



MASTER DIRECTIVES

UNITED STATES MARINE CORPS
MARINE AIRCRAFT GROUP 12
1ST MARINE AIRCRAFT WING, MARFORPAC
UNIT 37150
FPO AP 96603-7150

IN REPLY REFER TO:
GruO 2300.1
DSS
7 May 01

GROUP ORDER 2300.1

From: Commanding Officer
To: Distribution List

Subj: STORAGE, MAINTENANCE AND ISSUE OF PRC-112C RADIOS AND LOADERS

Ref: (a) NAVAIR 16-35PRC112-1
(b) COMNAVAIRSYSCOM PATUXENT RIVER MD/PMA202 msg 1
280810Z MAR 01

1. Purpose. To establish guidelines for storage, maintenance, handling, and issue of the PRC-112C radio.

2. Information. The PRC-112C radios will be issued to MAG-12 squadrons under the following circumstances:

- a. Squadrons flying in support of 31st MEU
- b. In cases of Real-World Contingencies.
- c. Aircrew training as directed.

3. Guidance

a. The PRC-112C is the ground based radio component of the Personnel Locator System AN/AYD-1 (PLS). The radio set functions as a survival radio/transponder that receives an interrogation on an assigned UHF frequency (225.00 to 299.975 MHz), and transmits a return message on the same frequency. The radio set also functions as a two-way radio for voice transmission over line-of-sight paths. It transmits amplitude modulated (AM) voice on: 121.5 MHz; 243.0 MHz; 282.8 MHz; Channel A (programmed) and Channel B (programmed) as selected by the radio set Mode/Channel selector.

b. The PRC-112C stored with programmable frequencies purged or deleted is an UNCLASSIFIED RADIO AND DOES NOT REQUIRE SPECIAL HANDLING.

c. Once the PRC-112C is programmed with theatre combat search and rescue frequencies (or other classified frequencies) it must be handled as SECRET. They must be handled as CLASSIFIED MATERIAL until programmable frequencies are purged. The radio

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then becomes UNCLASSIFIED again.

4. Action

a. Marine Aircraft Group-12. MAG-12 S-3 will direct the issue of PRC-112C radios as required.

b. Marine Aircraft Group-12 DSS. The Aeromedical Safety Officer (AMSO) is the subject matter expert on the use of the PRC-112C and will coordinate and provide training as directed. Additionally, the AMSO will serve as liaison on all matters concerning replacement, repair or logistics of MAG-12 PRC-112C assets.

c. Marine Aviation Logistics Squadron-12. In accordance with the references, MALS-12 is responsible for the storage and maintenance of the PRC-112C radios, loaders and batteries. While in their possession, the radios will remain in an UNCLASSIFIED status at all times. MALS-12 will maintain a serialized list of all PRC-112C assets and loaders. Preventive maintenance will be performed as required by the references. On order, MALS-12 will issue operational radios to squadrons within 24 hours. It is imperative that the radios, batteries and loaders are stored so that issue can be accomplished within a 24-hour period.

d. Squadrons. A squadron officer will take receipt of the radios, batteries and loaders and will maintain a serialized list of all assets in their control. In accordance with ref (a), the squadron is responsible for the proper and safe storage of all radios while under their control. Programming the radio will proceed as follows:

(1) The two programmable radio frequencies (channel A and B) and identification code will be loaded as specified in the CSAR SPINS or as directed by higher authority.

(2) In the absence of SPINS or direction, the two programmable radio frequencies (channel A and B) should be with 282.8 and the identification code set per squadron directives.

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(3) The squadron will ensure that all radios are purged of any CLASSIFIED frequencies by loading the two programmable frequencies with 282.8 before returning to MALS-12. The squadron will provide MALS-12 with a written verification that all radios have been purged and reloaded with an UNCLASSIFIED frequency.

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