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DEPARTMENT OF THE ARMY TECHNICAL MANUAL

**FIELD AND DEPOT
MAINTENANCE MANUAL
RADIO SET AN/PRC-41**

**HEADQUARTERS, DEPARTMENT OF THE ARMY
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Field and Depot Maintenance Manual**RADIO SET AN/PRC-41**

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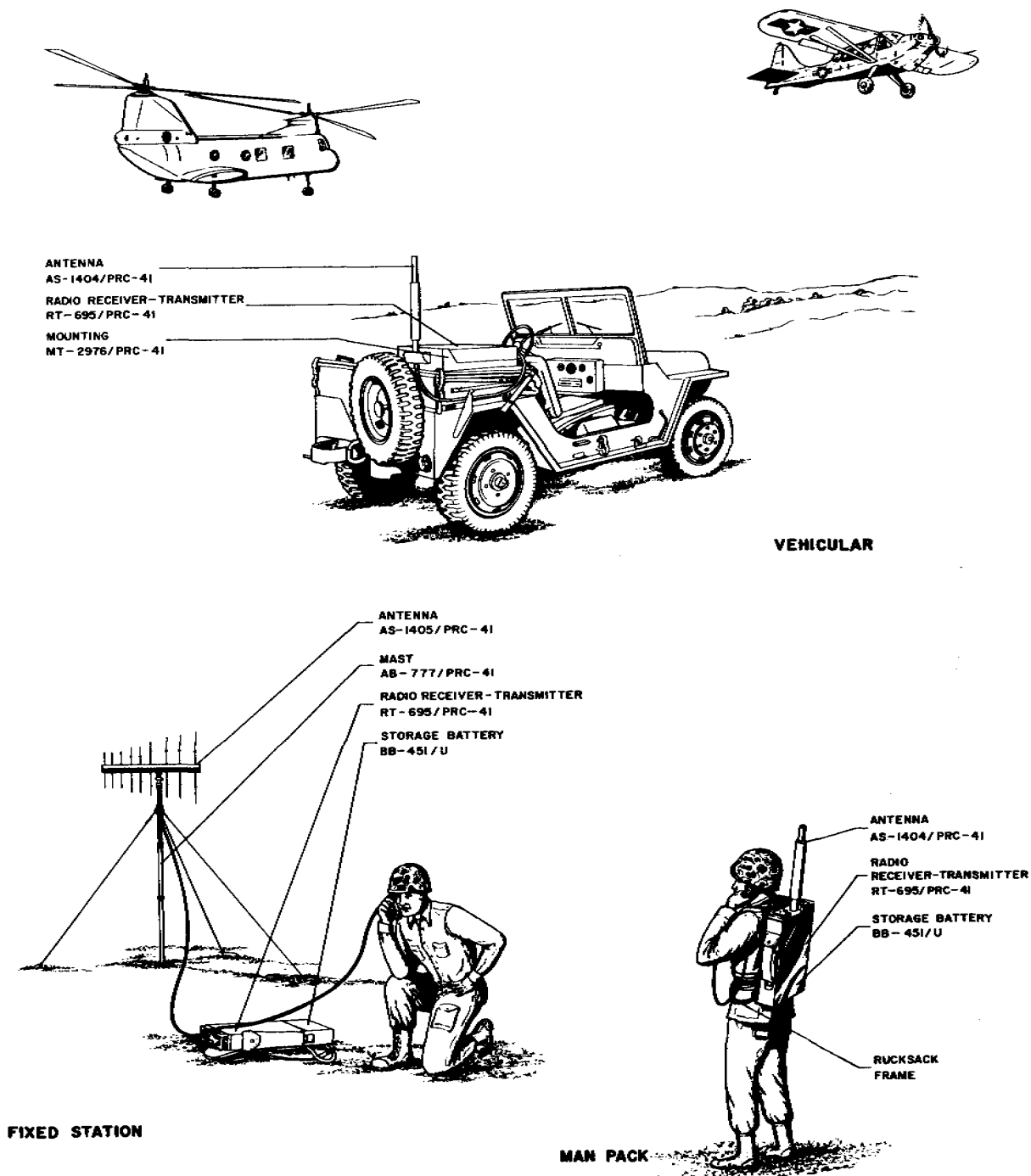


Figure 1-1. Radio Set AN/PRC-41, Operating Configurations

SECTION 1

GENERAL INFORMATION

1-1. SCOPE

This manual covers field and depot maintenance of Radio Set AN/PRC-41. Operator and organizational maintenance is covered in TM 11-5820-510-12. The format and content of these manuals is in accordance with the requirements of Military Specification MIL-M-15071E(SHIPS) and Contract NObsr 87474. TM 11-5820-510-12 includes sections 1, 2, 3, 7, and 8. This manual 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 general 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.