



TO 31R2-4-810-1
USMC Supplement 1
PCN 600 002810 70

U.S. MARINE CORPS SUPPLEMENT

TO

OPERATION AND MAINTENANCE INSTRUCTIONS

WITH ILLUSTRATED PARTS BREAKDOWN

ORGANIZATIONAL

RADIO SET, AN/PRC-128

USAF RADIO SET AN/PRC-128

USMC RADIO SET AN/PRC-136

NSN 5820-01-340-9438

ID 09594A

DEPARTMENT OF THE NAVY
Headquarters, U.S. Marine Corps
Washington, D.C. 20380-0001

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1. This supplement is effective upon receipt. It is applicable to Air Force TO 31R2-4-810-1, dated 1 September 1988, and applies only to those Manuals distributed for Marine Corps use.

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TO 31R2-4-810-1

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2. This supplement to be used in conjunction with Air Force TO 31R2-4-810-1 for the operation and maintenance of the AN/PRC-136 Radio Set used by the Marine Corps.

BY DIRECTION OF THE COMMANDANT OF THE MARINE CORPS

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STATEMENT OF DIFFERENCES

1. This supplement to Air Force TO 31R2-4-810-1 (Radio Set, AN/PRC-128) explains the differences between the Air Force AN/PRC-128 and the Marine Corps AN/PRC-136 (NSN 5820-01-340-9438, ID 09594A). TO 31R2-4-810-1 will be used in its entirety with the AN/PRC-136, in conjunction with this supplement.
2. The differences between the AN/PRC-128 Radio Set and the AN/PRC-136 are as follows. Page number and paragraph/table references appear in parentheses at the beginning of each entry.
 - a. (page 1-1, para 1-2) EQUIPMENT DESCRIPTION. Same for both models, except that the AN/PRC-136 uses only the shorter (short-range/high-band) antenna.
 - b. (page 1-1, para 1-3) PURPOSE OF EQUIPMENT. Same for both models, except that Radio Set AN/PRC-136 provides communication only in the high VHF-FM band (130 MHz-174 MHz).
 - c. (page 1-2, Table 1-1) Leading Particulars; CHARACTERISTICS. Under "Frequency ranges", only the 130 MHz to 173.9875 MHz range applies to the AN/PRC-136. Under "Available Channels (12.5 KHz spacing)", only "3520 (HI band)" applies to the AN/PRC-136.
 - d. (page 3-2, para 3-4) FREQUENCY BAND CHANGE. This paragraph does not apply to the AN/PRC-136.
 - e. (page 4-1, para 4-3.1) Channel Frequency Programming. Same for both models, except that the AN/PRC-136 provides selection of 10 channels only in the high VHF-FM (130-174 MHz) band.
 - f. (page 4-1, para 4-3.5) Antenna Matching Networks. Only the sixth position of the ANT match switch (50) is used on the AN/PRC-136; therefore, description involving any of the first five switch positions (A thru E) should be disregarded.