

RSA-MIL-SPEC-15A (SAAF)

MANUALS, TECHNICAL: ON-EQUIPMENT SET, ORGANIZATIONAL MAINTENANCE MANUALS, DETAILED REQUIREMENTS FOR, PREPARATION OF

SCOPE

This specification covers the requirements for the Organizational Maintenance Manual Set (OMMS) for SAAF equipment. The term "Organizational Maintenance" includes, but is not limited to, the following: aircraft, missiles, space vehicles, Communications Electronic (CE) equipment, Support Equipment (SE), etc. This OMMS is based upon utilization of wiring data and system schematics prepared to DODSTD-863.

- 1. Organizational Maintenance Manual Set.** This set of technical manuals is comprised of those manuals that are necessary to support organizational on-equipment maintenance. Those technical manuals are identified as follows:
 - 1.1 General Equipment (GV/GE) Manual.** This manual addresses and describes the overall equipment, providing a brief description of systems and subsystems. It also provides an overview of the OMMS, its structure, arrangement and how the data are to be used.
 - 1.2 General System (GS) Manual.** This manual(s) provides detailed system and subsystem description, theory of operation, main features and support data necessary to complement the Job Guide manuals.
 - 1.3 Job Guide (JG) Manual.** This manual(s) provide detailed procedures for organizational maintenance. The manual(s) are a step-by-step set of "how to" instructions.
 - 1.4 Fault Isolation (FI) and Fault Reporting (FR) Manuals.** The FI manual provides troubleshooting data to correct faults identified and coded by the FR manual, and shall provide fault descriptions and fault isolation procedures for specific equipment faults identified by any other method. The FR manual provides a means of conveying fault reporting information between operating and maintaining personnel. It contains operational fault identification and reporting instructions. These manuals may be combined at the direction of the acquiring activity when size and non-complexity allows.
 - 1.5 Wiring Data (WD) Manual.** This manual provides a complete set of wiring data for the entire equipment excluding those schematics addressed below.
 - 1.6 Schematic Diagram (SD) Manual.** This manual provides a complete set of system and subsystem schematics prepared and presented in the three level format of DODSTD-863.

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- 1.7 **Combining Manuals.** When system size and non-complexity allow, manuals may be combined (GE/GS, F1/FR, GS/SD and WD/SD) when the page count does not exceed 800 pages (400 sheets) and the acquiring activity approves.
- 1.8 **Related Manuals.** Other related manuals, for which preparation requirements are not contained herein, are Illustrated Parts Breakdown Manuals, Structural Repair Manuals, Work Unit Cc5deManuals, Inspection and Maintenance Requirements Manuals and associated Work Cards, and Checklists. These manuals, although prepared to separate specifications, shall be compatible with the keyed reference system used in this specification.