

TM 11-5820-510-12

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

**OPERATOR AND
ORGANIZATIONAL MAINTENANCE MANUAL**

RADIO SET AN/PRC-41

This copy is a reprint which includes current
pages from Changes 1 and 2.

**HEADQUARTERS, DEPARTMENT OF THE ARMY
JANUARY 1964**

TECHNICAL MANUAL)
)
 NO. 11-5820-510-12)

HEADQUARTERS
 DEPARTMENT OF THE ARMY
 WASHINGTON, D. C., 10 January 1964

Operator and Organizational Maintenance Manual

RADIO SET AN/PRC-41

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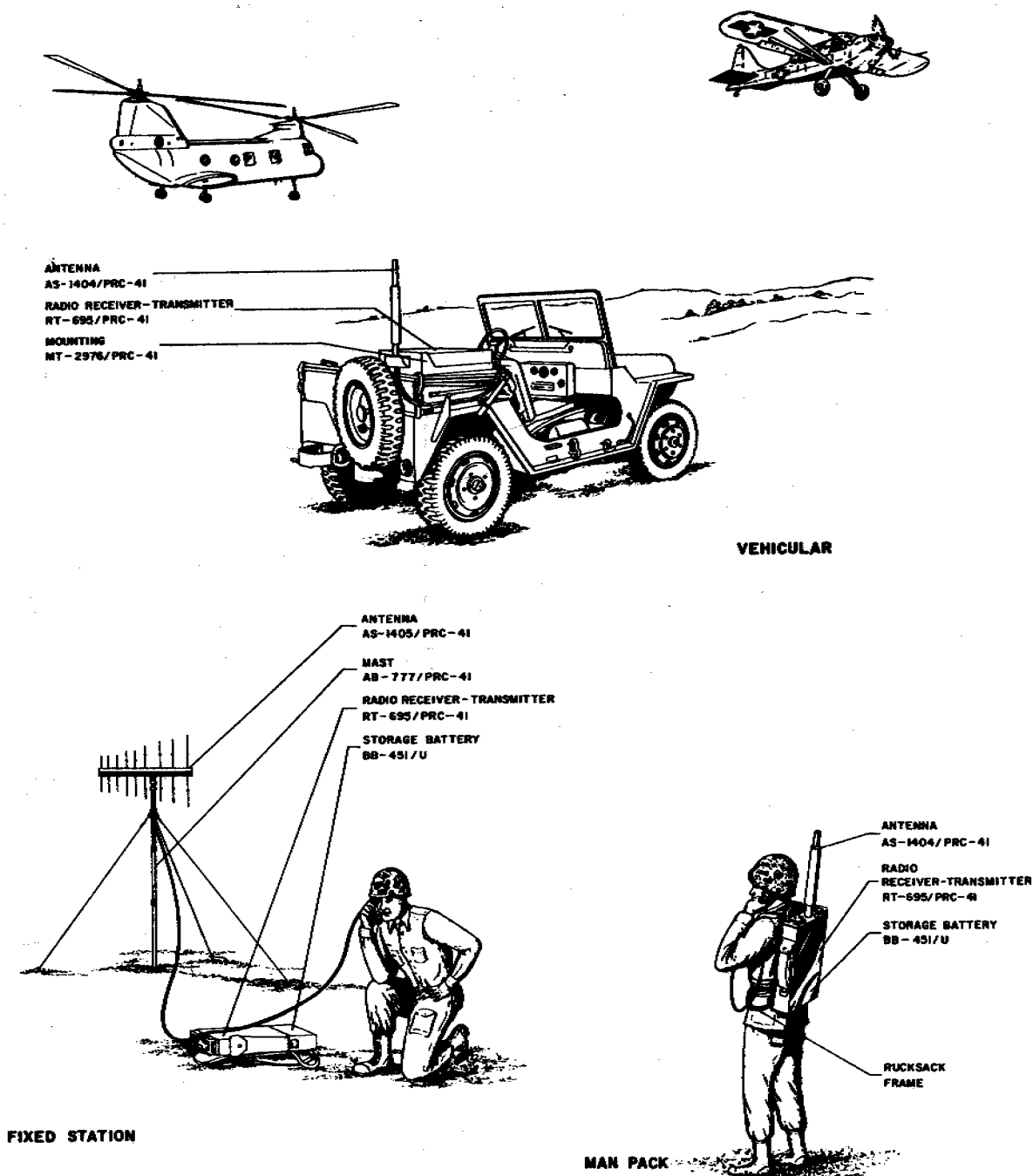


Figure 1-1. Radio Set AN/PRC-41, Operating Configurations

SECTION 1

GENERAL INFORMATION

1-1. SCOPE.

The format and content of these manuals is in accordance with the requirements of Military Specification MIL-M-15071E (SHIPS) and Contact NObsr 87474. This manual includes sections 1, 2, 3, 7, and 8. The TM 11-5820-510-35 includes sections 1, 4, 5, and 6. These manuals are applicable to the items and accessories of Radio Set AN/PRC-41. Section 1 contains a general description, provides reference data, lists the applicable items and accessories, and provides information required for the preparation for reshipment of the Radio Set AN/PRC-41 equipment. Section 2 provides installation information such as unpacking, power requirements for operation, site selection, inspection and adjustment, and interference reduction. Section 3 contains operating instructions. Section 4 provides a theoretical description and test data of the functional sections and subordinate circuits of the equipment. Section 5 provides preventive maintenance instructions, repair information, and illustrations which are applicable to all sections such as part location, exploded views, connection diagrams, and over-all equipment schematics. Section 6 lists the detail parts of the items and accessories of Radio Set AN/PRC-41. Section 7 is preventive maintenance. Section 8 covers troubleshooting. These technical manuals are in effect upon receipt. Extracts from this publication may be made to facilitate the preparation of other Department of Defense publications.

1-1.1. INDEX OF PUBLICATIONS

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. Department of the Army Pamphlet No. 310-4 is an index of current technical manuals, technical bulletins, supply manuals (types 4, 6 7, 8, and 9), supply bulletins, lubrication orders, and modification work orders that are available through publications supply channels. The index lists the individual parts (-10, -20, -35P, etc.) and the latest changes to and revisions of each equipment publication.

1-1.2. FORMS AND RECORDS

a. Reports of Maintenance and Unsatisfactory Equipment. Use equipment forms and records in accordance with instructions in TM 38-750

b. Report of Damaged or Improper Shipment. Fill out and forward DD Form 6 (Report of Damaged or Improper Shipment) as prescribed in AR 700-58 (Army), NAVSANDA Publication 378 (Navy), and AFR 71-4 (Air Force)