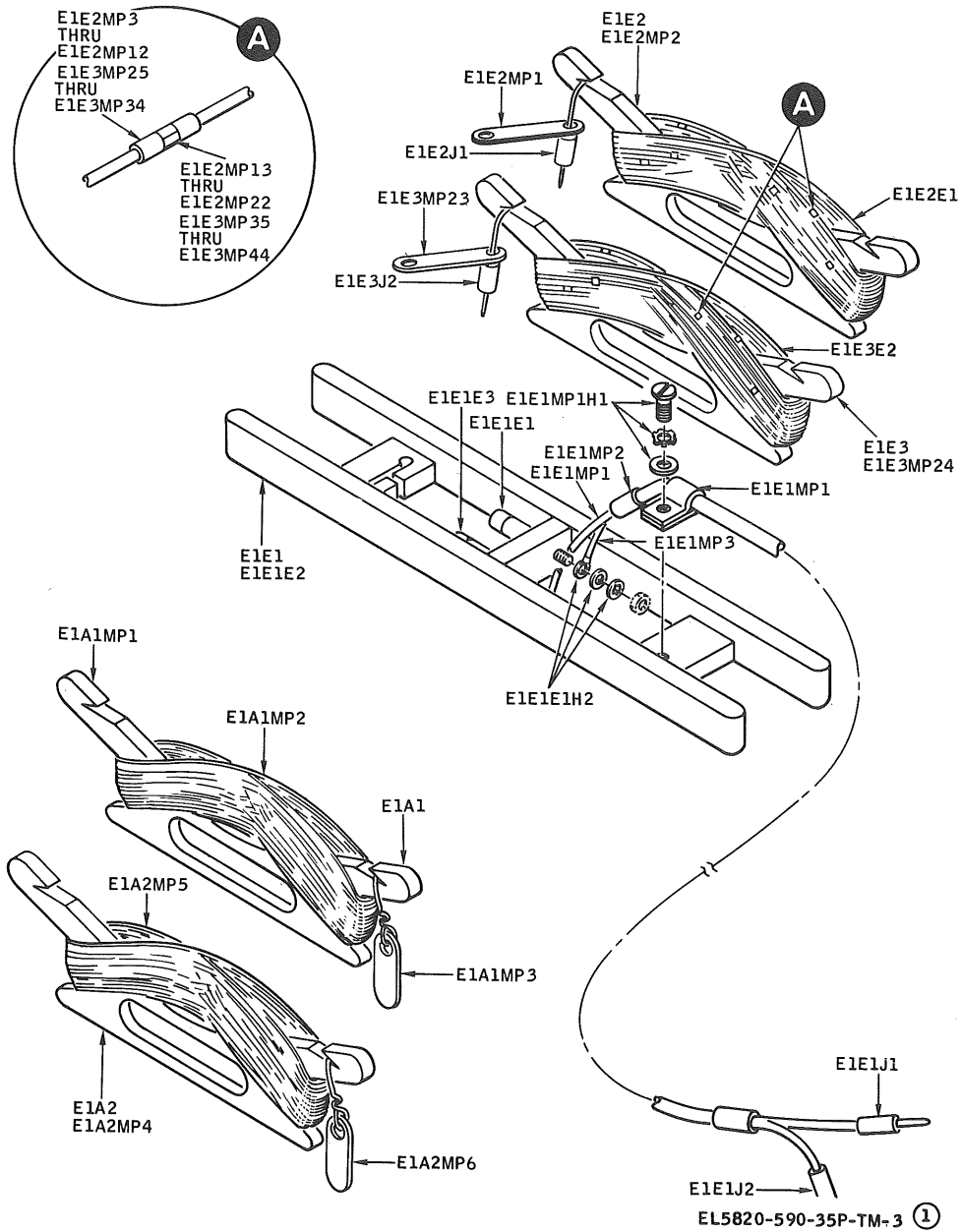


Figure F-3. Antenna Kit MK-911A/PRC-74.

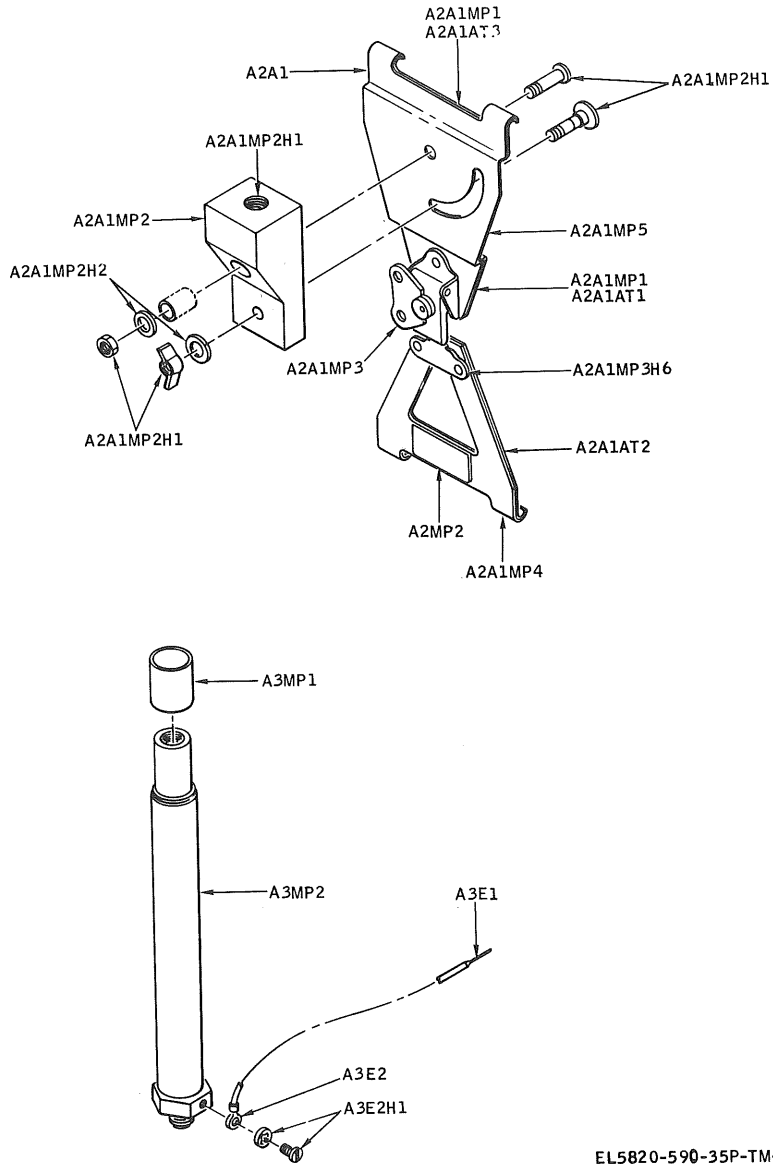
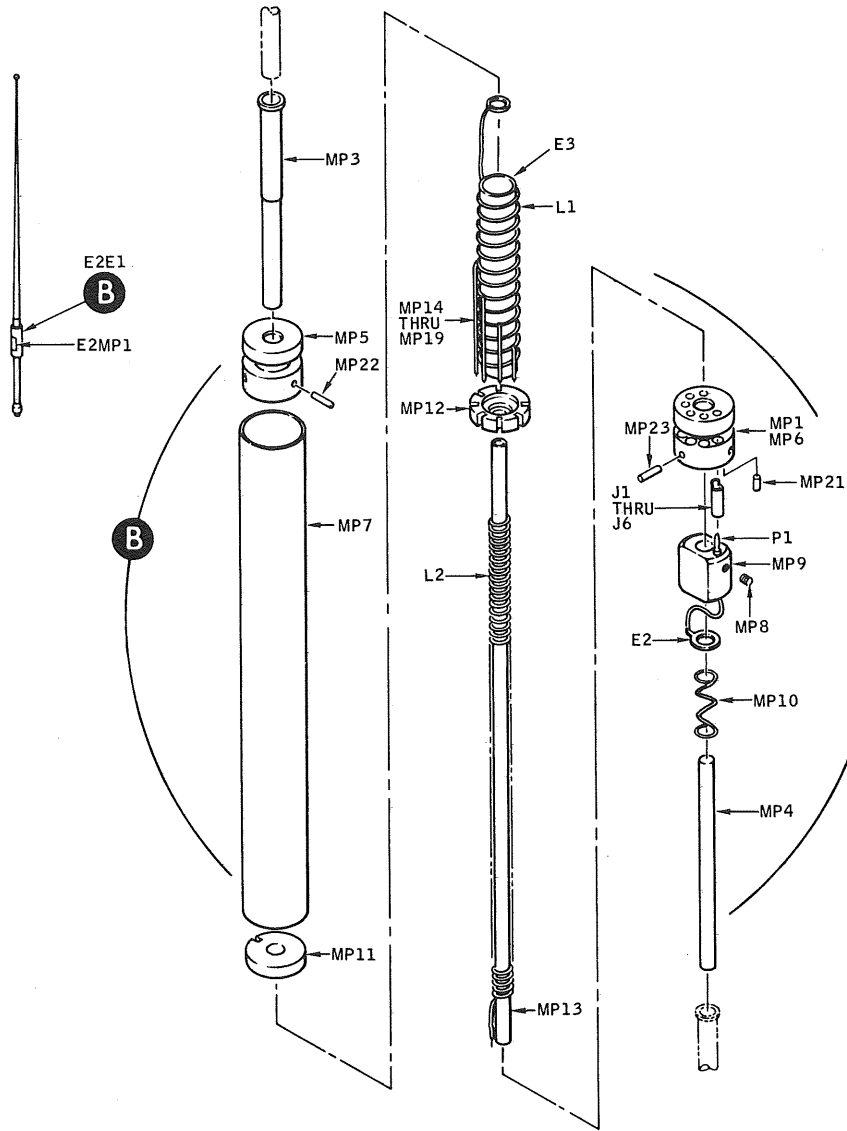


Figure F-4. Mounting Bracket MT-3613/PRC-74 Base,
Antenna Support AB-955/PRC-74.



EL5820-590-35P-TM-3 ③

Figure F-5. Whip Antenna AS-1887A/PRC-74.

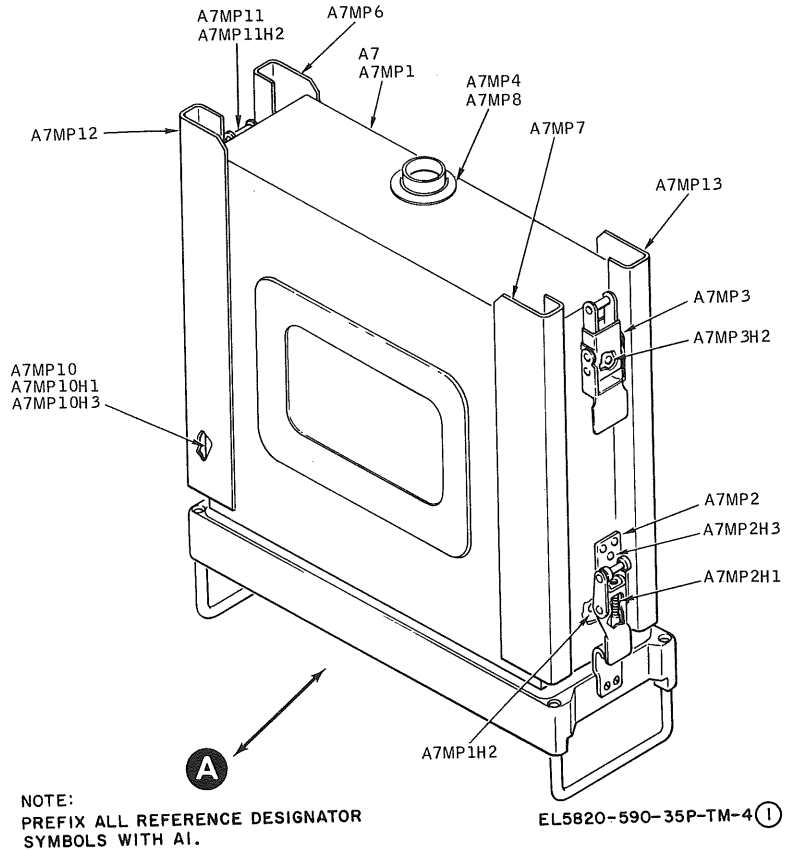
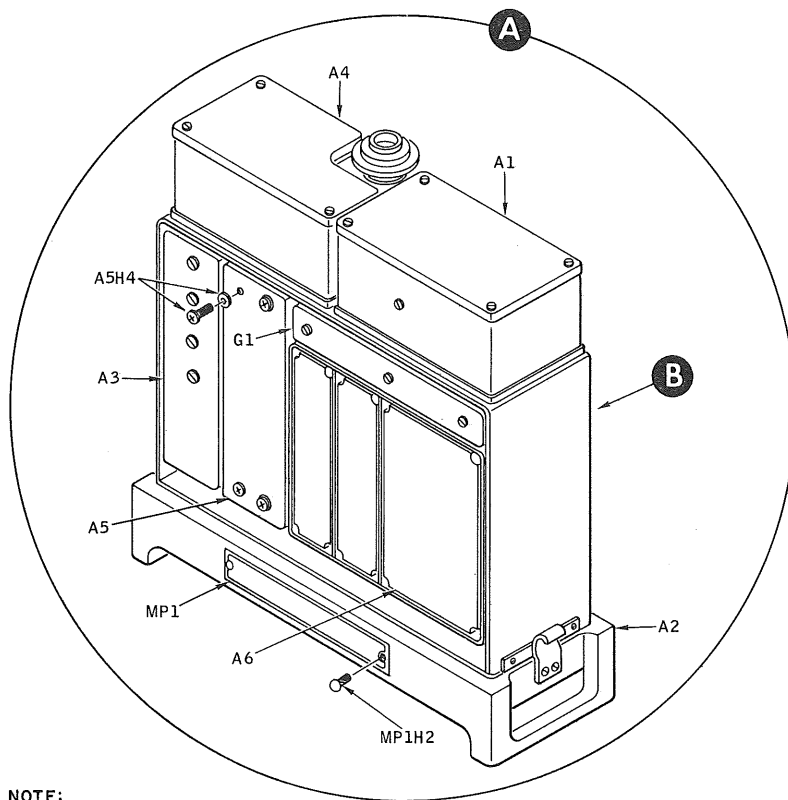


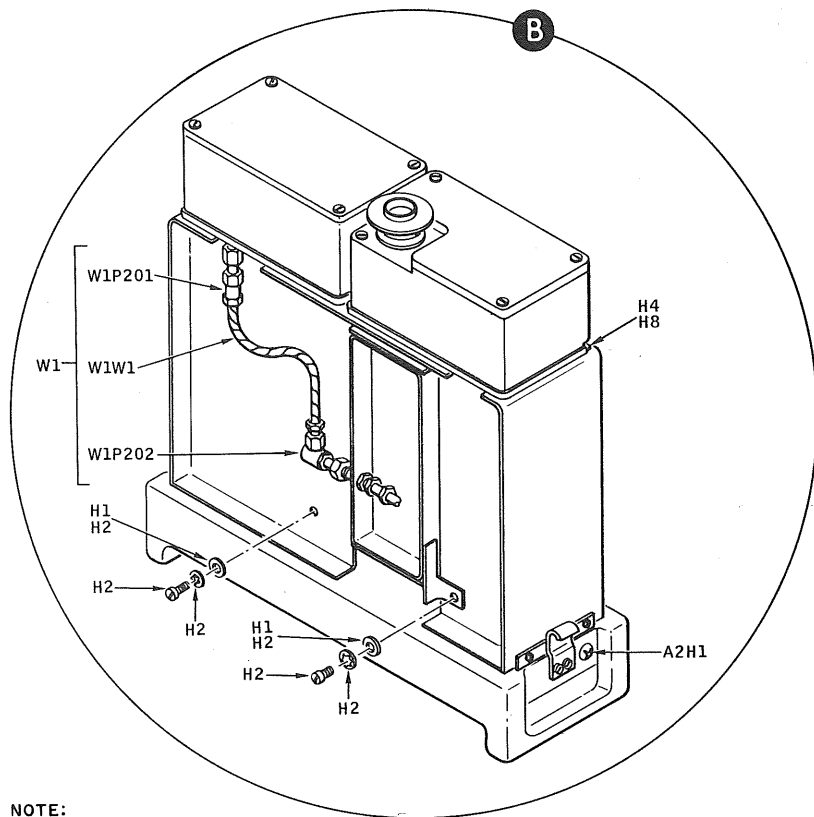
Figure F-6. Receiver-Transmitter RT-794B/PRC-74.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR
SYMBOLS WITH A1.

EL5820-590-35P-TM-4 (2)

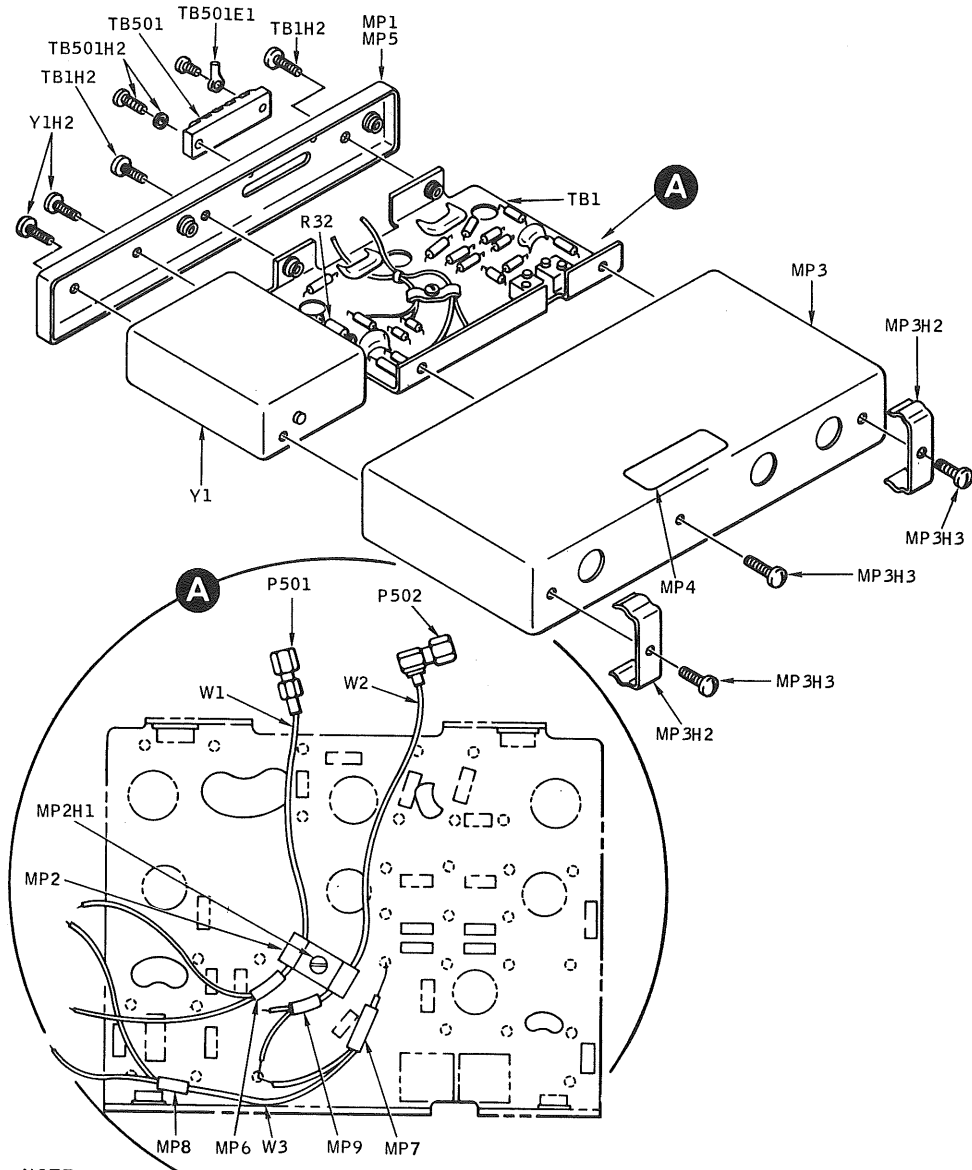
Figure F-7. Top view—case removed.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR
SYMBOLS WITH A1.

EL5820-590-35P-TM-4 (3)

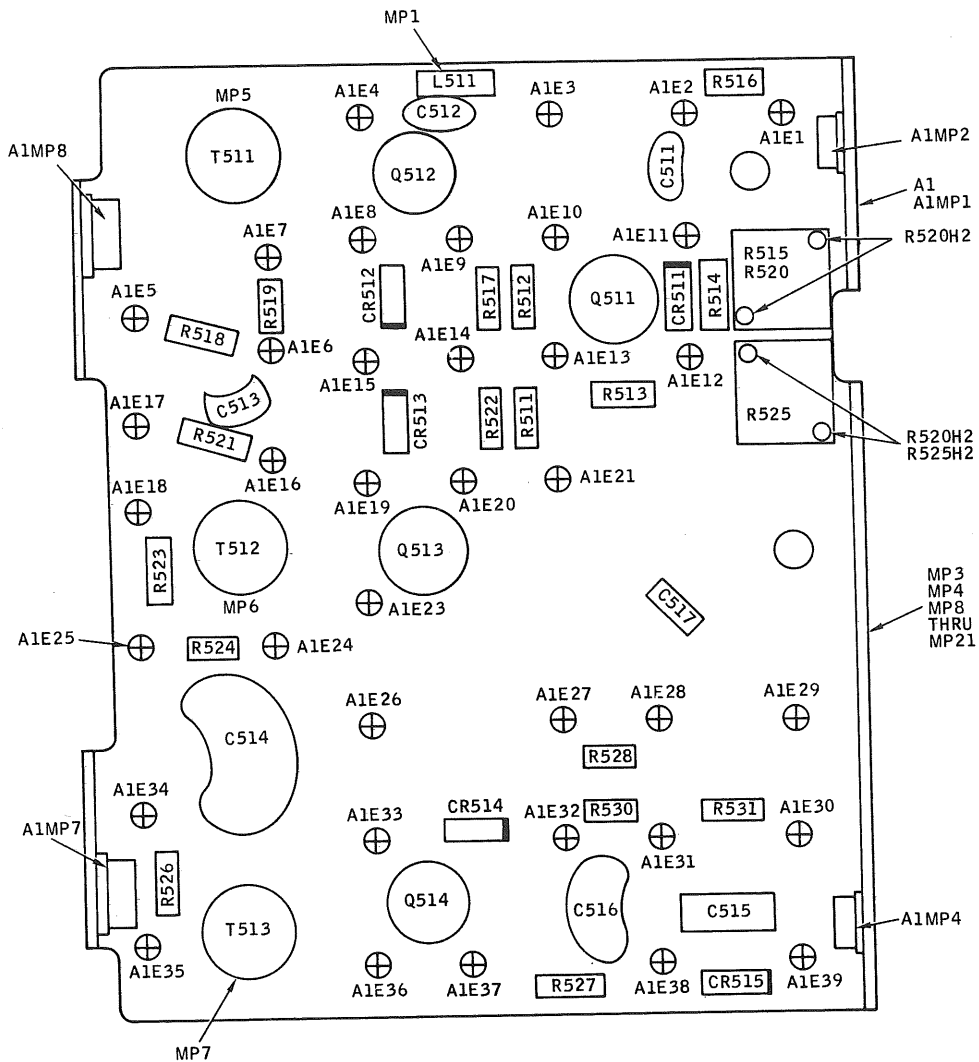
Figure F-8. Bottom view—case removed.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1G1 .

EL5820-590-35P-TM-5

Figure F-9. Frequency generator, exploded view.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1G1TB1.

EL5820-590-35P-TM-6

Figure F-10. Frequency generator module, front view circuit board.

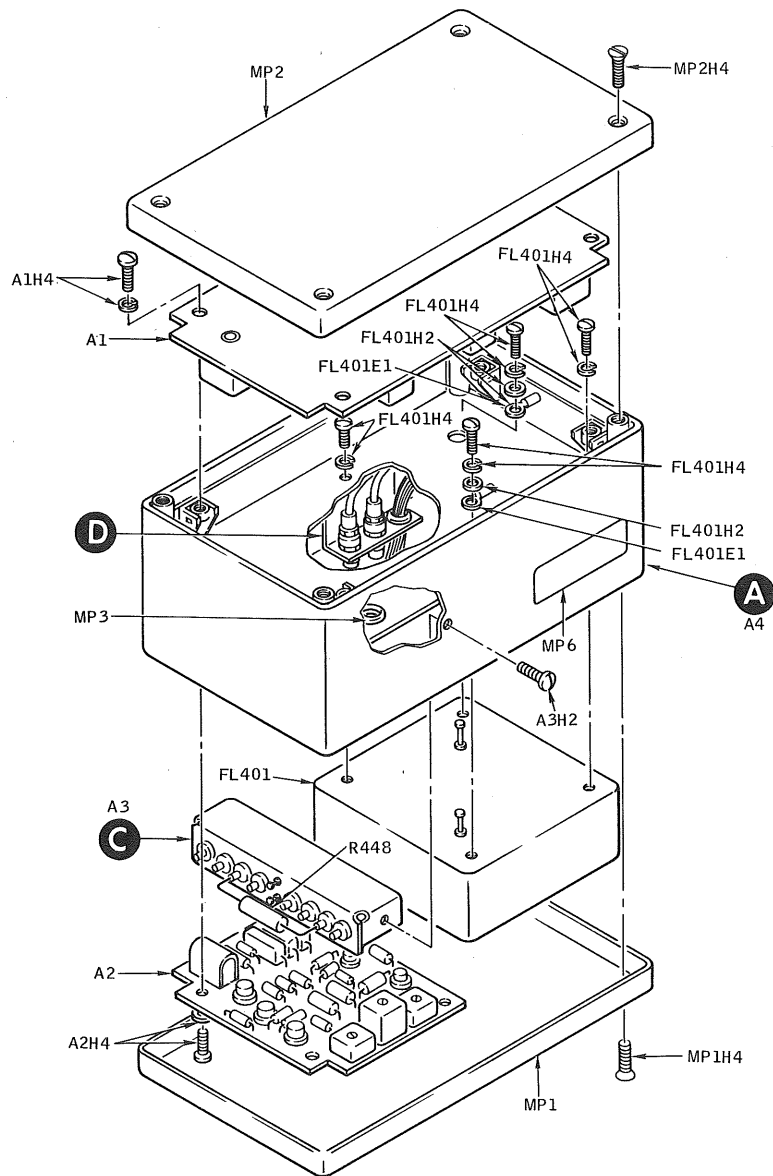


Figure F-11. IF audio module, exploded view.

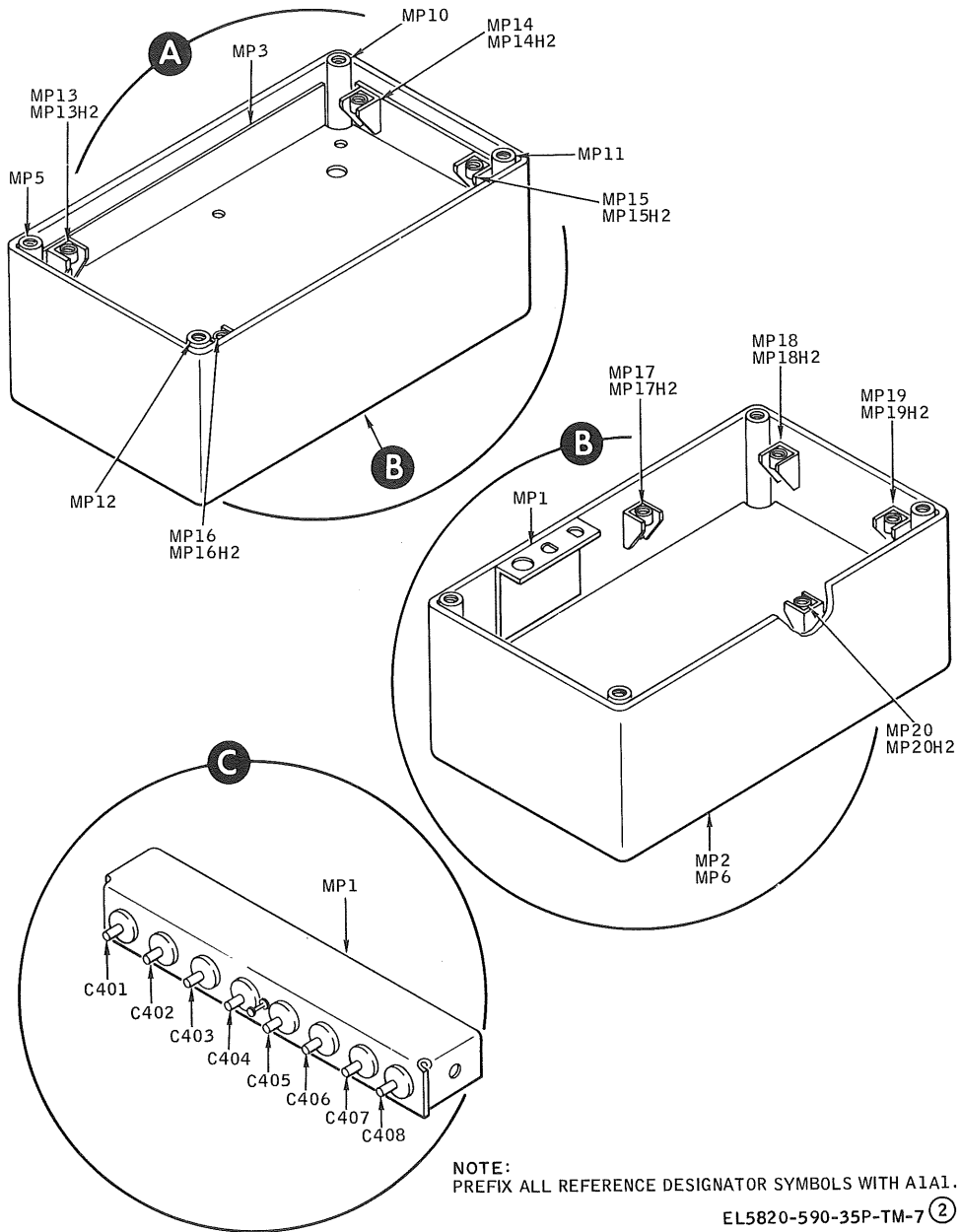
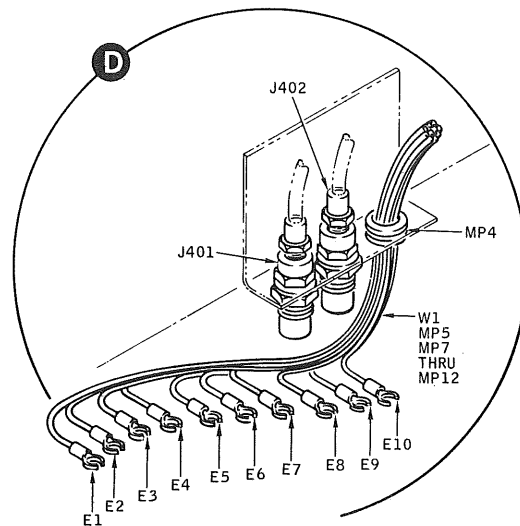
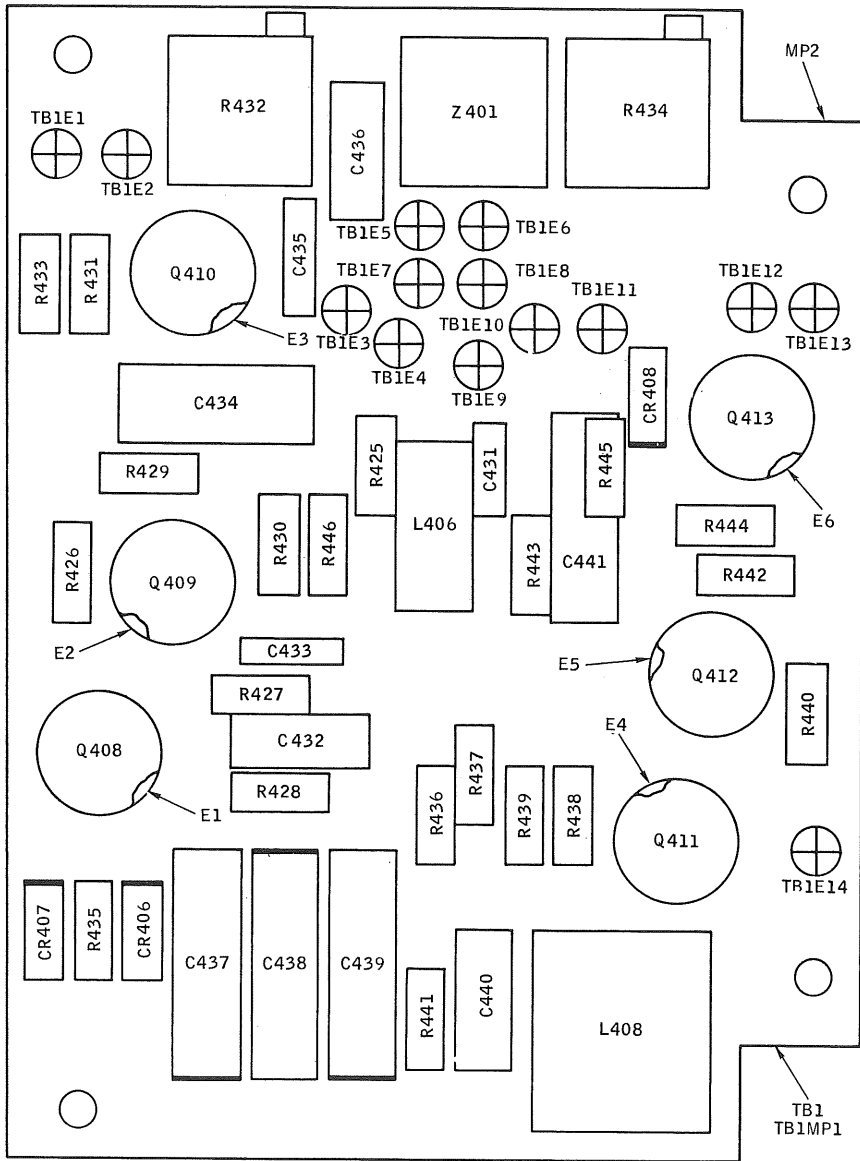


Figure F-12. IF audio module, top and bottom view.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR
SYMBOLS WITH AIAI. EL5820-590-35P-TM-7 (3)

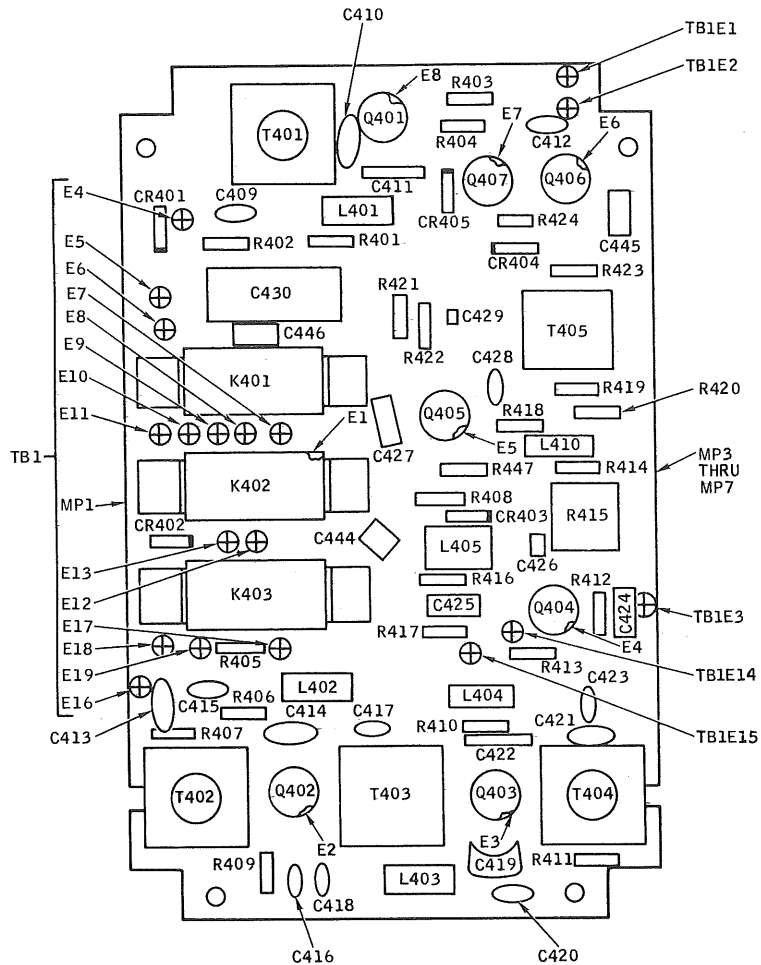
Figure F-13. Connections to IF audio module.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1A1A2

EL5820-590-35P-TM-8

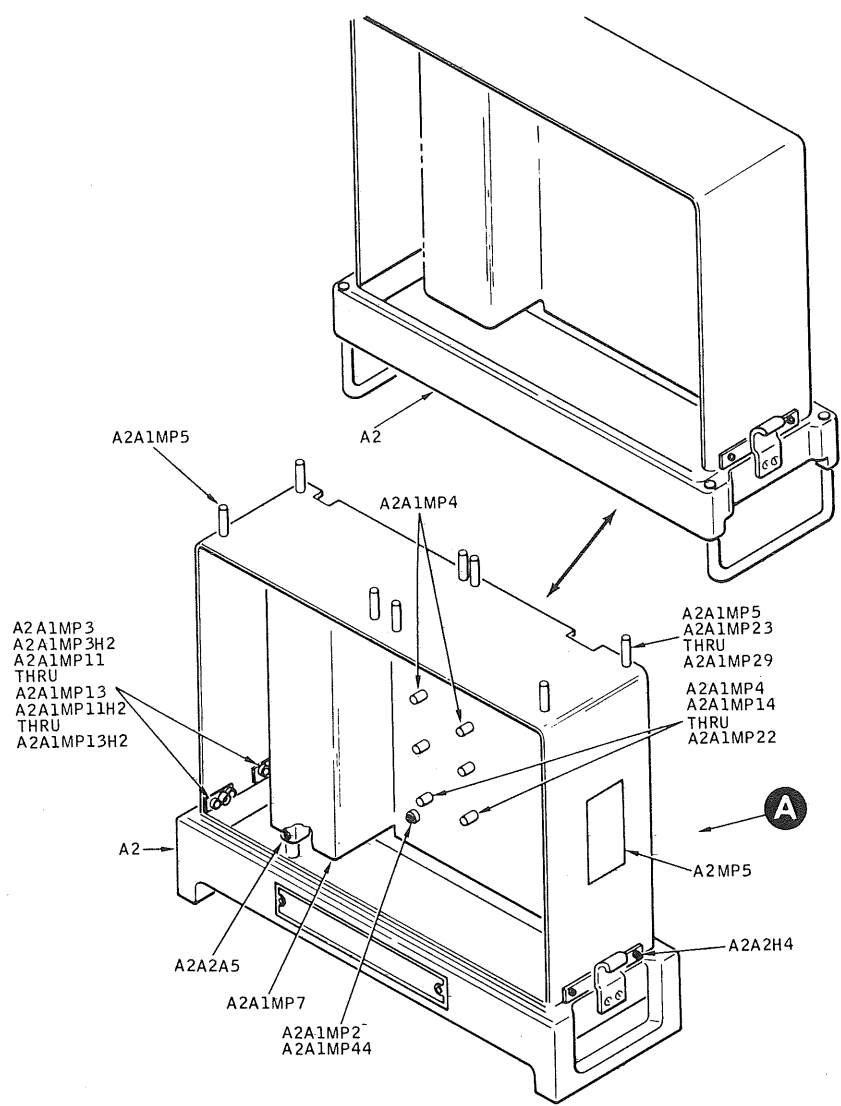
Figure F-14. IF audio module, top component board.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR
 SYMBOLS WITH AIAIAI.

EL5820-590-35P-TM-9

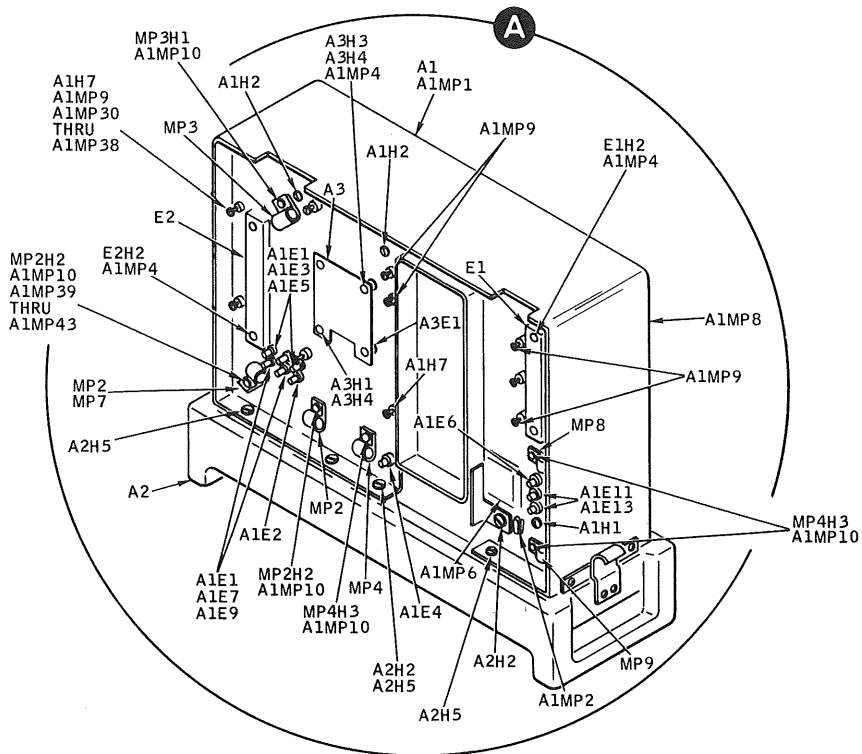
Figure F-15. IF audio module, bottom component board.



NOTE:
PREFIX ALL REFERENCE
DESIGNATOR SYMBOLS WITH A1.

EL5820-590-35P-TM-10 (1)

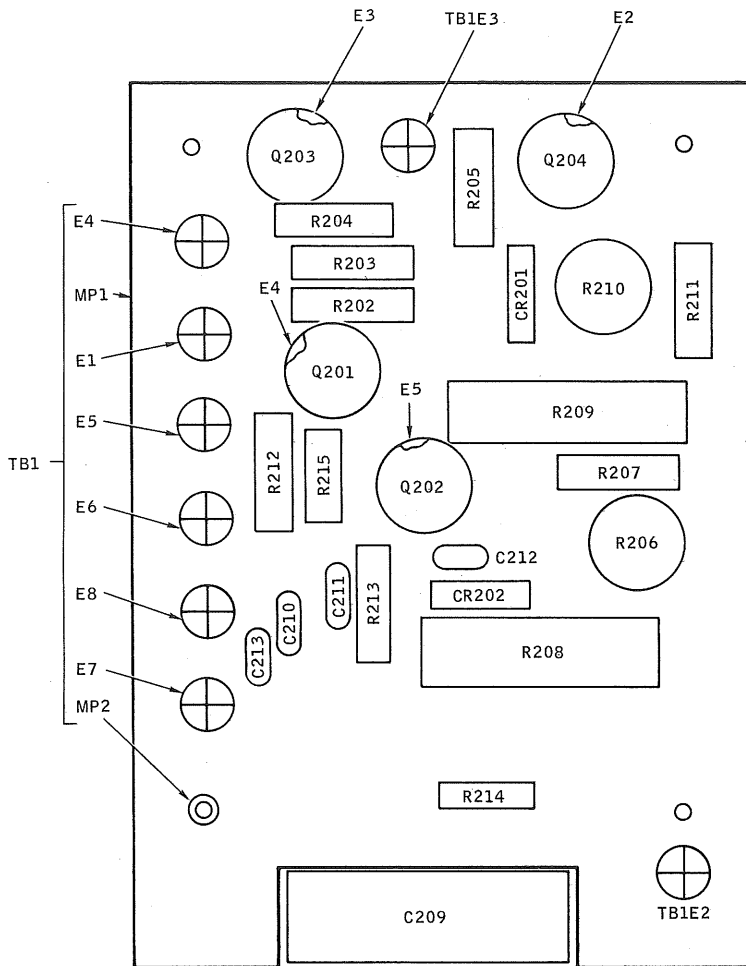
Figure F-16. Radio set, case.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR
 SYMBOLS WITH A1A2.

EL5820-590-35P-TM-10 (2)

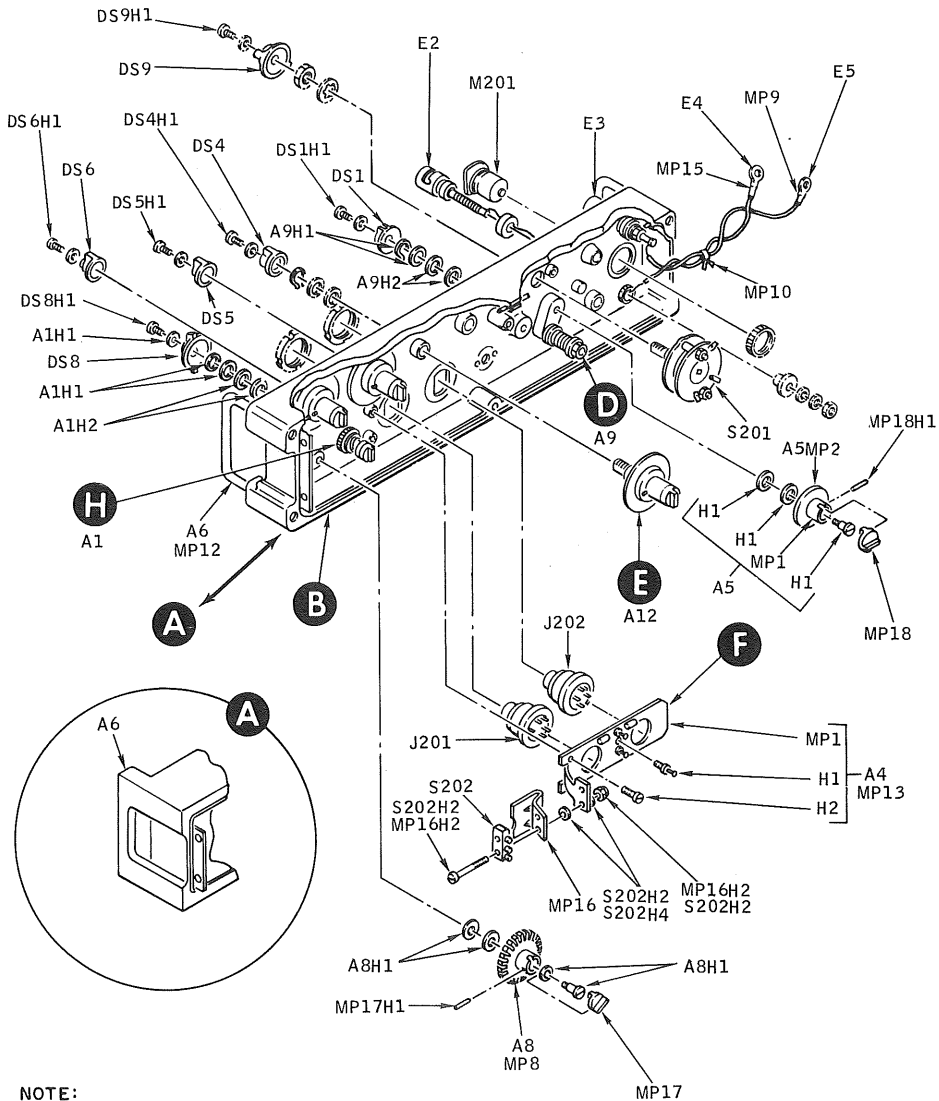
Figure F-17. Radio set, case, inner assembly.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR
 SYMBOLS WITH A1A2A3.

EL5820-590-35P-TM-II

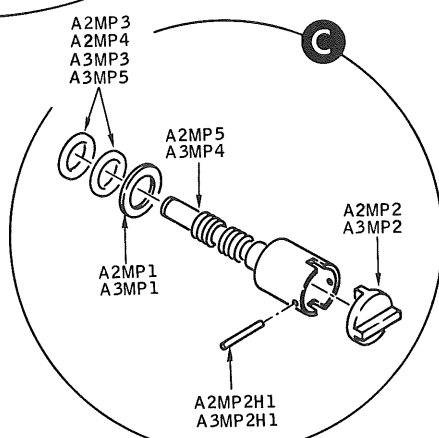
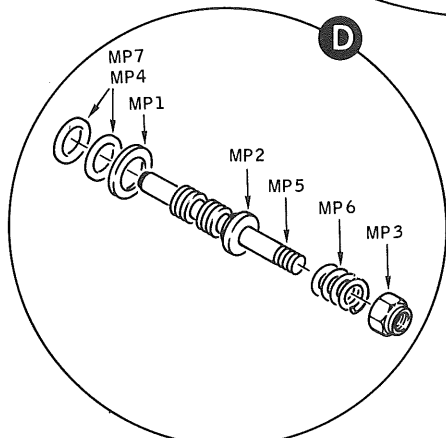
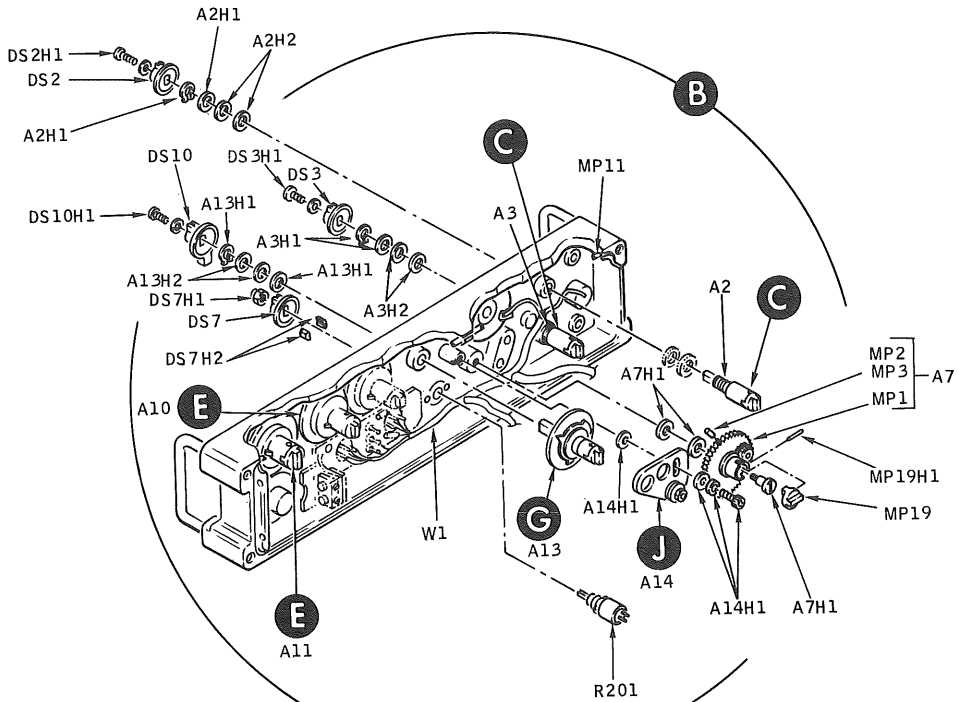
Figure F-18. Gain control for receiver-transmitter.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1A2A2.

EL5820-590-35P-TM-12 (1)

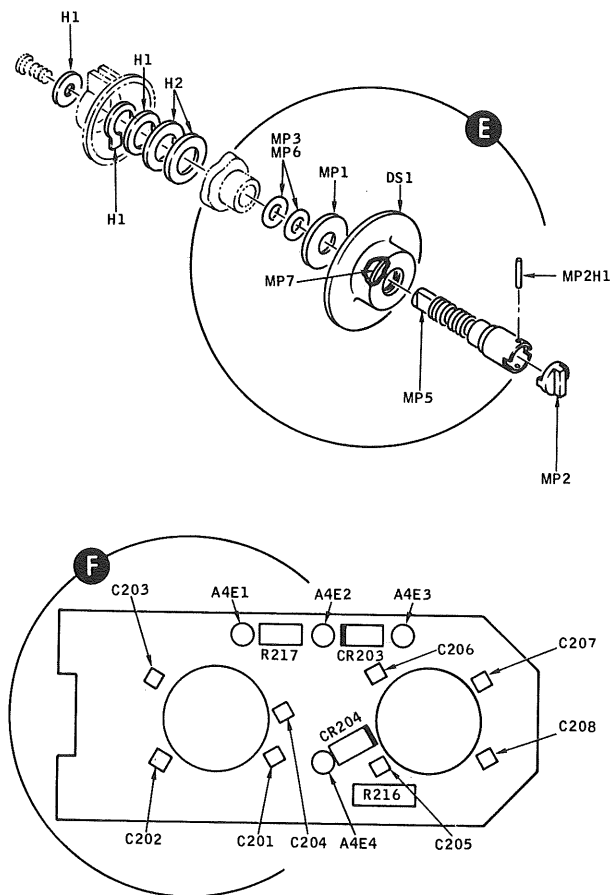
Figure F-19. Radio set, front panel, exploded view.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1A2A2.

EL5820-590-35P-TM-12 (2)

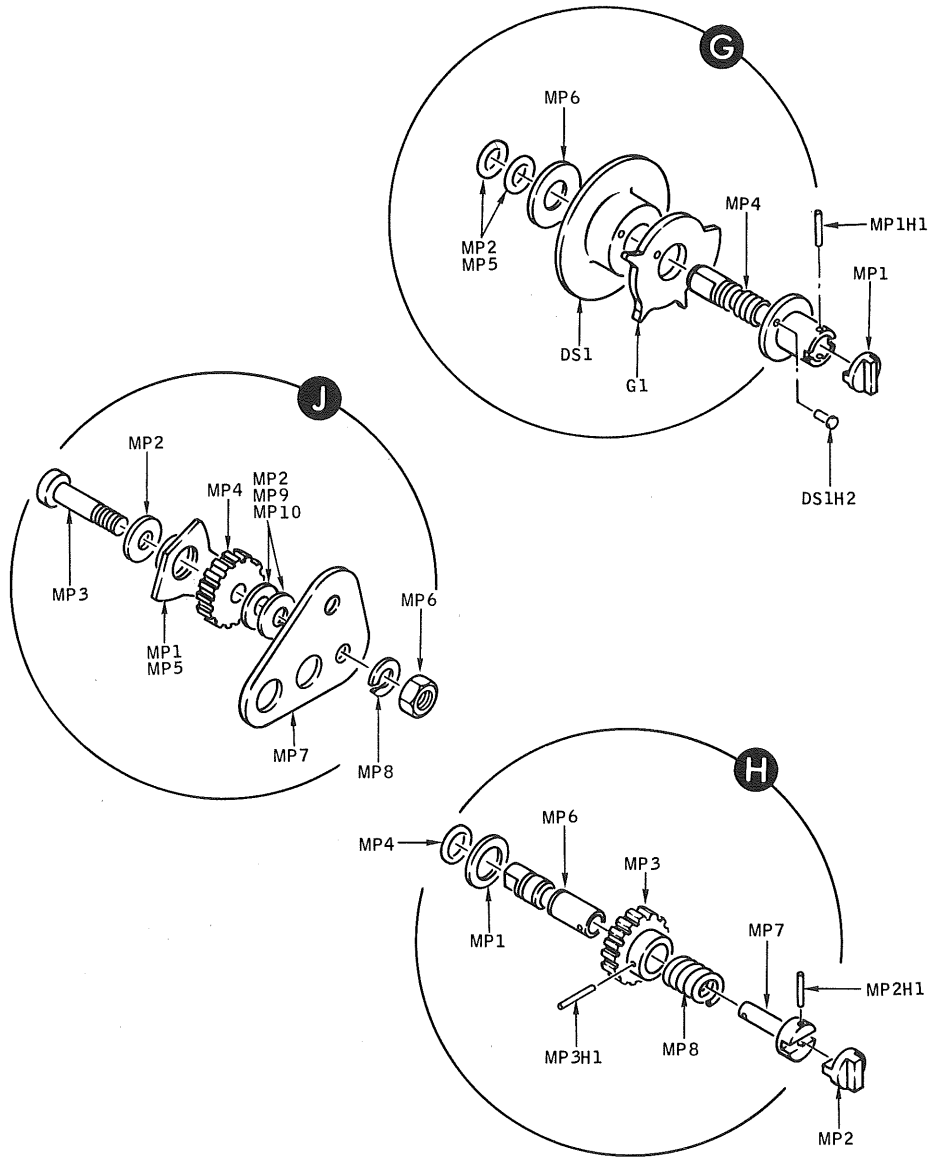
Figure F-20. Peak noise control and antenna tuning control.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR
 SYMBOLS WITH A1A2A2.

EL5820-590-35P-TM-12 ③

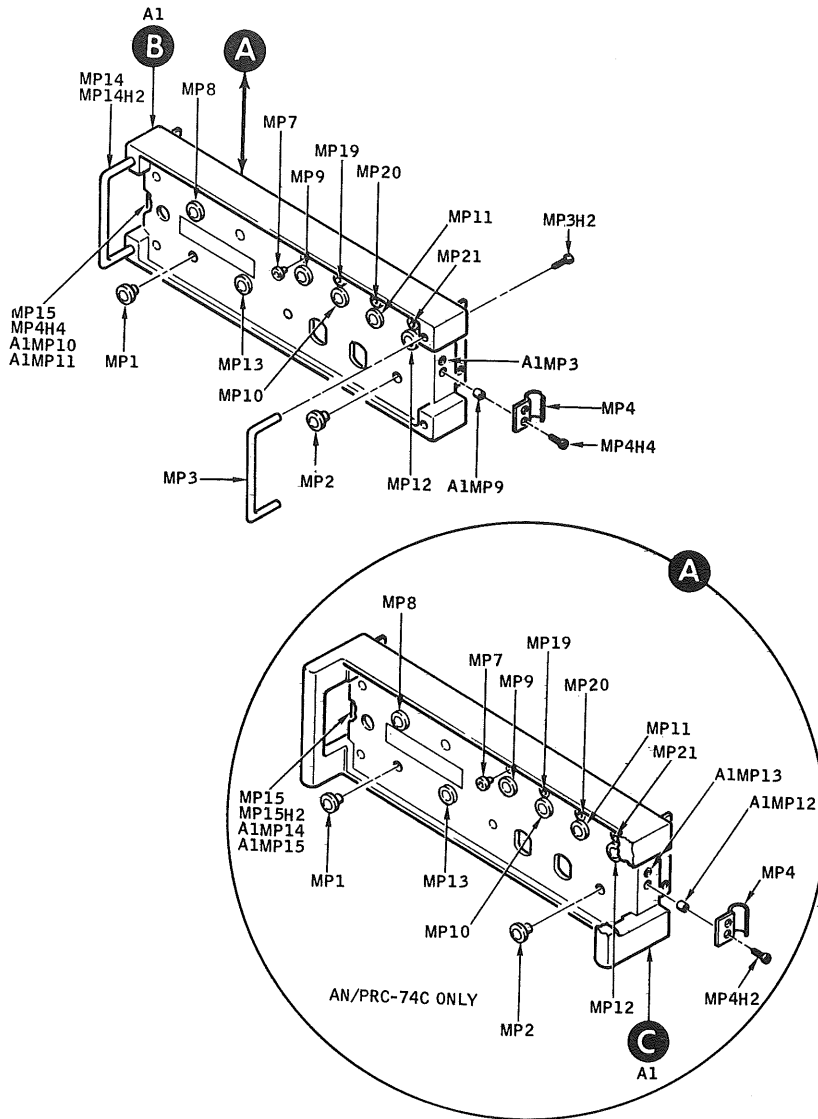
Figure F-21. Frequency control and switch mounting.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1A2A2.

EL5820-590-35P-TM-12 (4)

Figure F-22. MC shaft assembly and clarity control shaft assembly and cam mounting plate.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1A2A2A6.

EL5820-590-35P-TM-13 ①

Figure F-23. Handle and clamp assembly, top view.

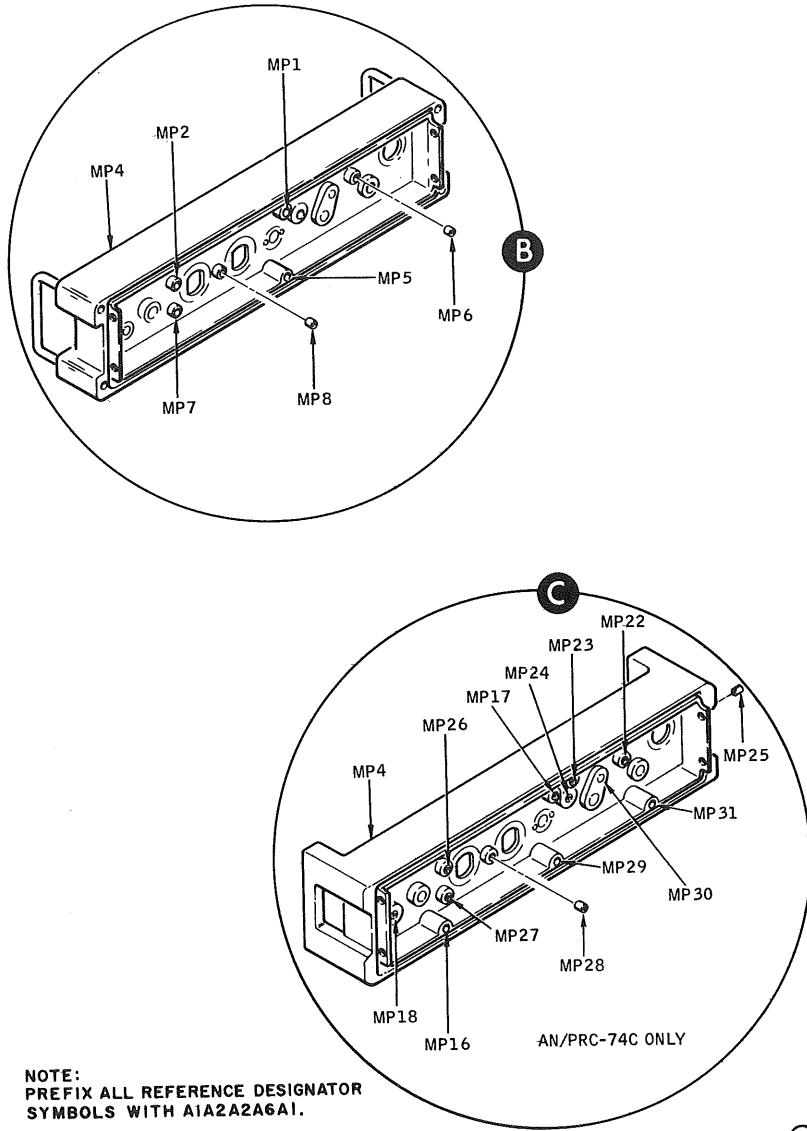
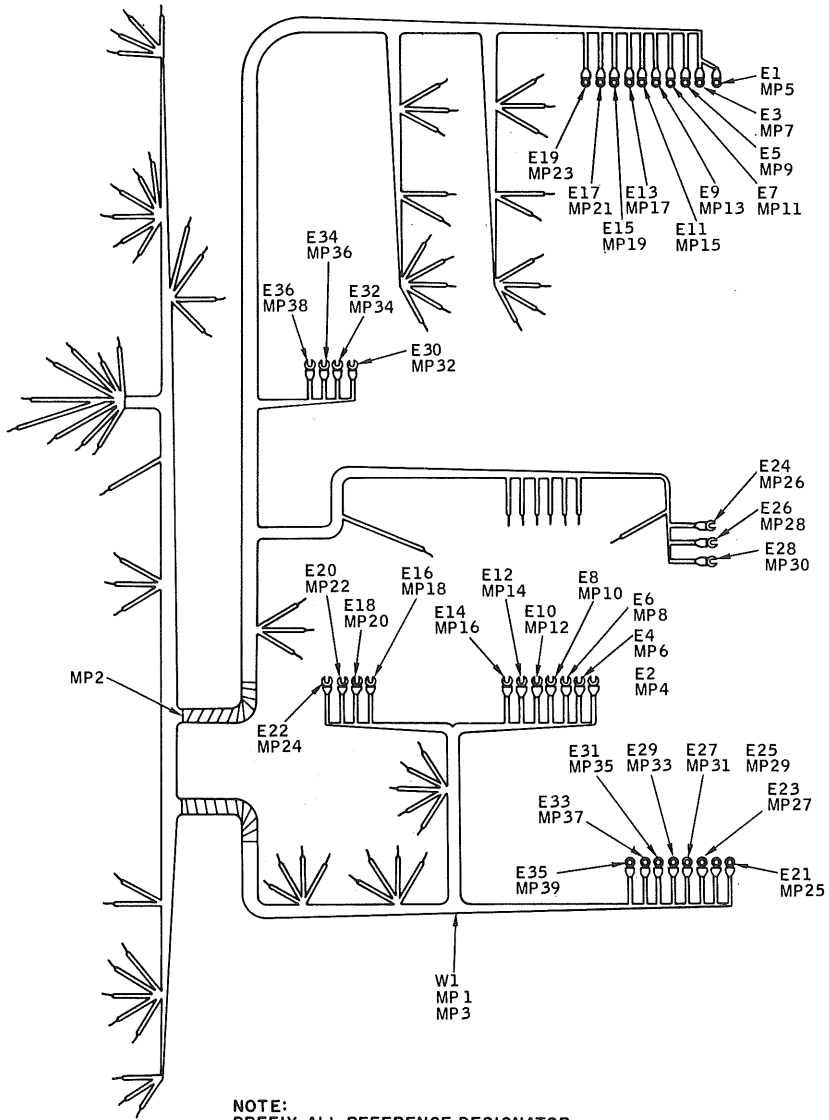


Figure F-24. Handle and clamp assembly, bottom view.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR
 SYMBOLS WITH A1A2A2W1. EL5820-590-35P-TM-14

Figure F-25. Wiring diagram, front panel.

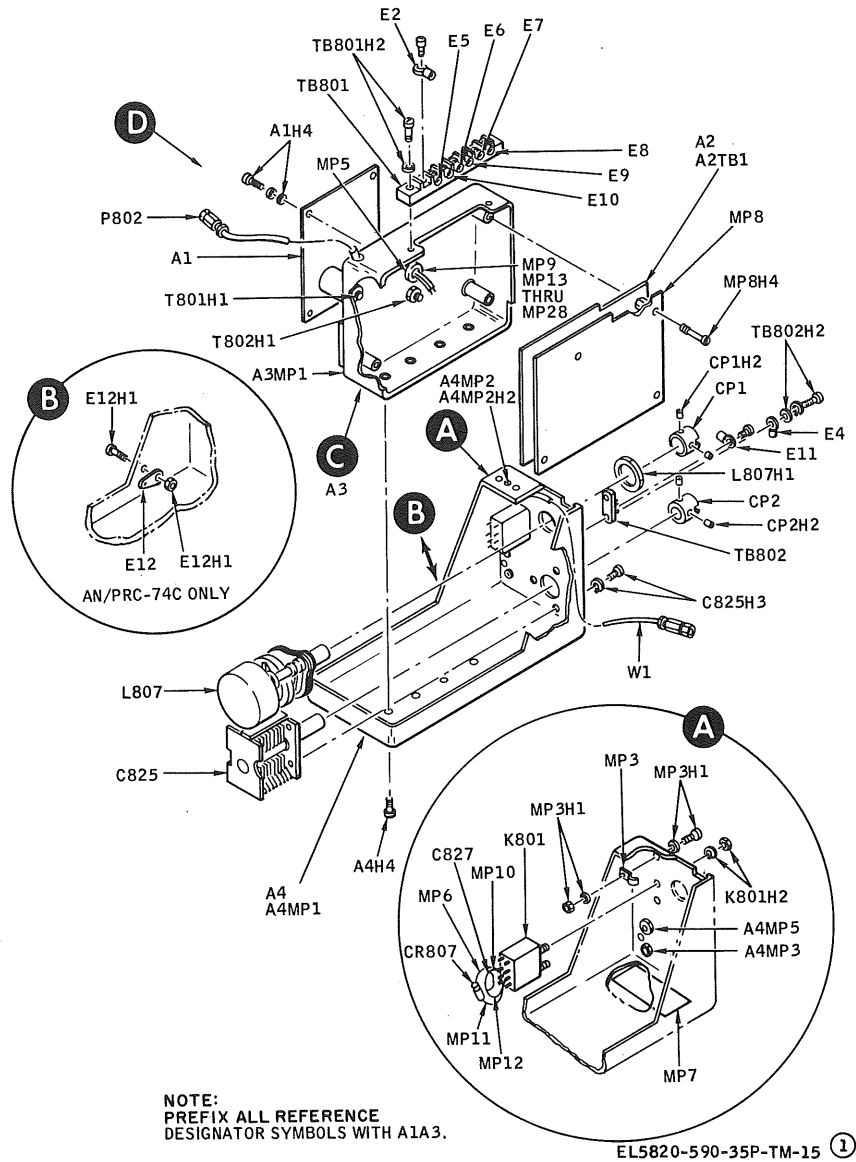
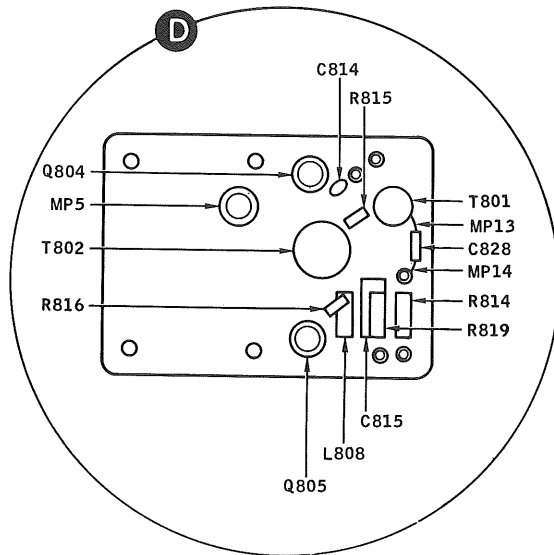
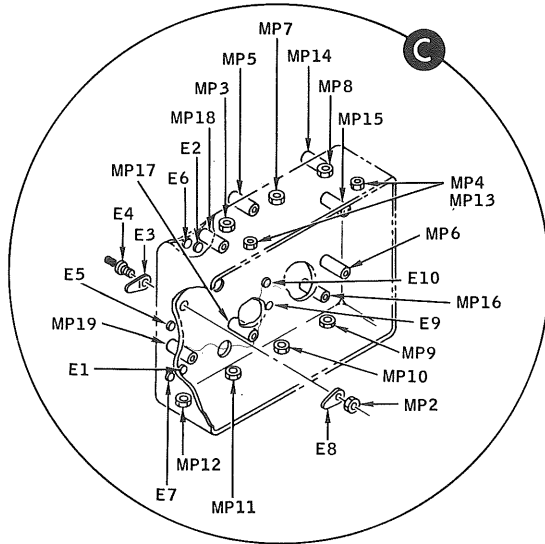


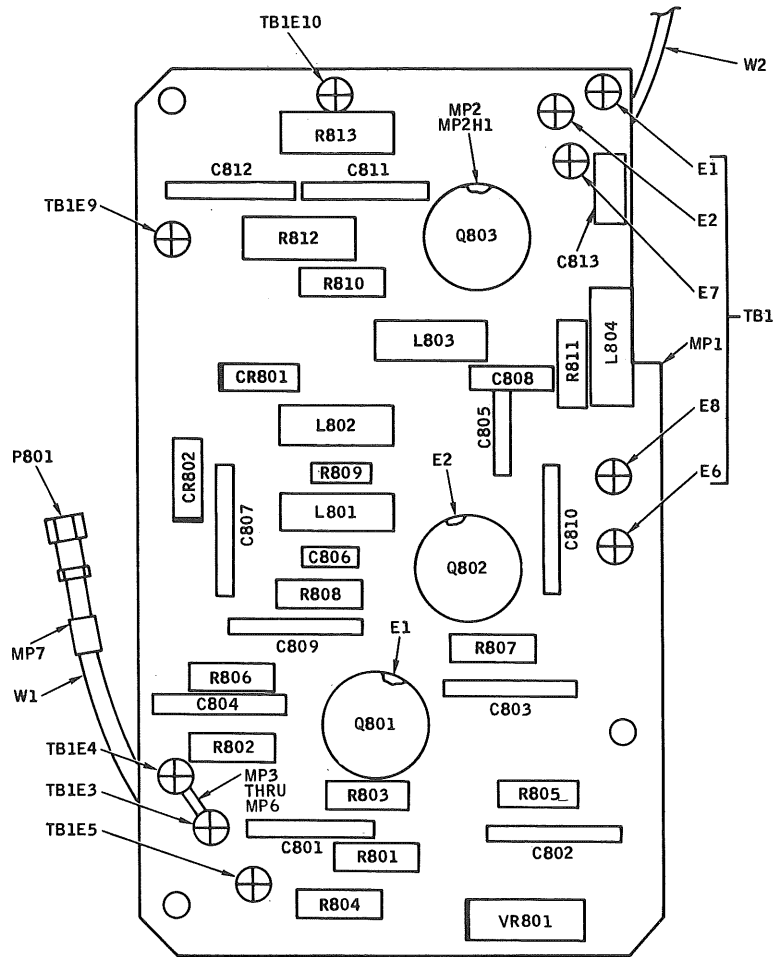
Figure F-26. Power amplifier module, exploded view.



NOTE:
 PREFIX ALL REFERENCE
 DESIGNATOR SYMBOLS WITH A1A3.

EL5820-590-35P-TM-15 (2)

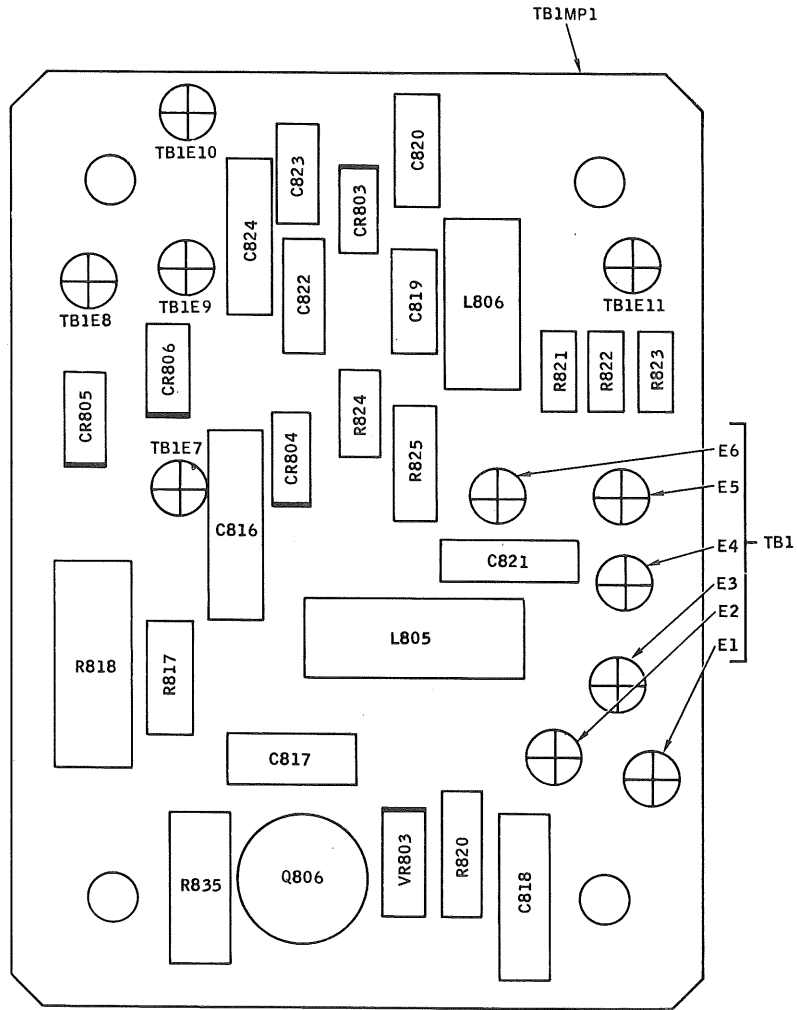
Figure F-27. Preamplifier chassis and preamplifier board.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR
 SYMBOLS WITH A1A3A2.

EL5820-590-35P-TM-16

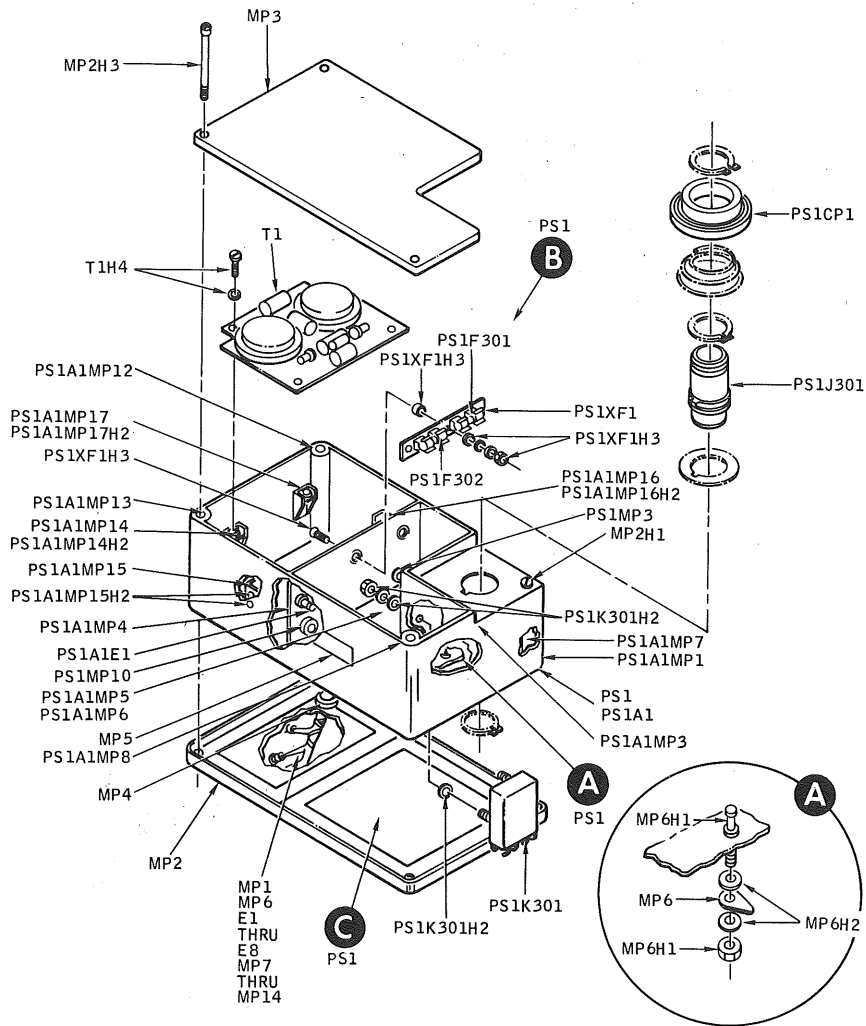
Figure F-28. Power amplifier module, right side component board.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR
SYMBOLS WITH AIA3A1.

EL5820-590-35P-TM-17

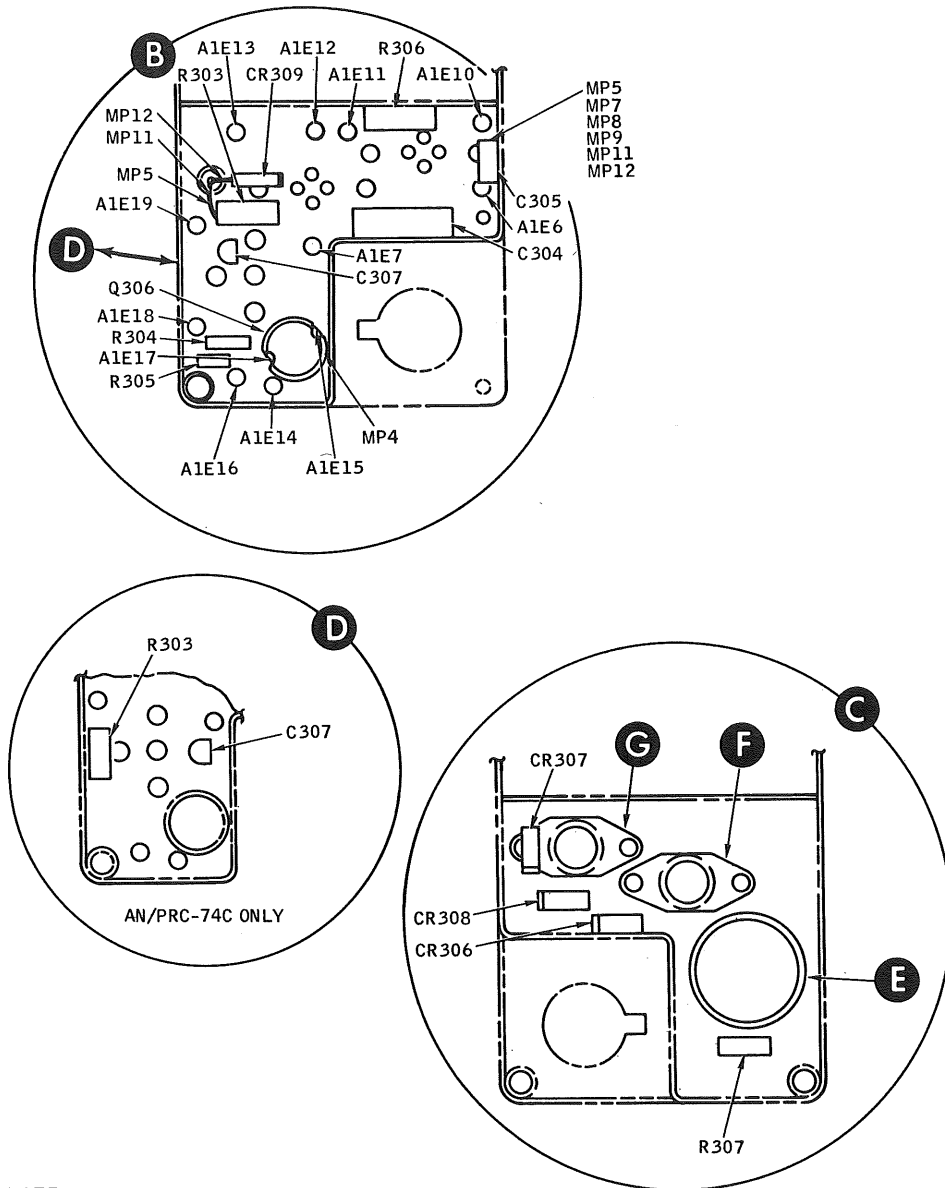
Figure F-29. Power amplifier module, left side component board.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1A4.

EL5820-590-35P-TM-IB (1)

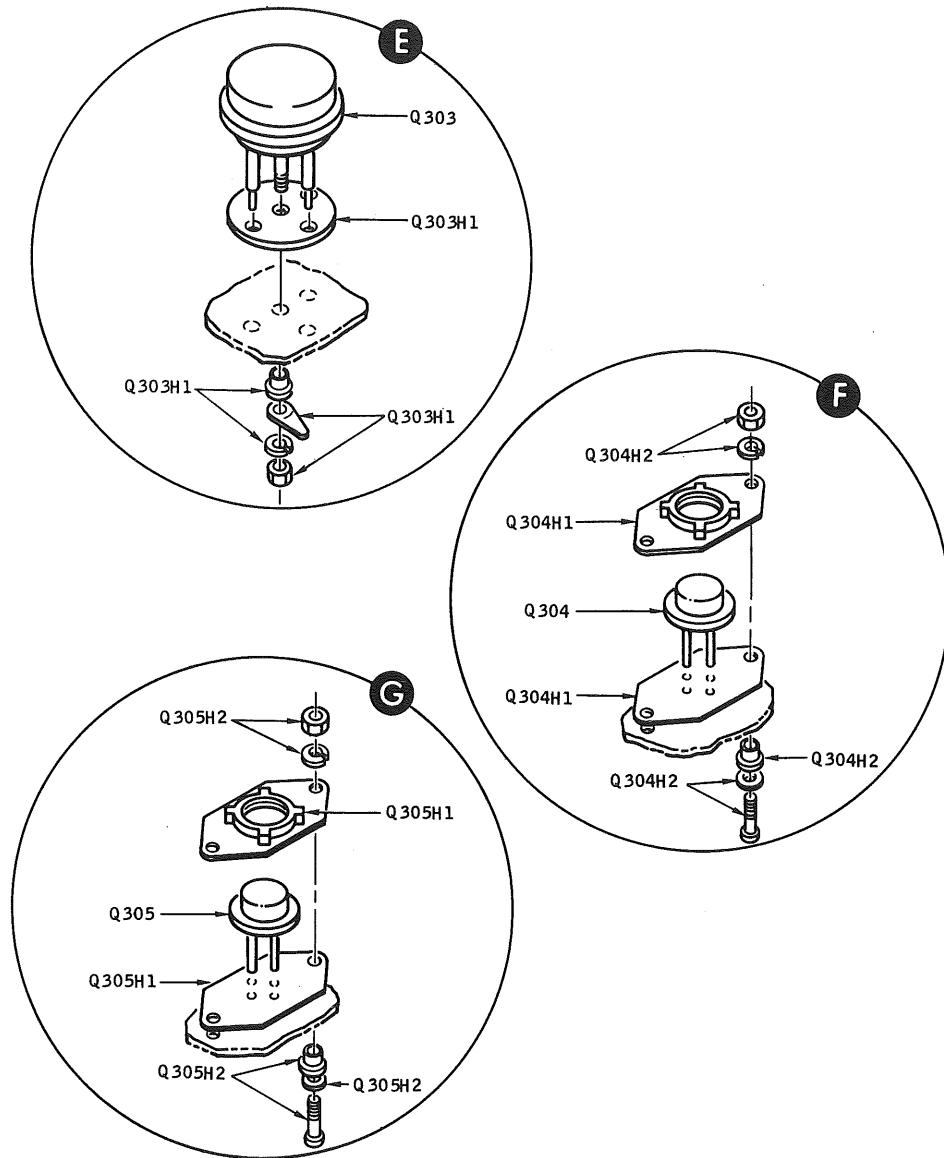
Figure F-30. Power supply module, exploded view.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1A4PS1.

EL5820-590-35P-TM-18 (2)

Figure F-31. Fuse block, exploded view.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1A4PS1 .

EL5820-590-35P-TM-18 (3)

Figure F-32. Transistors for power supply module.

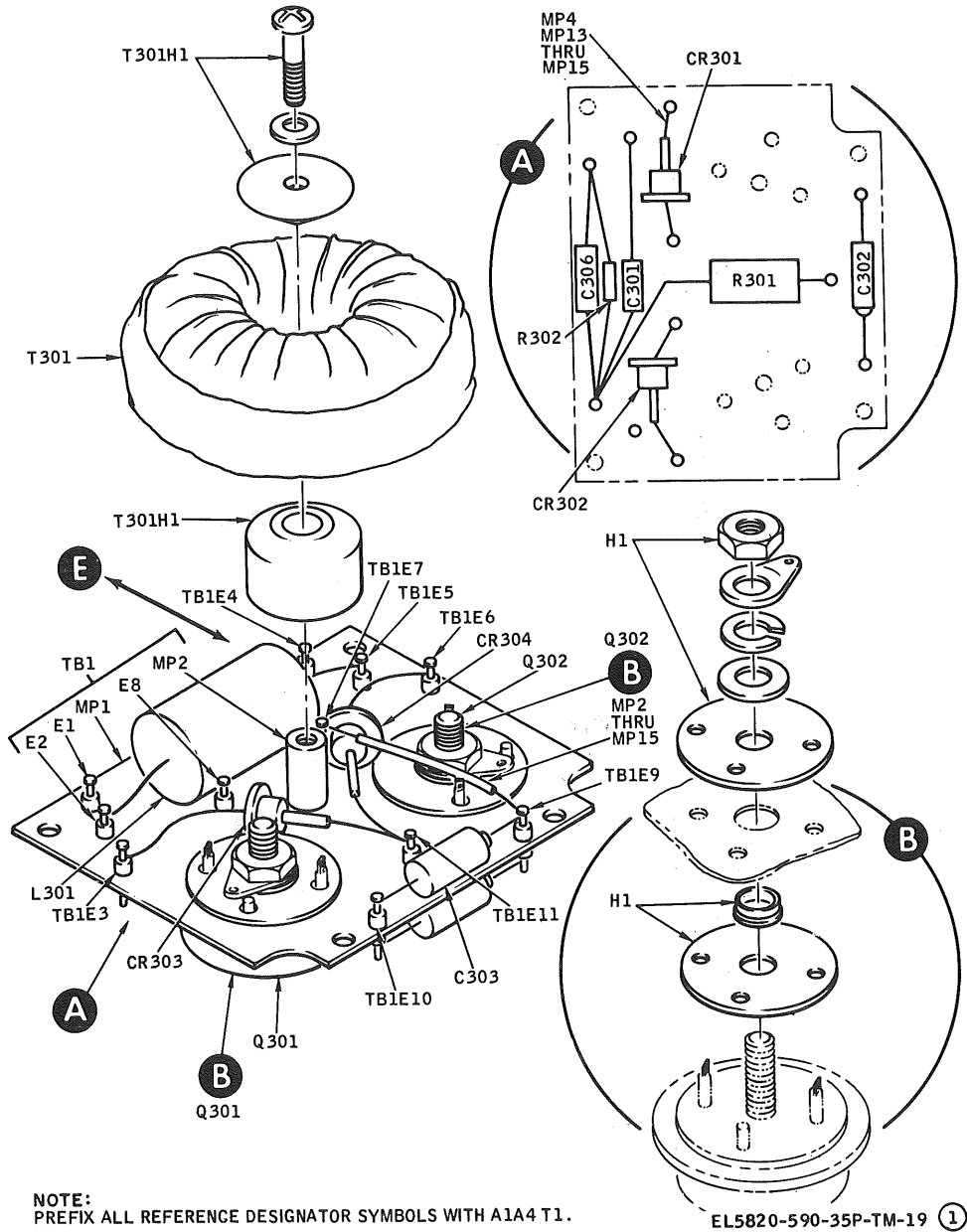


Figure F-33. Power transformer and rectifier board.

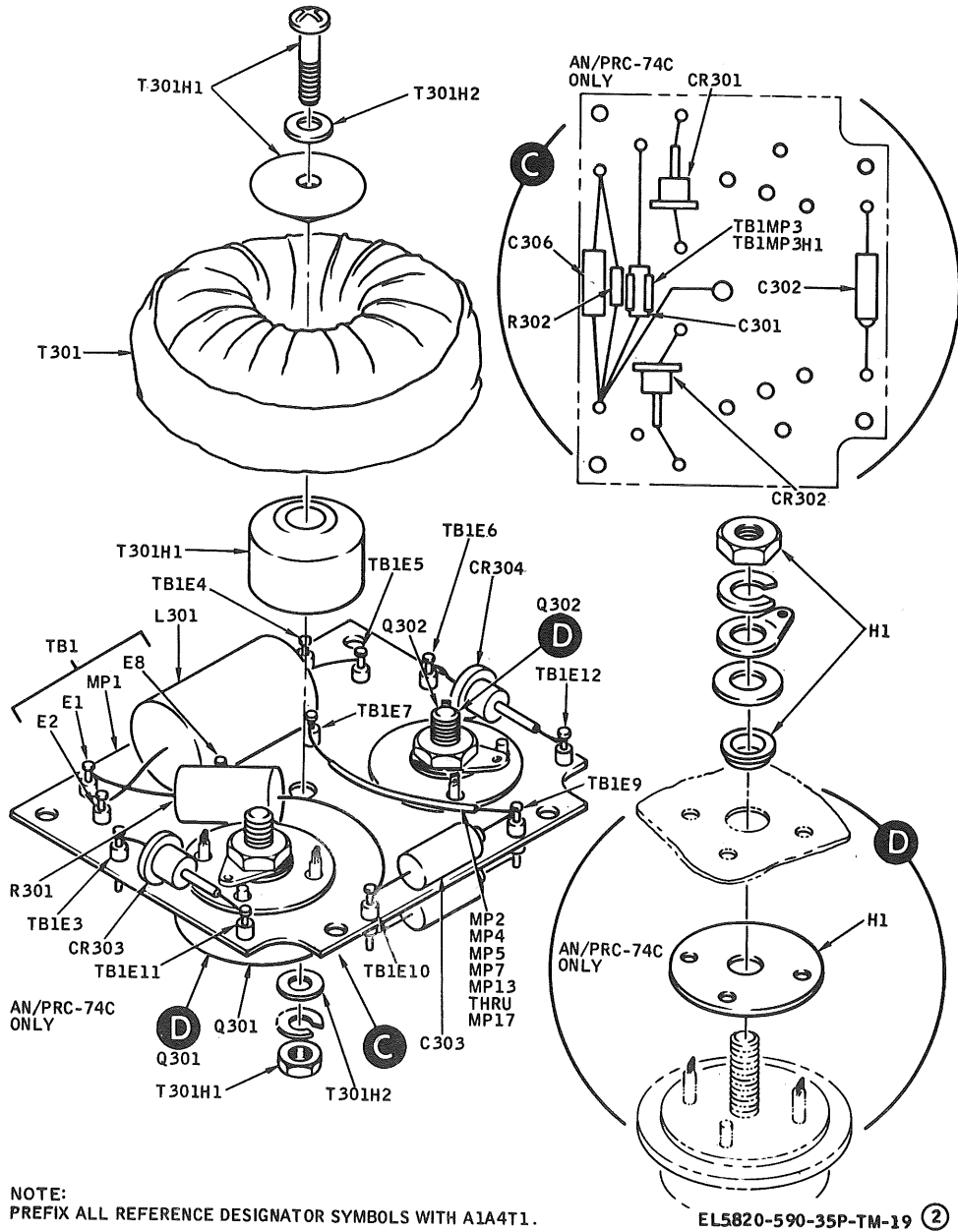


Figure F-34. Power transformer and rectifier board.

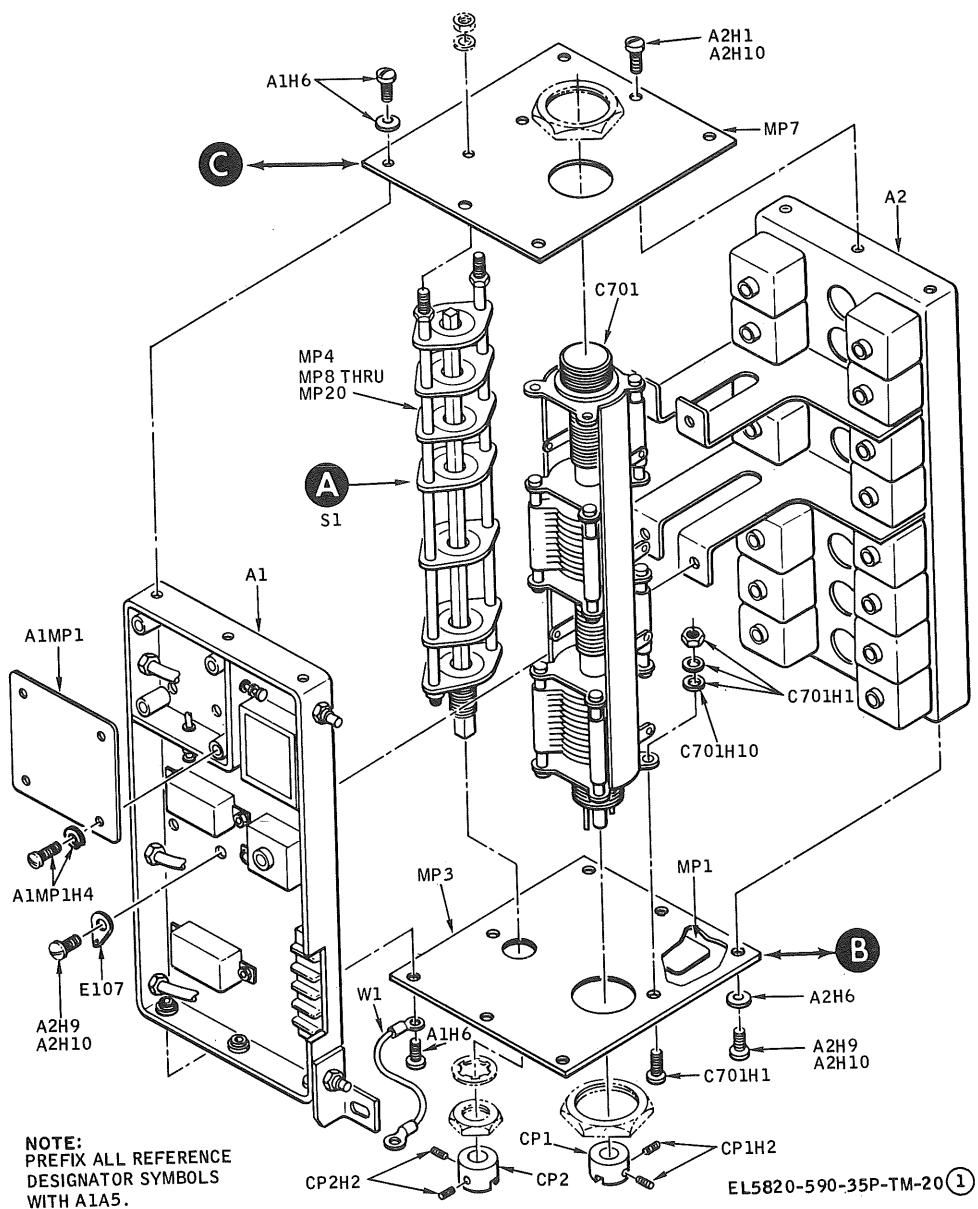
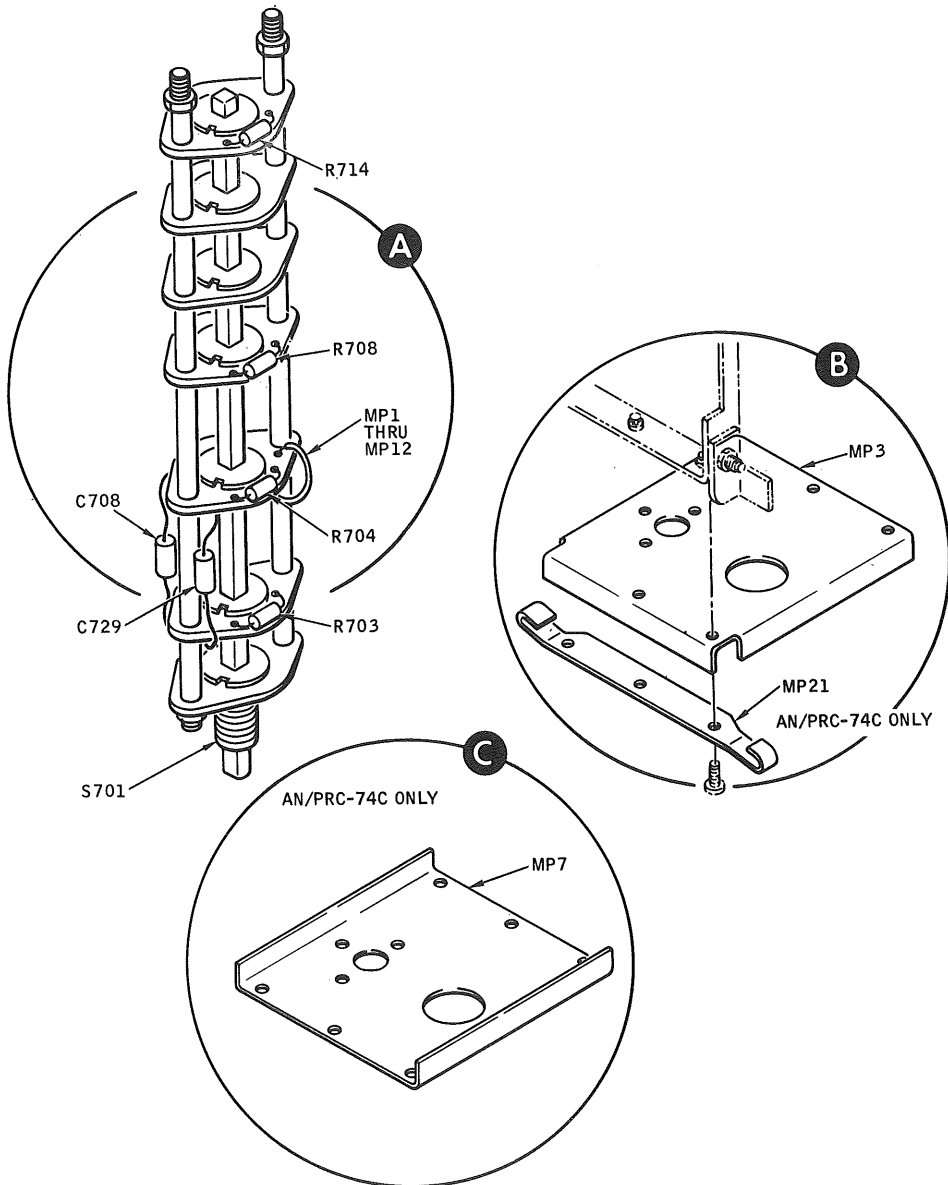


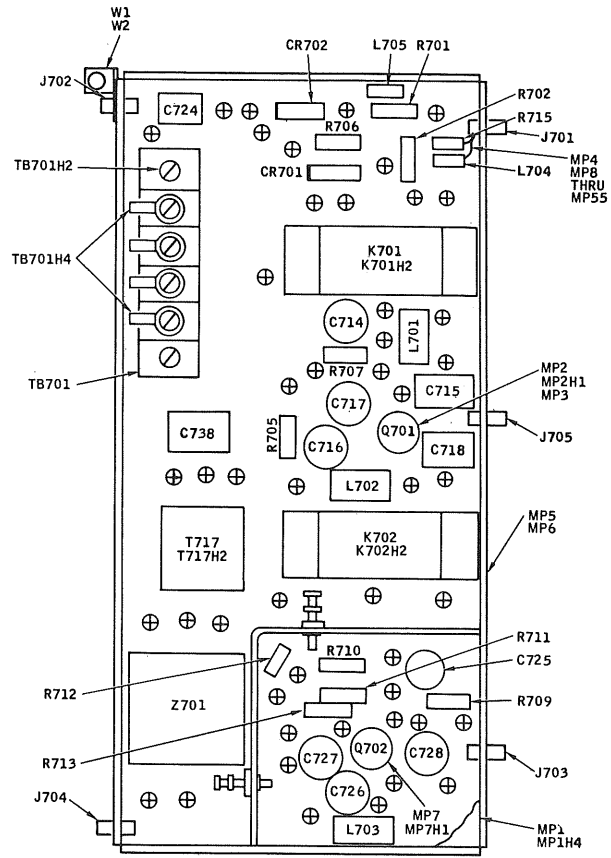
Figure F-35. RF module, exploded view.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1A5.

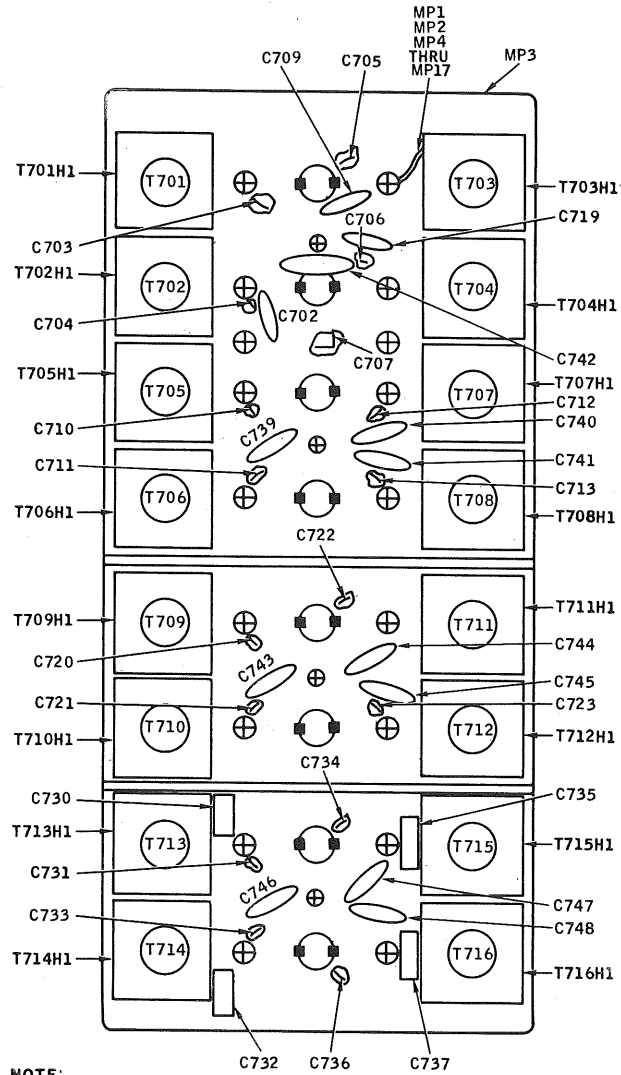
EL5820-590-35P-TM-20 (2)

Figure F-36. Bandswitch S1 and front chassis plate.



NOTE:
 PREFIX ALL REFERENCE
 DESIGNATOR SYMBOLS WITH A1A5A1. EL5820-590-35P-TM-21

Figure F-37. RF module, upper tray.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR
 SYMBOLS WITH AIA5A2.

EL5820-590-35P-TM-22

Figure F-38. RF module, top view.

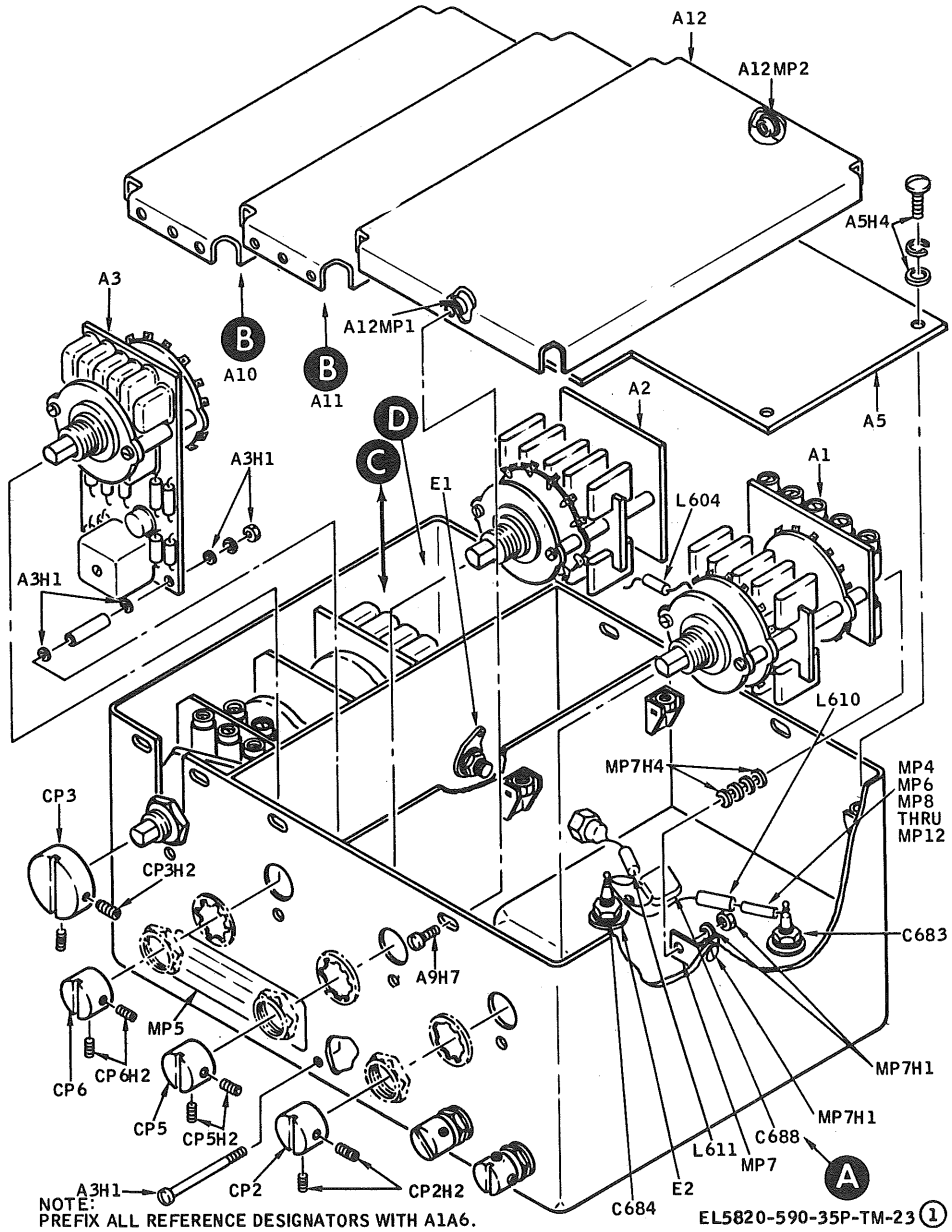


Figure F-39. Frequency synthesizer module 1 of 2.

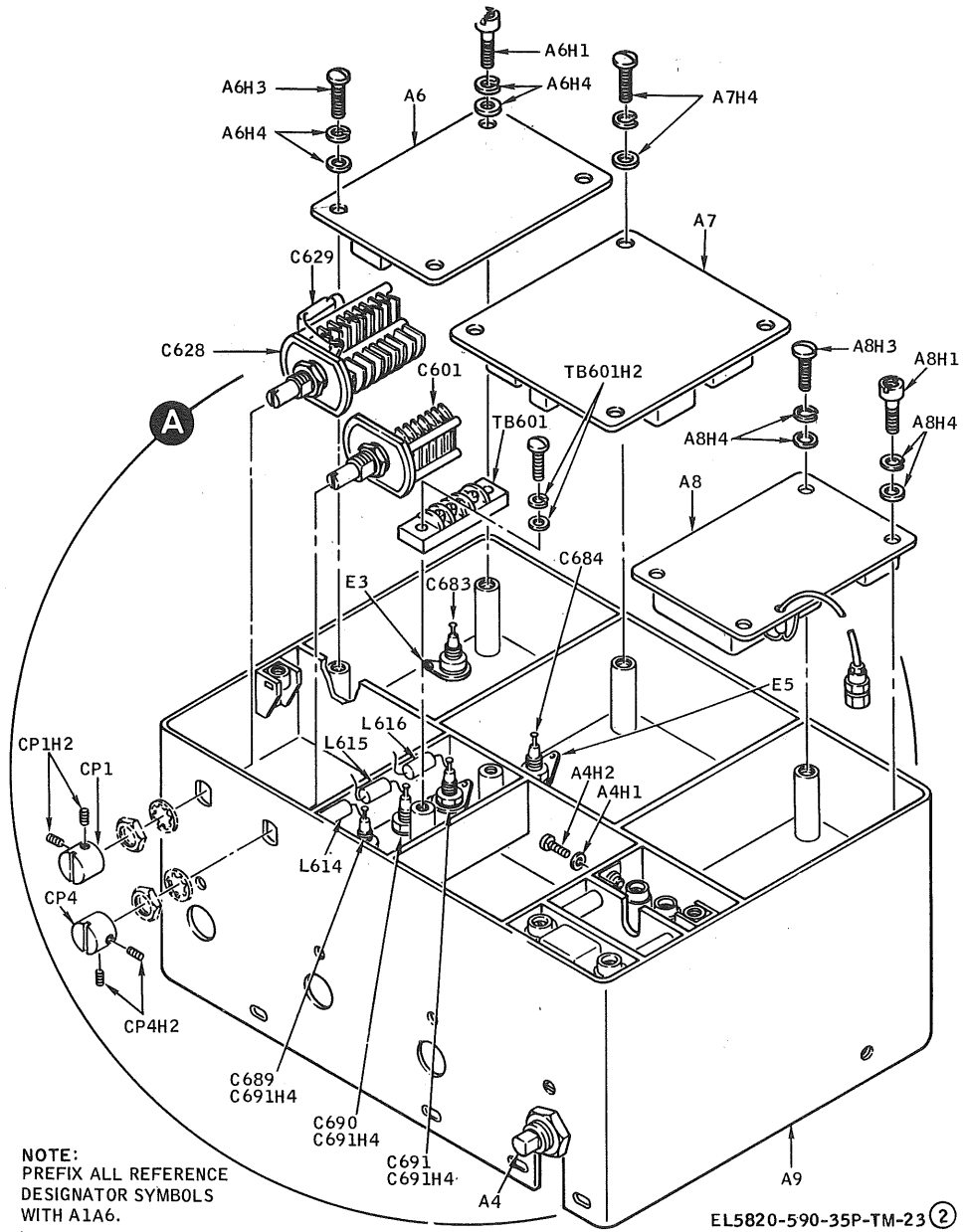


Figure F-40. Frequency synthesizer module 2 of 2.

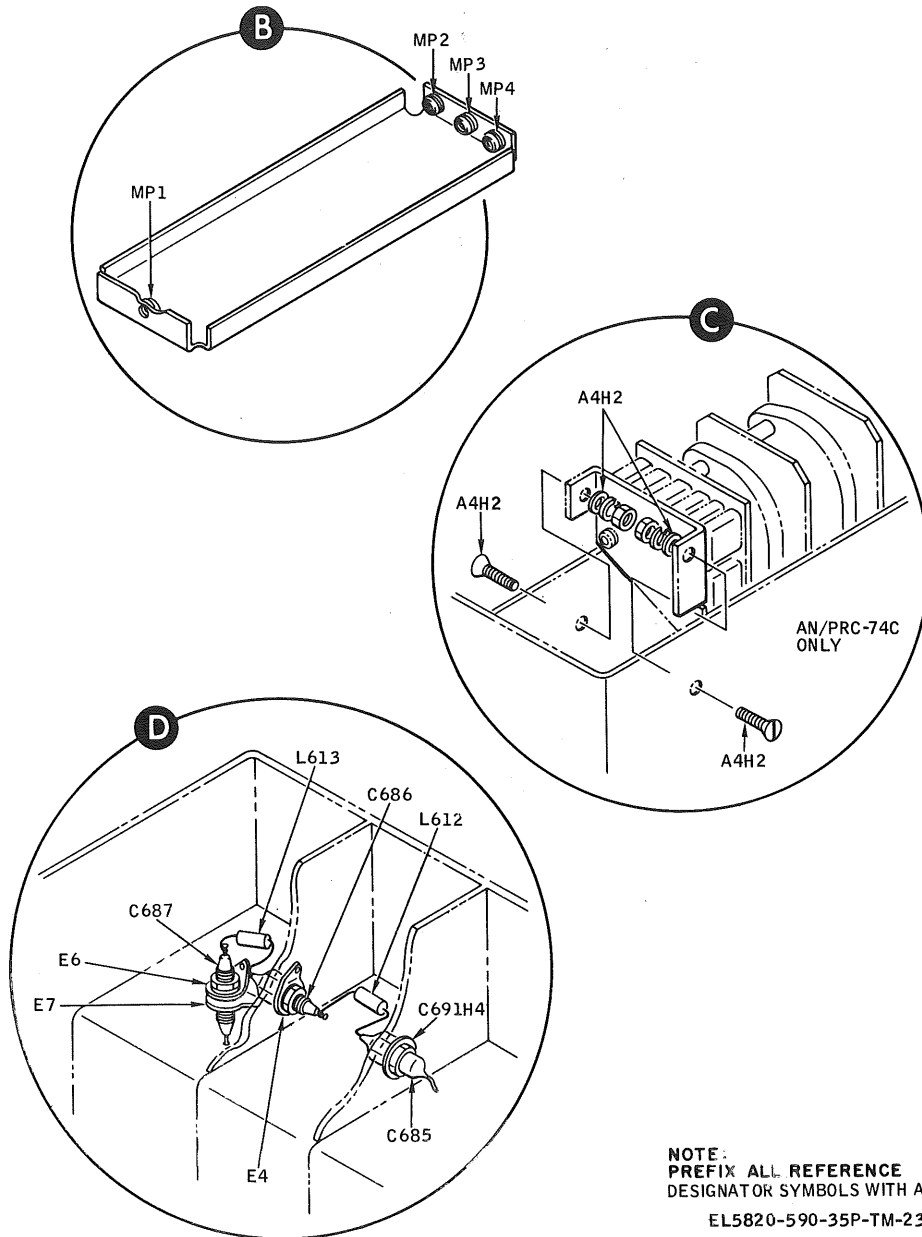


Figure F-41. Small module cover and switch assembly.

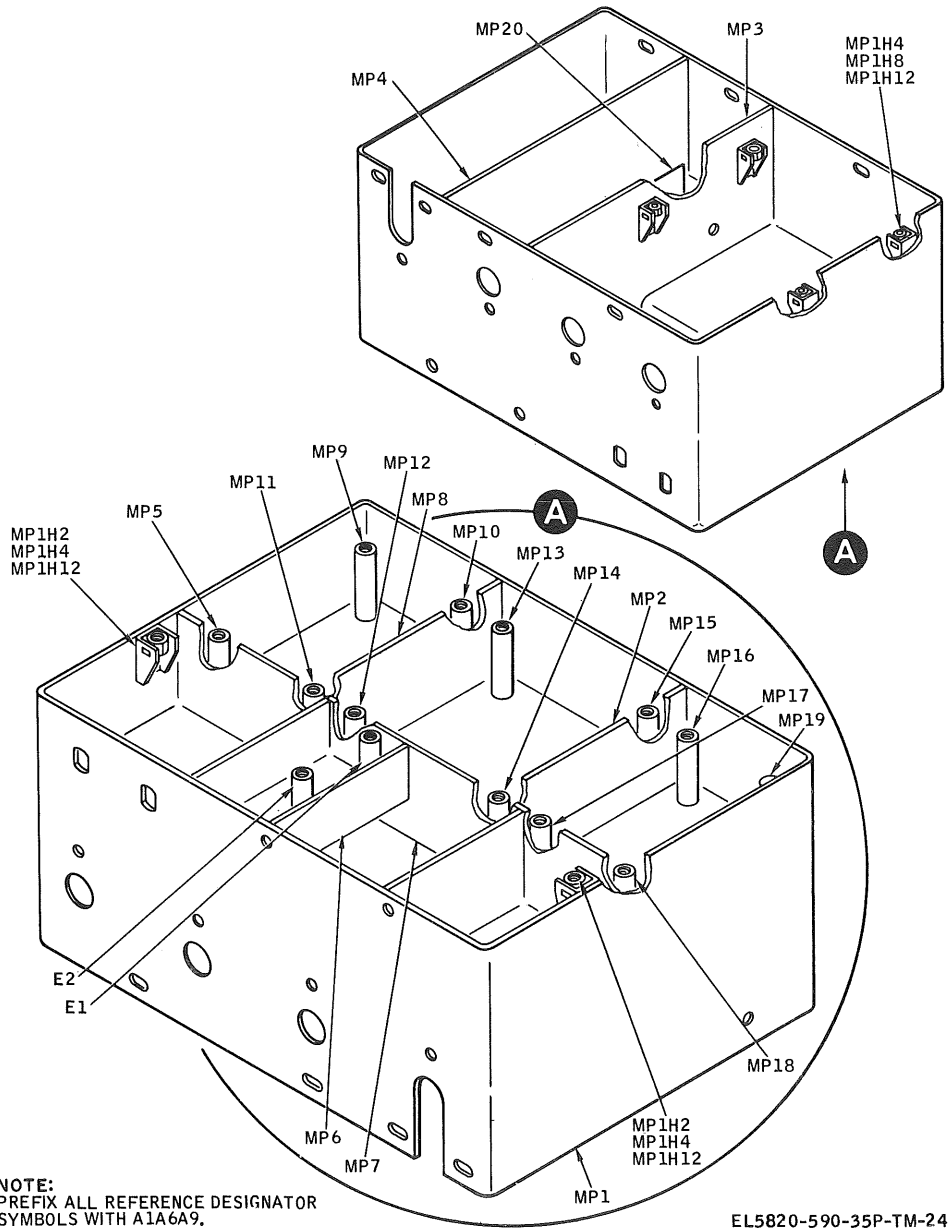
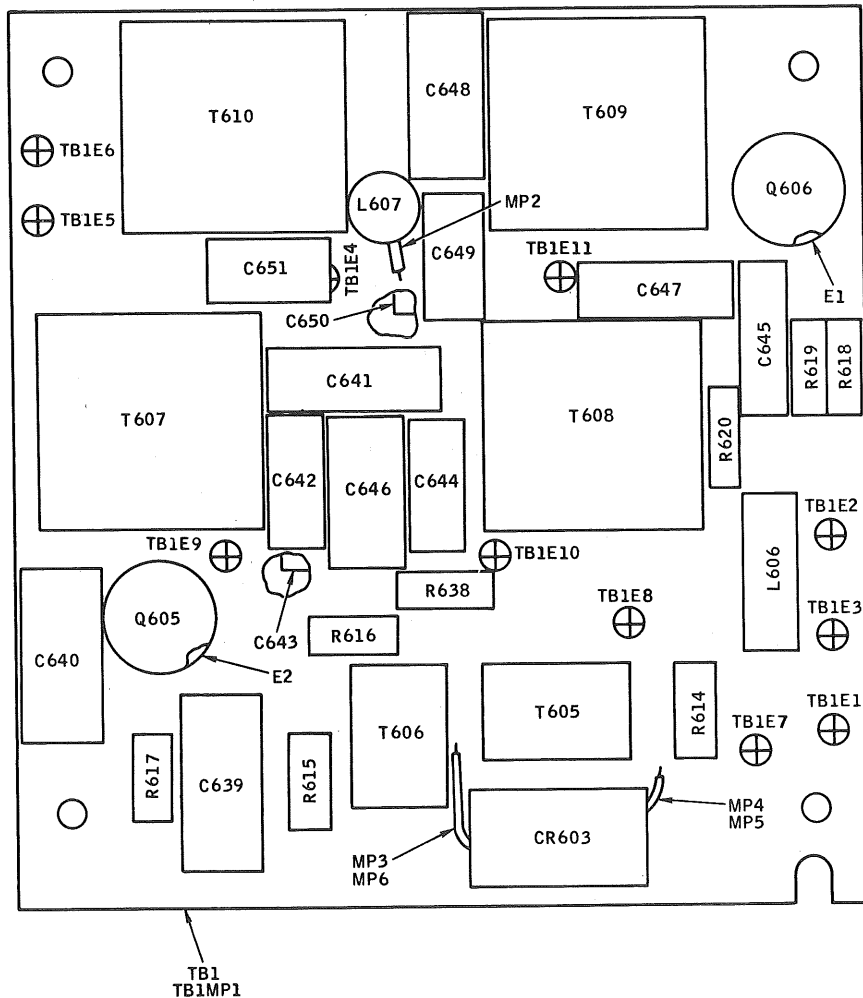


Figure F-42. Frequency synthesizer module, chassis.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1A6A7.

EL5820-590-35P-TM-25

Figure F-43. Frequency synthesizer module, circuit board A7.

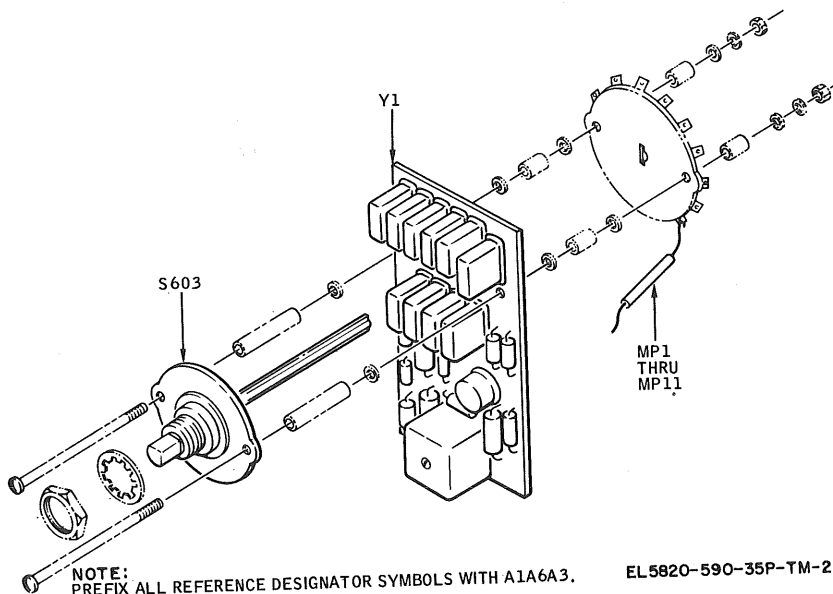


Figure F-44. Frequency synthesizer module, switch A3 disassembly.

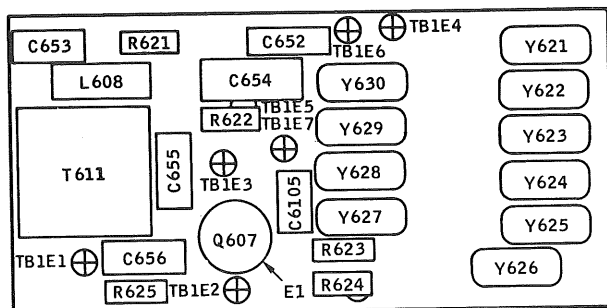


Figure F-45. Frequency synthesizer module, switch A3 component board.

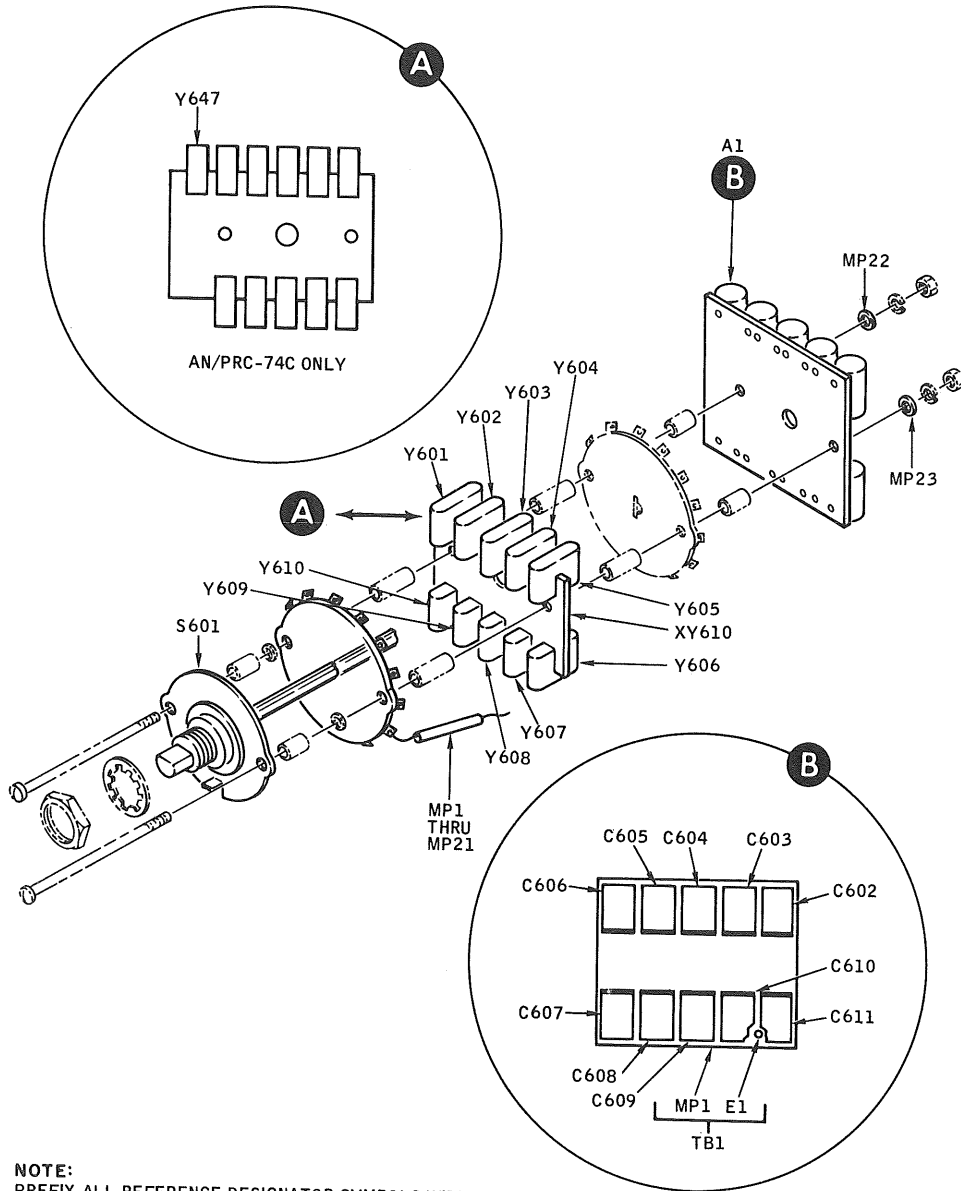


Figure F-46: Frequency synthesizer module, switch A1 disassembly.

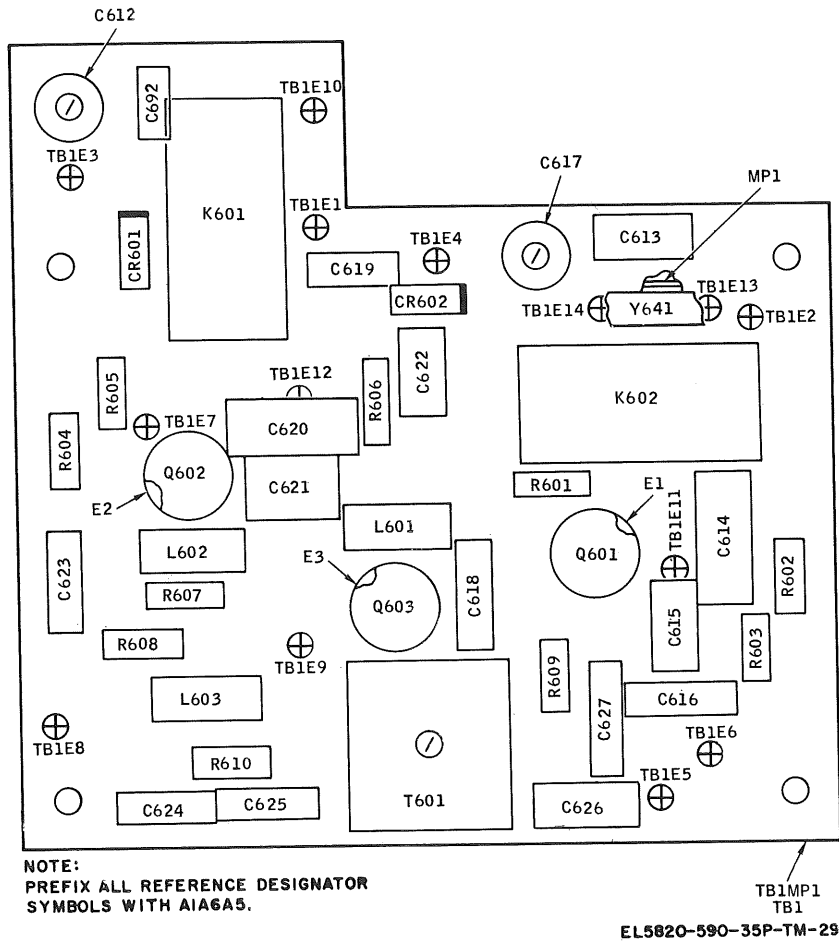


Figure F-47. Circuit board A5, location of components.

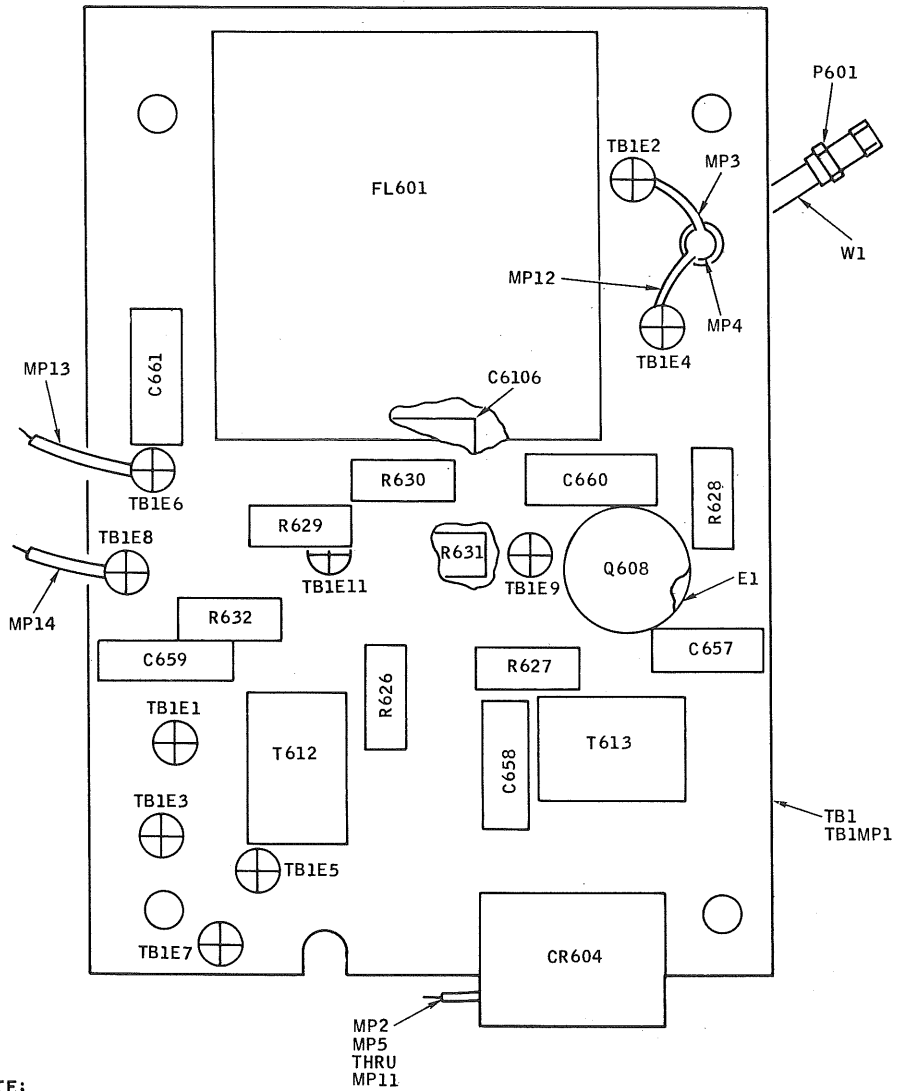


Figure F-48. Circuit board A8.

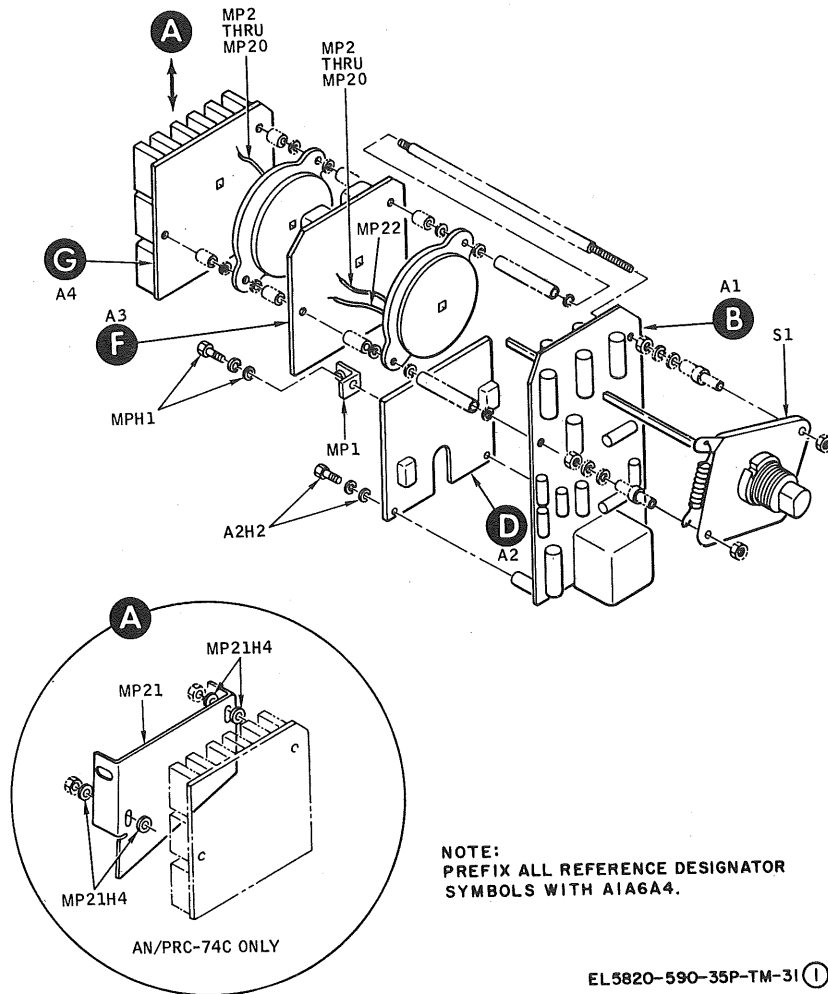
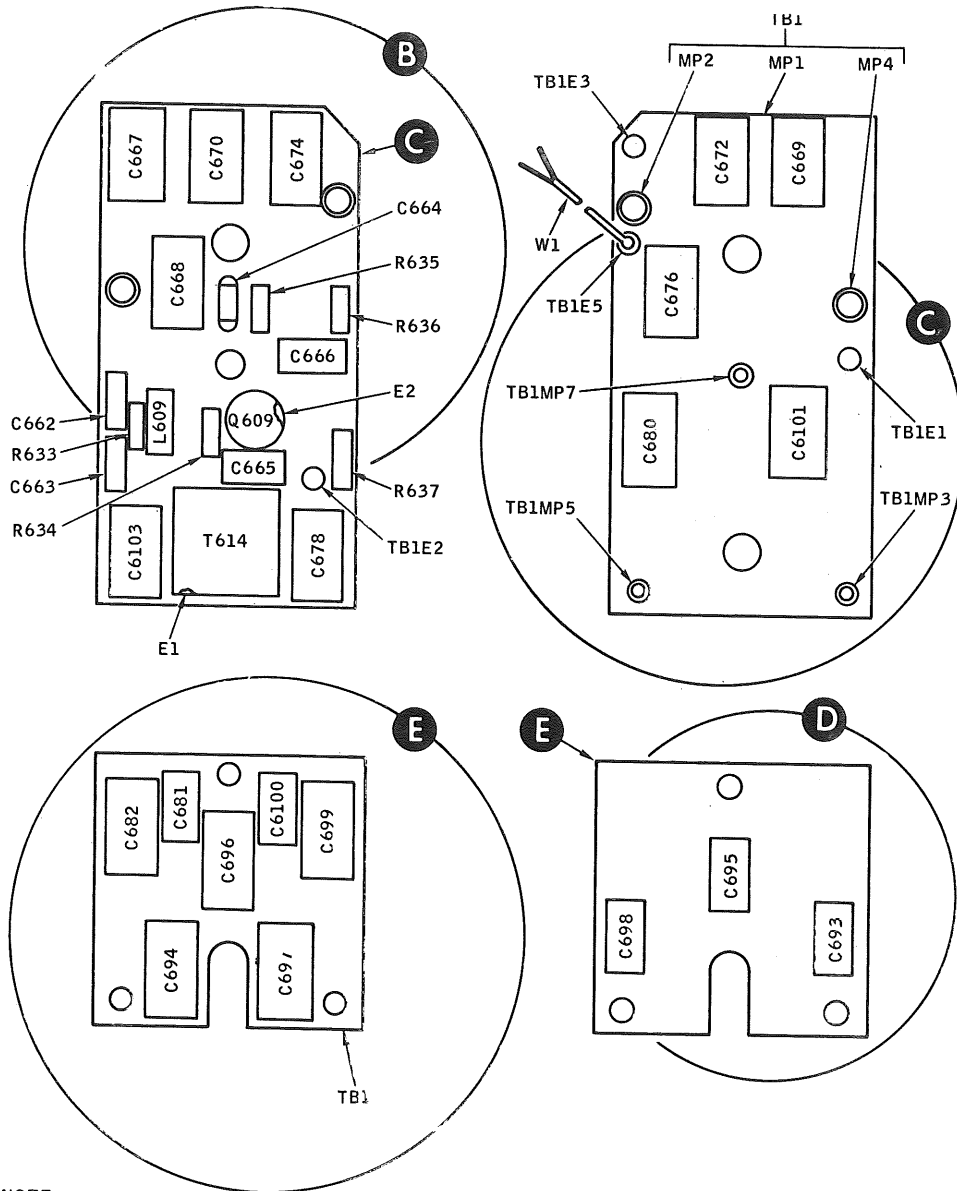


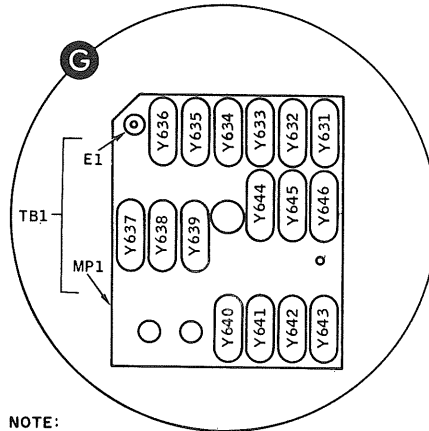
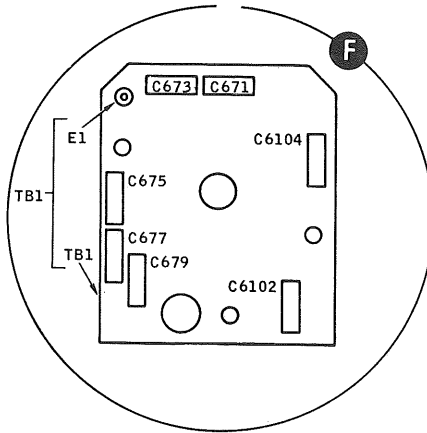
Figure F-49. Frequency synthesizer module, switch A4 disassembly.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1A6A4.

EL5820-590-35P-TM-31(2)

Figure F-50. Frequency synthesizer module, component boards 1 and 2.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR
 SYMBOLS WITH AIA6A4.

EL5820-590-35P-TM-31 (3)

Figure F-51. Frequency synthesizer module, component boards 3 and 4.

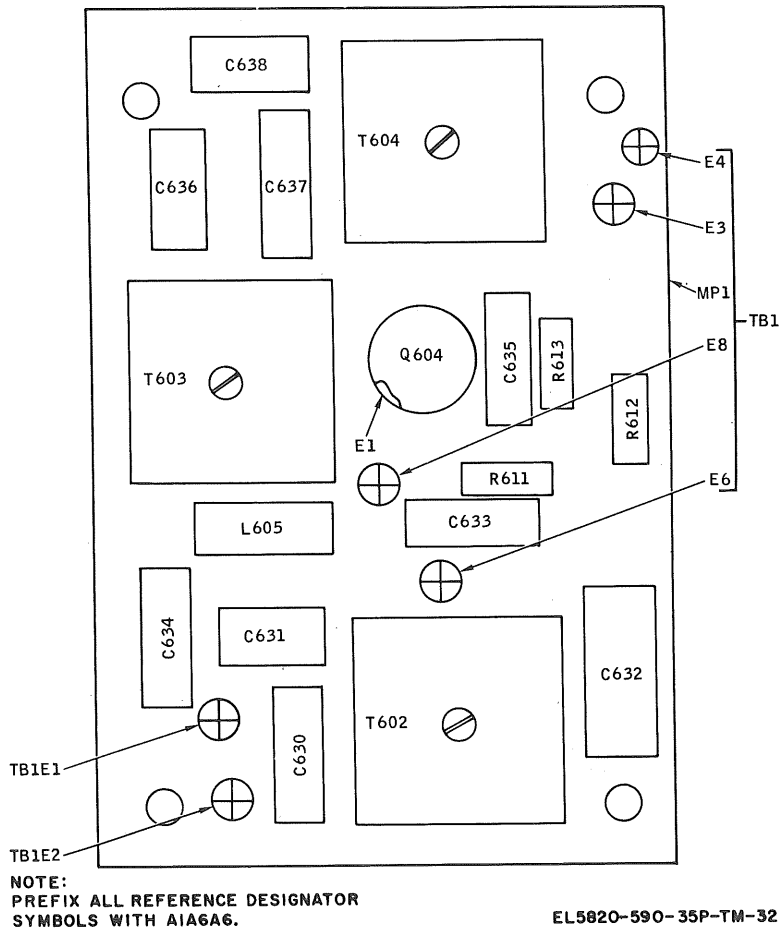


Figure F-52. Circuit board A6.

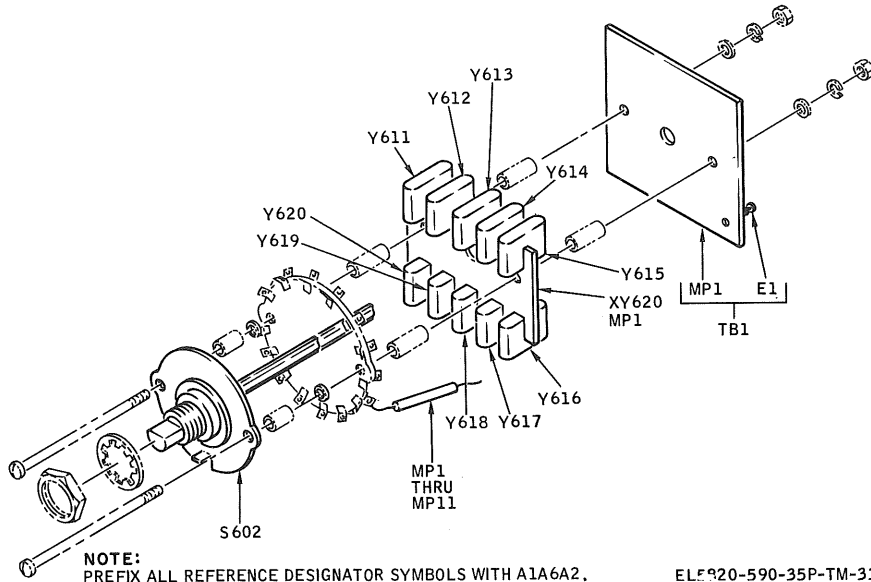
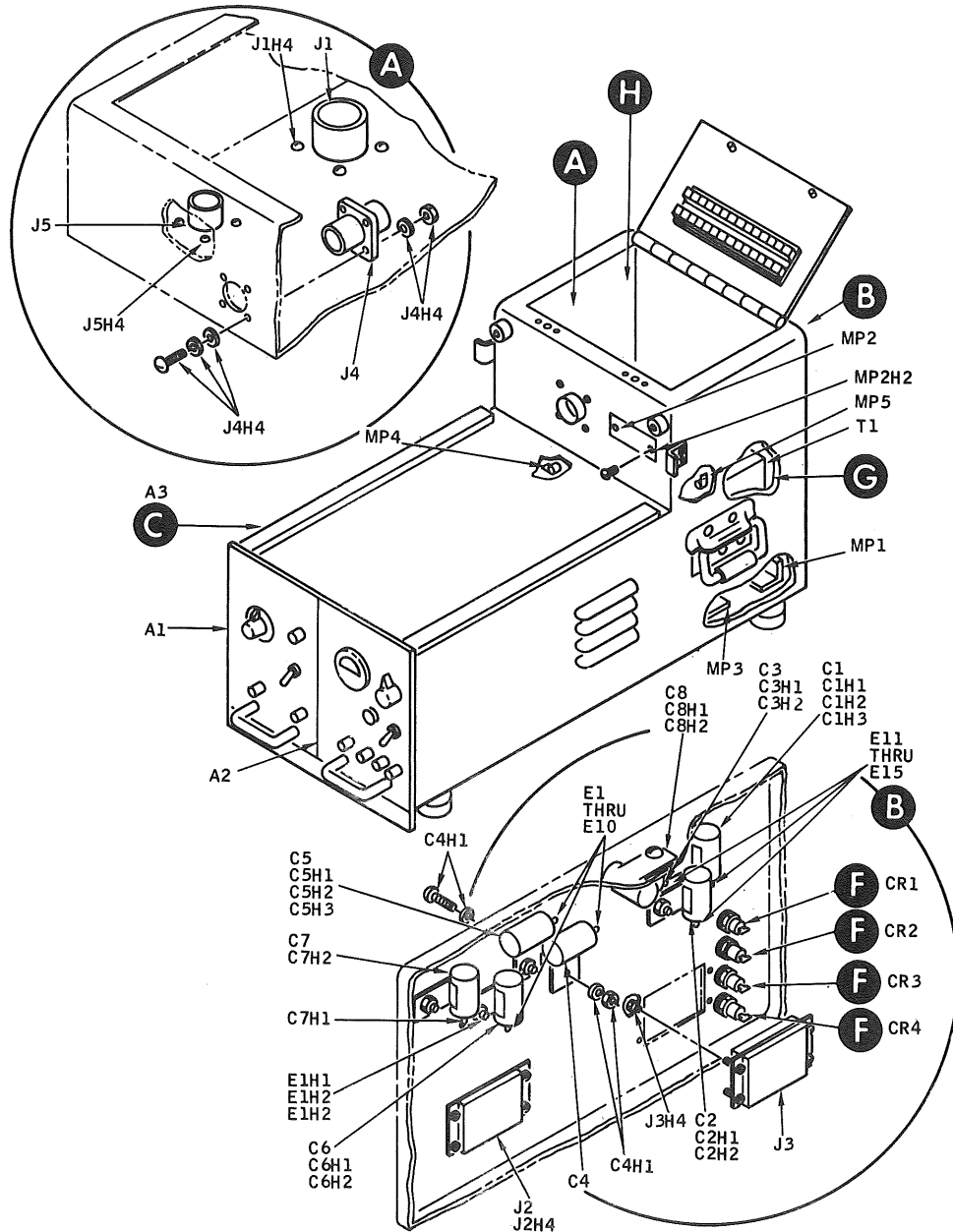
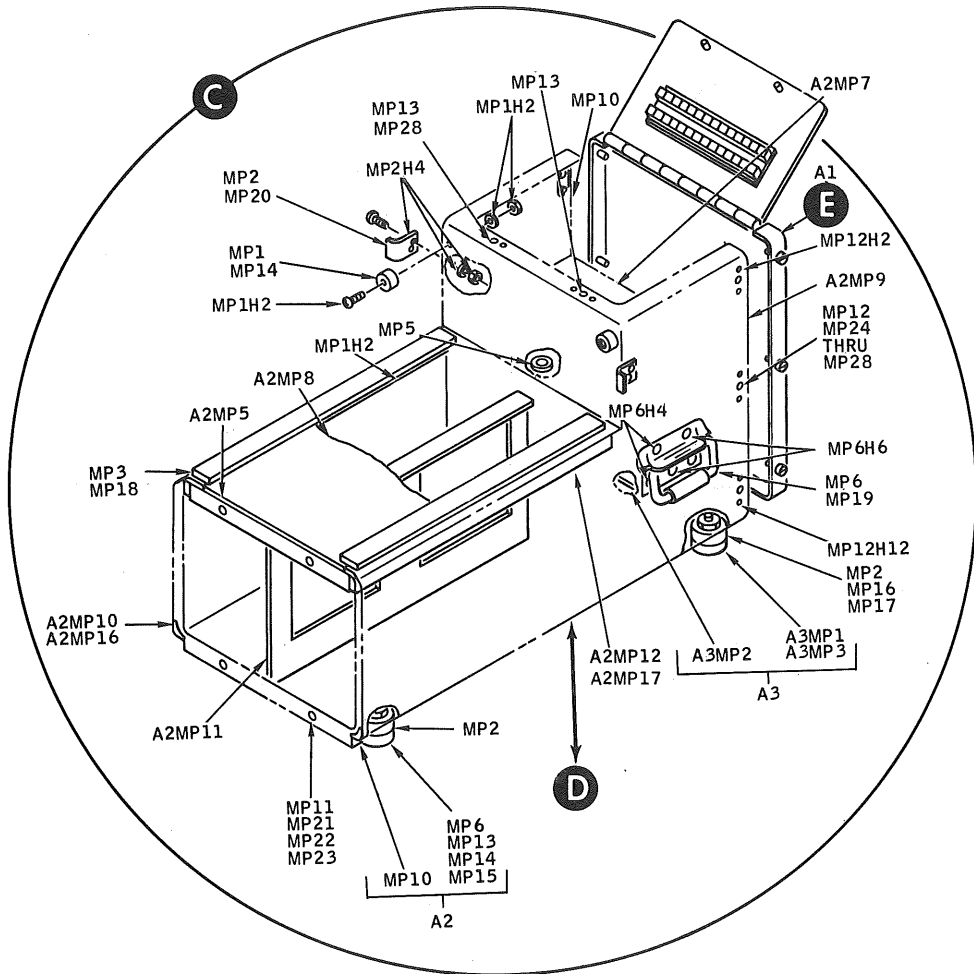


Figure F-53. Frequency synthesizer module, switch A2.



EL5820-590-35P-TM-34

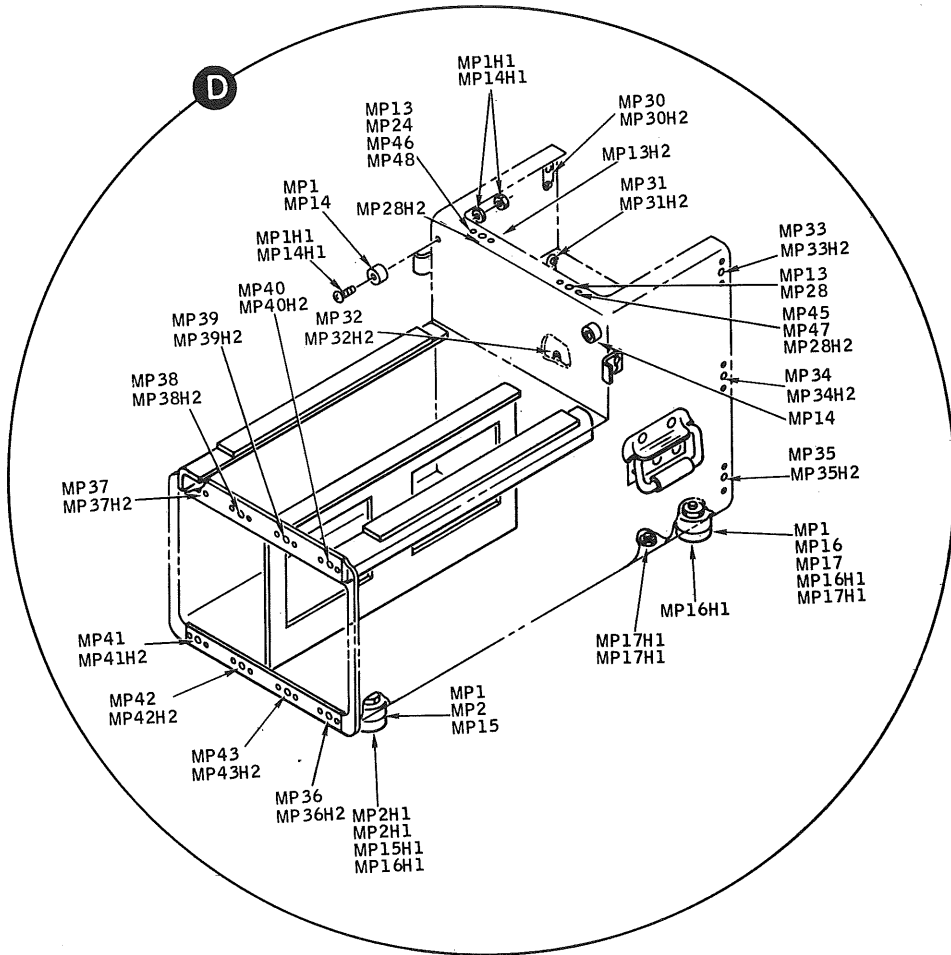
Figure F-54. Power supply PP-4514/PRC-74.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A3.

EL5820-590-35P-TM-35

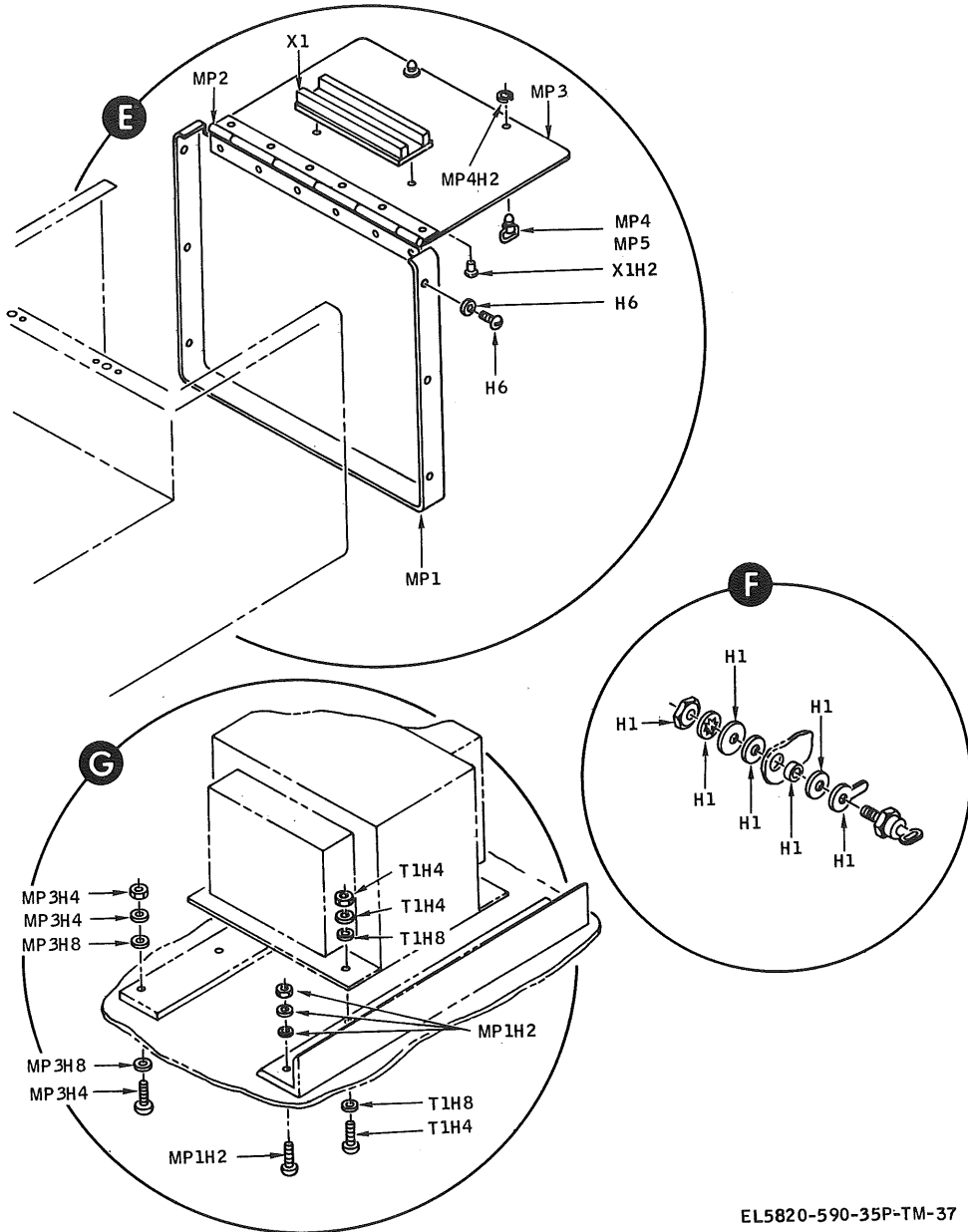
Figure F-55. Power supply case disassembly.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A3.

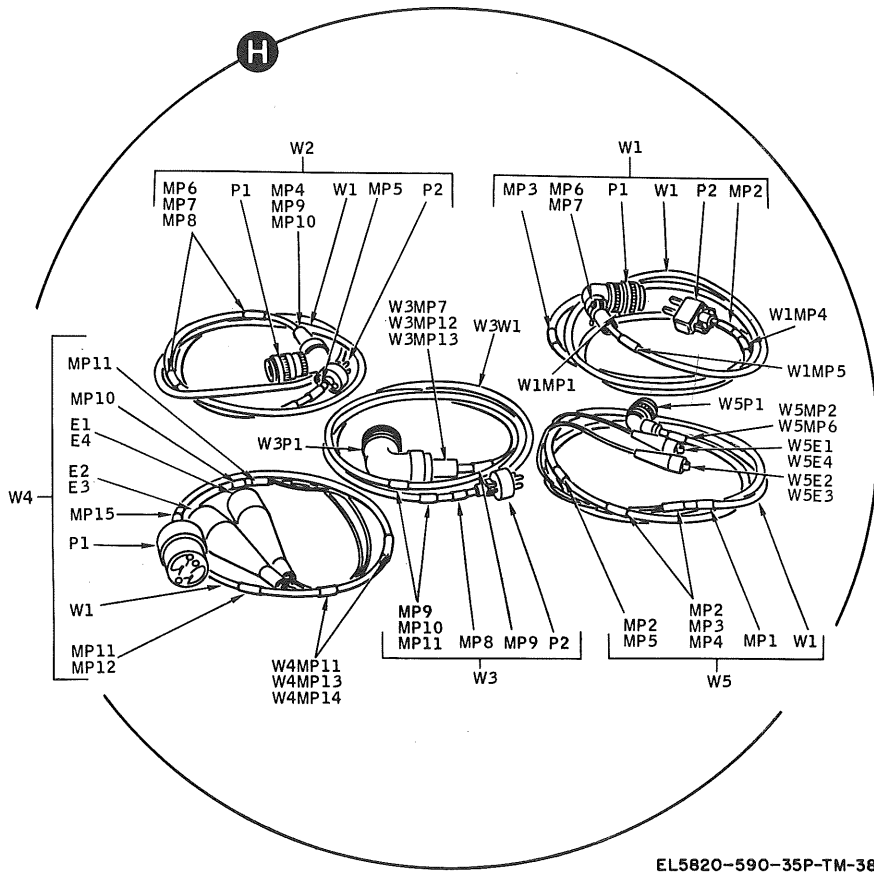
EL5820-590-35P-TM-36

Figure F-56. Power supply case disassembly.



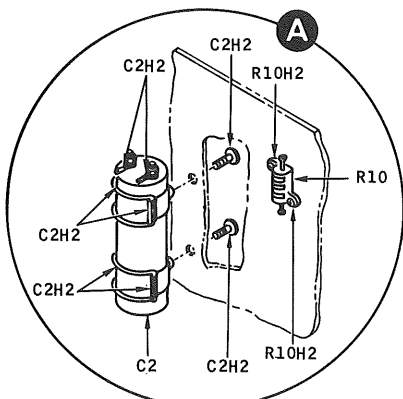
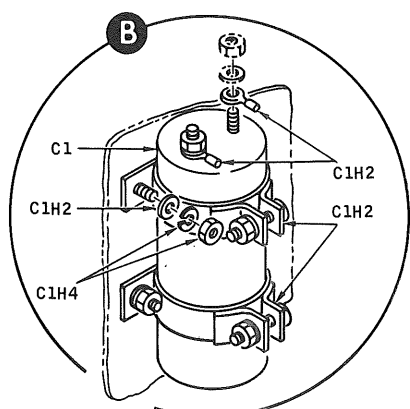
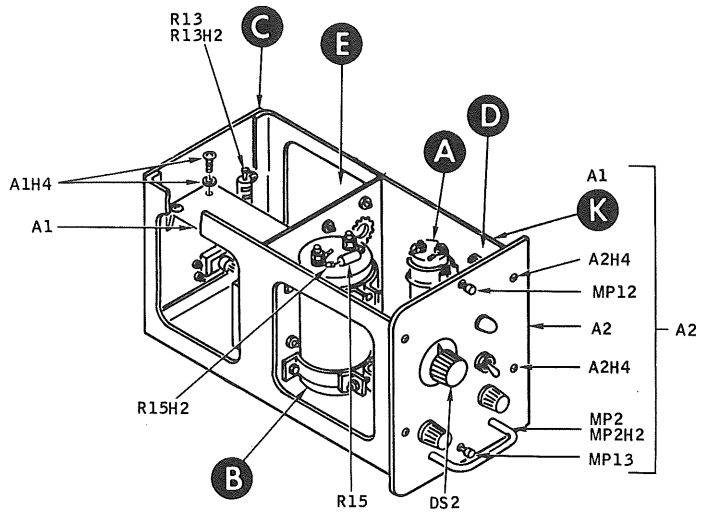
EL5820-590-35P-TM-37

Figure F-57. Power supply case disassembly.



EL5820-590-35P-TM-38

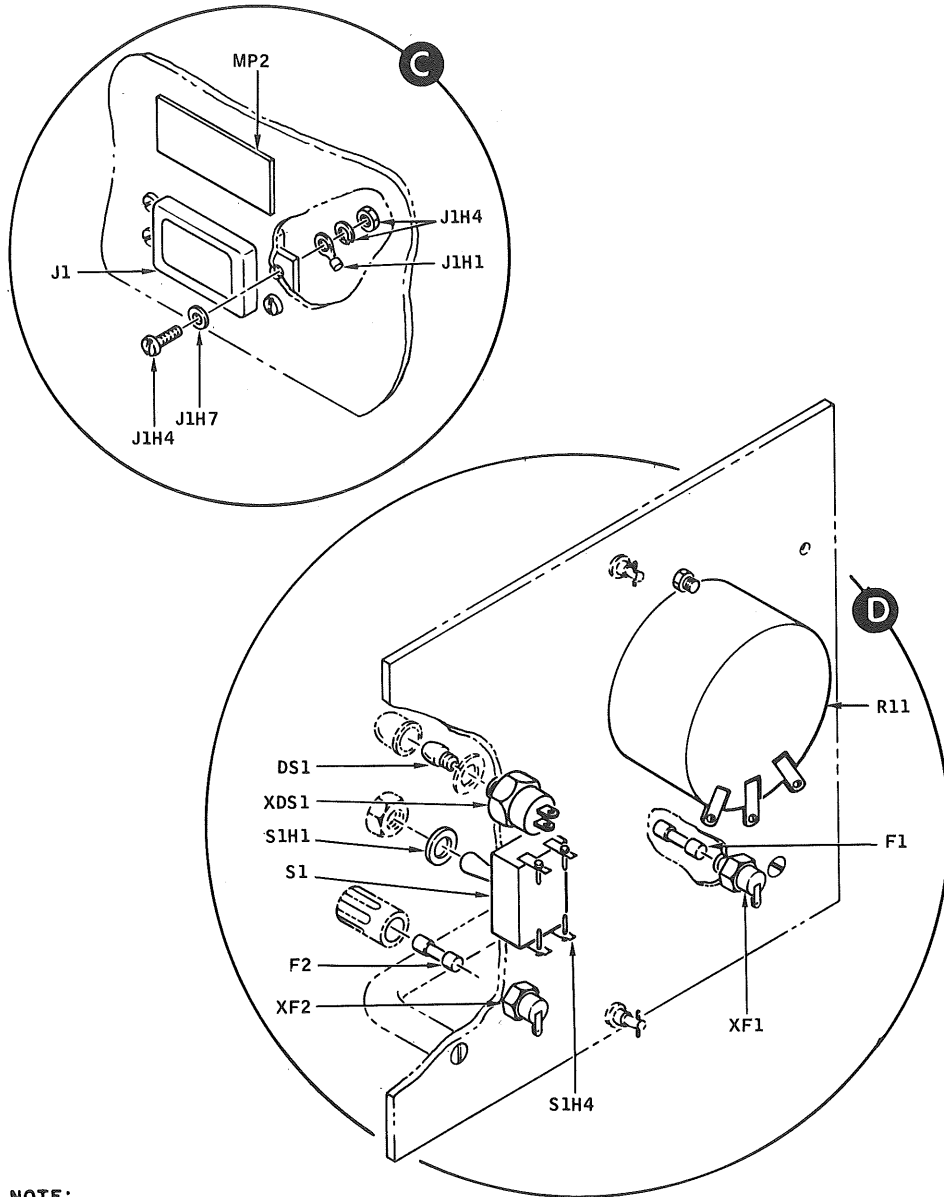
Figure F-58. Cable assembly.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR
 SYMBOLS WITH A1.

EL5820-590-35P-TM-39

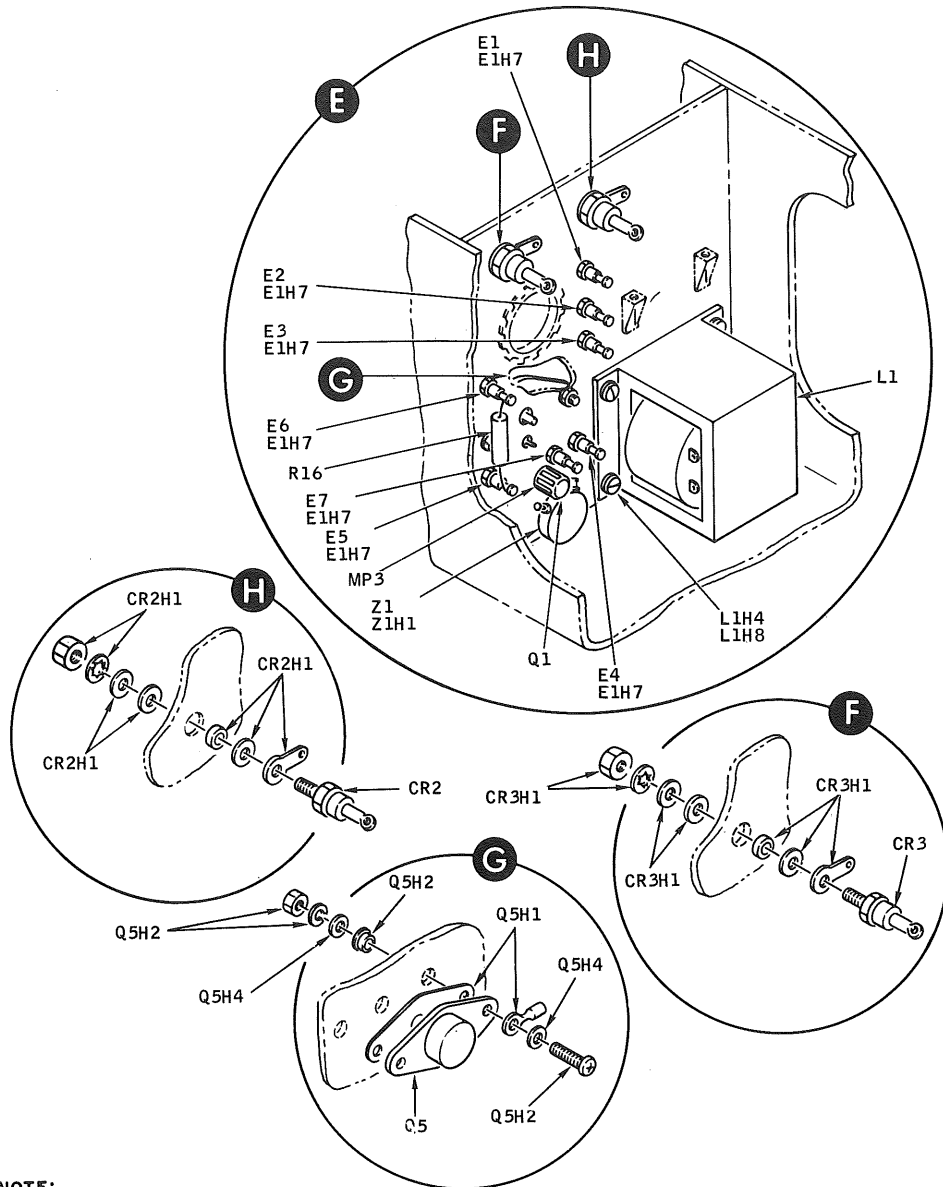
Figure F-59. Battery charger module, with capacitors.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1.

EL5820-590-35P-TM-40

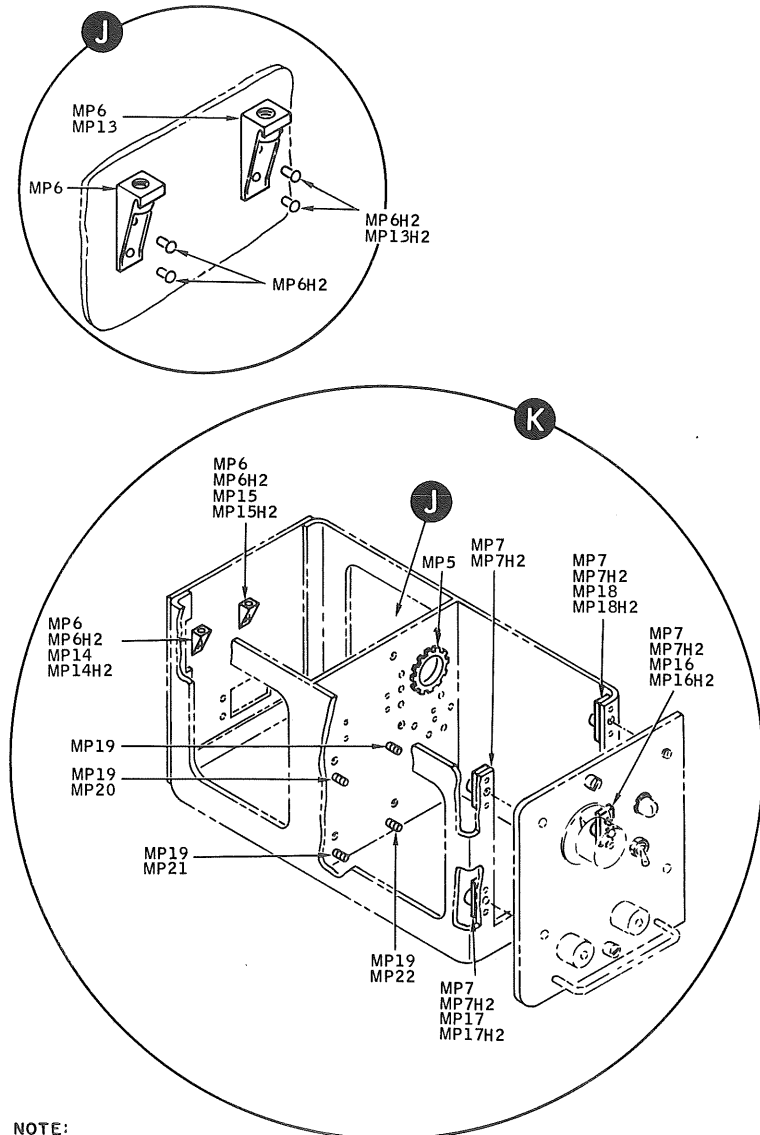
Figure F-60. Battery charger, rear and front panels.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1.

EL5820-590-35P-TM-41

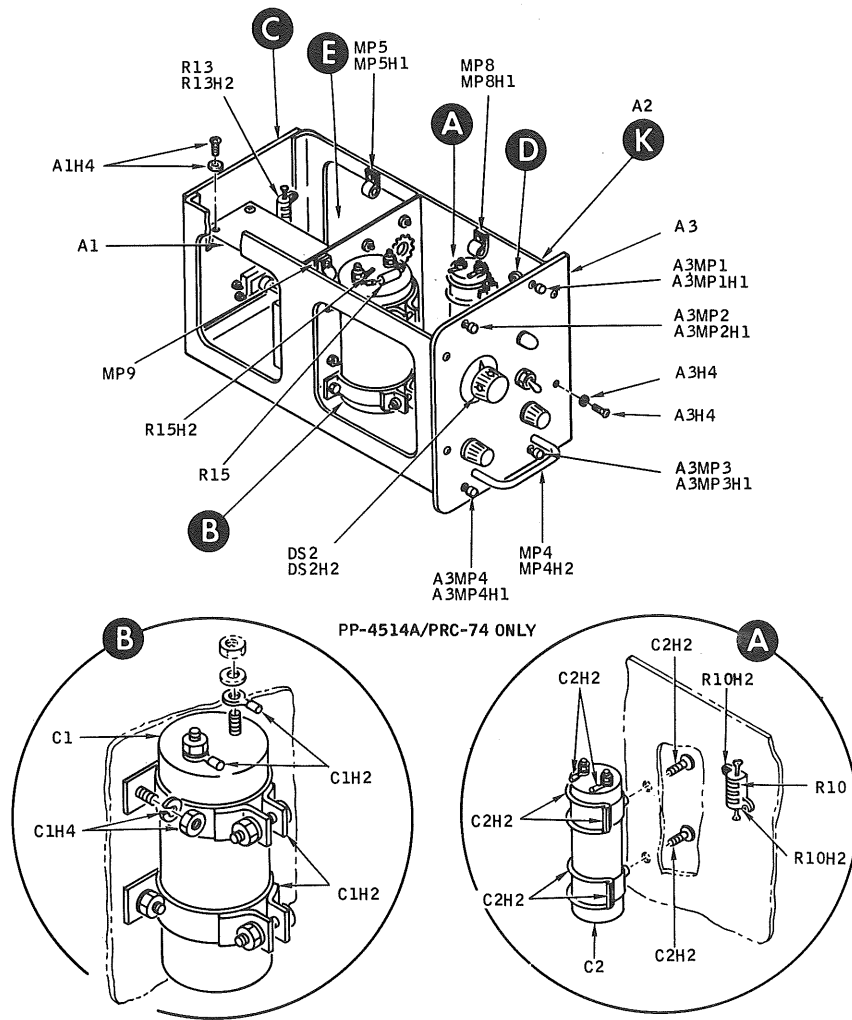
Figure F-61. Diodes, disassembly.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR
 SYMBOLS WITH A1A2.

EL5820-590-35P-TM-42

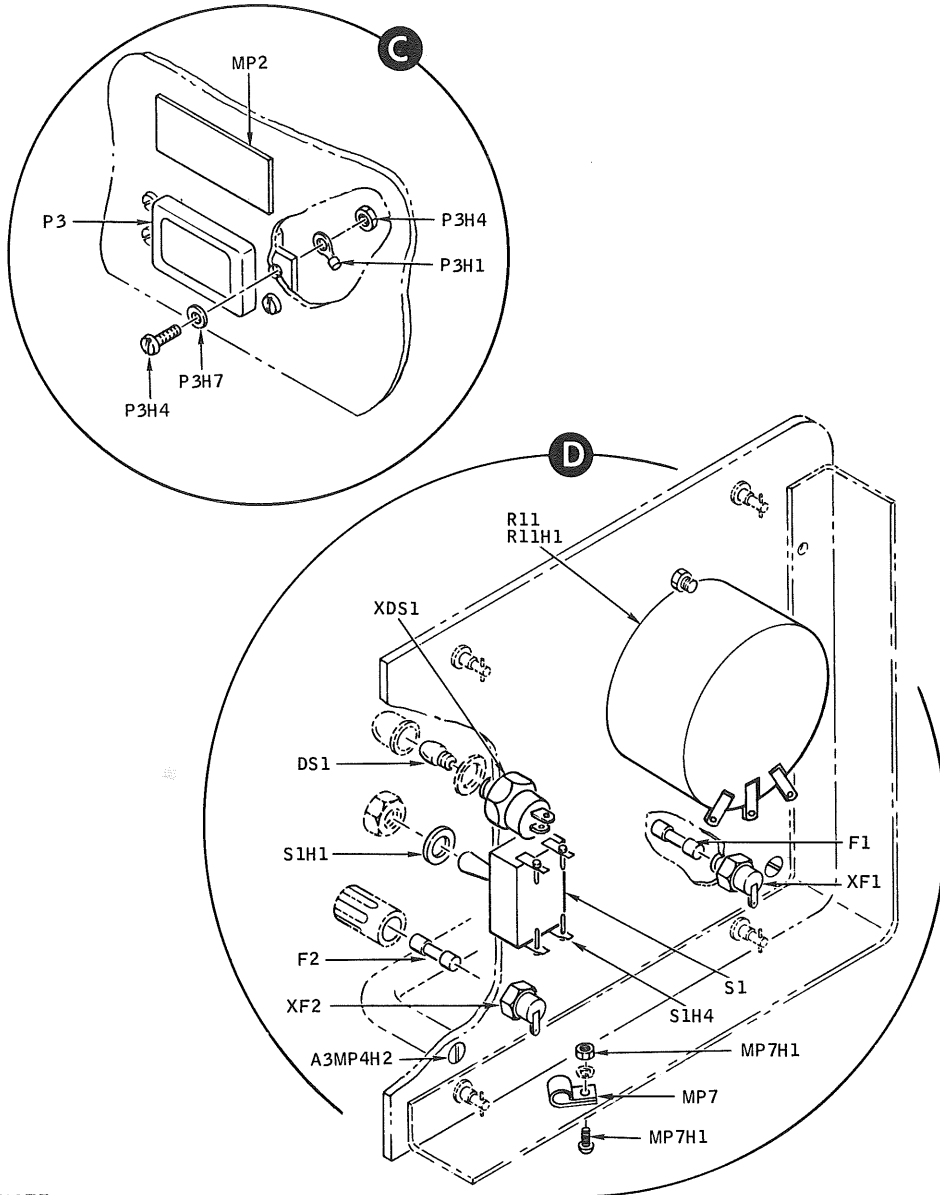
Figure F-62. Battery charger case, disassembly.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1.

EL5820-590-35P-TM-43

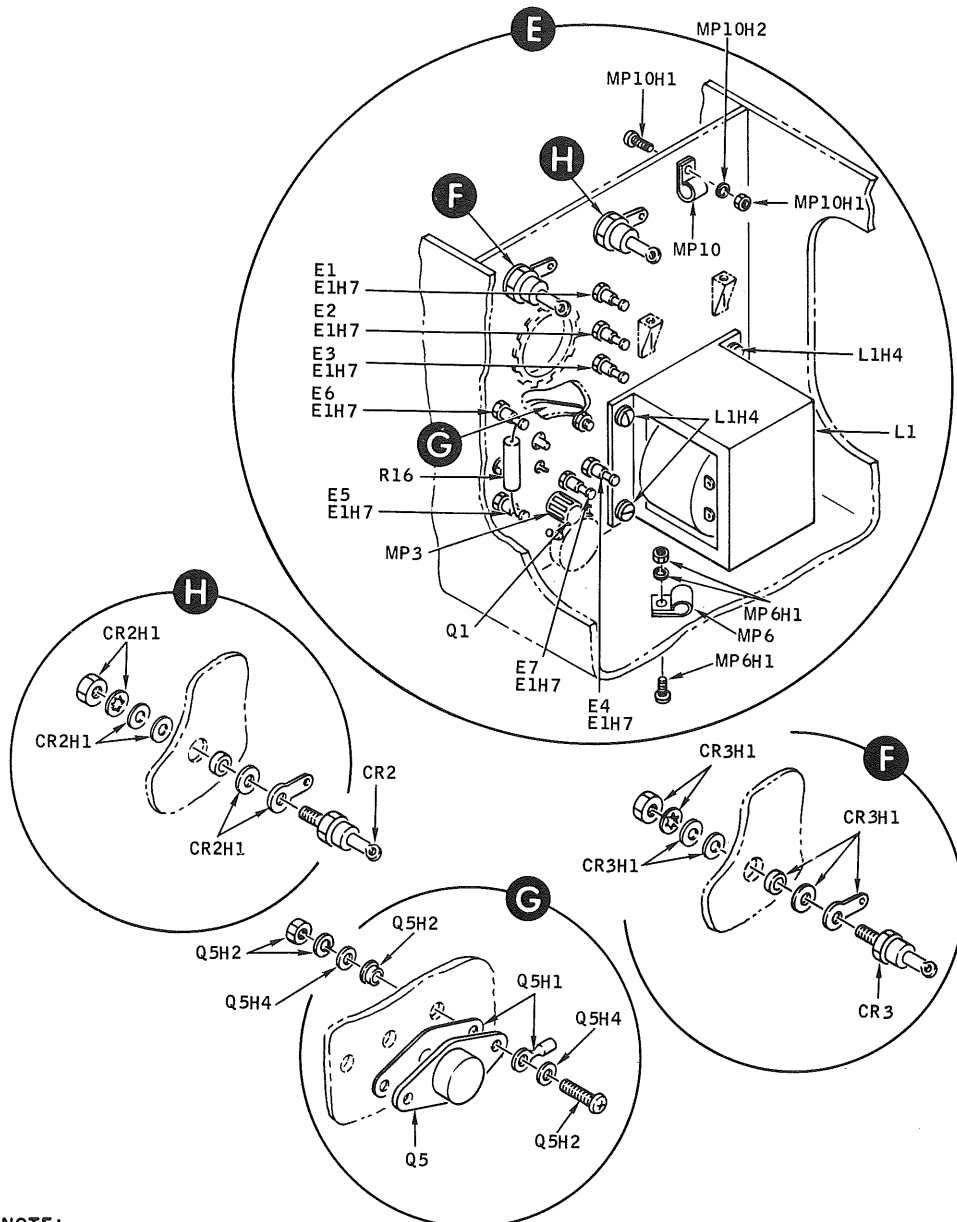
Figure F-63. Battery charger module with capacitors (PP-4514A only).



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1.

EL5820-590-35P-TM-44

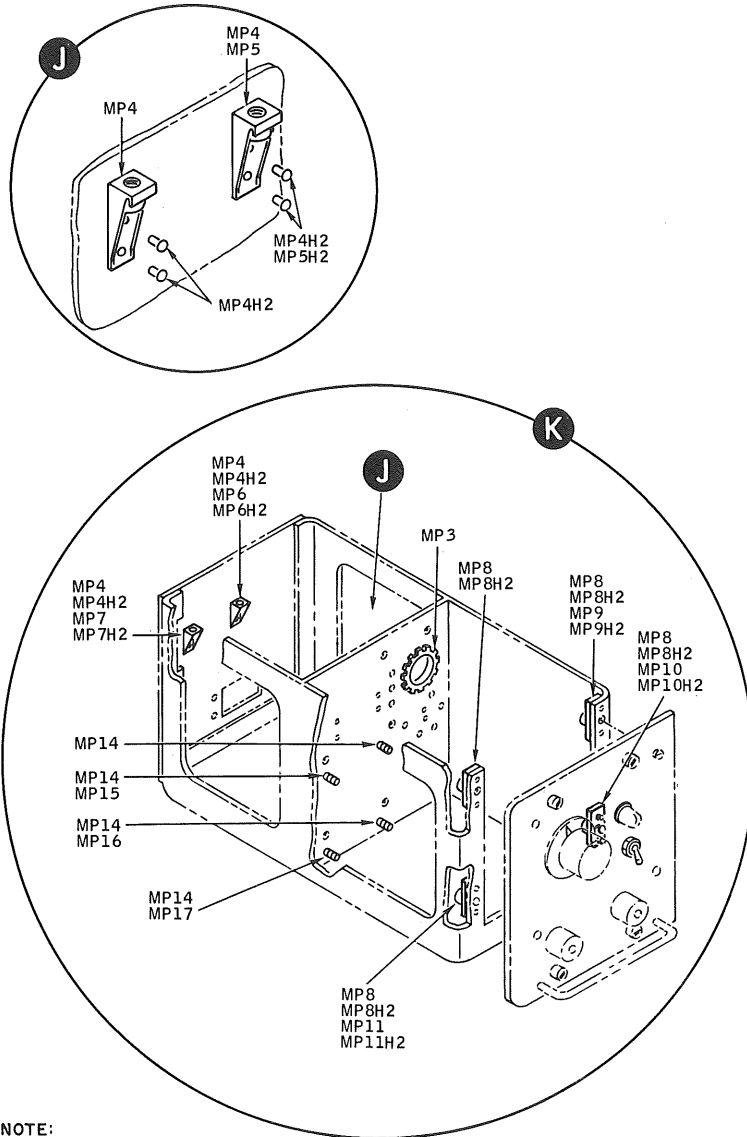
*Figure F-64. Battery charger rear and front panels
(PP-4514A only).*



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1.

EL5820-590-35P-TM-45

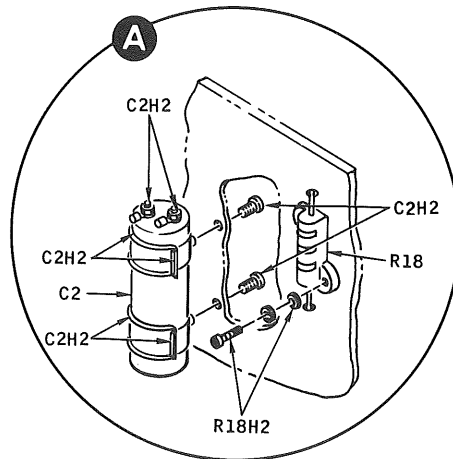
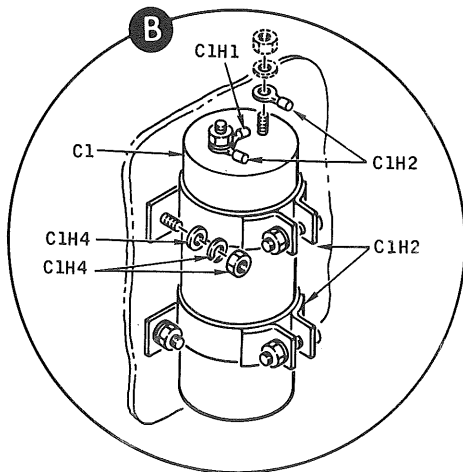
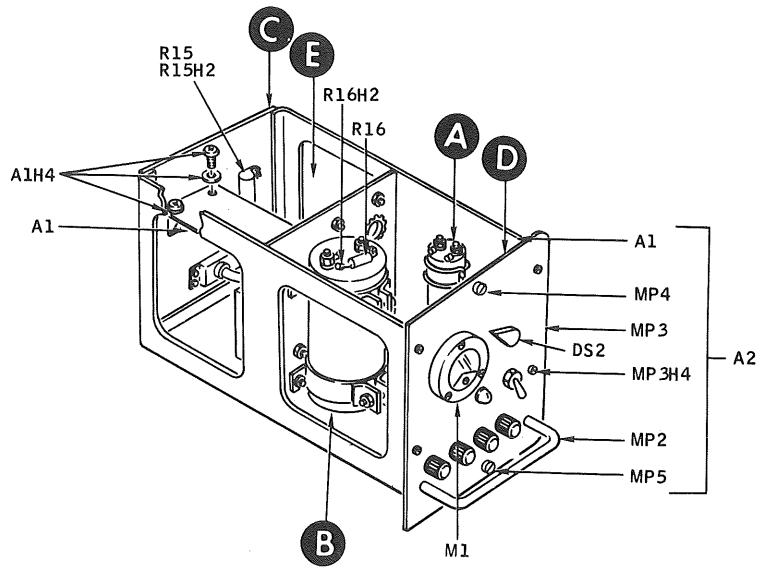
Figure F-65. Diodes, disassembly (PP-4514A only).



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR
 SYMBOLS WITH A1.

EL5820-590-35P-TM-46

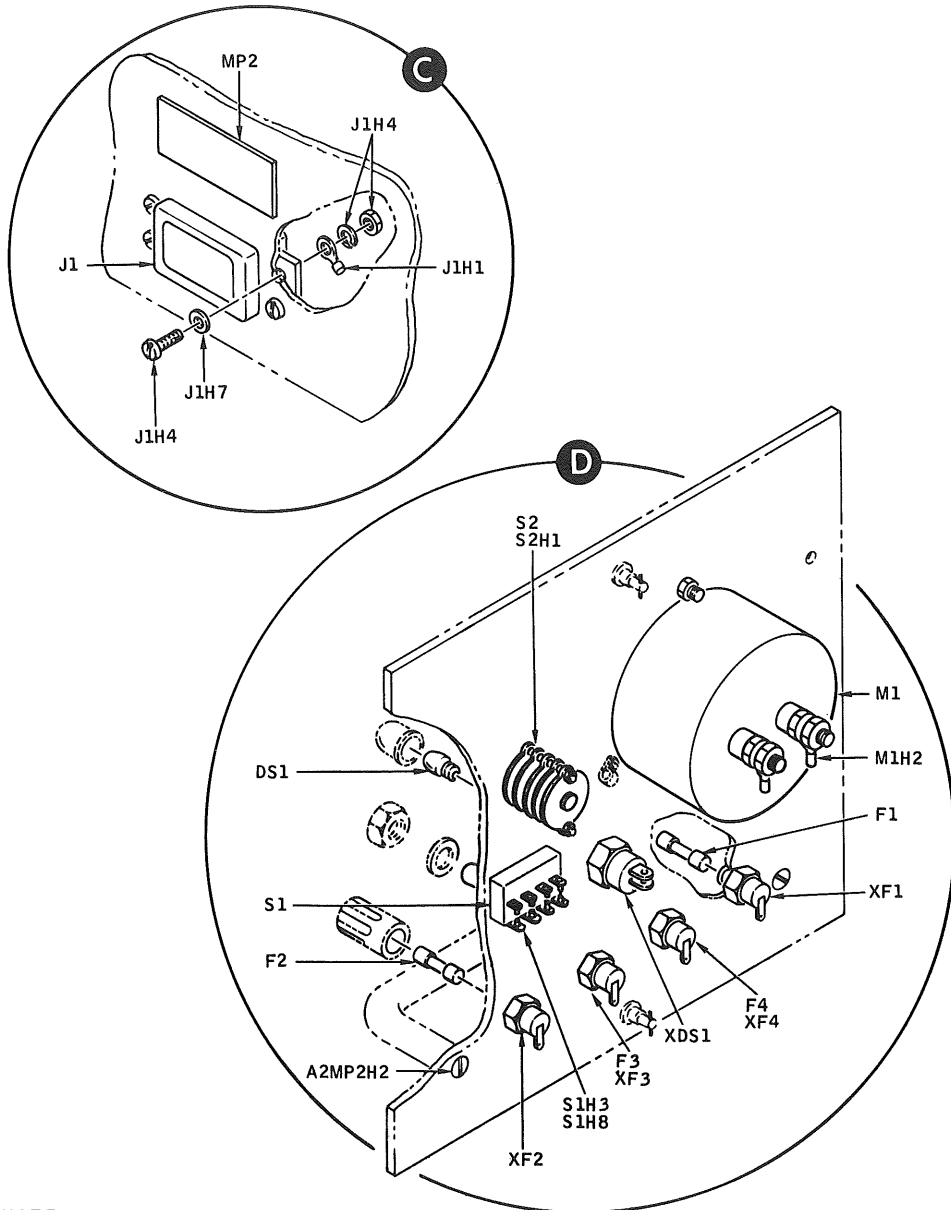
Figure F-66. Battery charger case, disassembly
 (PP-4514A only).



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A2.

EL5820-590-35P-TM-47

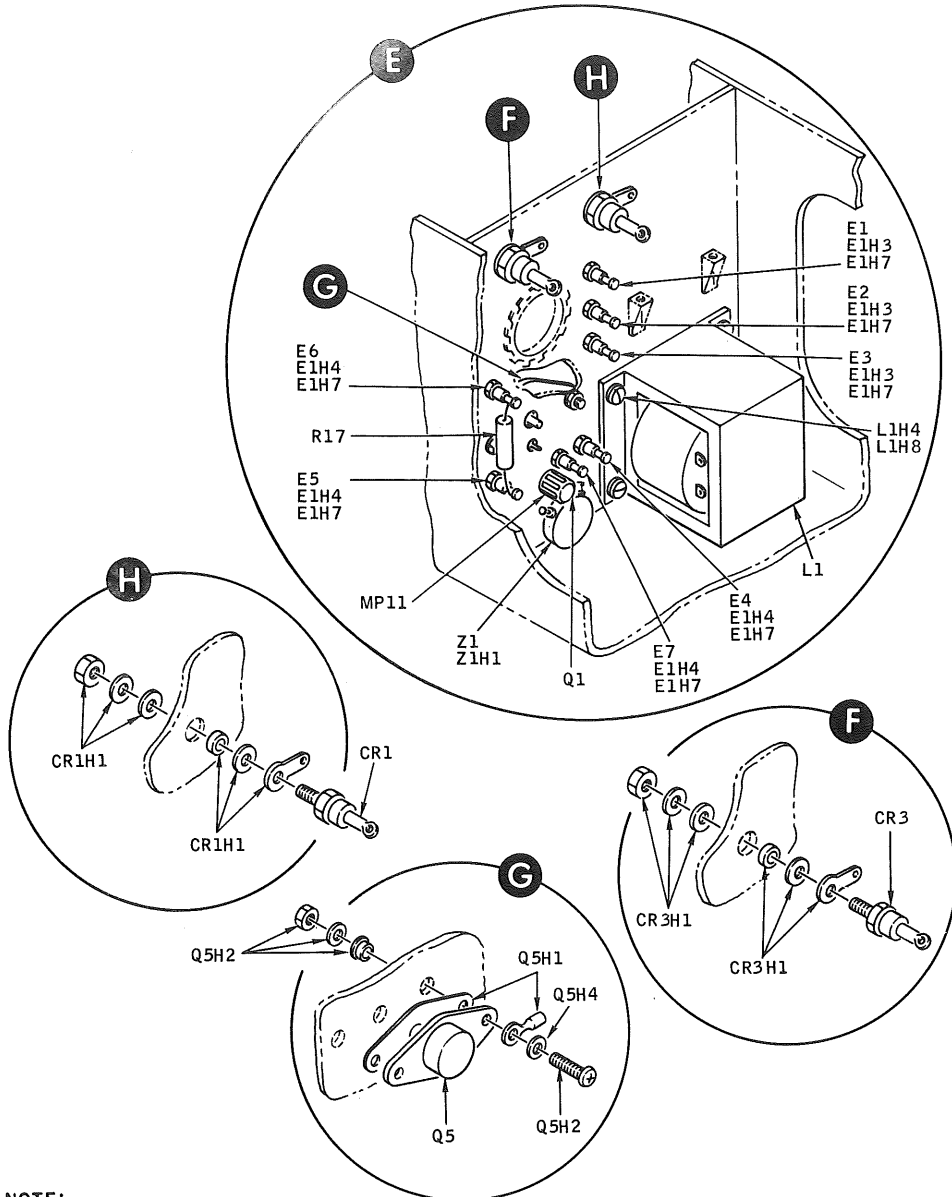
Figure F-67. Power supply with capacitors.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A2.

EL5820-590-35P-TM-48

Figure F-68. Power supply rear and front panels.



NOTE:
 PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A2.

EL5820-590-35P-TM-49

Figure F-69. Diodes, disassembly.

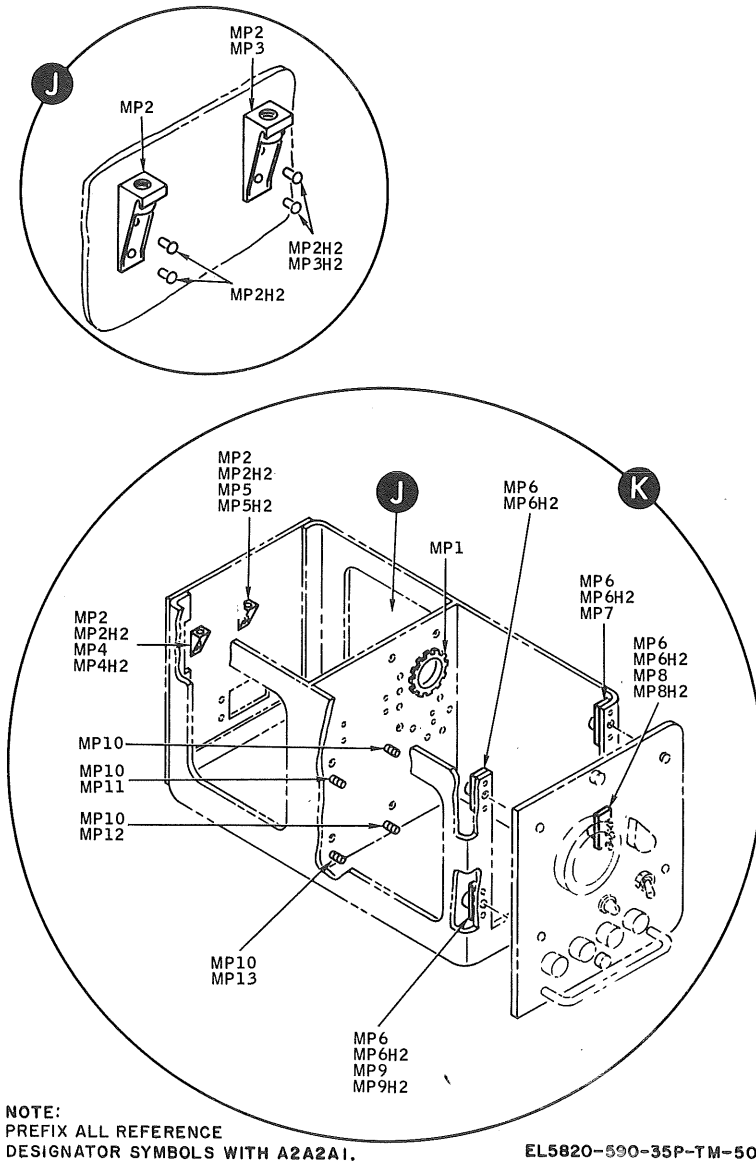
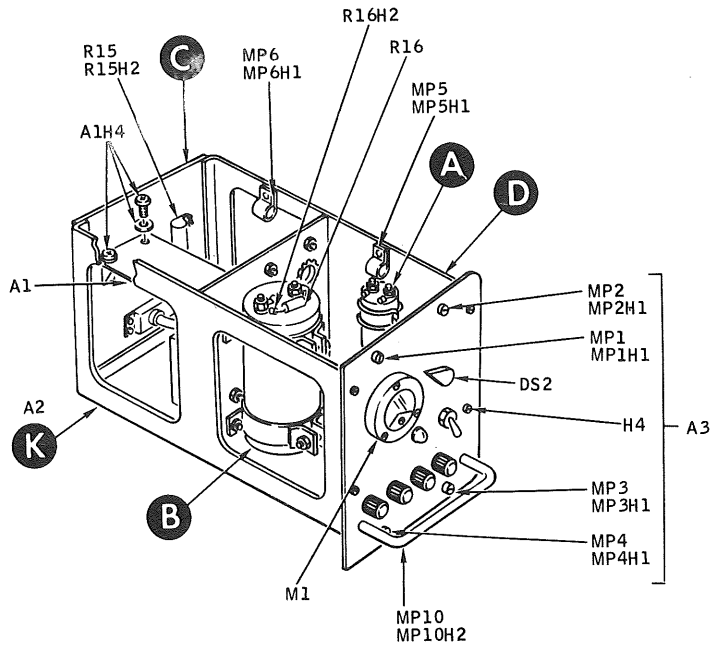
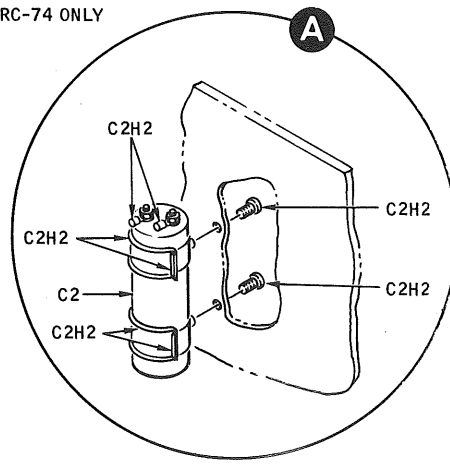
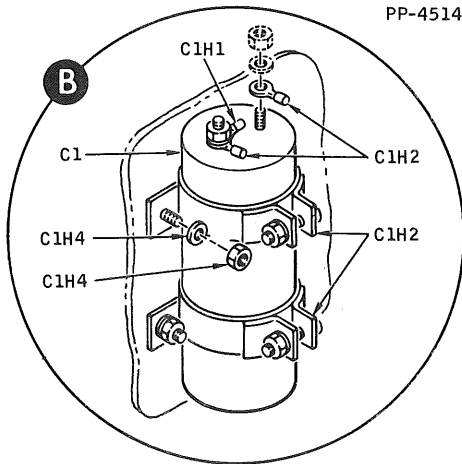


Figure F-70. Power supply case, disassembly.



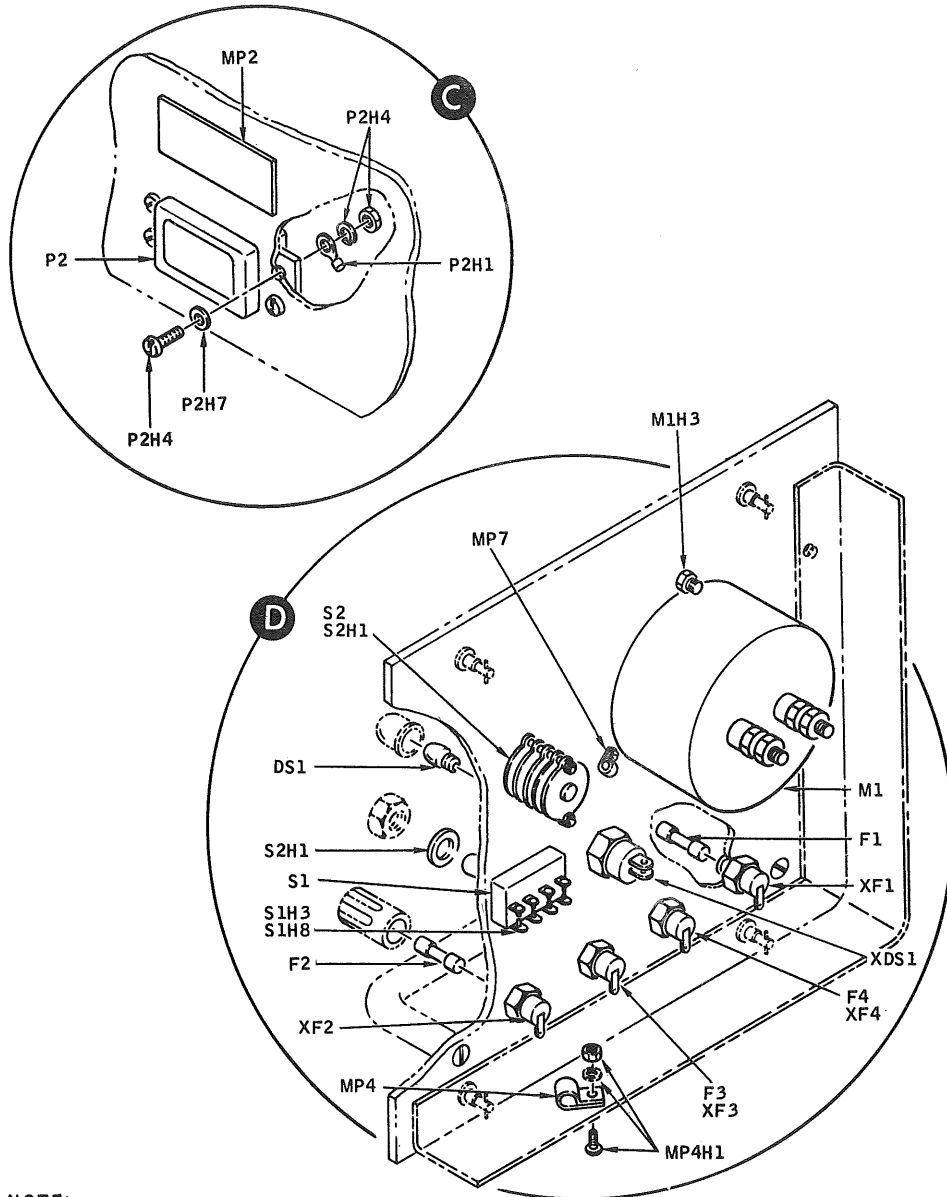
PP-4514A/PRC-74 ONLY



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A2.

EL5820-590-35P-TM-51

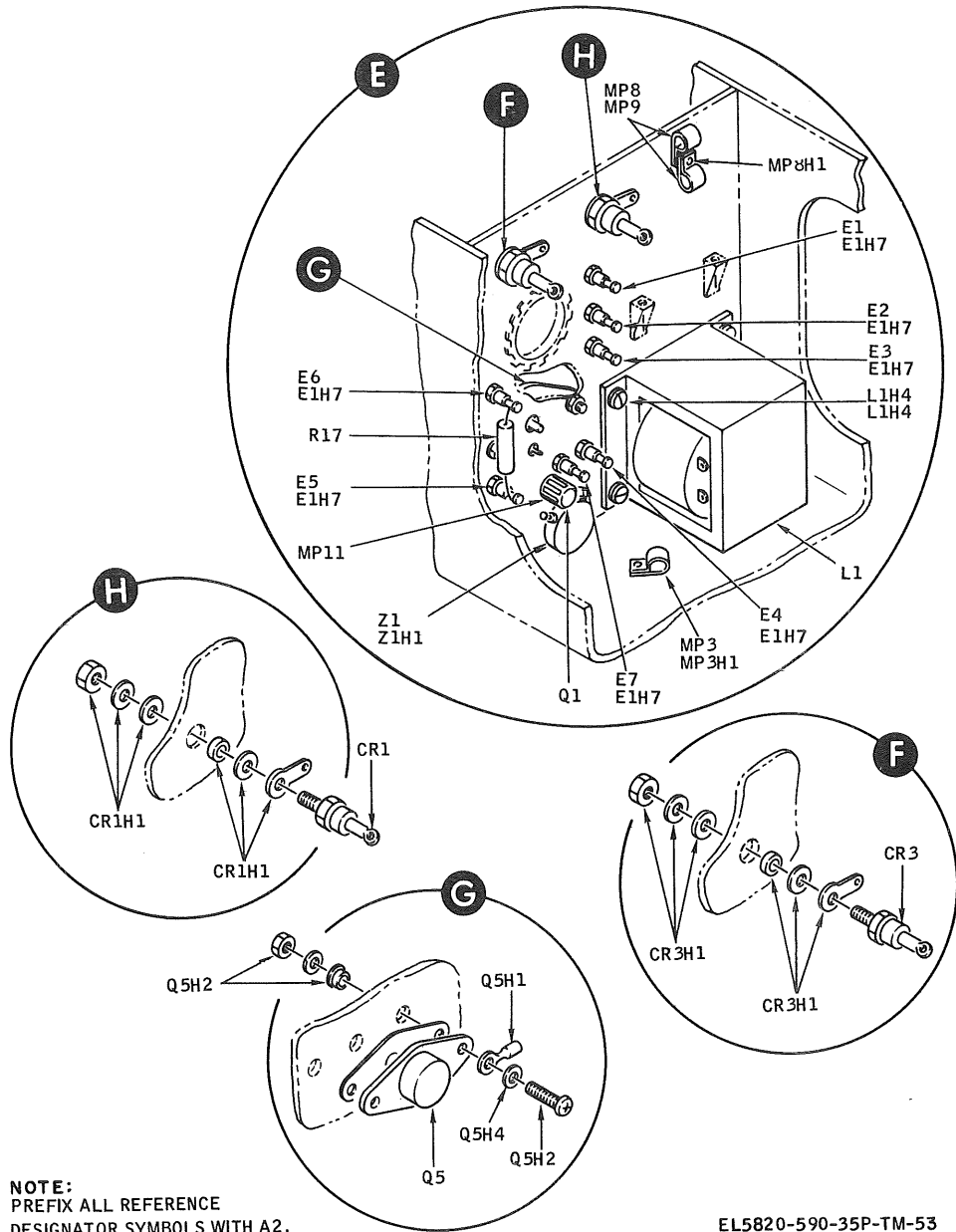
Figure F-71. Power supply with capacitors
(PP-4514A only).



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A2.

EL5820-590-35P-TM-52

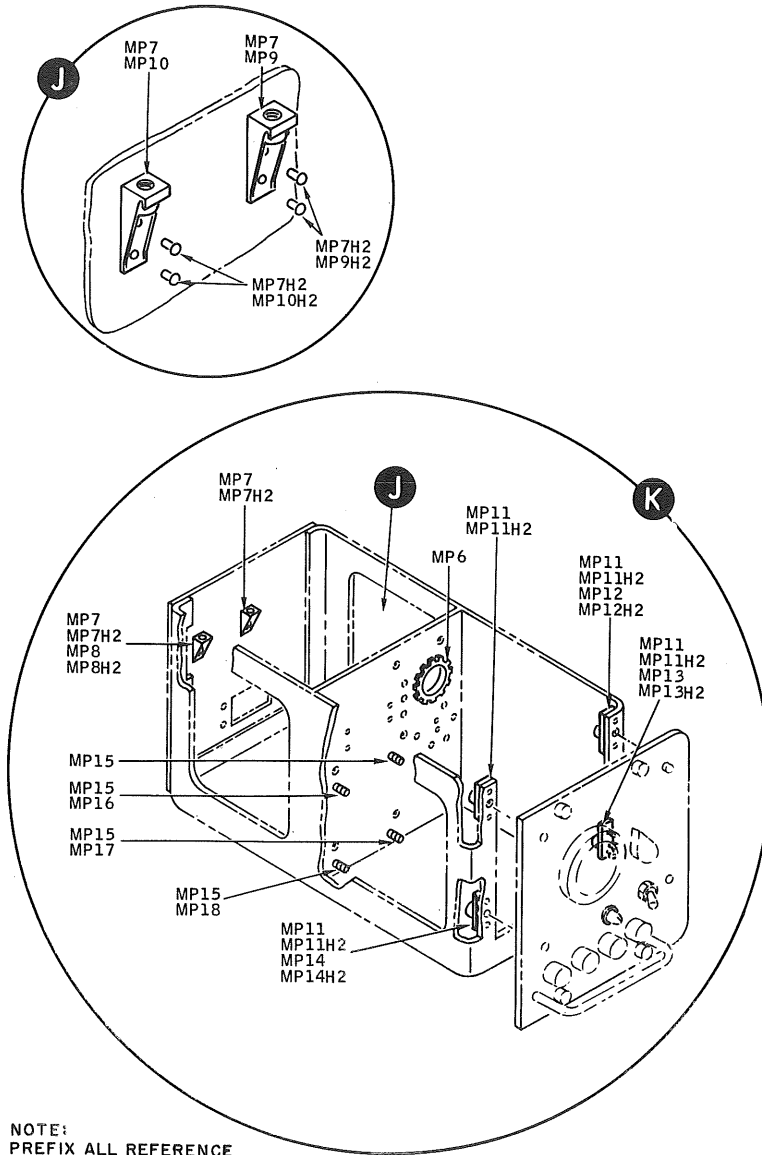
Figure F-72. Power supply, rear and front panels
(PP-4514A only).



NOTE:
 PREFIX ALL REFERENCE
 DESIGNATOR SYMBOLS WITH A2.

EL5820-590-35P-TM-53

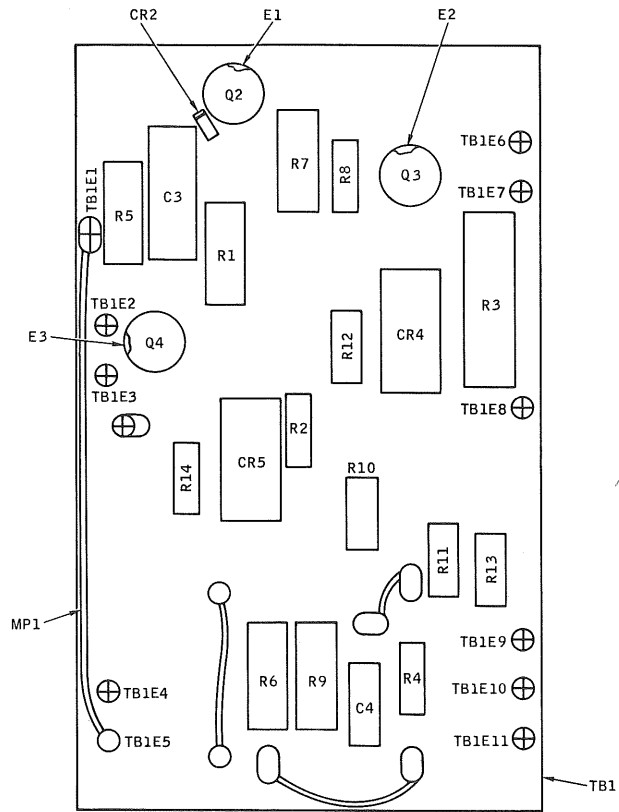
Figure F-73. Diodes, disassembly (PP-4514A only).



NOTE:
 PREFIX ALL REFERENCE
 DESIGNATOR SYMBOLS WITH A2A2.

EL5820-590-35P-TM-54

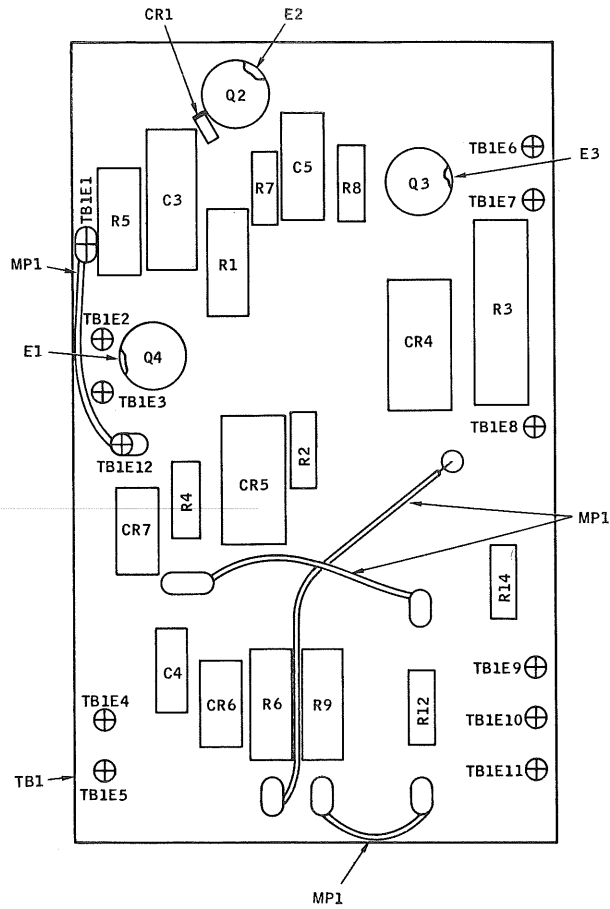
Figure F-74. Power supply case, disassembly
 (PP-4514A only).



NOTE:
 PREFIX ALL REFERENCE
 DESIGNATOR SYMBOLS WITH A2A1.

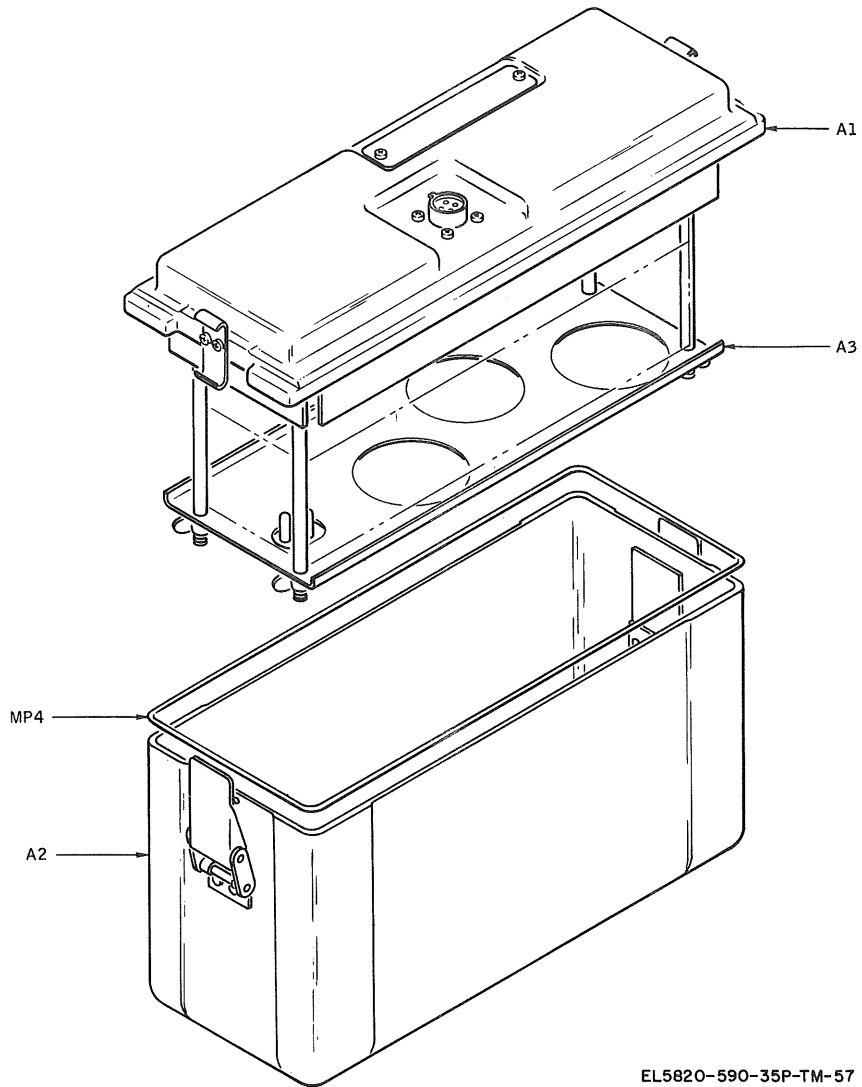
EL5820-590-35P-TM-55

Figure F-75. Power supply component panel A1.



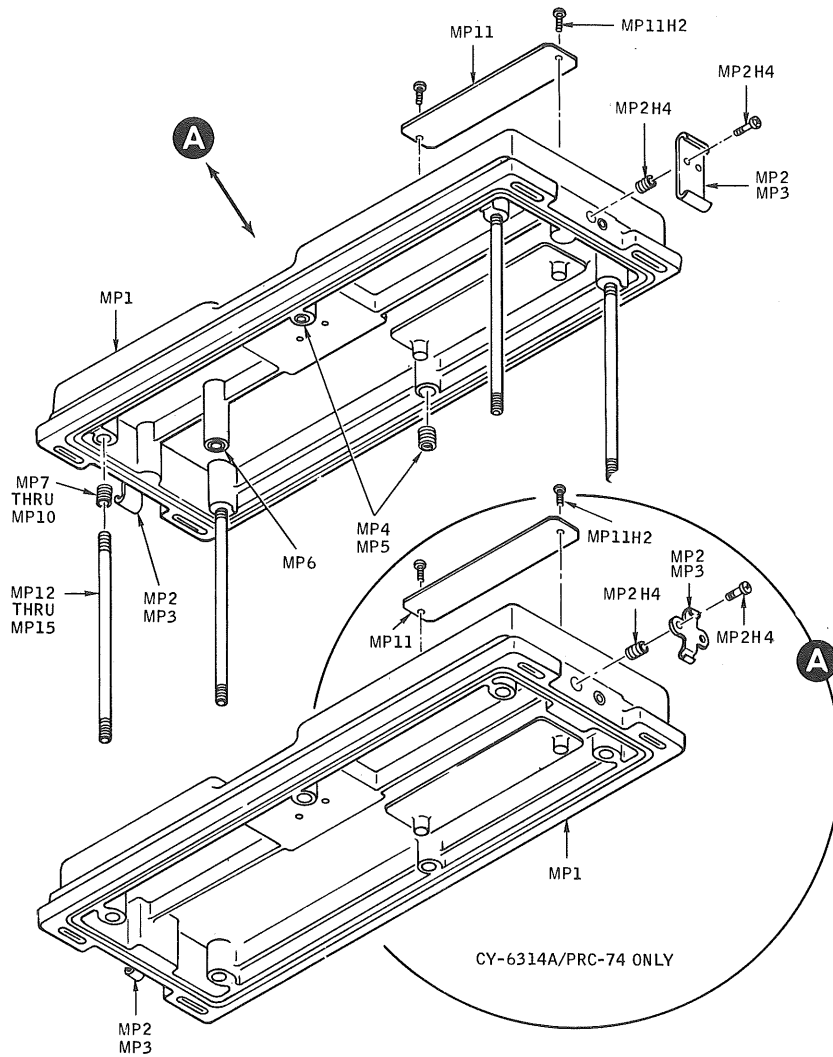
NOTE:
 PREFIX ALL REFERENCE
 DESIGNATOR SYMBOLS WITH A1A1. EL5820-590-35P-TM-56

Figure F-76. Battery charger, component panel A1.



EL5820-590-35P-TM-57

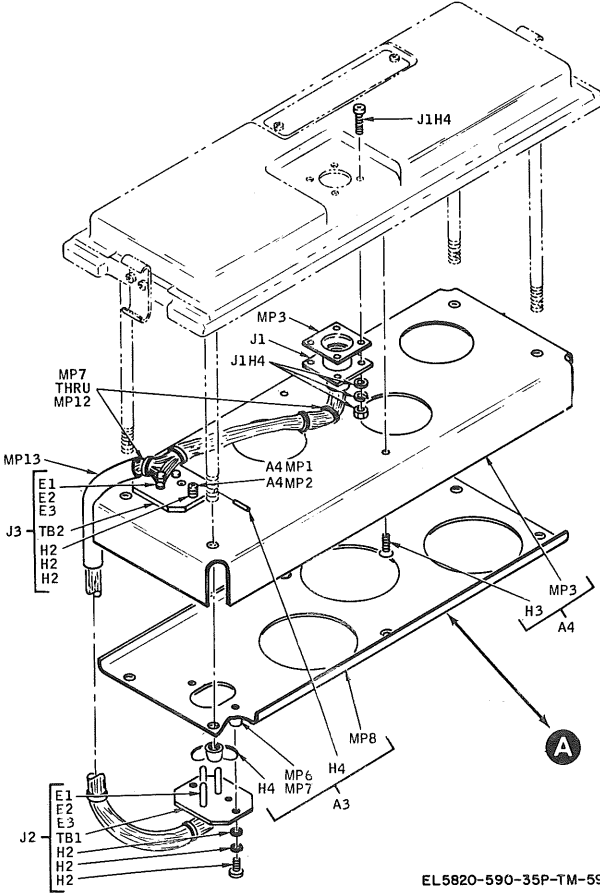
Figure F-77. Dry battery carrier assembly.



NOTE:
PREFIX ALL REFERENCE DESIGNATOR SYMBOLS WITH A1

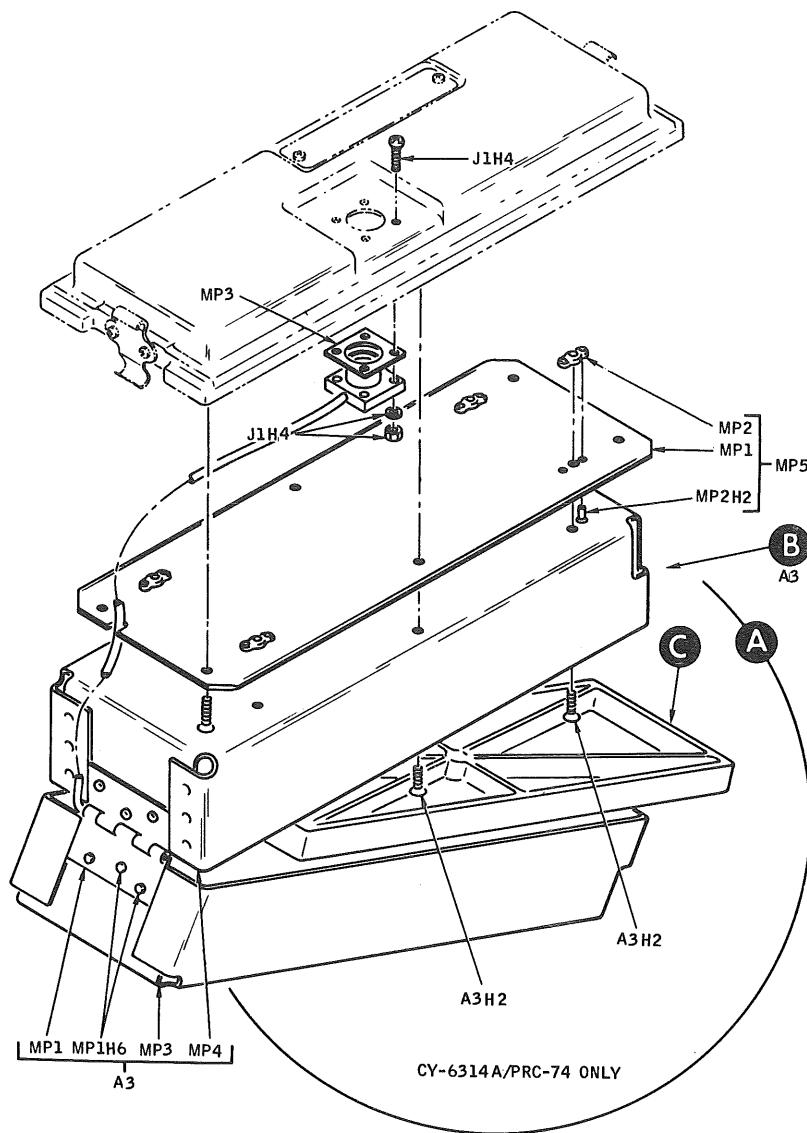
EL5820-590-35P-TM-58

Figure F-78. Battery case base assembly with 4 retaining rods.



EL5820-590-35P-TM-59

Figure F-79. Battery retainers and cable assembly.



EL582 .90-35P-TM-60

Figure F-80. Battery divider.

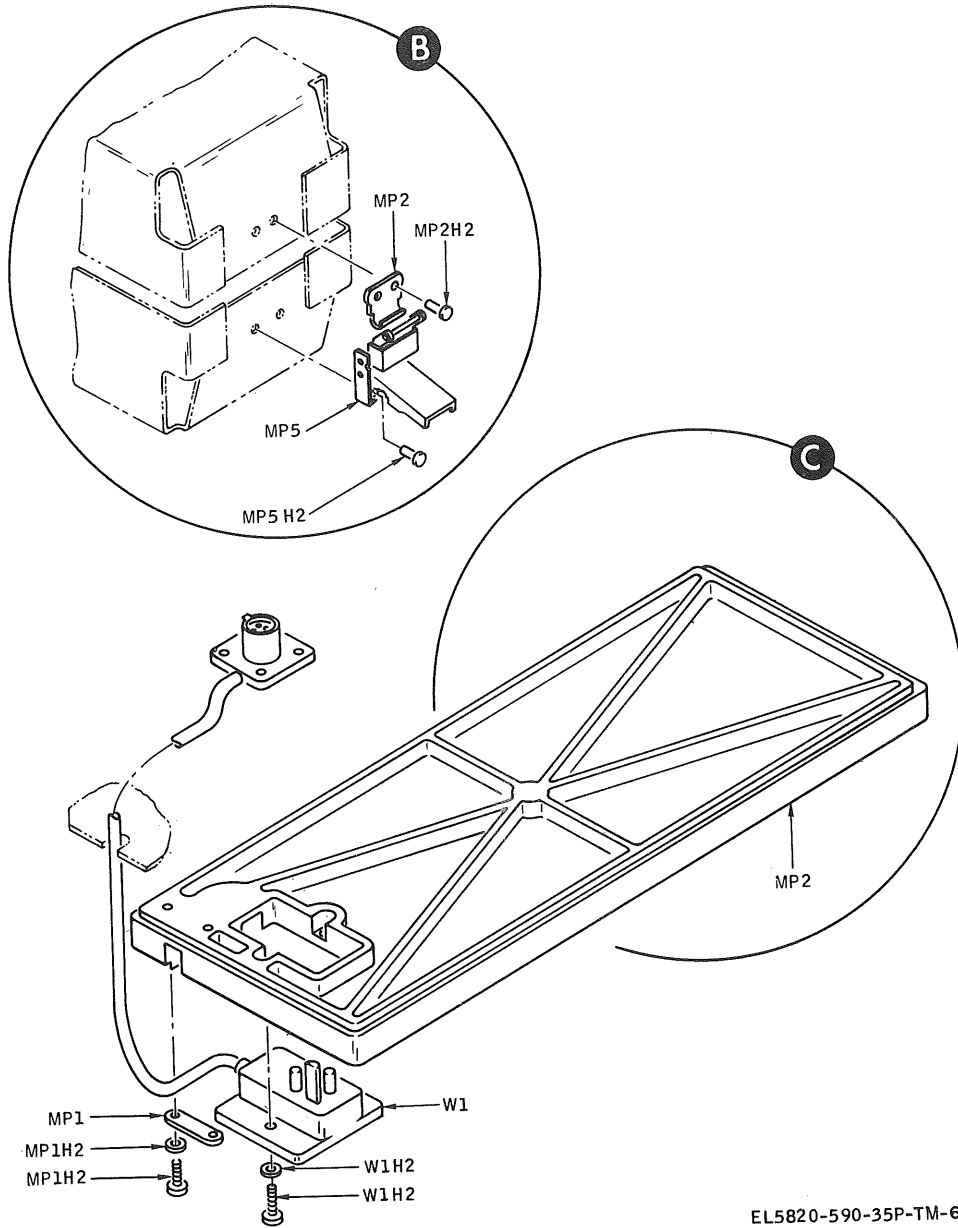


Figure F-81. Battery divider's cable assembly.

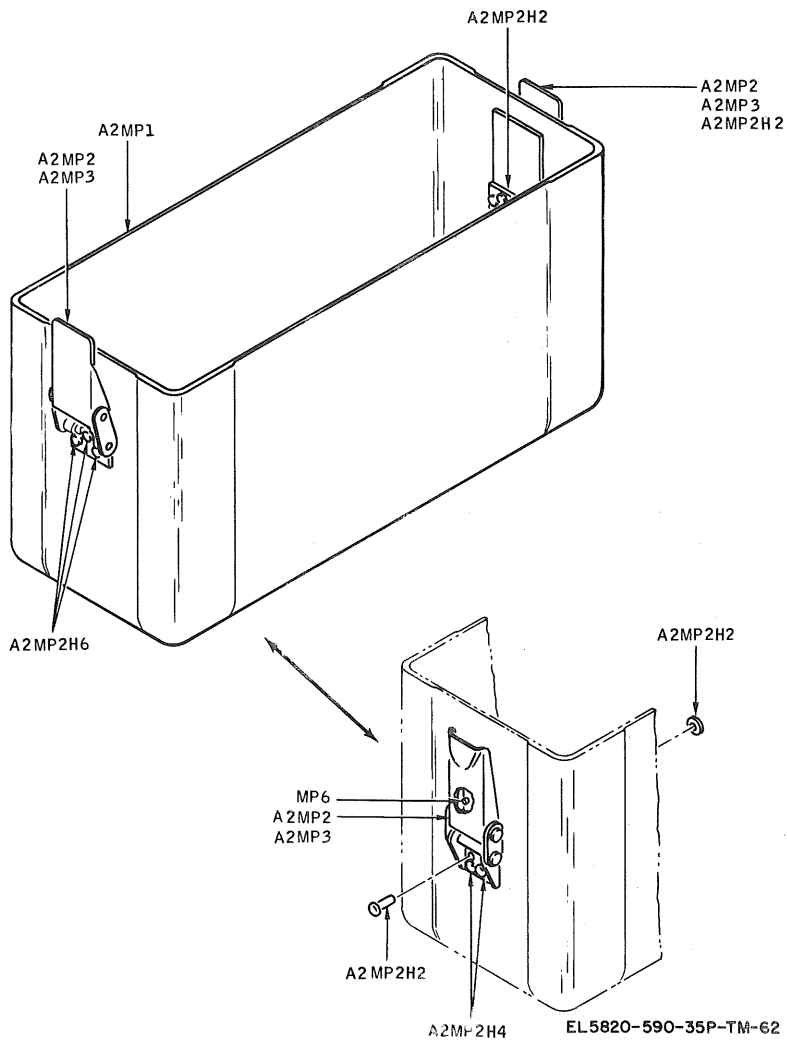
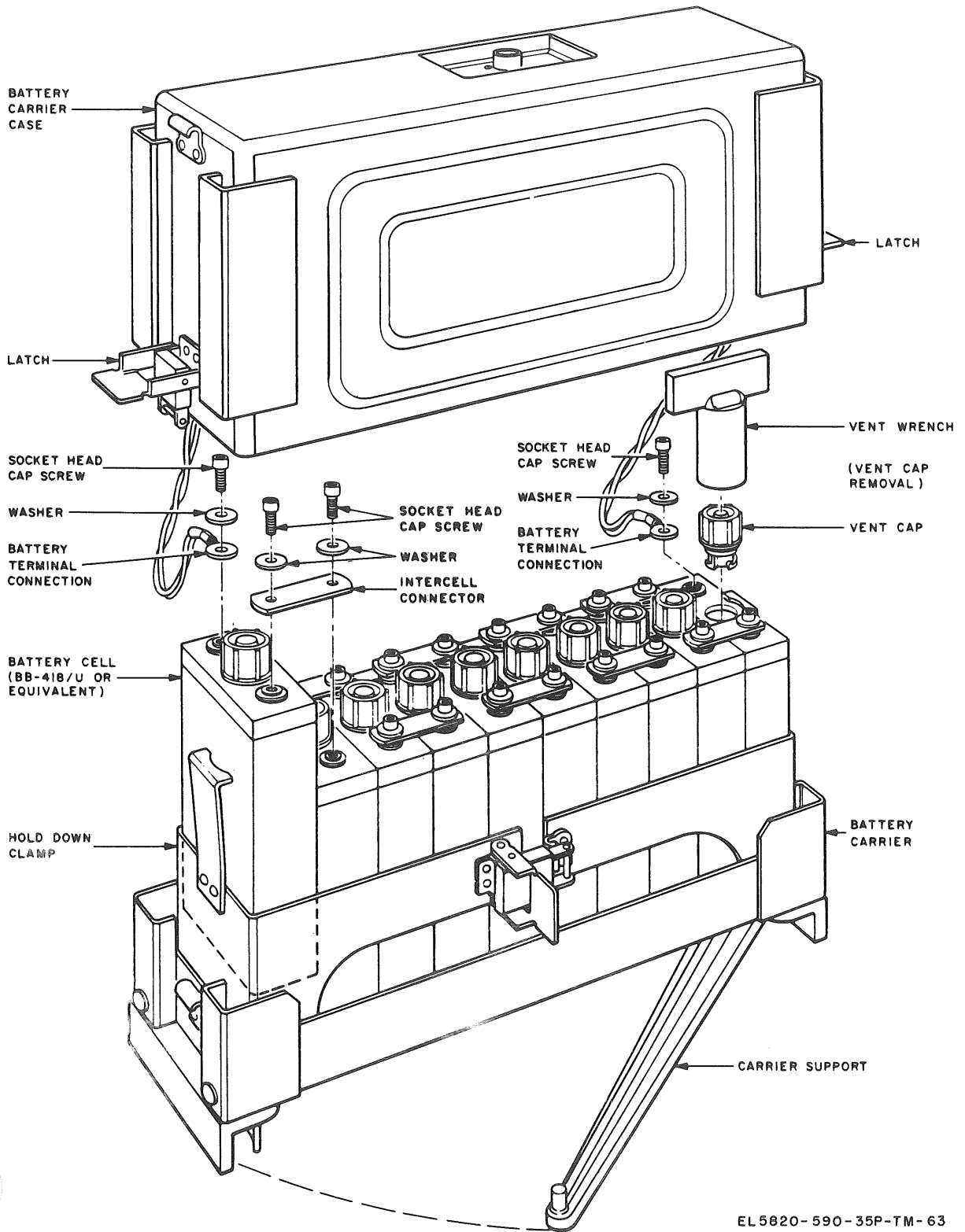


Figure F-82. Battery cover assembly.



EL 5820-590-35P-TM-63

Figure F-83. Wet battery and vent cap removal.

INDEX

	Paragraph	Page		Paragraph	Page
Adjacent channel rejection test	5-4g	5-5	Depot testing:		
Adjustment:			Applicability	5-1	5-1
Bandswitch gear	2-16	2-21	Equipment required	5-3	5-1
Gain control	2-17	2-22	Receive mode:		
Alignment, module:			Audio distortion	5-4c	5-3
Frequency generator	3-25	3-52	Adjacent channel rejection	5-4g	5-5
Frequency synthesizer	3-22	3-43	Bandpass	5-4f	5-5
IF	3-24	3-52	Frequency clarifier	5-4d	5-4
Power amplifier	3-26	3-53	Receiver sensitivity and audio output	5-4a	5-1
RF	3-23	3-48	R.F. GAIN control	5-4e	5-5
Amplifier:			Signal-to-noise ratio	5-4b	5-3
Audio	1-34	1-17	Transmitter:		
Bandpass, 10-kc	1-14	1-11	Carrier suppression	5-5b	5-8
Bandpass, 100-kc	1-17	1-11	Frequency checks	5-5f	5-9
Frequency synthesizer	1-27	1-14	Intermodulation distortion	5-5d	5-8
IF	1-32	1-16	Power output	5-5a	5-6
Microphone	1-35	1-17	Sidetone operation	5-5e	5-8
Output-frequency synthesizer	1-20	1-12	Two-tone power output	5-5c	5-8
Power	1-41	1-19	Destruction, methods	6-2	6-1
RF	1-24	1-14	Disassembly:		
ANT IND meter M201	2-8	2-8	Frequency generator module	3-15	3-36
Antenna coupler	1-42	1-19	Frequency synthesizer module	3-9	3-29
Applicability, depot overhaul standards	5-1	5-1	Front panel	2-14	2-17
Assembly:			IF module	3-13	3-36
Audio amplifier	1-34	1-17	Power amplifier module	3-17	3-38
Frequency generator module	3-16	3-38	Power supply module	3-19	3-43
Frequency synthesizer module	3-10	3-31	RF module	3-11	3-35
Front panel	2-15	2-18	Filter, crystal, FL1	1-31	1-15
IF module	3-14	3-36	First mixer	1-13	1-11
Power amplifier module	3-18	3-38	First RF tuned circuits	1-22	1-13
Power supply module	3-20	3-43	Divider	1-48	1-21
RF module	3-12	3-35	Generator module:		
Audio distortion test	5-4c	5-3	Alignment	3-25	3-52
Balanced mixer:			Assembly	3-16	3-38
IF module	1-26	1-14	Disassembly	3-15	3-36
RF module	1-26	1-14	Troubleshooting	3-5	3-18
Bandpass amplifier:			Troubleshooting data	6-2	6-1
10-kc	1-14	1-11	Frequency:		
100-kc	1-17	1-11	Check	5-5f	5-9
Bandpass Test	5-4f	5-5	Clarifier	5-4d	5-4
Bandswitch gear adjustment	2-16	2-21	Standard	1-47	1-21
Battery charger	1-58	1-25	Synthesizer:		
Carrier suppression test	5-5b	5-3	Amplifier	1-27	1-14
Circuit analysis, gain control	1-55	1-24	Module:		
Coupler, antenna	1-42	1-19	Alignment instructions	3-22	3-43
Crystal filter FL1	1-31	1-15	Assembly	3-10	3-31
Cw hold circuit	1-38	1-18	Disassembly	3-9	3-29
Dc-to-dc converter	1-52	1-23	Troubleshooting	3-2	3-2
Demodulator	1-33	1-16	Tuned circuit	1-28	1-14

	Paragraph	Page		Paragraph	Page
Frequency—Continued.			Troubleshooting	2-10	2-10
Front panel:			Physical test and inspection	4-3	4-1
Assembly	2-15	2-18	Power:		
Disassembly	2-14	2-17	Amplifier	1-41	1-19
Gain control:			Amplifier Module:		
Adjustment	2-17	2-22	Alignment	3-26	3-53
Circuit test	2-9	2-8	Assembly	3-18	3-38
General:			Disassembly	3-17	3-38
Frequency generator module	1-46	1-21	Troubleshooting	3-6	3-19
Frequency synthesizer module	1-10	1-8	Troubleshooting data	6-2	6-1
Gain control circuit analysis	1-54	1-23	Function	1-9	1-7
General support maintenance test-			Output test	5-5a	5-6
ing procedures	4-1	4-1	Supply module:		
IF audio module analysis	1-29	1-14	Assembly	3-20	3-43
Parts replacement techniques:			Disassembly	3-19	3-43
Direct support maintenance	2-11	2-14	Troubleshooting	3-7	3-22
General support maintenance	3-8	3-29	Troubleshooting data	6-2	6-1
Power amplifier module analysis	1-39	1-18	Preamplifier:		
Power supply module analysis	1-49	1-22	IF	1-30	1-15
PP-4514/PRC-74	1-56	1-24	Power amplifier	1-40	1-19
RF module analysis	1-21	1-12	Radio set:		
Schematic and block diagrams	6-1	6-1	Receive test	4-4	4-4
Troubleshooting	2-1	2-1	Transmit test	4-5	4-7
IF amplifier	1-32	1-16	Troubleshooting:		
IF module:			Receive mode test	2-4	2-2
Alignment	3-24	3-52	Transmit mode test	2-5	2-3
Assembly	3-14	3-36	Troubleshooting data	6-2	6-1
Disassembly	3-13	3-36	Receive:		
Troubleshooting	3-4	3-13	Function, radio set	1-7	1-4
Troubleshooting data	6-2	6-1	Mode operation	1-4	1-2
IF preamplifier	1-30	1-15	Test, depot	5-4	5-1
Indicator, tuning	1-43	1-20	Receiver troubleshooting	2-6	2-3
Intermodulation distoraion test	5-5d	5-8	References, depot overhaul	5-2	5-1
Introduction	1-3	1-1	Regulator, +9-volt	1-50	1-23
Functional analysis	1-6	1-4	Regulator, +40-volt	1-53	1-23
Limiter, overload	1-45	1-21	Removal, module	2-12	2-14
Microphone amplifier	1-35	1-17	Replacement, module	2-13	2-16
Mixer:			RF amplifier	1-24	1-14
Balanced, frequency synthesizer			RF module:		
module	1-26	1-14	Alignment	3-23	3-48
Balanced, IF audio module	1-36	1-17	Assembly	3-12	3-35
First	1-13	1-11	Disassembly	3-11	3-35
Second	1-16	1-11	Troubleshooting	3-3	3-3
Third	1-19	1-12	Troubleshooting data	6-2	6-1
Organization, troubleshooting			R.F. GAIN control test	5-4e	5-5
procedures	2-2	2-1	Scope	1-1	1-1
Oscillator:			Second mixer	1-16	1-11
1-kc	1-11	1-10	Second rf tuned circuits	1-23	1-13
1-mc	1-18	1-12	Sidetone operator tests	5-5e	5-8
100-kc	1-15	1-11	Signal-to-noise ratio tests	5-4b	5-3
10-kc	1-12	1-10	Summary, test data	4-7	4-11
Tone	1-36	1-17	System operation	1-2	1-1
Output amplifier, frequency syn-			Test equipment:		
thesizer module	1-20	1-12	Alignment	3-21	3-43
Overload limiter	1-45	1-21	Module troubleshooting	3-1	3-1
PP-4514-PRC-4	1-57	1-24	General support maintenance	4-2	4-1
General support maintenance			Depot testing	5-3	5-1
testing	4-6	4-9	Direct support maintenance	2-3	2-2
			Third mixer	1-19	1-12

	Paragraph	Page		Paragraph	Page
Test equipment—Continued.			PP-4514/PRC-74	2-10	2-10
Third RF tuned circuits	1-25	1-14	Power amplifier module	3-6	3-19
Tone oscillator	1-37	1-18	Power supply module	3-7	3-22
Transmit:			Radio set:		
Function, radio set	1-8	1-6	Receive mode test	2-4	2-2
Level control	1-44	1-20	Transmit mode test	2-5	2-3
Mode, operation, radio set	1-5	1-3	Receiver	2-6	2-3
Receive relay, power supply			RF module	3-3	3-3
module	1-51	1-23	Test equipment and special items		
Transmitter:			required, module troubleshoot-		
Depot overhaul tests	5-5	5-6	ing	3-1	3-1
Troubleshooting	2-7	2-6	Test equipment required, general		
Troubleshooting:			support maintenance	2-3	2-2
ANT IND meter M201	2-8	1-8	Transmitter	2-7	2-6
Data	6-2	6-1	Tuned circuit:		
Frequency generator module	3-5	3-18	First RF	1-22	1-13
Frequency synthesizer module	3-2	3-2	Second RF	1-23	1-13
Gain control circuit test	2-9	2-8	Synthesizer	1-28	1-14
General instructions	2-1	2-1	Third RF	1-25	1-14
IF module	3-4	3-13	Tuning indicator	1-43	1-20
Organization, procedures	2-2	2-1	Two-tone power output tests	5-5c	5-8

By Order of the Secretary of the Army:

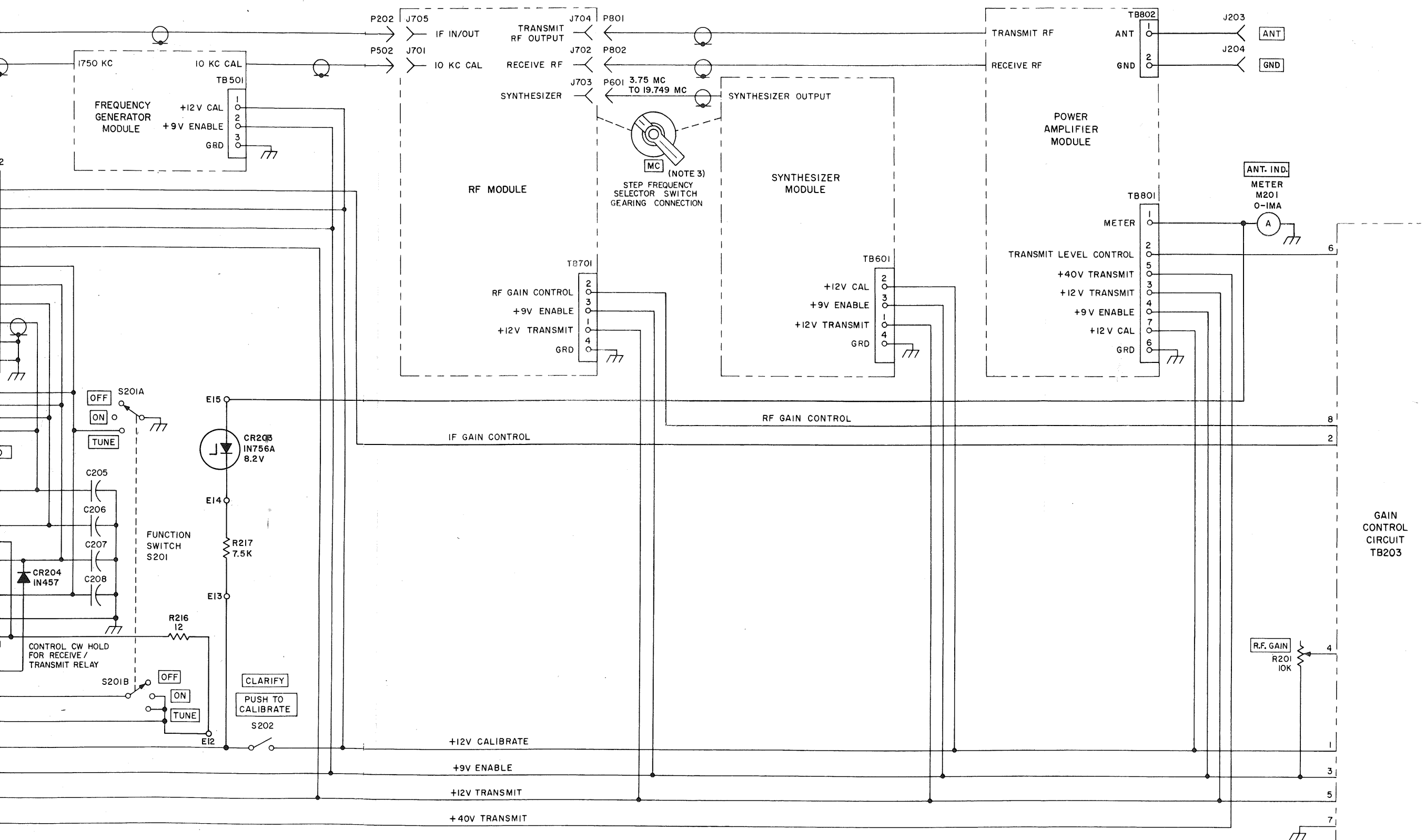
WILLIAM C. WESTMORELAND,
General, United States Army,
Chief of Staff.

Official:

KENNETH G. WICKHAM,
Major General, United States Army,
The Adjutant General.

Distribution:

To be distributed in accordance with DA Form 12-51 (qty rqr Block #351) requirements for Direct and General Support maintenance, AN/PRC-74 Radio Set.



- NOTES:
1. UNLESS OTHERWISE SPECIFIED, ALL RESISTANCE VALUES ARE IN OHMS, ALL CAPACITANCE VALUES ARE .01 UF.
 2. INDICATES EQUIPMENT MARKING
 3. AN/PRC-74C EQUIPMENT MARKED IN HERTZ (HZ) INSTEAD OF CYCLES (C)

Figure 6-1. Radio Sets AN/PRC-74B and AN/PRC-74C, system interconnection diagram.

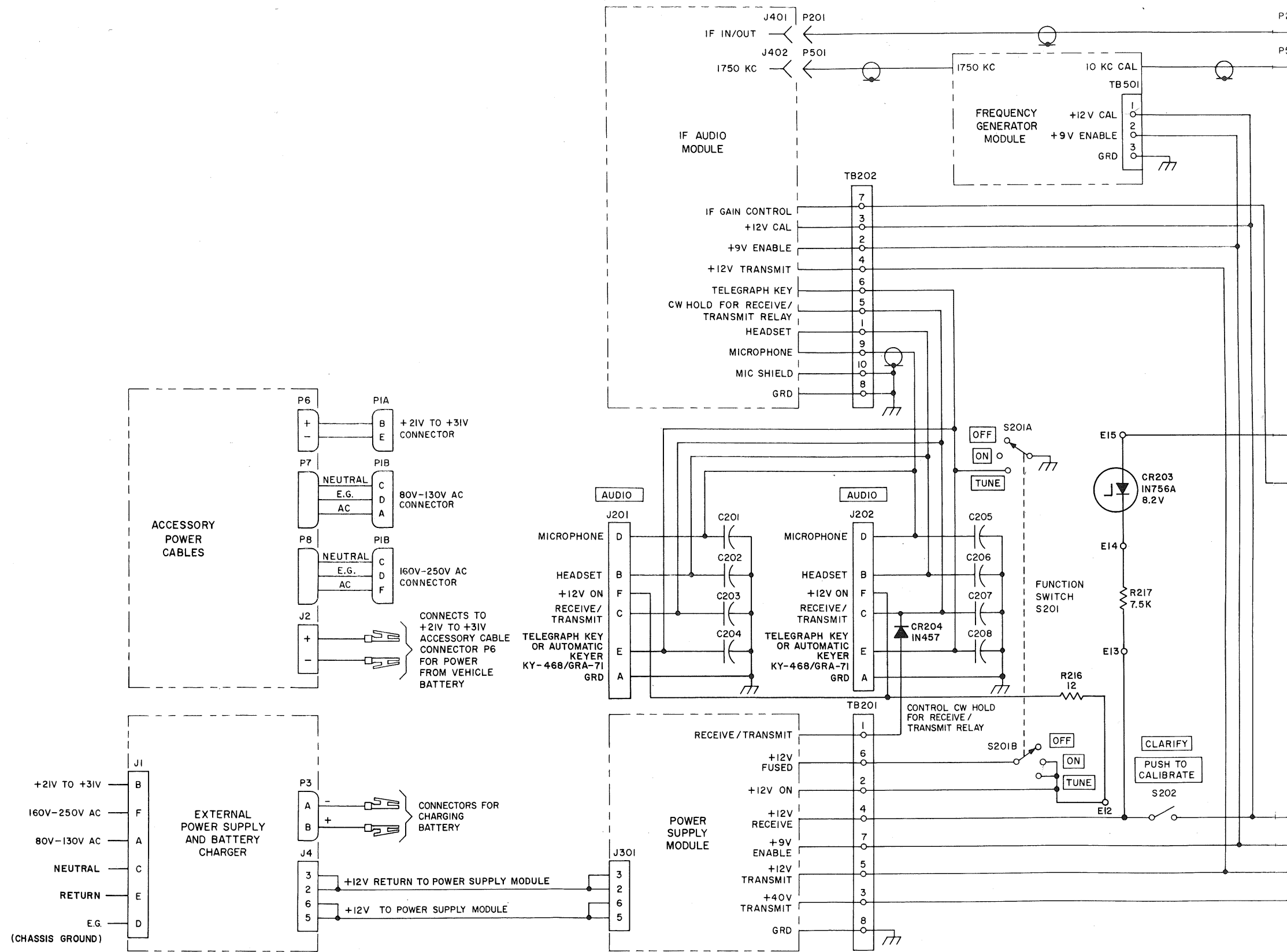
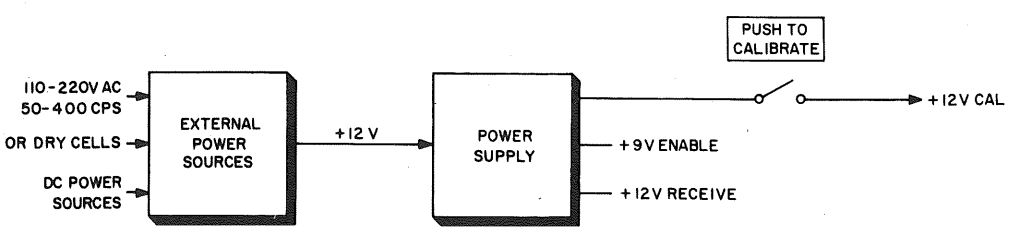
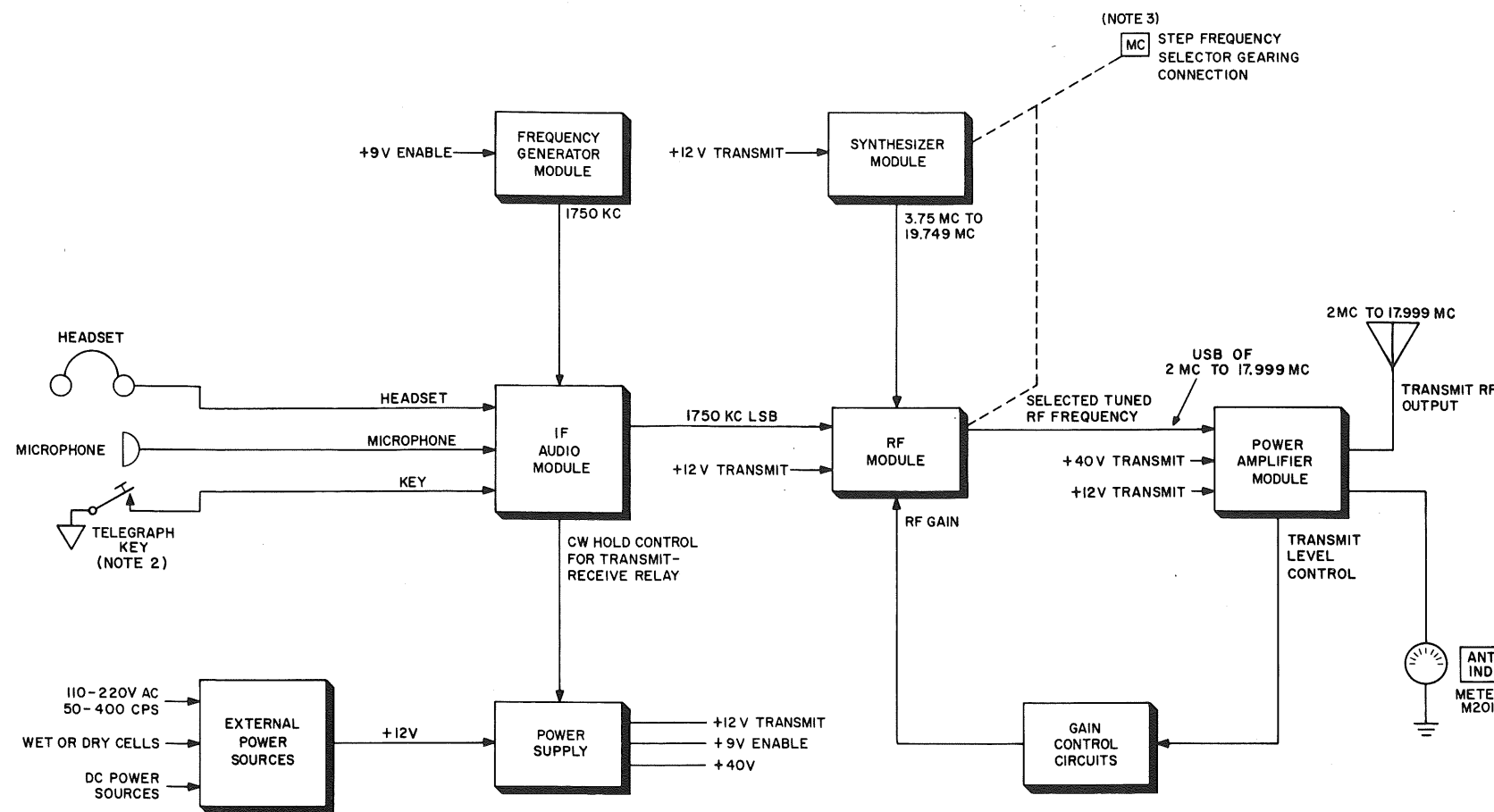
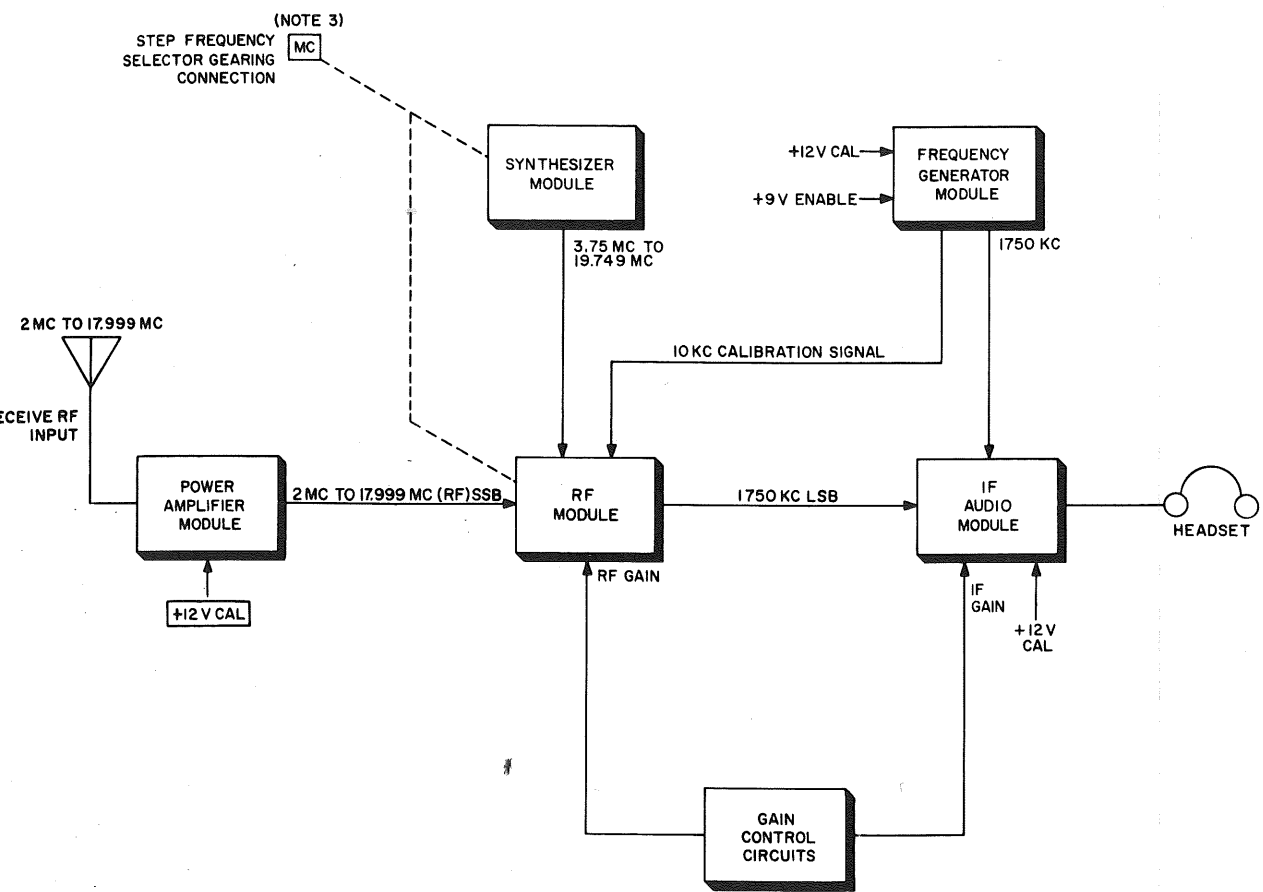


Figure 6-1. Radio Sets AN/P

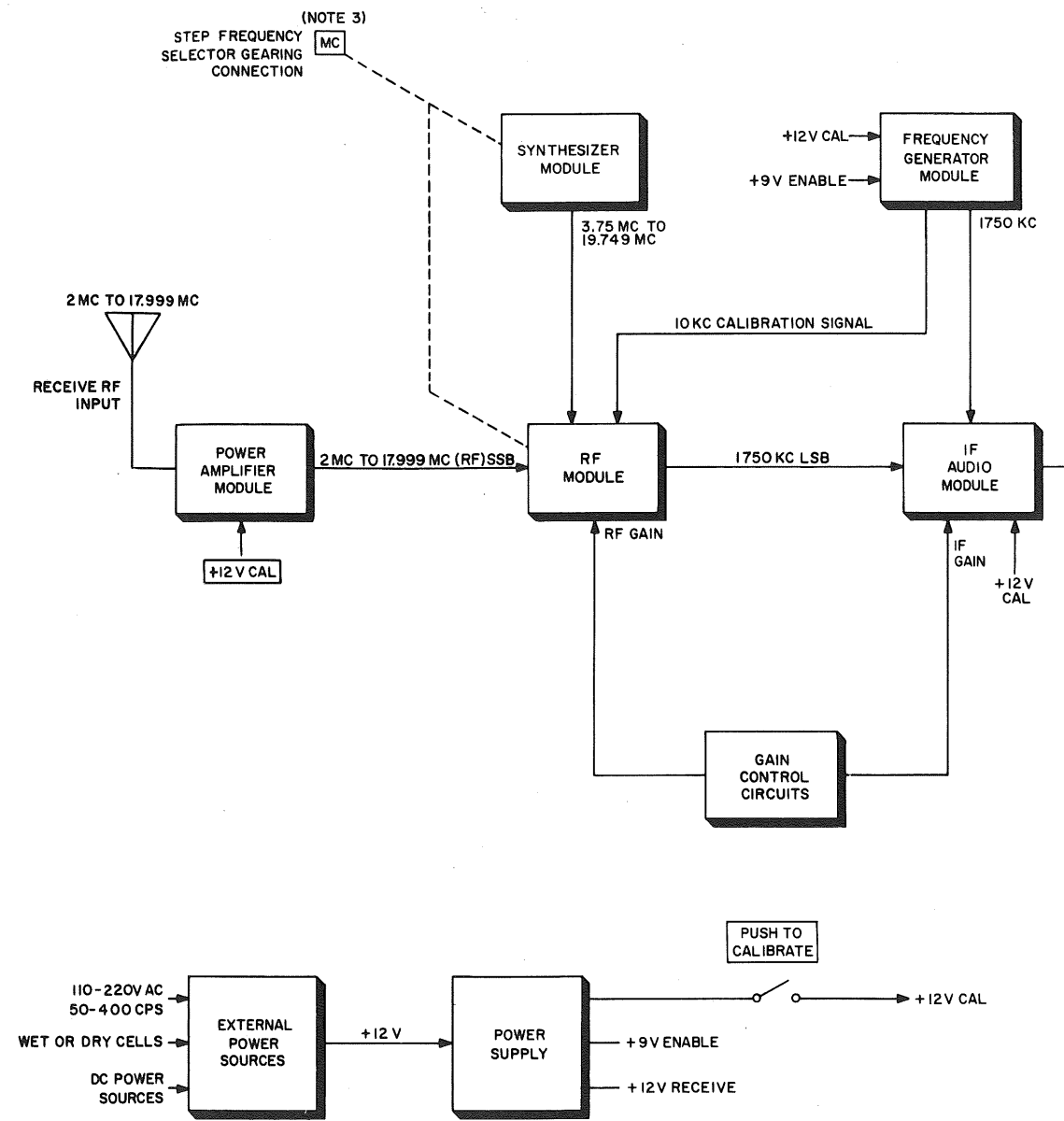


A. RECEIVE MODE

B. TRANSMIT MODE

- NOTES:**
1. INDICATES EQUIPMENT MARKING
 2. KEYING MAY BE EFFECTED BY AUTOMATIC KEYS KY-468/GRA-71
 3. AN/PRC-74C EQUIPMENT MARKED IN HERTZ (HZ) INSTEAD OF CYCLES (C).

Figure 6-2. Radio Sets AN/PRC-74B and AN/PRC-74C, operational modes, block diagram.



A. RECEIVE MODE

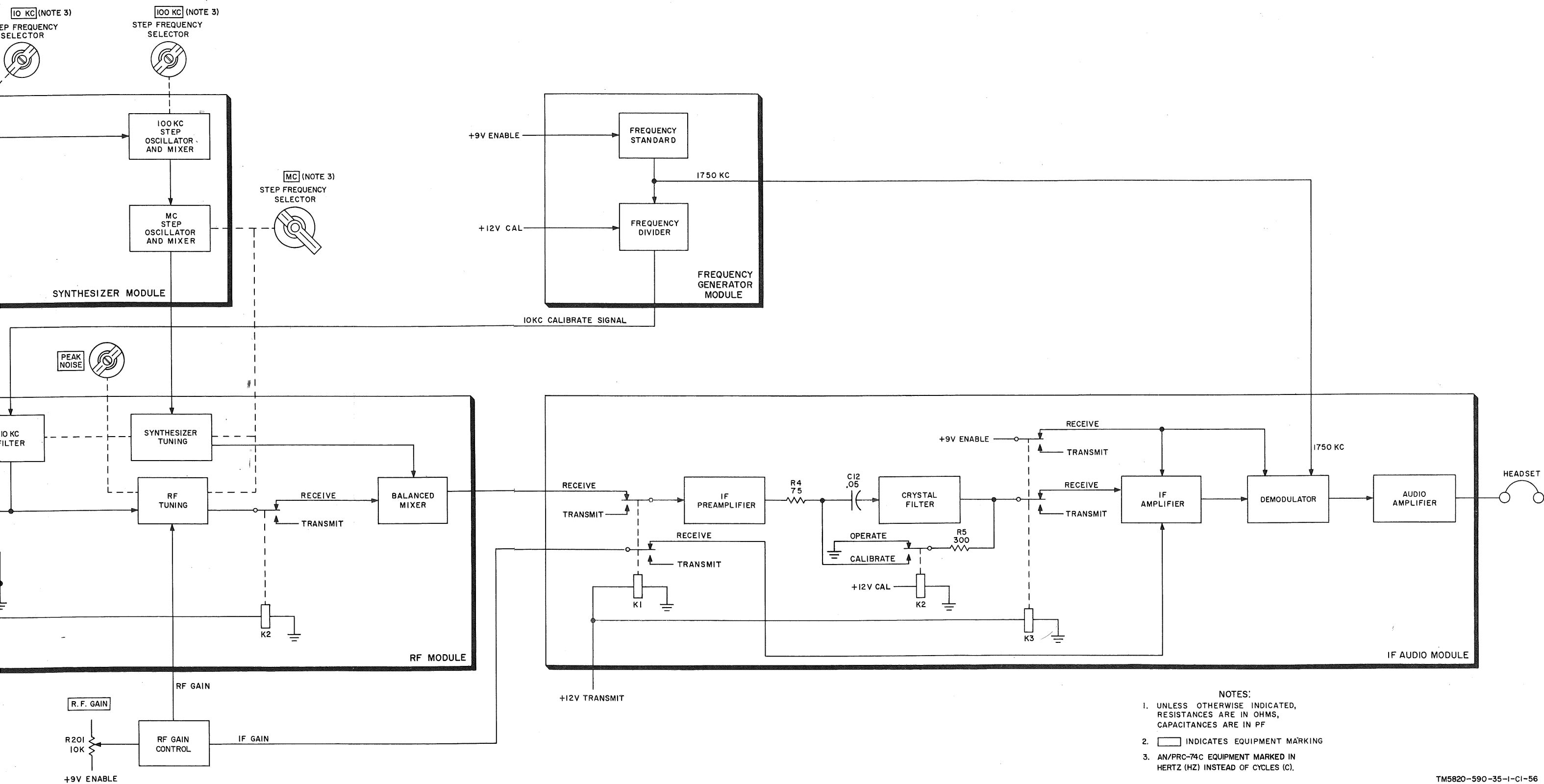
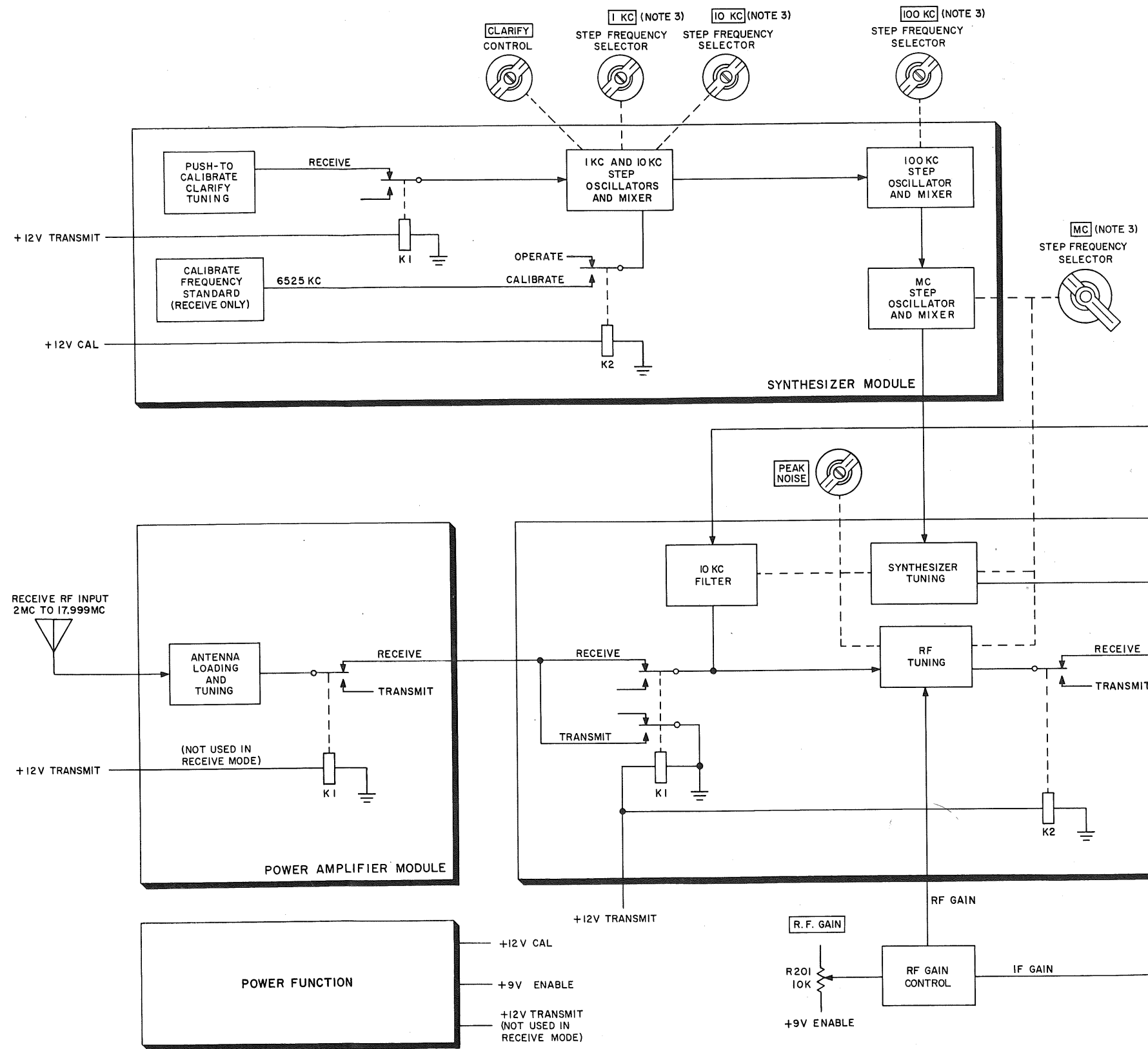
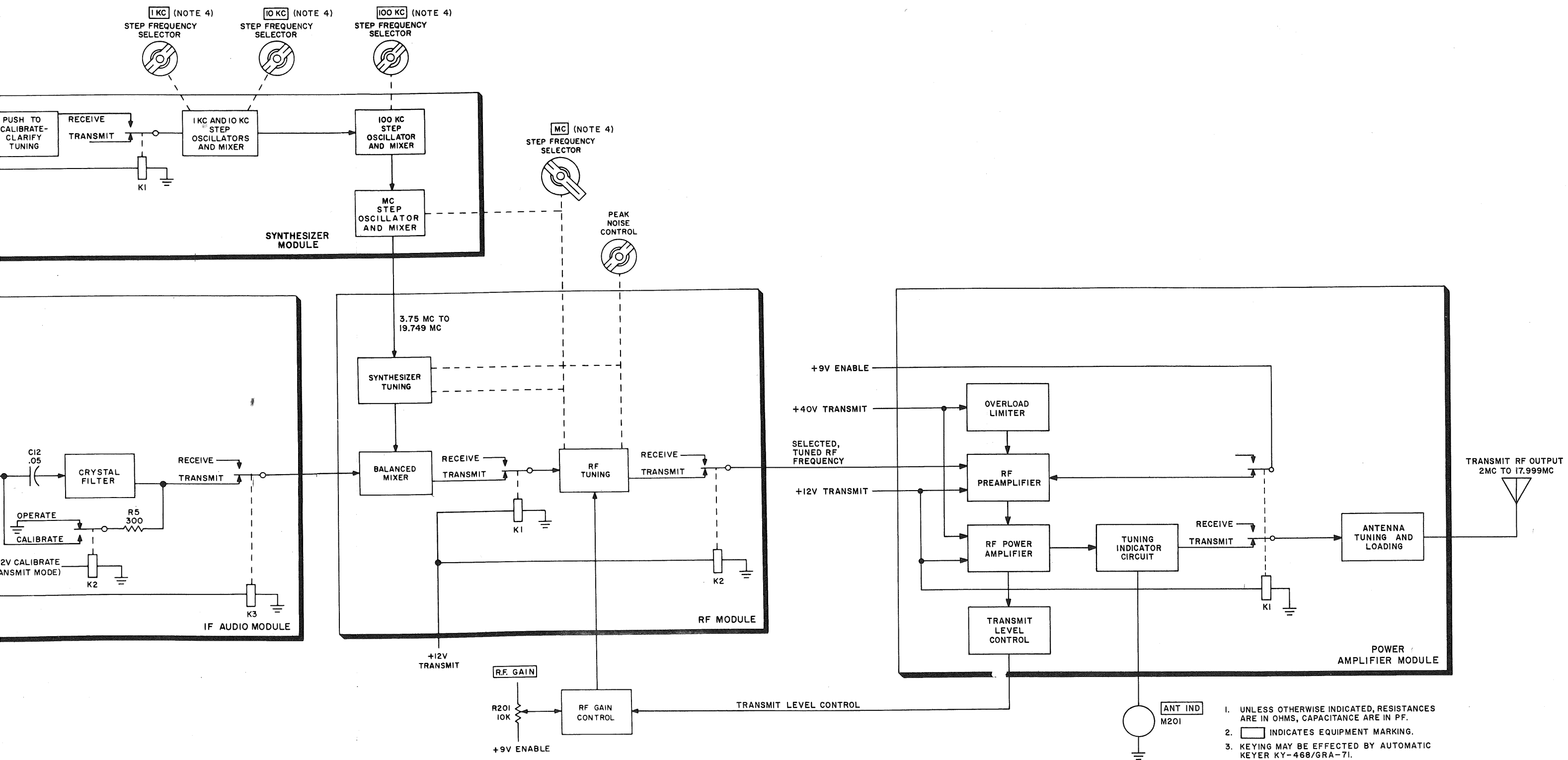


Figure 6-3. Receive function, block diagram.





1. UNLESS OTHERWISE INDICATED, RESISTANCES ARE IN OHMS, CAPACITANCE ARE IN PF.
2. [] INDICATES EQUIPMENT MARKING.
3. KEYING MAY BE EFFECTED BY AUTOMATIC KEYS KY-468/GRA-71.
4. AN/PRC-74C EQUIPMENT MARKED IN HERTZ (HZ) INSTEAD OF CYCLES (C).

Figure 6-4. Transmit function, block diagram.

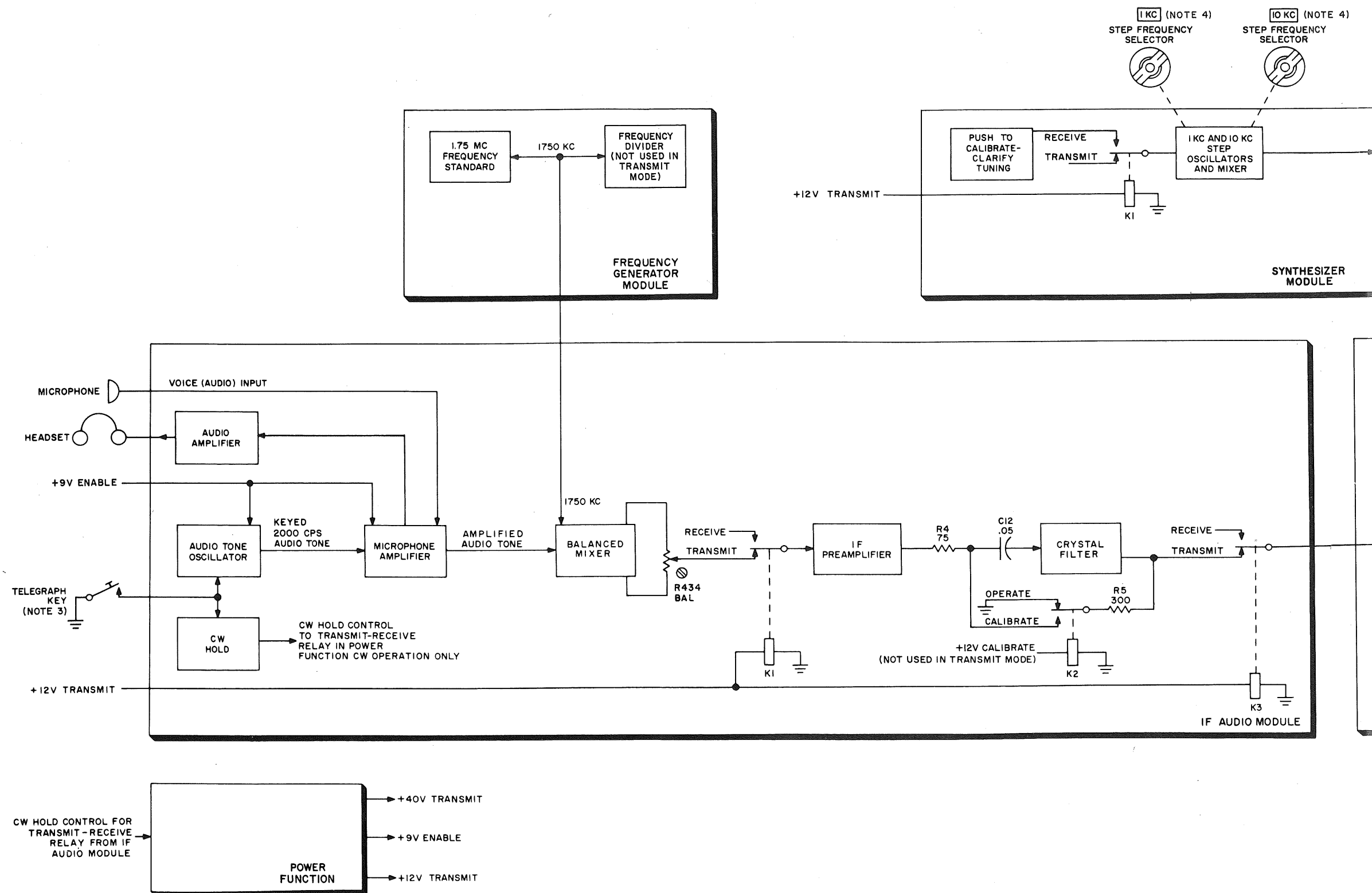


Figure 6-4. Transmitter

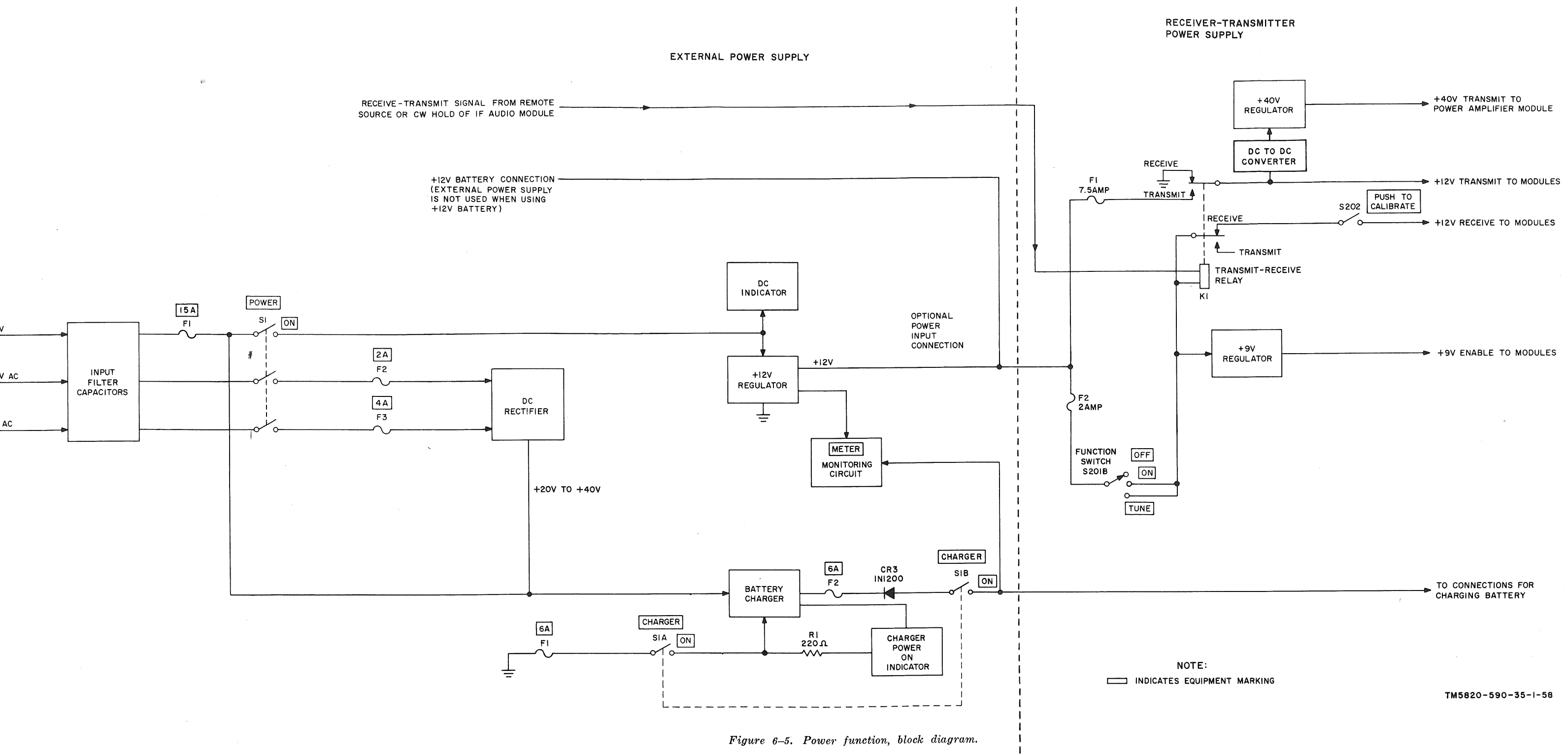


Figure 6-5. Power function, block diagram.

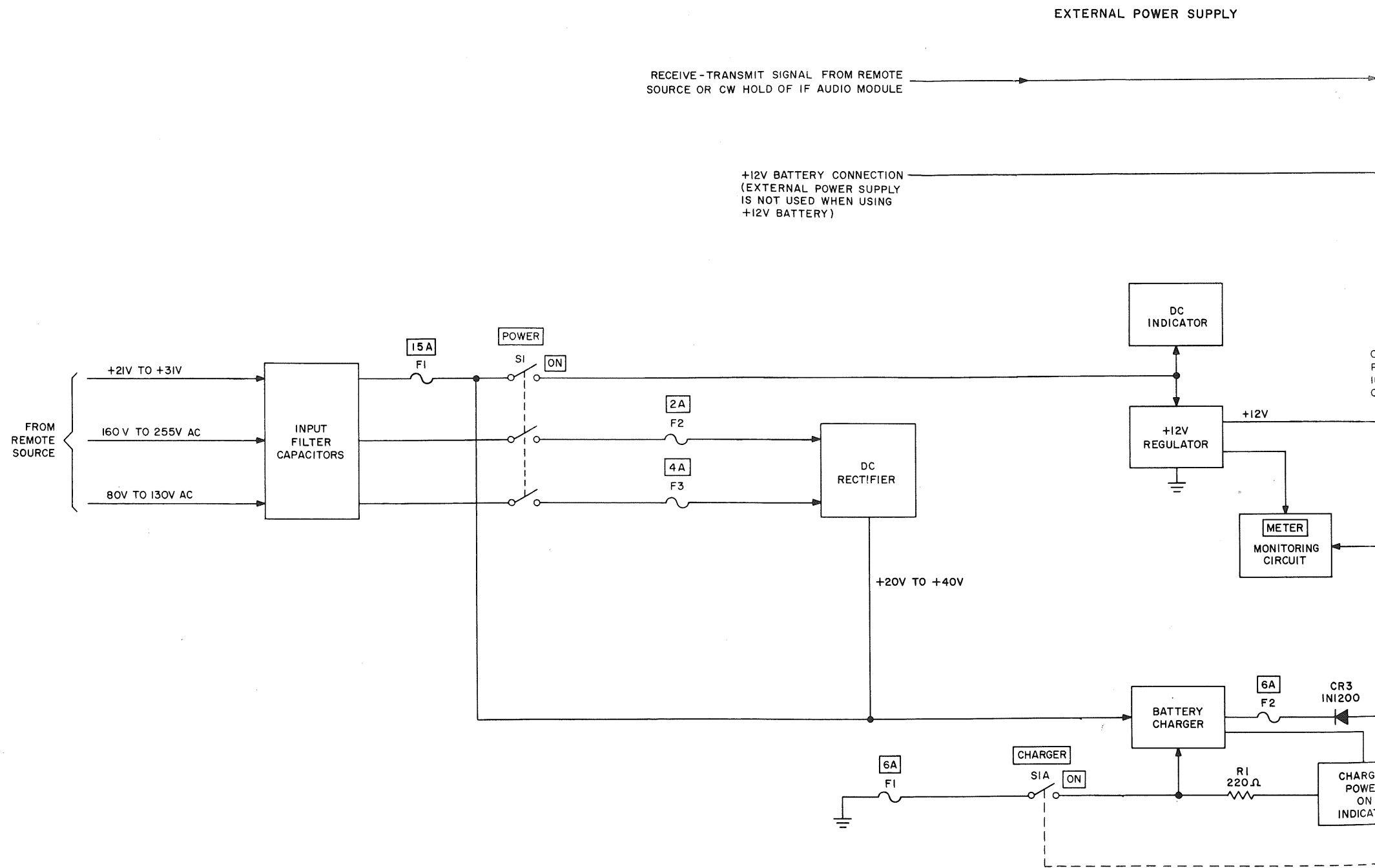


Figure 6-5. Power function, block diagram

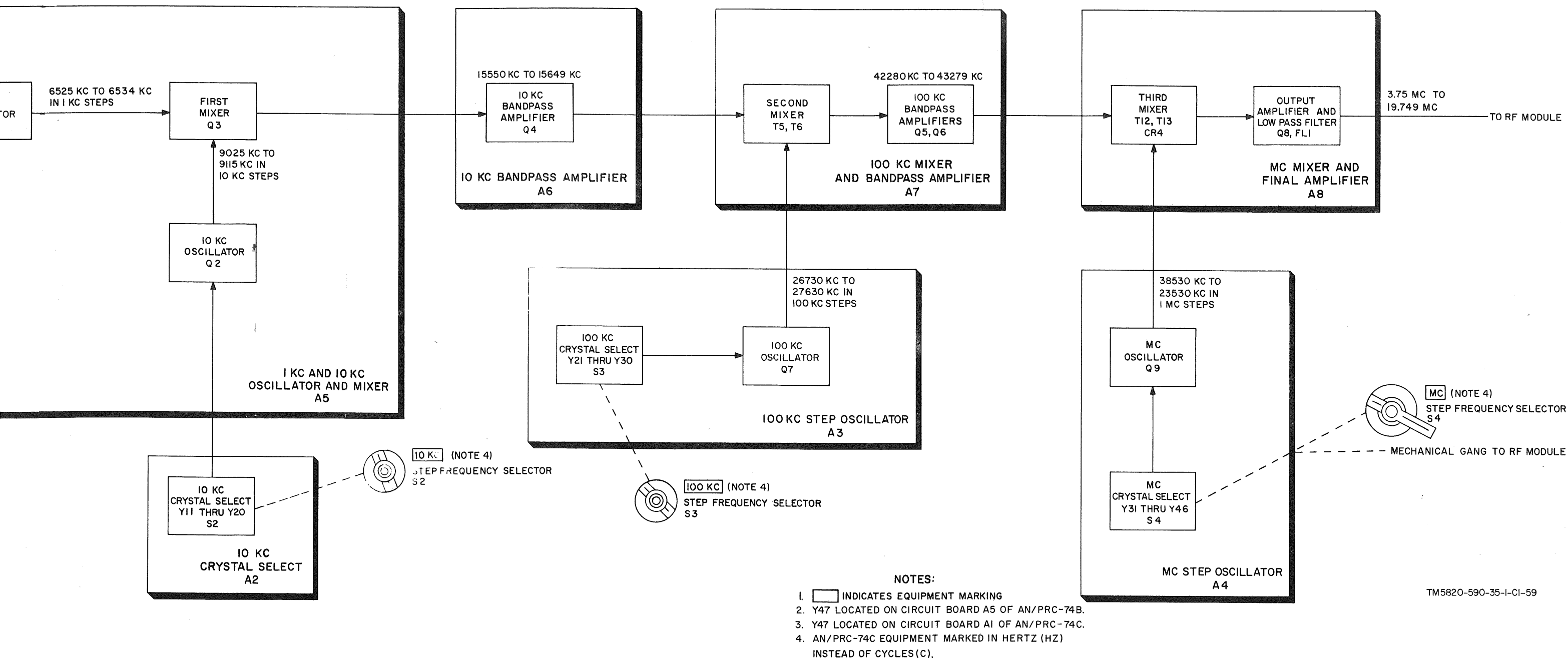
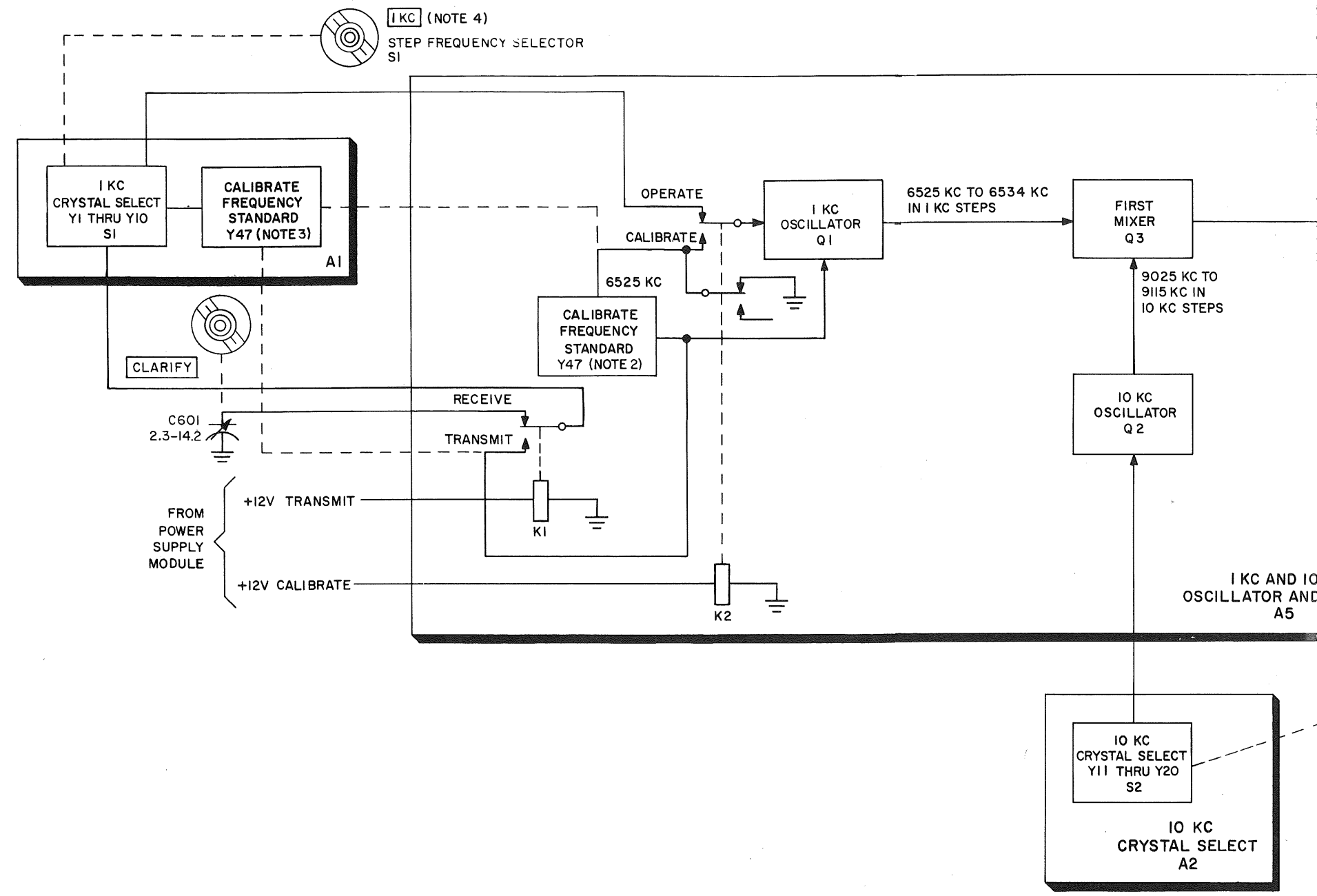
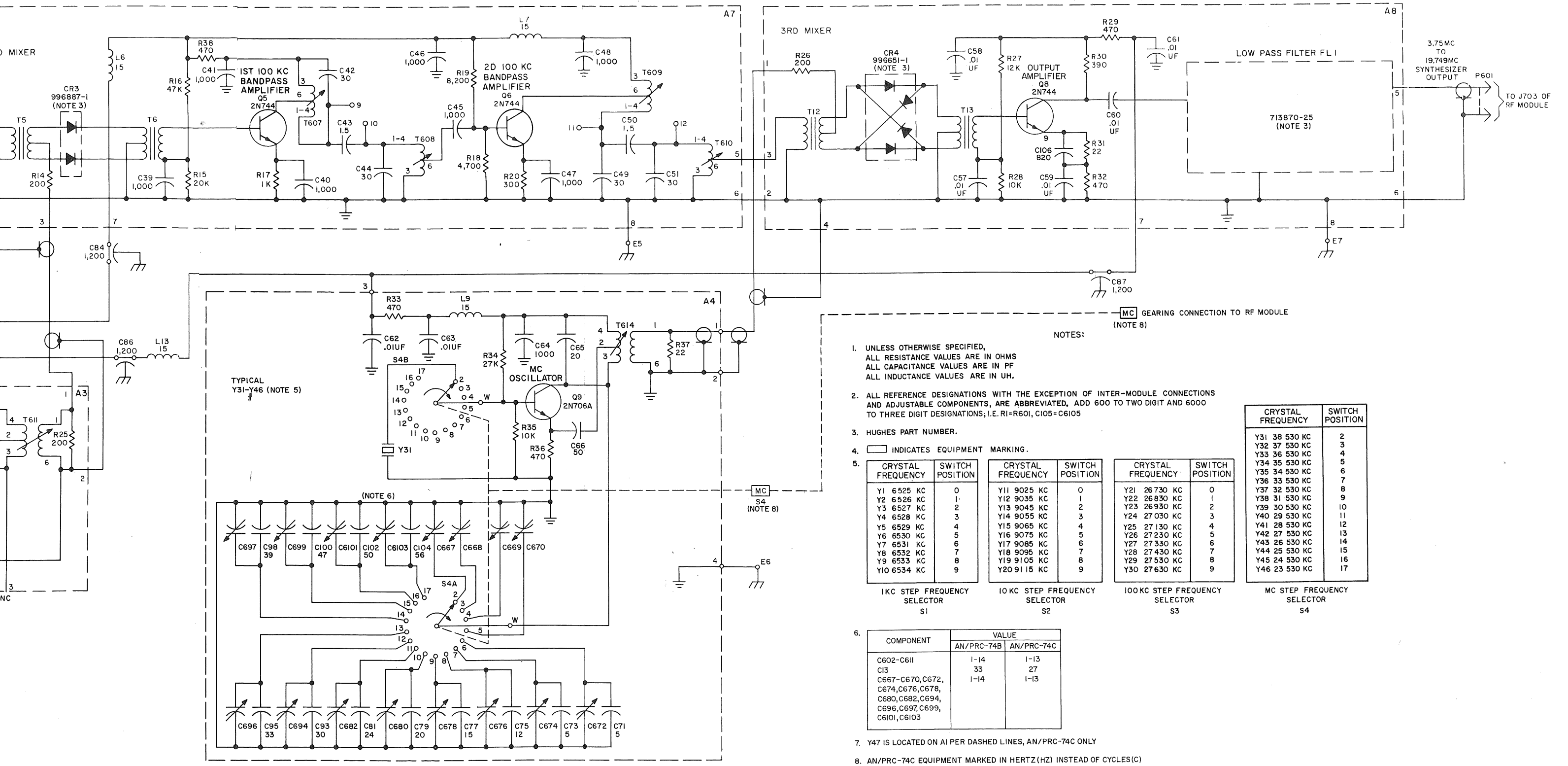


Figure 6-6. Synthesizer module, block diagram.





NOTES:
 (NOTE 8) GEARING CONNECTION TO RF MODULE

- UNLESS OTHERWISE SPECIFIED, ALL RESISTANCE VALUES ARE IN OHMS ALL CAPACITANCE VALUES ARE IN PF ALL INDUCTANCE VALUES ARE IN UH.
- ALL REFERENCE DESIGNATIONS WITH THE EXCEPTION OF INTER-MODULE CONNECTIONS AND ADJUSTABLE COMPONENTS, ARE ABBREVIATED. ADD 600 TO TWO DIGIT AND 6000 TO THREE DIGIT DESIGNATIONS; I.E. R1=R601, C105=C6105
- HUGHES PART NUMBER.
- INDICATES EQUIPMENT MARKING.

CRYSTAL FREQUENCY	SWITCH POSITION
Y1 6525 KC	0
Y2 6526 KC	1
Y3 6527 KC	2
Y4 6528 KC	3
Y5 6529 KC	4
Y6 6530 KC	5
Y7 6531 KC	6
Y8 6532 KC	7
Y9 6533 KC	8
Y10 6534 KC	9

CRYSTAL FREQUENCY	SWITCH POSITION
Y11 9025 KC	0
Y12 9035 KC	1
Y13 9045 KC	2
Y14 9055 KC	3
Y15 9065 KC	4
Y16 9075 KC	5
Y17 9085 KC	6
Y18 9095 KC	7
Y19 9105 KC	8
Y20 9115 KC	9

CRYSTAL FREQUENCY	SWITCH POSITION
Y21 26730 KC	0
Y22 26830 KC	1
Y23 26930 KC	2
Y24 27030 KC	3
Y25 27130 KC	4
Y26 27230 KC	5
Y27 27330 KC	6
Y28 27430 KC	7
Y29 27530 KC	8
Y30 27630 KC	9

CRYSTAL FREQUENCY	SWITCH POSITION
Y31 38 530 KC	2
Y32 37 530 KC	3
Y33 36 530 KC	4
Y34 35 530 KC	5
Y35 34 530 KC	6
Y36 33 530 KC	7
Y37 32 530 KC	8
Y38 31 530 KC	9
Y39 30 530 KC	10
Y40 29 530 KC	11
Y41 28 530 KC	12
Y42 27 530 KC	13
Y43 26 530 KC	14
Y44 25 530 KC	15
Y45 24 530 KC	16
Y46 23 530 KC	17

COMPONENT	VALUE	
	AN/PRC-74B	AN/PRC-74C
C602-C611	1-14	1-13
C13	33	27
C667-C670, C672, C674, C676, C678, C680, C682, C694, C696, C697, C699, C6101, C6103	1-14	1-13

- Y47 IS LOCATED ON A1 PER DASHED LINES, AN/PRC-74C ONLY
- AN/PRC-74C EQUIPMENT MARKED IN HERTZ (HZ) INSTEAD OF CYCLES (C)

Figure 6-7. Synthesizer module, schematic diagram.

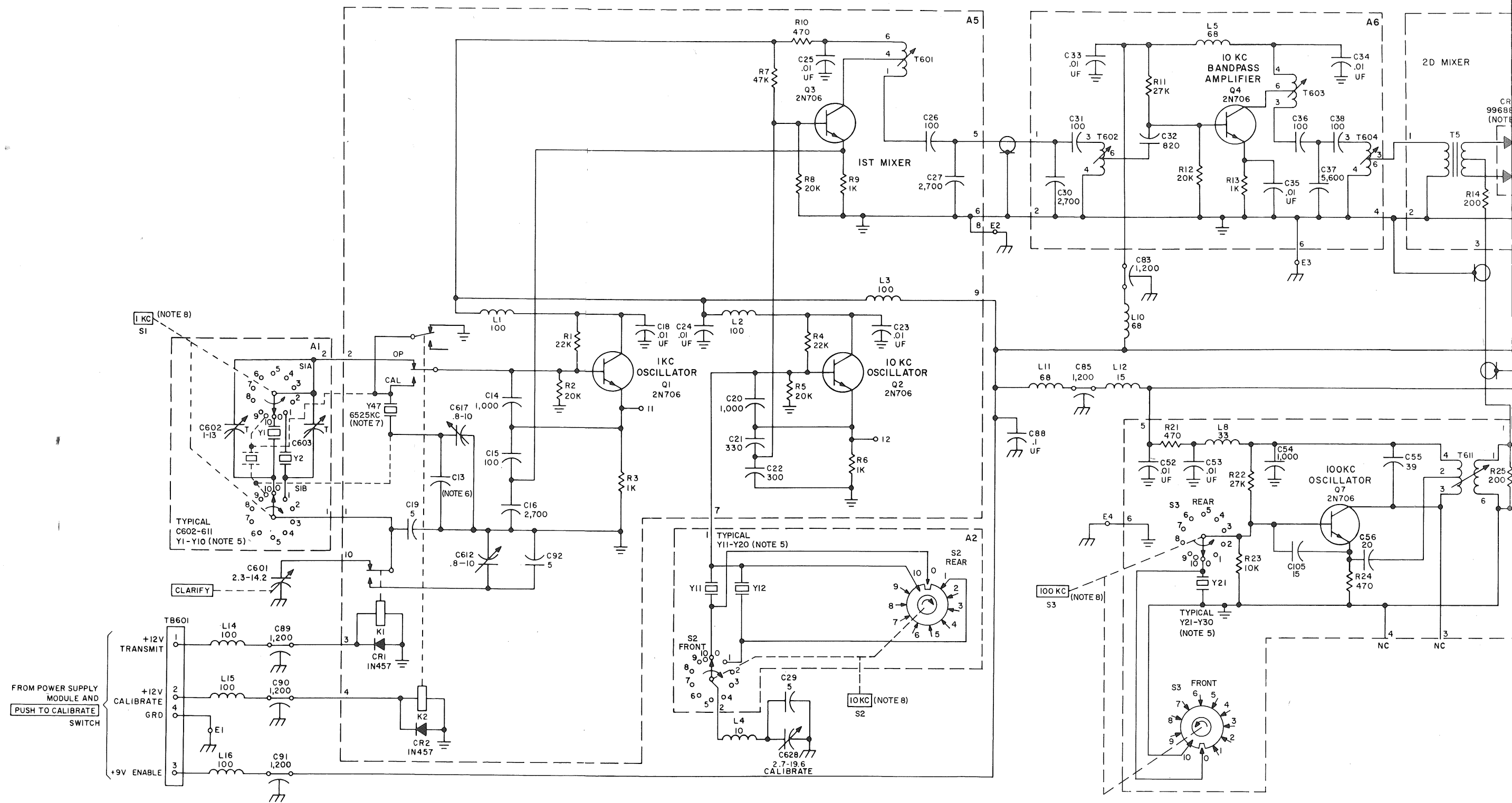
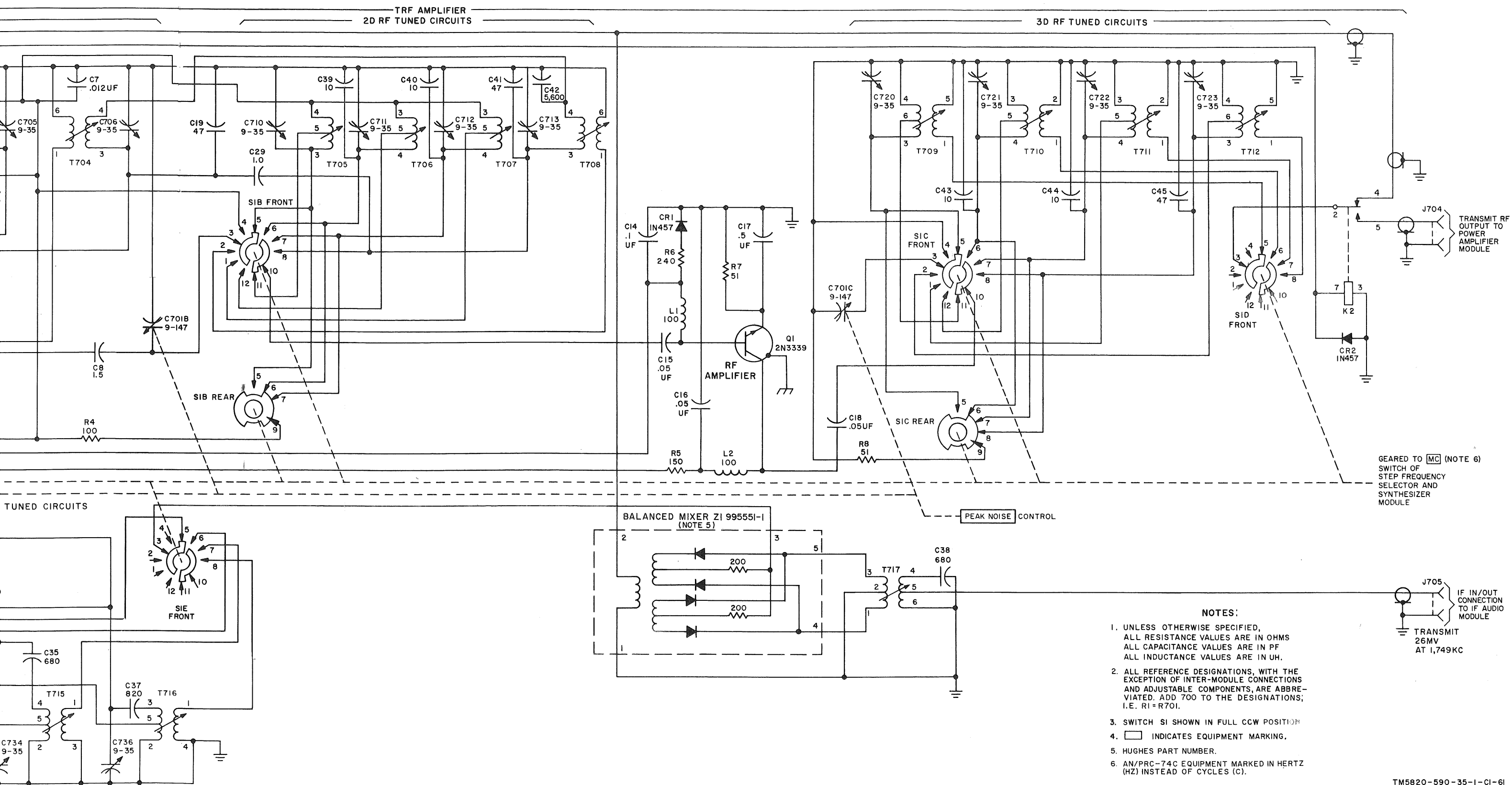


Figure 6-7. Synth



- NOTES:**
1. UNLESS OTHERWISE SPECIFIED, ALL RESISTANCE VALUES ARE IN OHMS ALL CAPACITANCE VALUES ARE IN PF ALL INDUCTANCE VALUES ARE IN UH.
 2. ALL REFERENCE DESIGNATIONS, WITH THE EXCEPTION OF INTER-MODULE CONNECTIONS AND ADJUSTABLE COMPONENTS, ARE ABBREVIATED. ADD 700 TO THE DESIGNATIONS; I.E. R1=R701.
 3. SWITCH S1 SHOWN IN FULL CCW POSITION.
 4. INDICATES EQUIPMENT MARKING.
 5. HUGHES PART NUMBER.
 6. AN/PRC-74C EQUIPMENT MARKED IN HERTZ (HZ) INSTEAD OF CYCLES (C).

GEARED TO MC (NOTE 6) SWITCH OF STEP FREQUENCY SELECTOR AND SYNTHESIZER MODULE

J705 IF IN/OUT CONNECTION TO IF AUDIO MODULE
TRANSMIT 26MV AT 1,749KC

Figure 6-8. RF module, schematic diagram.

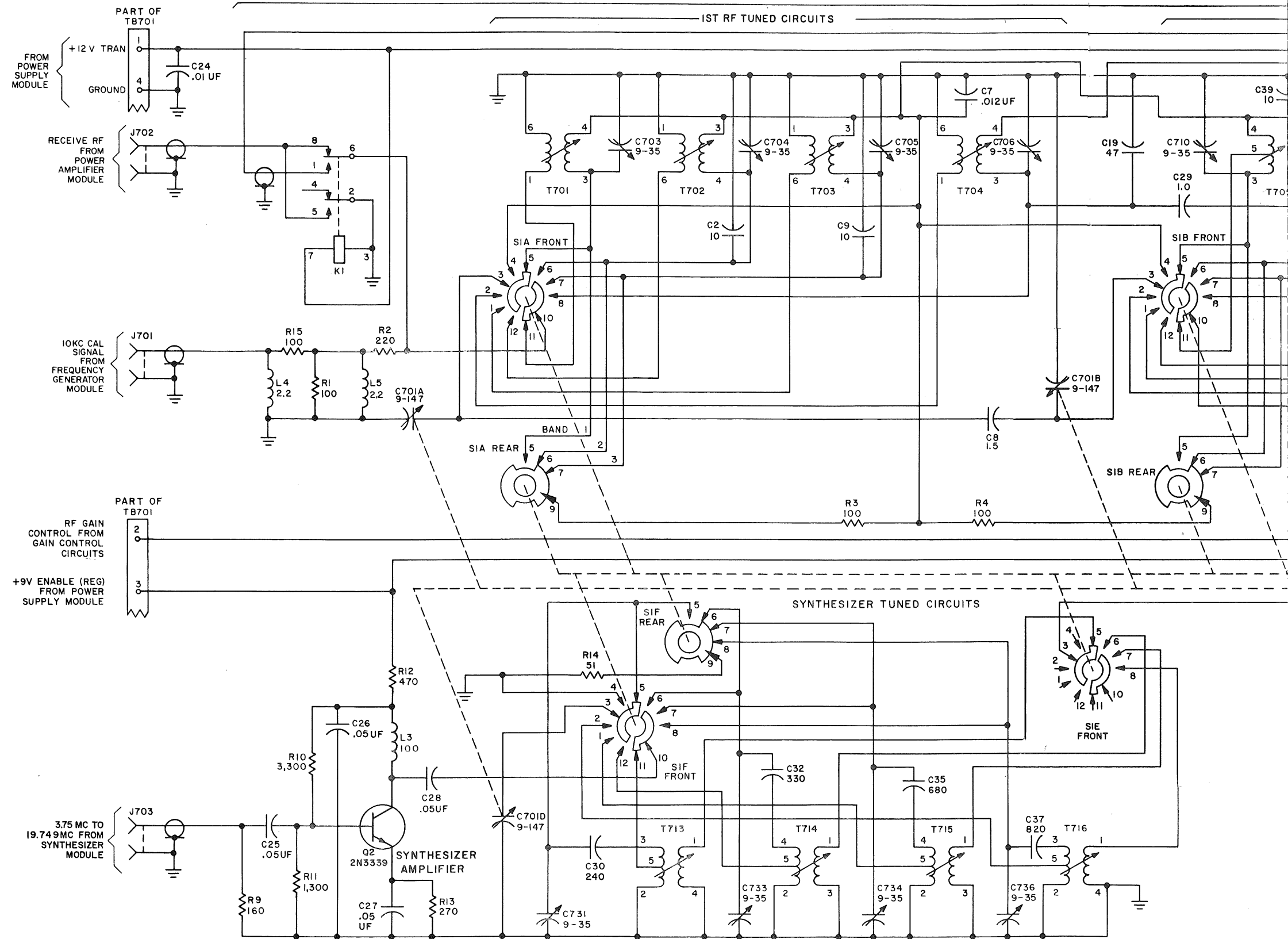


Figure 6-8

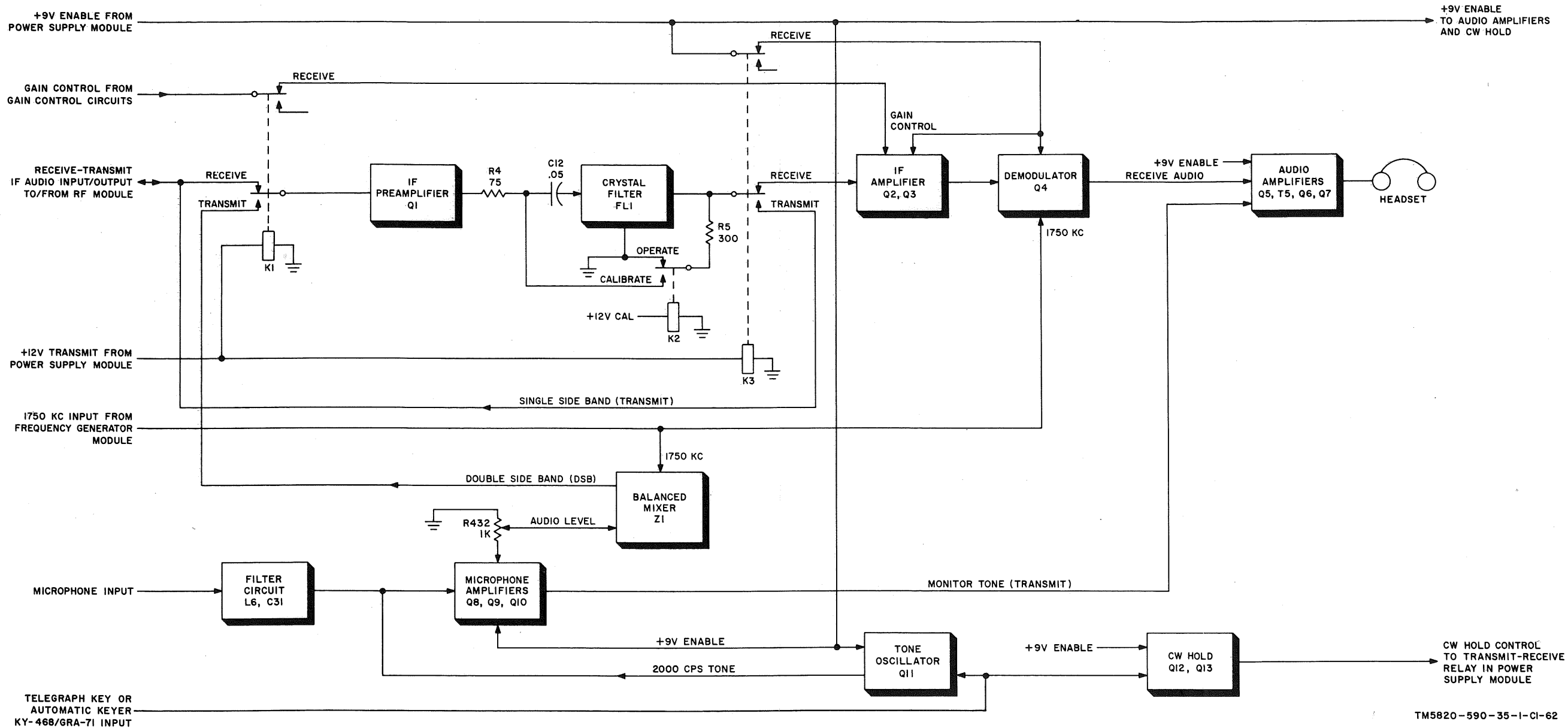
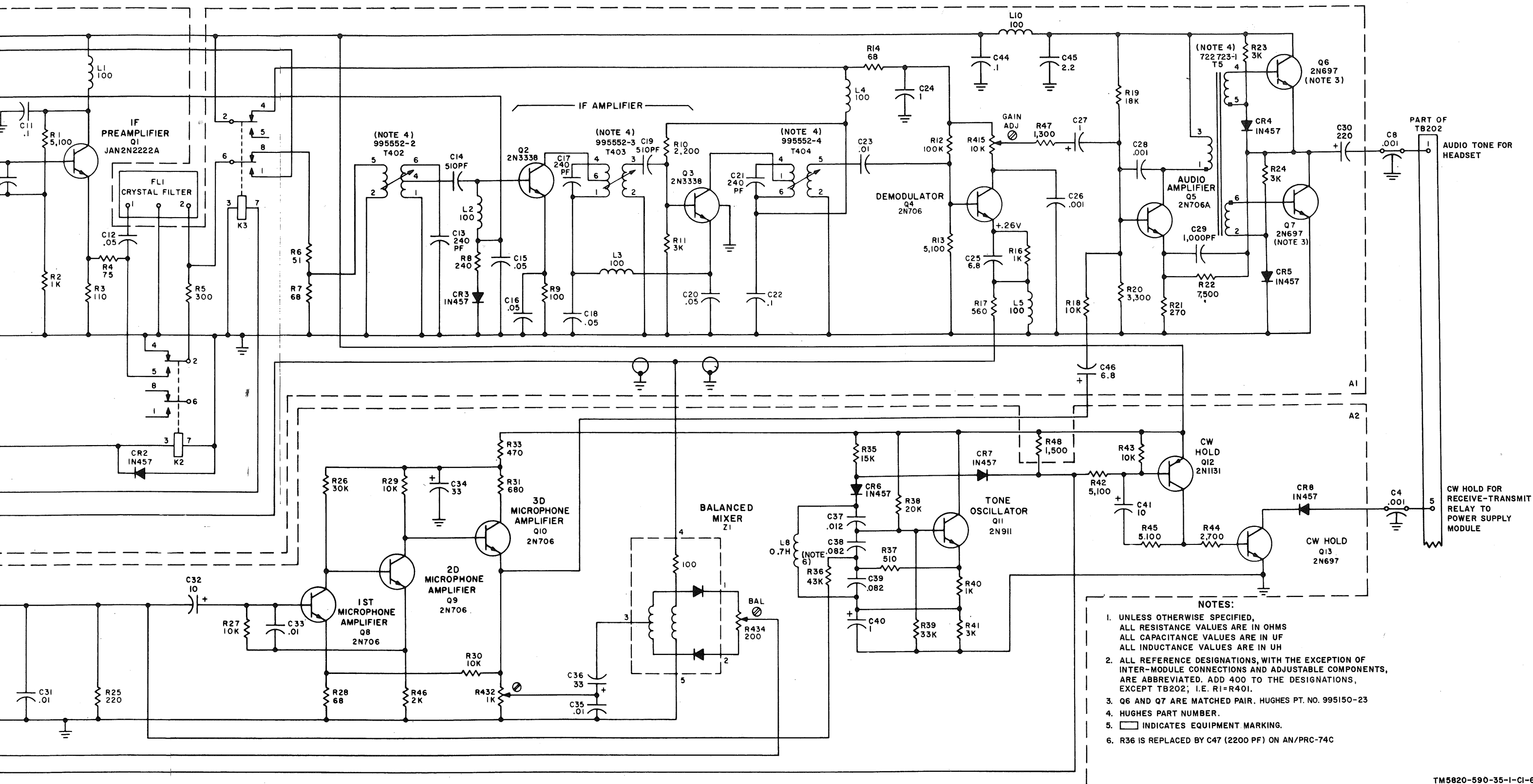


Figure 6-9. IF audio module, block diagram.



- NOTES:**
1. UNLESS OTHERWISE SPECIFIED, ALL RESISTANCE VALUES ARE IN OHMS ALL CAPACITANCE VALUES ARE IN UF ALL INDUCTANCE VALUES ARE IN UH
 2. ALL REFERENCE DESIGNATIONS, WITH THE EXCEPTION OF INTER-MODULE CONNECTIONS AND ADJUSTABLE COMPONENTS, ARE ABBREVIATED. ADD 400 TO THE DESIGNATIONS, EXCEPT TB202; I.E. R1=R401.
 3. Q6 AND Q7 ARE MATCHED PAIR. HUGHES PT. NO. 995150-23
 4. HUGHES PART NUMBER.
 5. INDICATES EQUIPMENT MARKING.
 6. R36 IS REPLACED BY C47 (2200 PF) ON AN/PRC-74C

Figure 6-10. IF audio module, schematic diagram.

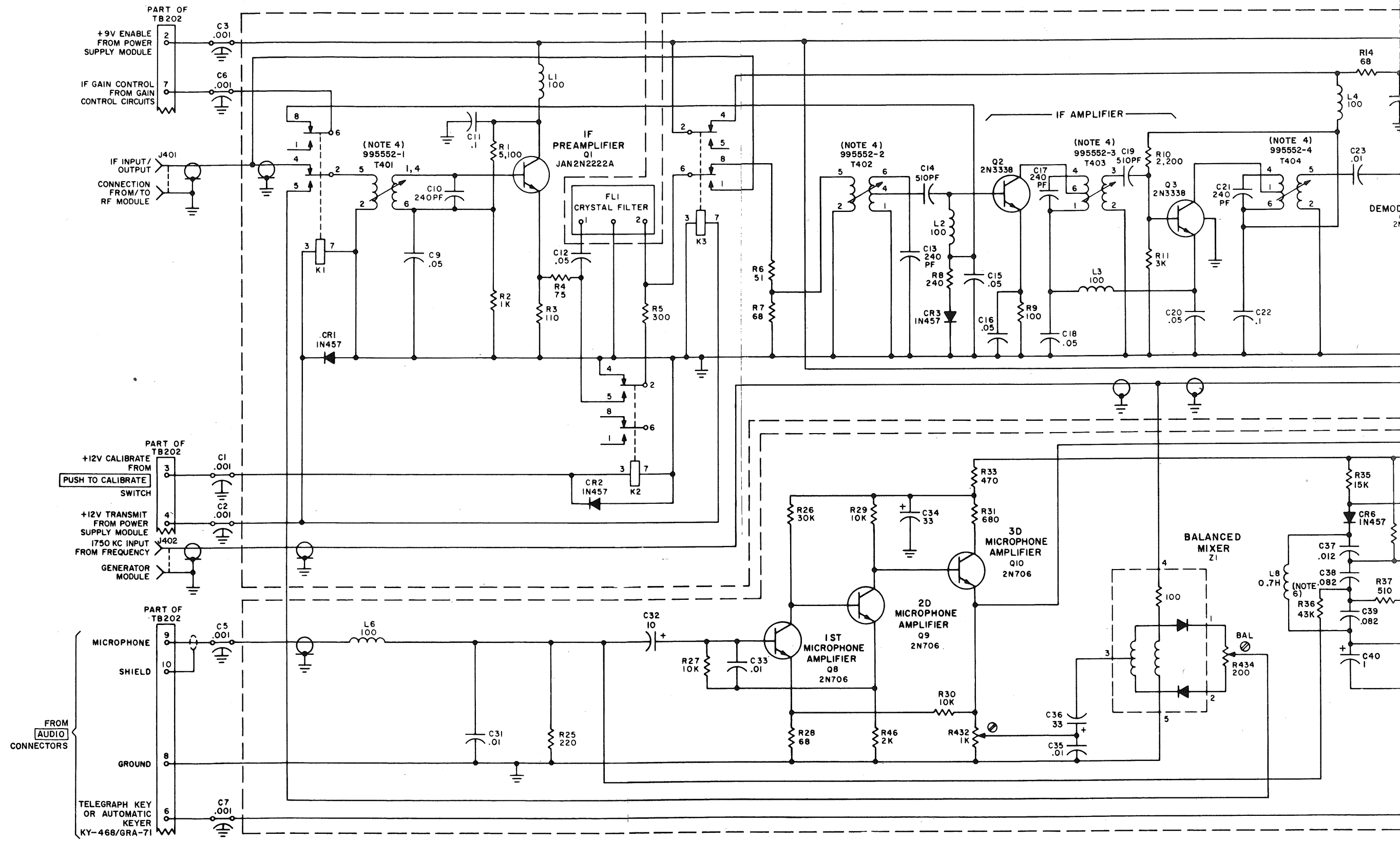
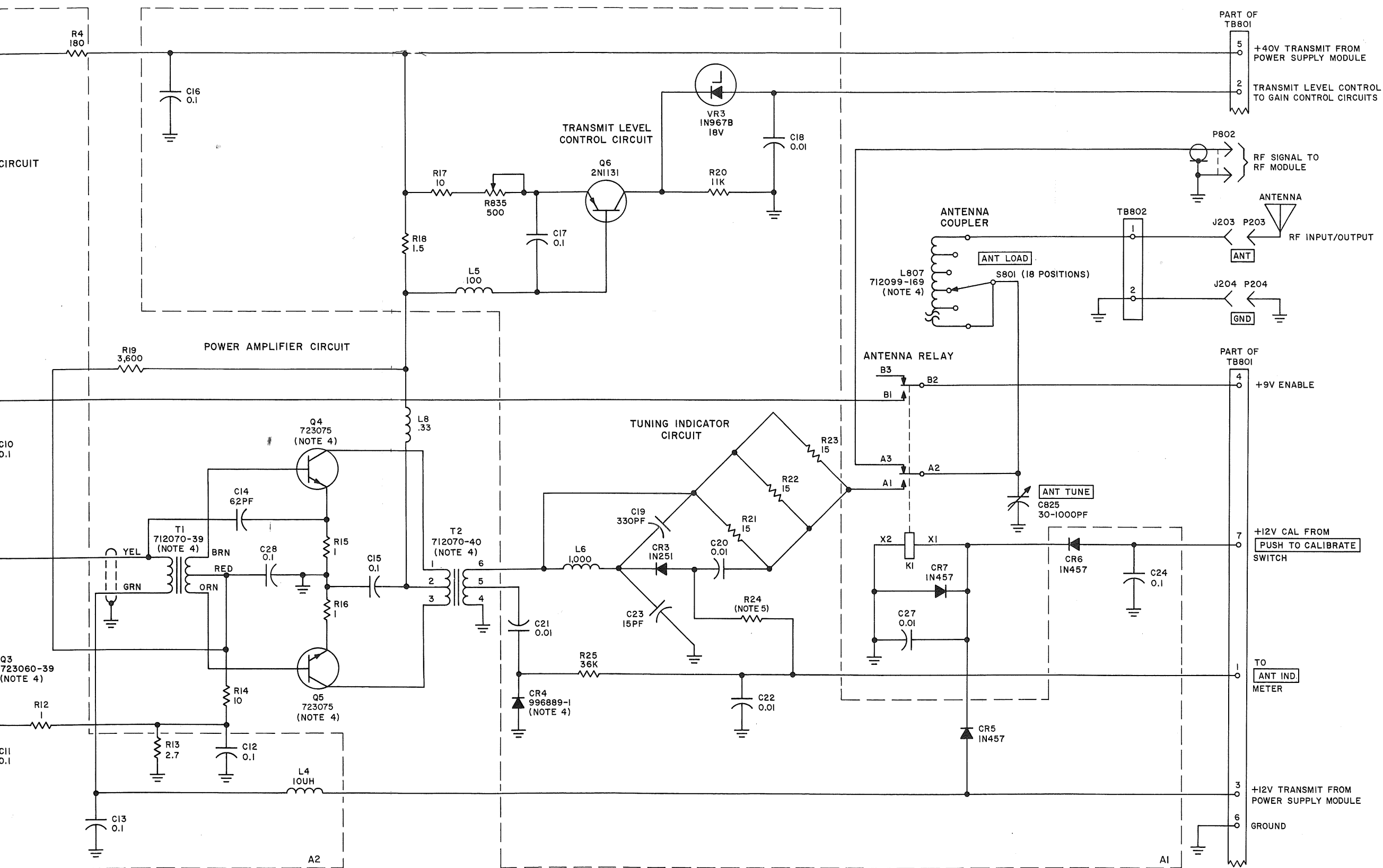


Figure 6-10. IF audio module, schematic diagram.



- NOTES:
- UNLESS OTHERWISE SPECIFIED, ALL RESISTANCE VALUES ARE IN OHMS, ALL CAPACITANCE VALUES ARE IN UF, ALL INDUCTANCE VALUES ARE IN UH.
 - ALL REFERENCE DESIGNATIONS ARE ABBREVIATED WITH THE EXCEPTION OF INTER-MODULE CONNECTIONS AND ADJUSTABLE COMPONENTS. ADD 800 TO THE DESIGNATIONS, EXCEPT FOR J203 AND J204; I. E. R1 = R801.
 - INDICATES EQUIPMENT MARKING
 - HUGHES PART NUMBER
 - | COMPONENT | VALUE |
|-----------|-------|
| R3 | 1200 |
| R24 | 3300 |
| | 1800 |
| | 1800 |

Figure 6-11. Power amplifier module, schematic diagram.

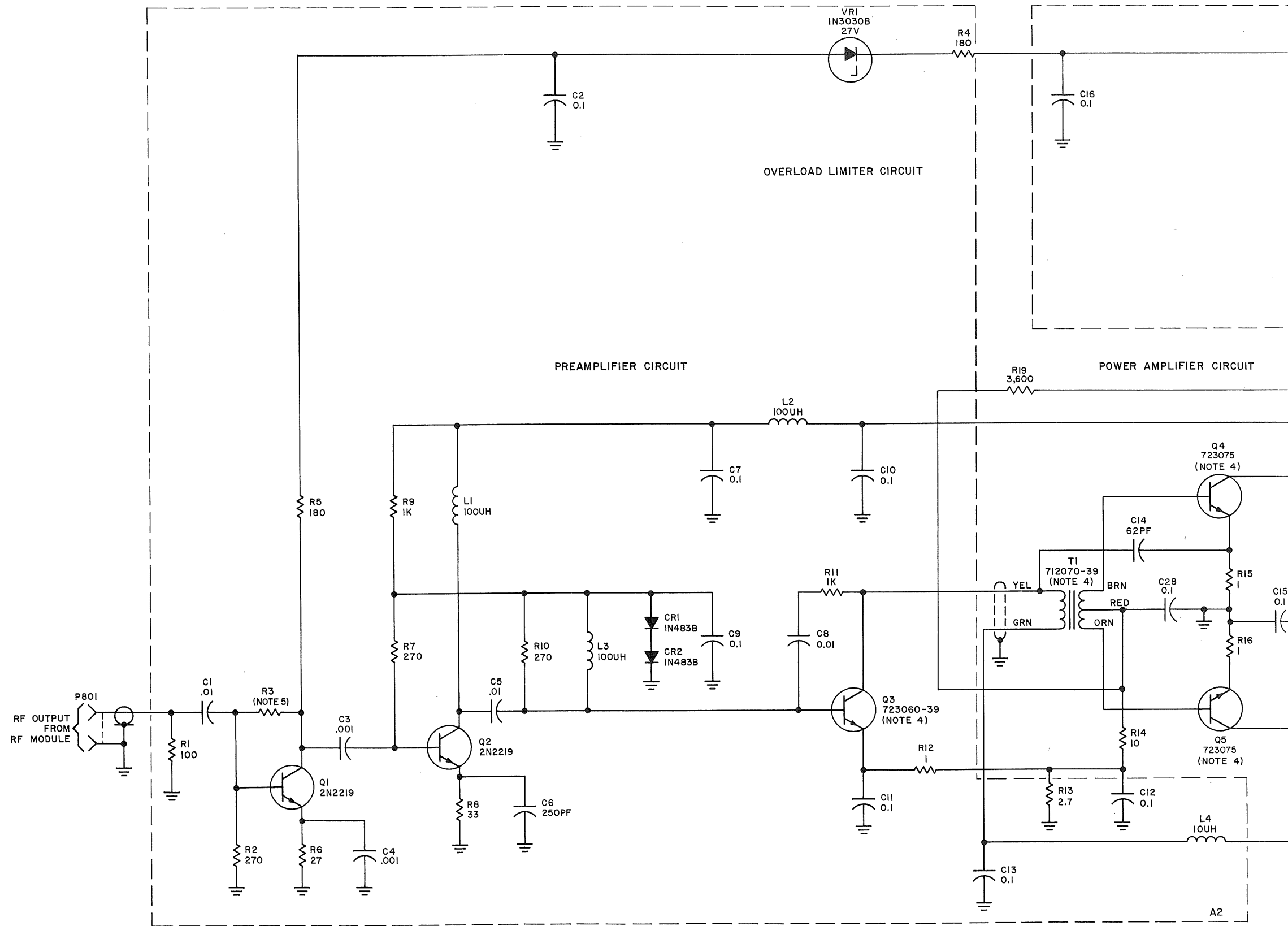
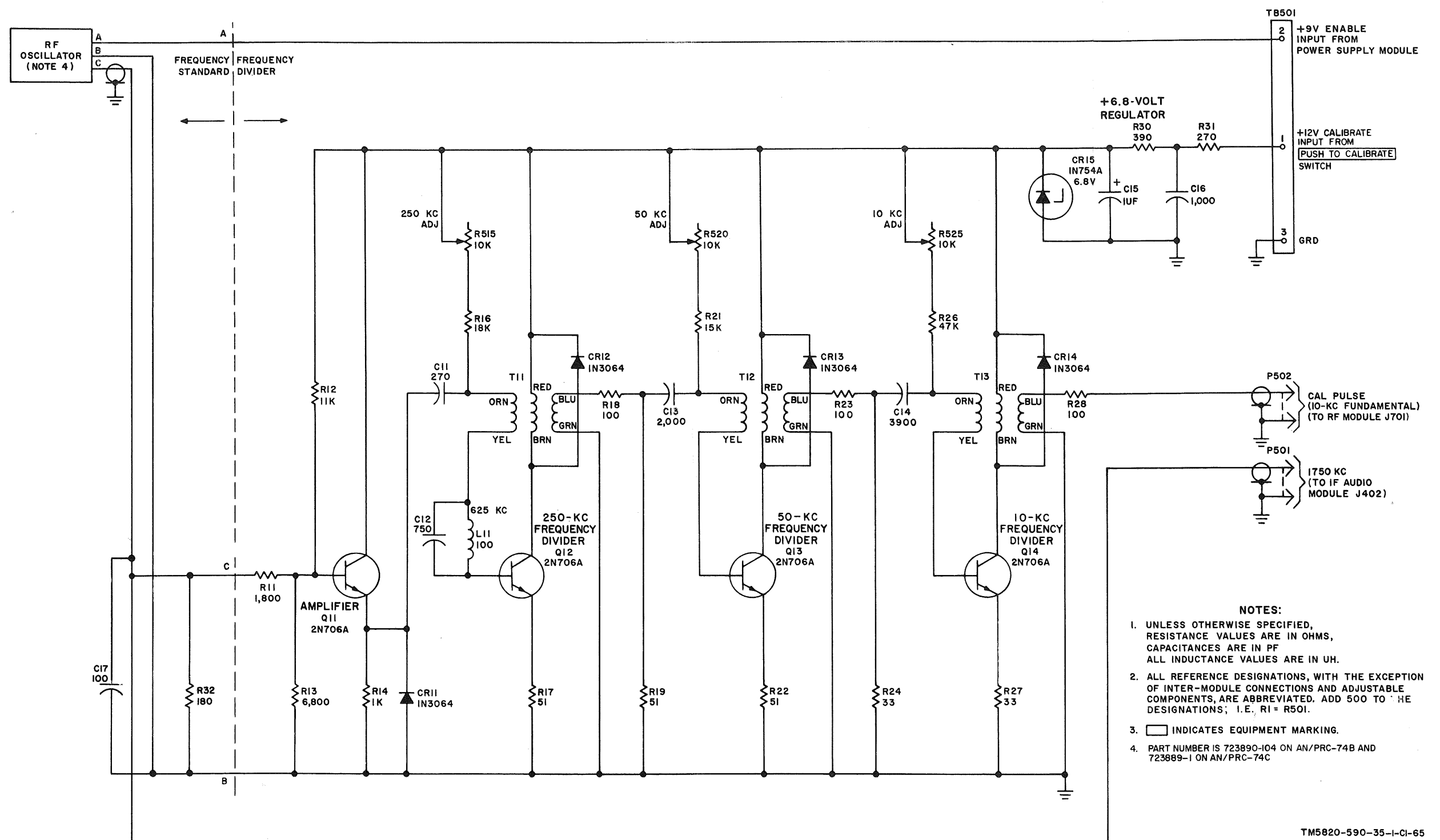


Figure 6-11. Power a




- NOTES:**
1. UNLESS OTHERWISE SPECIFIED, RESISTANCE VALUES ARE IN OHMS, CAPACITANCES ARE IN PF ALL INDUCTANCE VALUES ARE IN UH.
 2. ALL REFERENCE DESIGNATIONS, WITH THE EXCEPTION OF INTER-MODULE CONNECTIONS AND ADJUSTABLE COMPONENTS, ARE ABBREVIATED. ADD 500 TO THE DESIGNATIONS, I.E. R1 = R501.
 3.  INDICATES EQUIPMENT MARKING.
 4. PART NUMBER IS 723890-104 ON AN/PRC-74B AND 723889-1 ON AN/PRC-74C

Figure 6-12. Frequency generator module, schematic diagram.

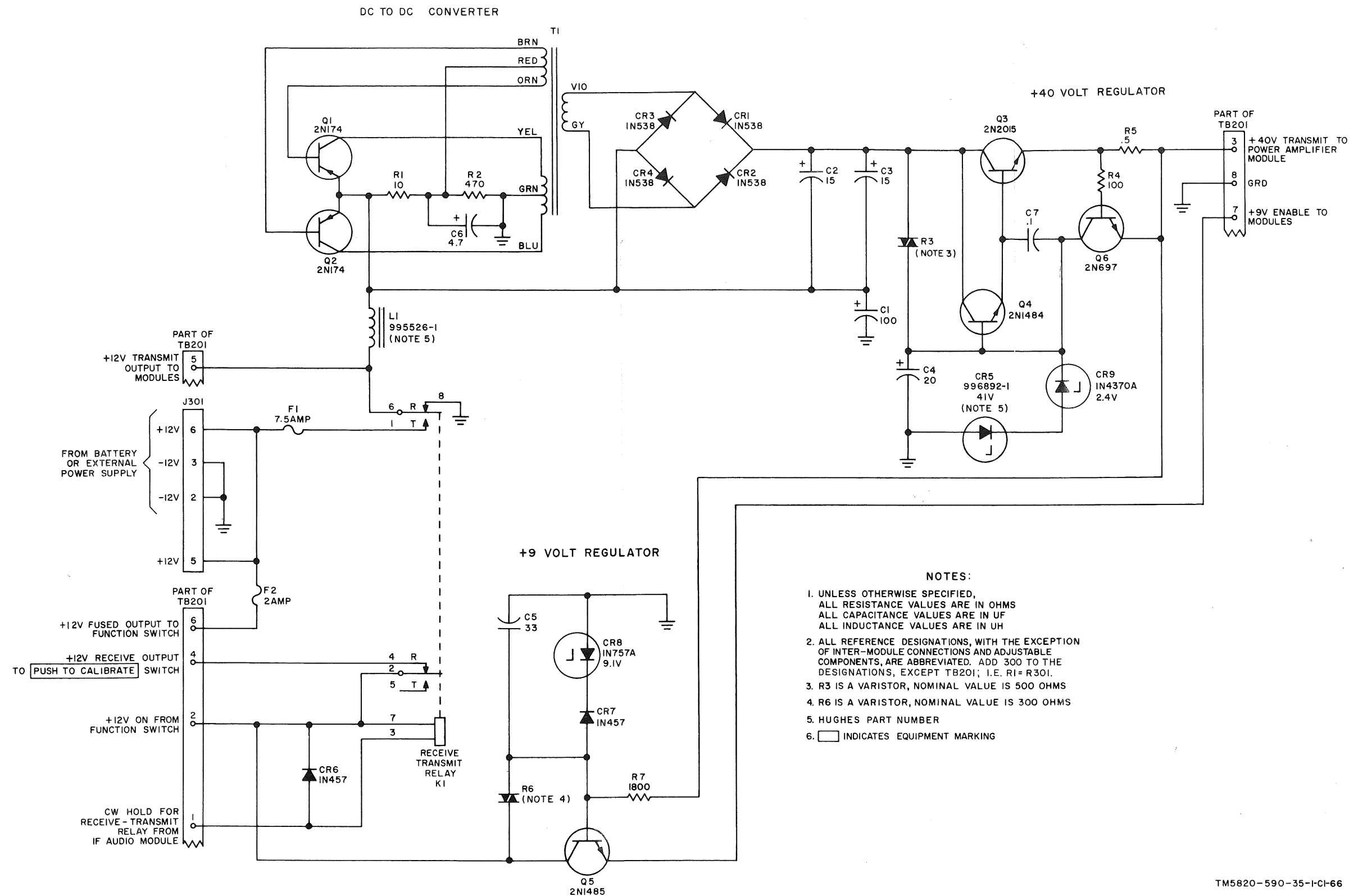
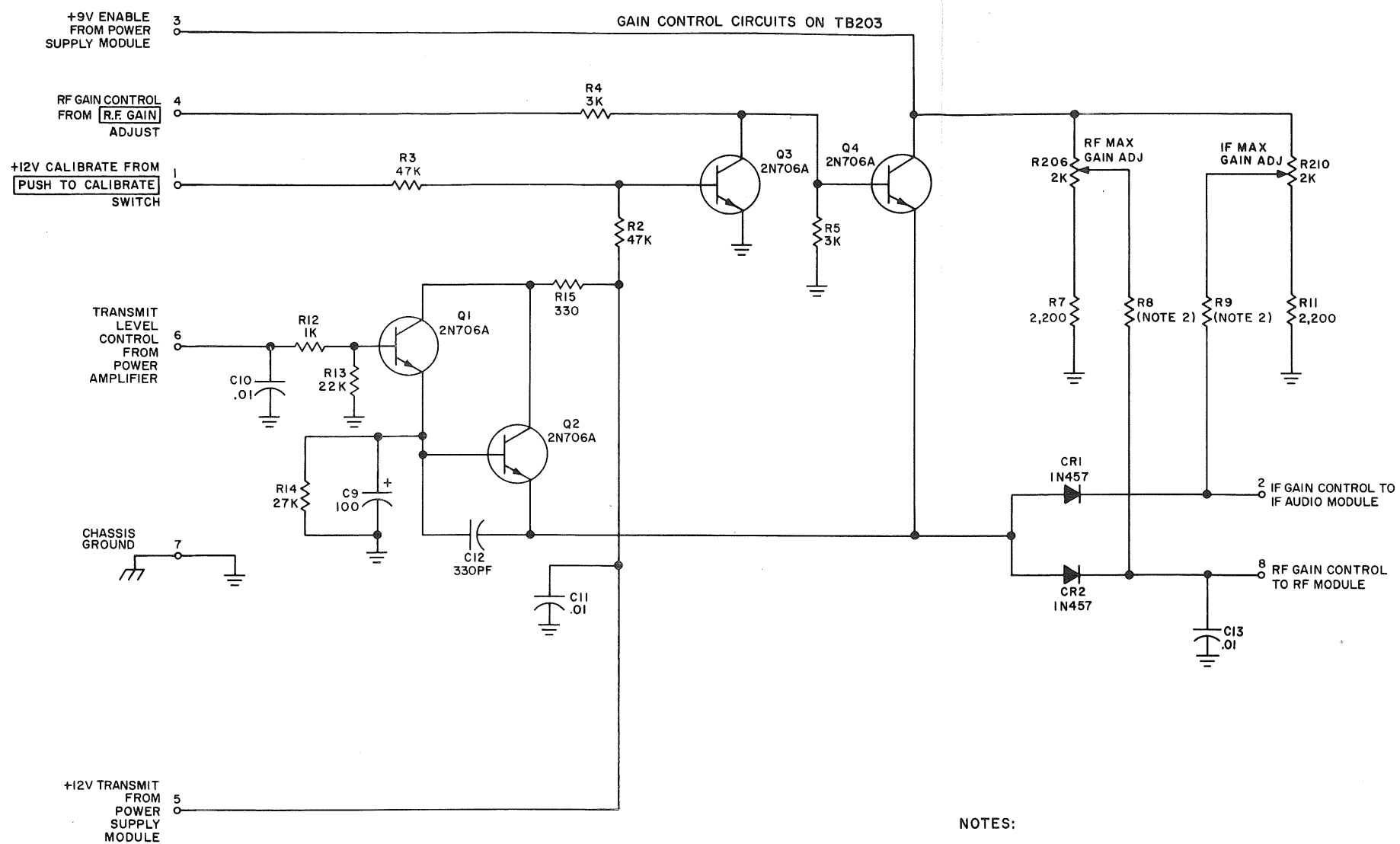


Figure 6-13. Power supply module, schematic diagram.

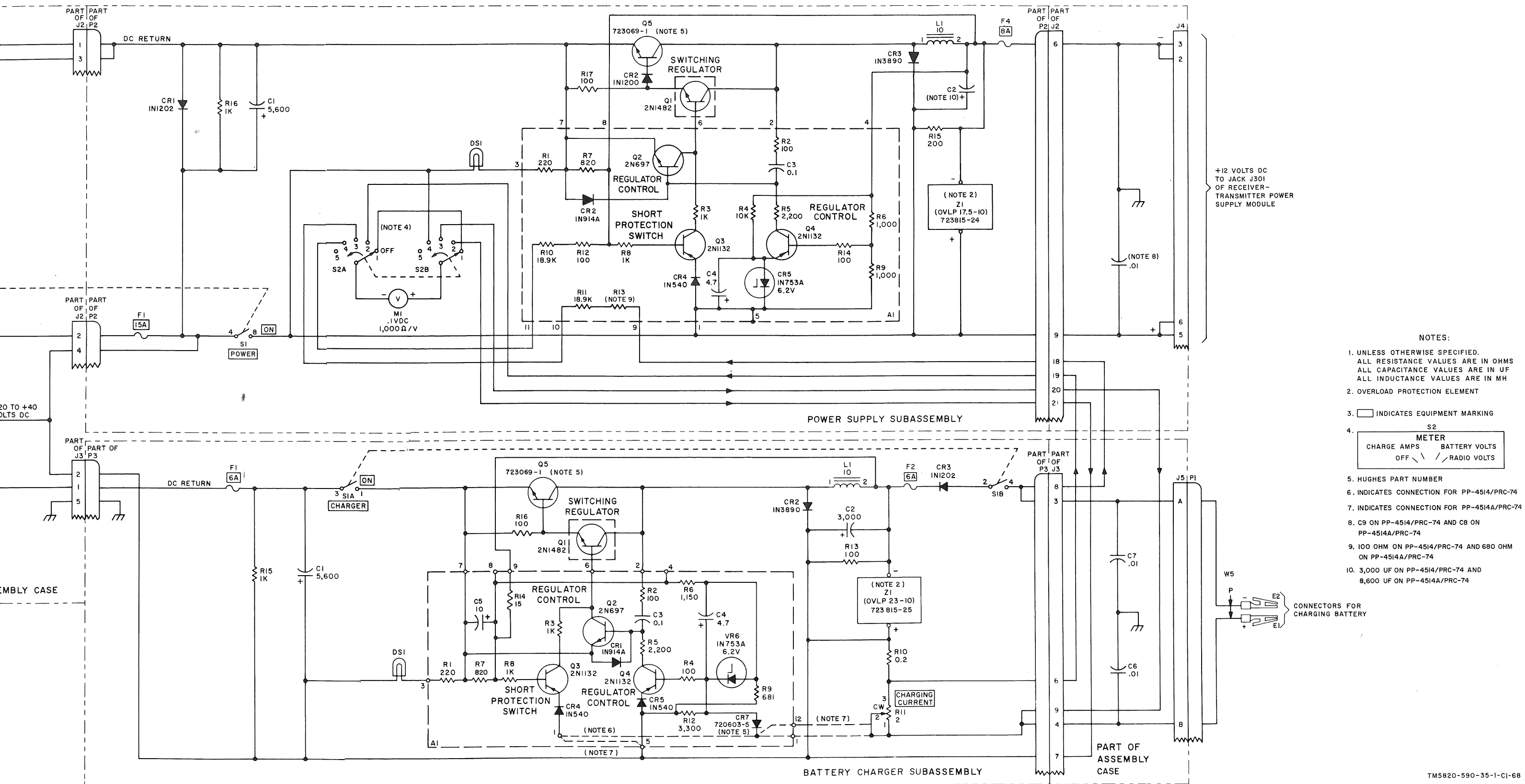


NOTES:

1. UNLESS OTHERWISE SPECIFIED, ALL RESISTANCE VALUES ARE IN OHMS ALL CAPACITANCE VALUES ARE IN UF
2. R8 AND R9 ARE 1,800 OHM SENSITORS
3. ALL REFERENCE DESIGNATIONS, WITH THE EXCEPTION OF INTER-MODULE CONNECTIONS AND ADJUSTABLE COMPONENTS, ARE ABBREVIATED. ADD 200 TO THE DESIGNATIONS; I.E. R11 = R211
4. INDICATES EQUIPMENT MARKING

TM5820-590-35-1-C1-67

Figure 6-14. Gain control circuits, schematic diagram.



+12 VOLTS DC TO JACK J301 OF RECEIVER-TRANSMITTER POWER SUPPLY MODULE

NOTES:



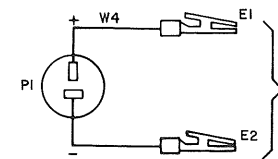
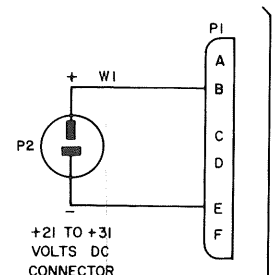
1. UNLESS OTHERWISE SPECIFIED, ALL RESISTANCE VALUES ARE IN OHMS ALL CAPACITANCE VALUES ARE IN UF ALL INDUCTANCE VALUES ARE IN MH
2. OVERLOAD PROTECTION ELEMENT
3.  INDICATES EQUIPMENT MARKING
4.  METER
CHARGE AMPS BATTERY VOLTS
OFF / / RADIO VOLTS
5. HUGHES PART NUMBER
6. INDICATES CONNECTION FOR PP-4514/PRC-74
7. INDICATES CONNECTION FOR PP-4514A/PRC-74
8. C9 ON PP-4514/PRC-74 AND C8 ON PP-4514A/PRC-74
9. 100 OHM ON PP-4514/PRC-74 AND 680 OHM ON PP-4514A/PRC-74
10. 3,000 UF ON PP-4514/PRC-74 AND 8,600 UF ON PP-4514A/PRC-74

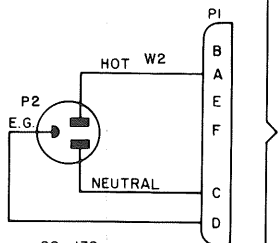
Figure 6-15. Power Supplies PP-4514/PRC-74 and PP-4514A/PRC-74, schematic diagram.



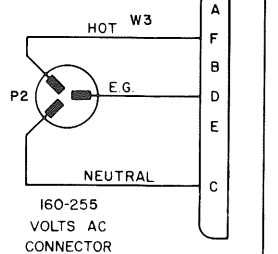
P1 CONNECTS TO +21 TO +31 VOLTS DC
ACCESSORY POWER CABLE W1
CONNECTOR P2 FOR POWER FROM VEHICLE BATTERY



+21 TO +31 VOLTS DC CONNECTOR

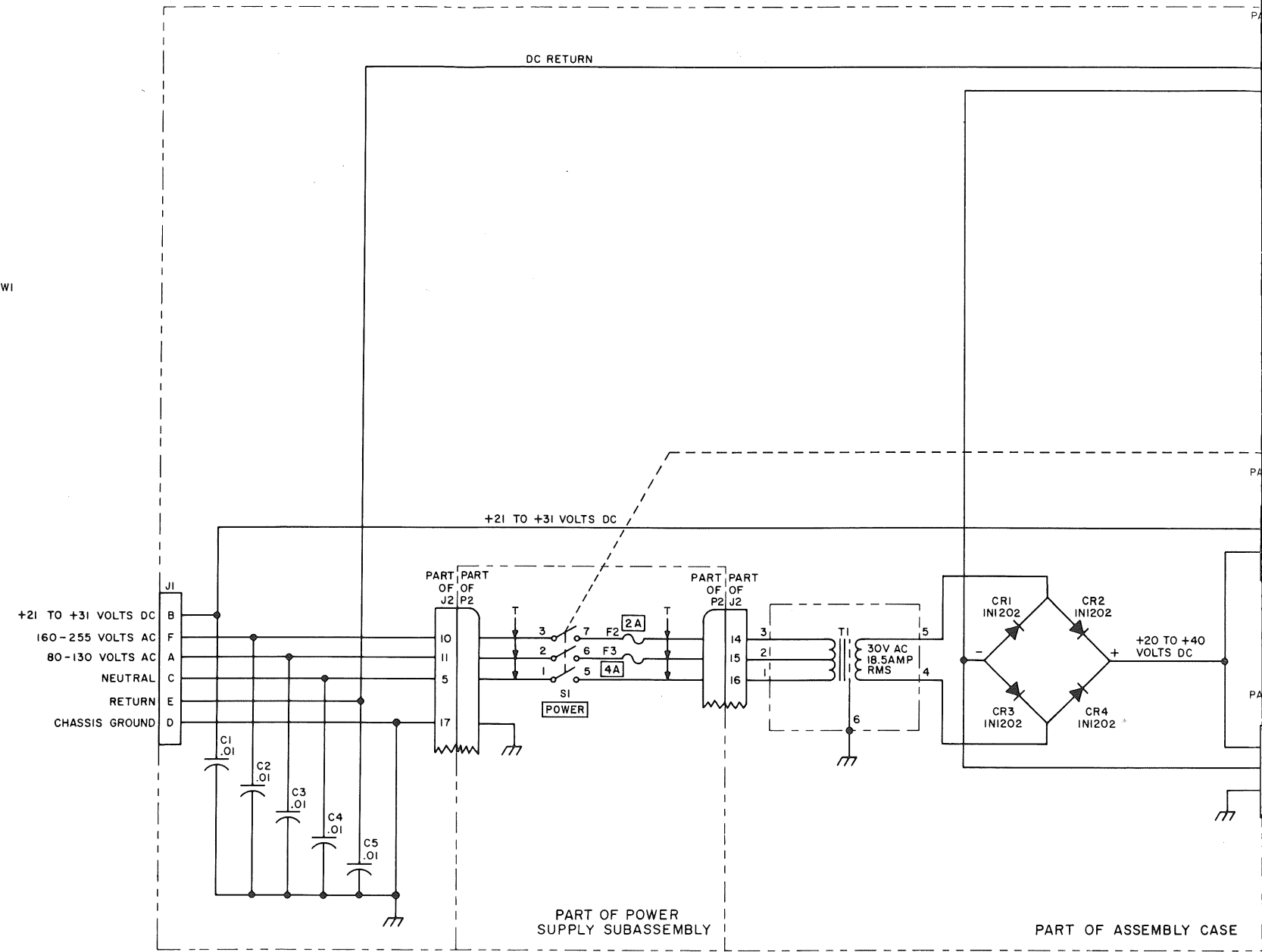


80-130 VOLTS AC CONNECTOR



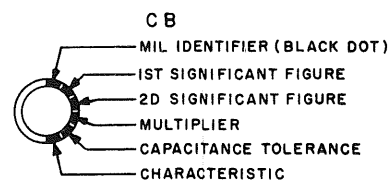
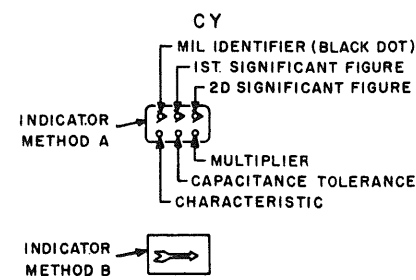
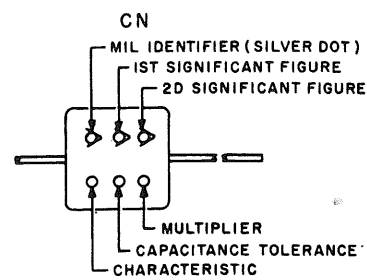
160-255 VOLTS AC CONNECTOR

ACCESSORY POWER CABLES FOR USE AT JACK J1 OF THE ASSEMBLY CASE



COLOR CODE MARKING FOR MILITARY STANDARD CAPACITORS

ous-Dielectrics, Styles CM, CN, CY. and CB

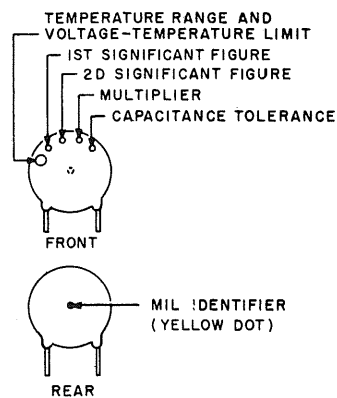
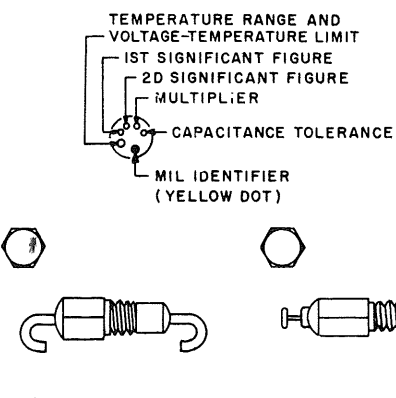
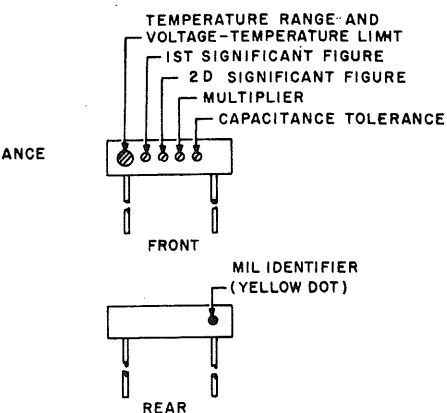


PAPER-DIELECTRIC

GLASS-DIELECTRIC, GLASS CASE

MICA, BUTTON TYPE

mic-Dielectric (General Purpose) Style CK



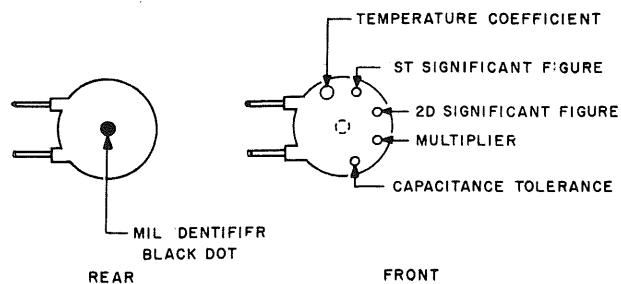
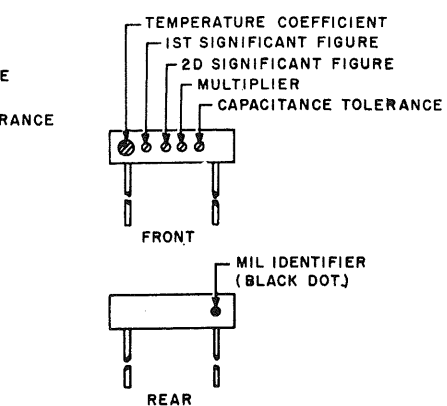
RADIAL LEAD

FEED-THROUGH

STAND-OFF

DISK-TYPE

mic-Dielectric (Temperature Compensating) Style CC



RADIAL LEAD

DISK-TYPE

COLOR CODE TABLES

TABLE I - For use with Group I, Styles CM, CN, CY and CB

COLOR	MIL ID	1st SIG FIG	2nd SIG FIG	MULTIPLIER ¹	CAPACITANCE TOLERANCE				CHARACTERISTIC ²				DC WORKING VOLTAGE	OPERATING TEMP. RANGE	VIBRATION GRADE
					CM	CN	CY	CB	CM	CN	CY	CB	CM	CM	CM
BLACK	CM, CY, CB	0	0	1			± 20%	± 20%		A				-55° to +70°C	10-55 cps
BROWN		1	1	10					B	E		B			
RED		2	2	100	± 2%		± 2%	± 2%	C		C			-55° to +85°C	
ORANGE		3	3	1,000		± 30%			D			D	300		
YELLOW		4	4	10,000					E					-55° to +125°C	10-2,000 cps
GREEN		5	5		± 5%				F				500		
BLUE		6	6											-55° to +150°C	
PURPLE (VIOLET)		7	7												
GREY		8	8												
WHITE		9	9												
GOLD				0.1			± 5%	± 5%							
SILVER	CN				± 10%	± 10%	± 10%	± 10%							

TABLE II - For use with Group II, General Purpose, Style CK

COLOR	TEMP. RANGE AND VOLTAGE - TEMP. LIMITS ³	1st SIG FIG	2nd SIG FIG	MULTIPLIER ¹	CAPACITANCE TOLERANCE	MIL ID
BLACK		0	0	1	± 20%	
BROWN	AW	1	1	10	± 10%	
RED	AX	2	2	100		
ORANGE	BX	3	3	1,000		
YELLOW	AV	4	4	10,000		CK
GREEN	CZ	5	5			
BLUE	BV	6	6			
PURPLE (VIOLET)		7	7			
GREY		8	8			
WHITE		9	9			
GOLD						
SILVER						

TABLE III - For use with Group III, Temperature Compensating, Style CC

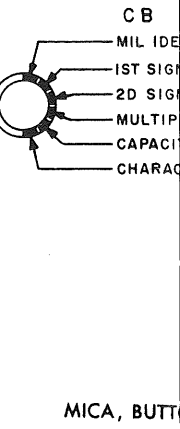
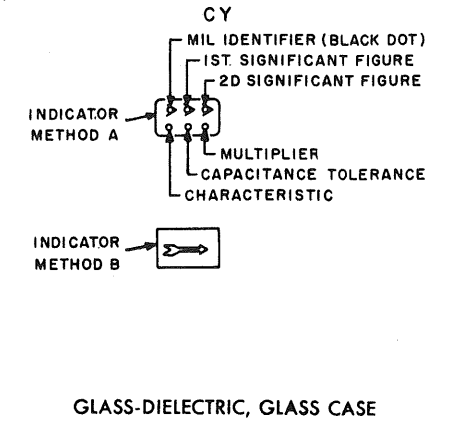
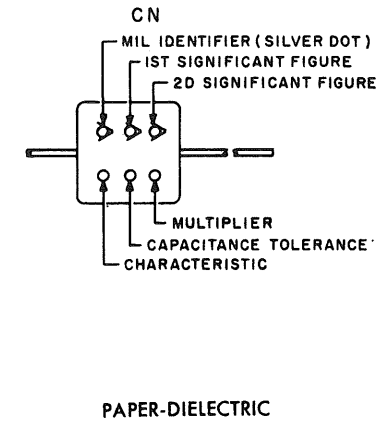
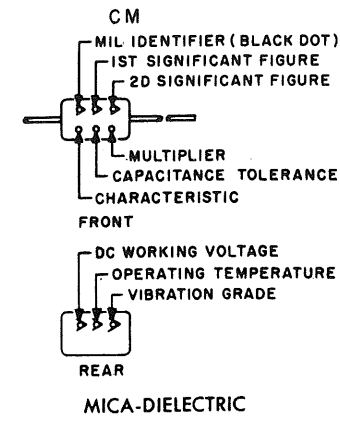
COLOR	TEMPERATURE COEFFICIENT ⁴	1st SIG FIG	2nd SIG FIG	MULTIPLIER ¹	CAPACITANCE TOLERANCE		MIL ID
					Capacitances over 10uuf	Capacitances 10uuf or less	
BLACK	0	0	0	1		± 2.0uuf	CC
BROWN	-30	1	1	10	± 1%		
RED	-80	2	2	100	± 2%	± 0.25uuf	
ORANGE	-150	3	3	1,000			
YELLOW	-220	4	4				
GREEN	-330	5	5		± 5%	± 0.5uuf	
BLUE	-470	6	6				
PURPLE (VIOLET)	-750	7	7				
GREY		8	8	0.01			
WHITE		9	9	0.1	± 10%		
GOLD	+100					± 1.0uuf	
SILVER							

1. The multiplier is the number by which the two significant (SIG) figures are multiplied to obtain the capacitance in uuf.
2. Letters indicate the Characteristics designated in applicable specifications: MIL-C-5, MIL-C-91, MIL-C-11272 and MIL-C-10950 respectively.
3. Letters indicate the temperature range and voltage-temperature limits designated in MIL-C-11015.
4. Temperature coefficient in parts per million per degree centigrade.

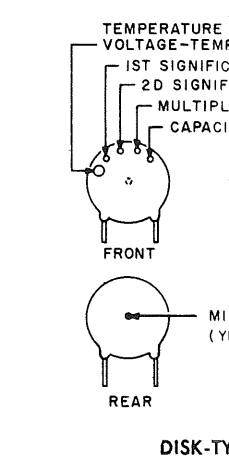
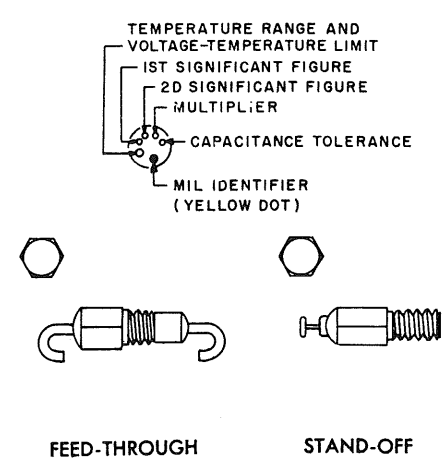
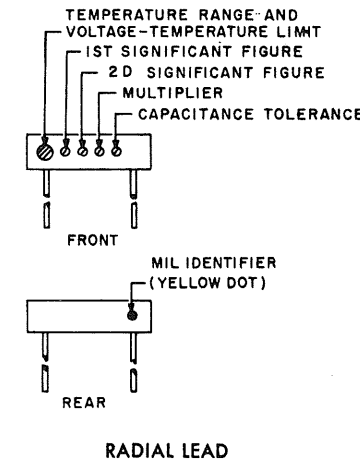
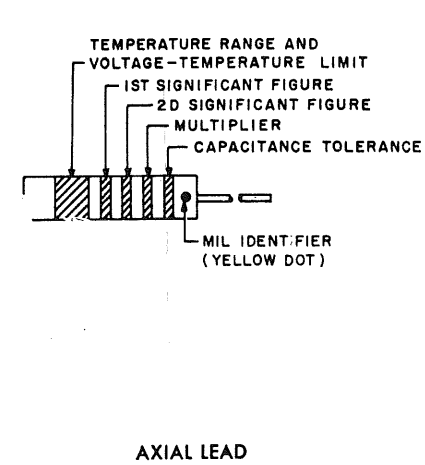
Figure 6-16. Color code marking for MIL STD capacitors.

COLOR CODE MARKING FOR MILITARY STANDARD CAPACITORS

GROUP I Capacitors, Fixed, Various-Dielectrics, Styles CM, CN, CY, and CB



GROUP II Capacitors, Fixed Ceramic-Dielectric (General Purpose) Style CK



GROUP III Capacitors, Fixed, Ceramic-Dielectric (Temperature Compensating) Style CC

