

RSA-MIL-SPEC-29

OPERATION INSTRUCTIONS AND MAINTENANCE INSTRUCTIONS (FOR VARIOUS TYPES OF EQUIPMENT): MANUALS, TECHNICAL FOR

SCOPE

This specification prescribes the requirements for preparation of technical manuals covering operation and maintenance, other than overhaul (refer to paragraph 6.3.1) of various types of aeronautical and non-aeronautical end items equipment and systems. For complex items (refer paragraph 6.3.2), separate manuals of operation and maintenance instructions are required. For non-complex items, a combined operation and maintenance instruction manual shall be prepared. The type of manual(s) to be prepared will be determined by the procuring authority.

1. Operation Instructions Manual. A separate operation instructions manual shall be prepared if the equipment is complex and operation instructions are too lengthy (exceed 25 pages) to be included in a joint operation and maintenance instruction manual. The operation instructions shall prescribe:
 - a. how, in general, the item performs its function;
 - b. how to prepare the item for initial use; and
 - c. how to operate the item under both ordinary and emergency conditions.
2. Maintenance Instruction Manual. A separate maintenance instruction manual shall be prepared if a separate operation instruction manual is required in consonance with the criteria set forth in paragraph 1.1.1. The maintenance instructions shall provide information necessary for operational checkout, inspection, troubleshooting, 'repair, and test required to keep the equipment in optimum operating condition.
3. Operation and Maintenance instruction Manual. A combined operation and maintenance instruction manual shall be prepared for most equipment covered by this specification. Only more complex items meeting the criteria in paragraph 1.1.1 will have separate manuals.
4. Operation and Maintenance Instructions with Parts Breakdown. For simple items, not having a separate Illustrated Parts Breakdown (RSA-MIL-SPEC-11) manual, for which parts breakdown information is required, a combined Operation and Maintenance Instruction with Parts Breakdown manual will be prepared. This type of manual shall not exceed 50 pages, unless specifically authorized by the procuring authority.