

NOT MEASUREMENT SENSITIVE
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MIL-DTL-81748D(AS)  
15 December 1995  
 SUPERSEDING  
 MIL-M-81748C(AS)  
 18 March 1985

## DETAIL SPECIFICATION

### MANUALS, TECHNICAL: RAPID ACTION CHANGES; GENERAL SPECIFICATION FOR PREPARATION OF

This specification is approved by the Naval Air Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

#### 1. SCOPE

1.1 Scope. This specification covers the requirements for the preparation of Rapid Action Changes (RACs) to Technical Manuals (TMs) under the cognizance of the Naval Air Systems Command (NAVAIRSYSCOM) (refer to 6.1 for additional information).

1.2 Classification. TM RACs covered by this specification will be of the following types:

a. Interim Rapid Action Changes (IRAC). Prepared as Naval messages only.

b. Rapid Action Changes (RAC). Prepared as reproducible copy or any other type of media acceptable to the printing activity and distributed as replacement or added pages to the affected technical manuals.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commanding Officer, Naval Air Warfare Center Aircraft Division, Systems Requirements Department, Code 4.1.11.1, Lakehurst, NJ 08733-5100, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.
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AMSC No. N/A

AREA TMSS

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

## MIL-DTL-81748D(AS)

## 2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 of this specification. This does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements documents cited in sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation (see 6.2).

## SPECIFICATIONS

## DEPARTMENT OF DEFENSE

MIL-M-23618	Manuals, Technical; Periodic Maintenance Requirements; Preparation of
MIL-P-38790	Printing Production of Technical Manuals; General Requirements for
MIL-M-81927	Manuals, Technical; General Style and Format of (Work Package Concept)
MIL-M-85337	Manuals, Technical; Quality Assurance Program; Requirements for

## STANDARDS

## DEPARTMENT OF DEFENSE

MIL-STD-38784	Standard Practice for Manuals, Technical; General Style and Format Requirements
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(Unless otherwise indicated, copies of the above specifications, standards, and handbooks are available from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

MIL-DTL-81748D(AS)

**2.2.2 Other Government documents, drawings, and publications.** The following other Government documents, drawings, and publications form a part of this specification to the extent specified herein. Unless otherwise specified, the issues are thus cited in the solicitation.

**PUBLICATIONS**

**NAVAIR 00-25-150. Specification and Policy Guide for Printing NAVAIR Technical Manuals**

(Copies are available from the Naval Air Technical Services Facility, 700 Robbins Avenue, Philadelphia, PA 19111-5097.)

**2.3 Order of precedence.** In the event of a conflict between the text of this document and the references cited herein, the text of this document shall take precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

**3. REQUIREMENTS**

**3.1 General.** RACs are developed to expedite the issuance of technical information which relates to safety of personnel/flight, aircraft grounding, mission capability/fleet readiness, equipment damage, and/or environmental impact restrictions.

**3.1.1 RAC type determination.** The determination for which type of RAC to issue shall be made by the cognizant TM preparing activity in coordination with the Technical Manual Management Activity (TMMA) (see 6.2).

**3.1.2 RAC issued in lieu of IRAC.** RACs shall be issued to disseminate information in the form of illustrations, schematics, wiring diagrams and other forms which cannot be issued as IRACs. RACs shall be delivered within 10 days after resolution of required corrective action.

**3.1.3 IRAC incorporation.** Interim RACs shall be formally incorporated into affected TMs within 12 months of release date. This shall be accomplished by a RAC, routine change, or revision.

**3.2 Conditions.** RACs shall be prepared and issued when one or more of the following conditions exist:

**3.2.1 Hazards to safety of personnel.** Hazards to safety of personnel are those conditions which, if left uncorrected, would directly contribute to serious bodily injury resulting in loss of life, loss of limbs, or impairment of senses (sight, hearing,

## MIL-DTL-81748D(AS)

smell, taste, or touch). Injuries such as bruises, scratches, pinched fingers, and discomfort caused by odors emanating from nontoxic substances shall not be considered serious.

a. In determining whether a hazard to the safety of personnel exists, reason and judgment shall be exercised in isolating cause and effect. For example, a maintenance man received a shock when he touched an exposed part of an electrical circuit carrying low voltage at low amperage. He jumped backward and was injured when he struck his head on an adjacent bulkhead. In this situation, the exposed part of the electrical circuit was not the direct cause of the man's injury; therefore, the condition does not constitute a hazard to personal safety. However, if the electrical circuit produced sufficient amperage to cause serious injury or death, it would constitute a hazard and the issuance of a RAC would be justified. Similarly, if an arming circuit must be grounded prior to removing a warhead to avoid possible detonation, and if the applicable TM makes no mention of grounding the warhead, a hazard exists and the issuance of a RAC would be justified.

b. The existence of safety hazards which would not normally cause fatal injuries but which would be likely to cause broken limbs, sprains, or dislocation of limbs or joints, shall be considered valid ground for issuing RACs. These hazards would include sharp edges on a chassis, spilled fluid (such as hydraulic fluid or oil), and other hazardous conditions related to the removal of equipment from aircraft.

c. An improbable possibility shall not be used as a criterion for determining a safety hazard. For example, a person can be injured by falling off a ladder; however, unless there is something peculiar about the ladder that required special safety attention, instructions would not be issued on how to properly stand on a ladder.

3.2.2. Impairment of safety of flight. A change pertaining to a subsystem (hydraulic, electrical, etc.), an assembly or component part, the failure or malfunction of which would result in the loss of an aircraft, shall be considered valid justification for issuance of a RAC. A change correcting an intermittent faulty operation of any piece of equipment or subsystem that might eventually result in a loss of an aircraft shall also be considered a valid reason for issuing a RAC.

3.2.3 Aircraft grounding. A change affecting equipment operation which, if not incorporated, would result in an aircraft being grounded constitutes a necessity for issuing a RAC.

## MIL-DTL-81748D(AS)

**3.2.4 Mission capability/fleet readiness.** Component or system failure or malfunction which renders a weapon system or equipment incapable of performing a specifically assigned mission will necessitate the issuance of a RAC. Changes in maintenance procedures (i.e. repair capabilities, expanded operating limits, etc.) that reduce man-hours and material expenditures and increase readiness will also necessitate issuance of a RAC. In any case, the originator must determine whether the proposed change in operation or maintenance procedures will appreciably increase mission capability (thereby necessitating a RAC) or will merely improve procedures without significantly affecting mission capability (in which case a RAC is not warranted).

**3.2.5 Equipment damage.** Information related to significant equipment damage which, if uncorrected, would cause appreciable equipment malfunction, is valid subject matter for a RAC. If the proposed change corrects a method of removing a chassis to prevent scratching or denting of the instrument panel, the change shall not be submitted. However, if the change prevents an instrument face of non-glare glass from being significantly scratched, a RAC will be issued on the grounds that scratches on the glass would impair visibility of the instrument to a point not capable of adequate readability.

**3.2.6 Environmental impact restrictions.** Stringent environmental constraints have required that activities change or eliminate those maintenance processes and materials that are no longer environmentally acceptable due to local and regional laws. To ensure weapon systems or equipment can be effectively maintained and mission capability is not impaired by noncompliance with environmental laws, RACs will be prepared and issued in response to environmental impact restrictions.

**3.3 Criteria for not issuing RACs.** RACs shall not be issued to update data pertaining to hardware familiarization, such as: Theory of operation; description of an existing unit or control other than that required for installation, assembly, disassembly or maintenance. RAC's shall not be issued for:

- a. Format changes.
- b. Grammatical changes (unless safety, equipment damage, flight limitation, etc., are involved).
- c. Typographical errors.
- d. Production methods.
- e. General non-procedural information.

## MIL-DTL-81748D(AS)

**3.4 RAC identification.**

**3.4.1 RAC numbers.** RACs shall be numbered consecutively throughout the life of the TM beginning with RAC No. 1. These numbers shall be independent of and not affected by numbers issued for normal changes. All numbers will be assigned by the TMMA in coordination with the cognizant TM preparing activity (see 6.2). A RAC that replaces an IRAC shall have the same number as the IRAC it replaces. Whenever a RAC replaces two or more IRACs, the RAC shall be assigned the same number as the latest IRAC it replaces.

**3.4.2 RAC date.** When a RAC is issued to formalize an IRAC, the RAC date shall normally be the same date as the IRAC message. When circumstances indicate that this date is not feasible, e.g., when a change or revision not incorporating the IRAC is dated the same or later than the IRAC date, the RAC date shall be assigned by the TMMA in coordination with the cognizant TM preparing activity (see 6.2). When a RAC is issued that is not preceded by an IRAC, the RAC shall normally have a date reflecting the technical cutoff of the data being included in the RAC.

**3.4.3 Cancelled IRAC or RAC numbers.** When an IRAC or RAC is issued with incorrect or incomplete data, it shall be cancelled and re-issued with a new number. See 3.8 for maintaining status of IRACs and RACs.

**3.5 IRAC preparation.**

**3.5.1 IRAC issuance.** An IRAC shall be issued by the preparing activity in the most expeditious manner possible. The Naval/CAO message format shall be used (see figure 1).

a. IRACs should normally be assigned a category of routine. The originator may assign a higher category to the message as conditions warrant.

b. IRACs should not normally exceed five message pages.

**3.5.2 IRAC format and arrangement.** The following IRAC message format shall be maintained (see figure 1):

a. Action. IRACs shall action Address Indicator Group (AIG) number 165 and any supplemental AIG number for the specific equipment involved, if such an AIG has been established, and additional applicable addressees.

**MIL-DTL-81748D(AS)**

b. **Subject.** The subject of the IRAC message shall be "INTERIM RAPID ACTION CHANGE NO. (IRAC number) TO TECHNICAL MANUAL (NAVAIR number and title) OF (date of issue, change number and date as applicable).

c. **References.** References shall be included as required.

d. **Point of contact.** The name, title, and phone number of the person responsible for the IRAC shall be provided.

e. **Responsible Code.** The activity name and office code of the point of contact shall be provided.

f. **Condition and Purpose of Change.** The purpose of any IRAC is to correct or prevent a condition defined in 3.2. All IRACs shall state the specific condition and the purpose of the change as follows:

"TO CORRECT/PREVENT (condition from 3.2 and brief explanation)"

g. **Detailed information.**

(1) The following shall be included verbatim in all IRACs as the lead-in sentences introducing the technical content changes:

"Pen and ink changes to the technical content of a manual are not authorized. The following technical content change information applies to the following referenced pages and paragraphs of the subject manual until the formal change is released."

(2) The text of the technical content changes shall be clear, accurate, concise and shall be worded in the same style and format as the data to be inserted into the publications. Good judgment must be used to maintain continuity of the actions to be taken and adequately cover the intended change.

h. **Validation.** IRACs shall be validated in accordance with MIL-N-85337 for accuracy prior to release. Name, code, and telephone number of activity that performed validation shall be provided in the message.

## MIL-DTL-81748D(AS)

## i. Related Instructions.

(1) Direction to maintain the IRAC with the applicable manual shall be verbatim as follows:

"Maintain this IRAC with the applicable manual by placing or attaching it directly behind the title page. Mark the specific change area in the margin of each page affected with a vertical line, and include the IRAC number and Date Time Group (DTG) of the IRAC message. This IRAC shall not be removed until receipt of the formal change pages.

For IRACs affecting manuals on CD-ROM: Affix an adhesive label to the CD-ROM case, annotated with the applicable publication number, IRAC number and DTG of the IRAC message. The label should be positioned to allow for additional updates as they occur. Maintain the IRAC on file until receipt of the superseding CD-ROM."

(2) The preparing activity (see 6.2), point of contact, and a target date for incorporating the IRAC into the applicable manual shall also be indicated.

3.6 RAC preparation.

3.6.1 RAC issuance. A RAC shall be issued as replacement changed pages or new added pages (or a combination thereof) prepared in accordance with MIL-M-23618, MIL-STD-38784, MIL-M-81927, or the same style and format of the technical manual being changed.

a. RACs should not normally exceed 25 pages of text and illustrations.

b. RACs shall be issued to replace IRACs when IRAC data will not be included in a routine change or revision within 12 months after release of the IRAC.

c. IRACs may be incorporated by routine manual changes or revisions if scheduling permits (see figures 2 and 3).

3.6.2 RAC format and arrangement. RACs shall consist of a title page, list of effective changed work packages/pages/cards, text pages, and illustration pages as required.

a. The title page of the RAC shall match the basic format of the existing title page. A statement indicating whether or not an IRAC is being superseded shall be centered above the distribution statement (see figures 4 and 5). The RAC number and date shall appear on the title page below the issue or revision date.

## MIL-DTL-81748D(AS)

b. The "A" page shall contain the list of effective changed work packages/pages/cards, which shall include a list summarizing the numbers and dates of all rapid action changes issued since the basic TM or its latest revision (see figure 6). "RAC" shall appear before a RAC number, which shall be listed opposite the applicable page numbers along with normal change numbers or zeros (denoting the basic manual or latest revision). Each work package, page, or card listed shall reflect only its latest change or RAC number.

c. Text and illustration pages shall be in accordance with the general requirements and technical content specifications used to prepare the TM being changed. The pages shall be prepared to add, delete, and change information in a manner that will best afford expediency, clarity and coherency. Sections, paragraphs, sentences, words, tables, figures, etc., may be added, deleted or corrected as required.

d. Replacement pages shall be assigned the same numbers as the TM pages they replace.

e. Pages added to a TM as a result of a RAC shall be assigned numbers compatible with the page sequence of the TM being changed, and shall bear letter suffixes in accordance with the general requirements specification used to prepare the TM.

3.6.2.1 Security classification. The security classification of the RAC shall be determined from the content of the change. A classified RAC can be issued only to a classified TM. The security classification of a RAC can be lower but not higher than the security classification of the TM being changed.

3.6.2.2 Security markings. Security markings shall be in accordance with current security regulations and MIL-M-23618, MIL-STD-38784, MIL-M-81927 or the general requirements specification used to prepare the TM.

3.6.2.3 Change symbols. Change symbols shall always be used in RACs and shall be as specified in the applicable general style and format requirements specification used to prepare the TM.

3.6.3 Reproducible copy. RACs shall be prepared as reproducible copy or other media acceptable to the applicable printing activity (see 6.2).

a. Reproducible copy shall be prepared in accordance with the same style and format of the existing TM being changed.

MIL-DTL-81748D(AS)

b. New artwork and changes to existing line art and illustrations shall meet, or exceed, the quality of the existing artwork.

3.7 Printing. RAC printing and printing schedule requirements shall be in accordance with MIL-P-38790 and NAVAIR 00-25-150.

3.8 Maintaining status of IRACs and RACs (see figures 2 through 8). The title and "A" pages of changed TMs and all subsequent revisions shall include all incorporated RACs of previous editions.

a. Any and all IRACs incorporated by a TM change or revision shall be included on the title and "A" page of the applicable change or revision.

b. The "A" pages of all subsequent TM changes and revisions shall reflect the cumulative status of all IRACs and RACs issued and incorporated.

c. Cancelled IRAC numbers, including those assigned but never issued, shall be reflected on the "A" page.

4. VERIFICATION

(This section is not applicable to this specification.)

5. PACKAGING

5.1 Packaging. For acquisition purposes, the packaging requirements shall be as specified in the contract or order (see 6.2). When actual packaging of material is to be performed by DoD personnel, these personnel need to contact the responsible packaging activity to ascertain requisite packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activity within the Military Department or Defense Agency, or within the Military Department's System Command. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.

6. NOTES

(This section contains information of a general or explanatory nature which may be helpful, but is not mandatory.)

6.1 Intended Use. RACs will be used only to expedite the issuance of essential operational and maintenance change information as defined in paragraph 3.2. Refer to NAVAIRINST

## MIL-DTL-81748D(AS)

5600.23 for a definition of the policy, procedures, and responsibilities of the TM RAC program.

6.1.1 RAC applicability. RACs are applicable to all in-production and out-of-production NAVAIR weapon system manuals such as: maintenance instruction manuals, related component equipment manuals, maintenance requirement cards, illustrated parts breakdown, support equipment, weapons handling and loading manuals, calibration manuals, and other related procedural manuals.

6.1.2 NATOPS. Naval Air Training and Operation Procedures Standardization (NATOPS) flight manuals and tactical manuals are excluded from this program (OPNAVINST 3710.7 refers).

6.1.3 Figures contained in this specification. The figures in this specification are examples intended to illustrate style, format, and sample content. They shall not be used for interpretation of specific technical content or exact scale requirements.

6.2 Acquisition requirements. Acquisition documents must specify the following:

- a. Title, number, and date of the specification.
- b. Issue of DODISS to be cited in the solicitation, and if required, the specific issue of individual documents referenced (see 2.2.1). The general requirements specification used to prepare the TM shall also be specified.
- c. Name and address of Technical Manual Management Activity (TMMA) (see 3.1.1, 3.4.1, and 3.4.2).
- d. Name and address of the cognizant TM preparing activity (see 3.4.1, 3.4.2).
- e. Name and address of printing activity (see 3.6.3).
- f. Packaging requirements (see 5.1).

6.3 Technical manuals. The requirement for technical manuals should be considered when this specification is applied on a contract. If technical manuals are required, specifications and standards that have been cleared and listed in DoD 5010.12-L, Acquisition Management Systems and Data Requirements Control List (AMSDL) must be listed on a separate Contract Data Requirements List (DD Form 1423), which is included as an exhibit to the contract. The technical manuals must be acquired under separate contract line item in the contract.

MIL-DTL-81748D(AS)

6.4 Subject term (key word) listing.

Aircraft grounding  
Calibration manual  
Change  
Cognizant TM preparing activity  
Component equipment manual  
Contractor  
Environmental impact restrictions  
Equipment damage  
Hazards to safety of personnel  
Illustrated parts breakdown  
Impairment of safety of flight  
Interim rapid action change (IRAC)  
Maintenance instructions manual  
Maintenance requirements cards  
Military specification  
Mission capability/fleet readiness  
Procedural manual  
Rapid action change (RAC)  
Reproducible copy  
Revision  
Support equipment manual  
Technical manual (TM)  
Technical manual management activity (TMMA)  
Validation  
Weapons handling and loading manual

6.5 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.



MIL-DTL-81748D (AS)

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4. VALIDATED BY: (Name, activity, code, and telephone number as applicable)//

5. RELATED INSTRUCTIONS:

A. FOR PAPER COPY - MAINTAIN THIS IRAC WITH THE APPLICABLE MANUAL BY PLACING OR ATTACHING IT DIRECTLY BEHIND THE TITLE PAGE. MARK THE SPECIFIC CHANGE AREA IN THE MARGIN OF EACH PAGE AFFECTED WITH A VERTICAL LINE, AND INCLUDE THE IRAC NUMBER AND DATE TIME GROUP (DTG) OF THE IRAC MESSAGE. THIS IRAC SHALL NOT BE REMOVED UNTIL RECEIPT OF THE FORMAL CHANGE PAGES.

B. FOR IRACS AFFECTING MANUALS ON CD-ROM - AFFIX AN ADHESIVE LABEL TO THE CD-ROM CASE, ANNOTATED WITH THE APPLICABLE PUBLICATION NUMBER, IRAC NUMBER AND DTG OF THE IRAC MESSAGE. THE LABEL SHOULD BE POSITIONED TO ALLOW FOR ADDITIONAL UPDATES AS THEY OCCUR. MAINTAIN THE IRAC ON FILE UNTIL RECEIPT OF THE SUPERSEDING CD-ROM.

C. (Preparing activity, code and target date for formally updating the applicable manual. Example: SUBJECT IRAC SHALL BE INCORPORATED INTO APPLICABLE MANUAL NO LATER THAN 12 MONTHS AFTER IRAC ISSUE DATE BY (activity, code).)///

2 OF 2

(Date, Time, Group)  
(Issuing activity)

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FIGURE 1. Example of an IRAC-continued.

MIL-DTL-81748D (AS)

**A1-F18AC-560-200**

**1 FEBRUARY 1993**

**Change 2 - 30 NOVEMBER 1995 (A1-F18AC-460-20B)**

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**TECHNICAL MANUAL**

**ORGANIZATIONAL MAINTENANCE  
TESTING AND TROUBLESHOOTING**

**AIR DATA COMPUTER SYSTEM**

**NAVY MODEL**

**F/A-18A AND TF/A-18A**

**161353 AND UP**

**THIS CHANGE INCORPORATES IRAC 1**

**DISTRIBUTION STATEMENT C.** Distribution authorized to U.S. Government agencies and their contractors to protect publications required for official use or for administrative or operational purposes determined on 1 February 1993. Other requests for this document shall be referred to Commanding Officer, Naval Air Technical Services Facility, 700 Robbins Avenue, Philadelphia, PA 19111-5097.

**DESTRUCTION NOTICE** - For unclassified, limited documents, destroy by any method that will prevent disclosure of contents or reconstruction of the document.

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**FIGURE 2. Example of title page of changed manual (IRAC incorporated by a routine change).**

MIL-DTL-81748D (AS)

**NAVAIR 19-600-XXX-6-2**

**TECHNICAL MANUAL  
PERIODIC MAINTENANCE REQUIREMENTS CARDS  
NOMENCLATURE  
TYPE EQUIPMENT CODE**

**THIS CHANGE INCORPORATES IRAC 8**

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**1 JANUARY 1992**  
CHANGE 3 - 1 NOVEMBER 1996

**NAVAIR 19-600-XXX-6-2**

**LIST OF EFFECTIVE CARDS**

Insert latest changed cards. Dispose of superseded cards in accordance with applicable regulations.  
NOTE: That portion of text affected by the change is indicated by a vertical line or other change symbol in the outer margin of the card.

Dates of issue for original and changed cards

Original.....1 Jan 92 incl. RAC's 1 thru 6	Change 2.....5 APR 95
Change 1.....1 JUN 92	Change 3.....1 NOV 96 (IRAC 8 Inc.)

The total number of card faces in this manual is 83 consisting of the following:

CARD NO.	CHANGE NO.	CARD NO.	CHANGE NO.	CARD NO.	CHANGE NO.
Title.....	3	iv.....	2	1.2.....	3
A.....	3	v.....	2	1.3 Blank.....	3
B.....	3	vi.....	1	2.....	3
C.....	3	vii.....	2	2.1.....	3
I.....	1	viii.....	2	2.2.....	3
E.....	2	1.....	2	3.....	2
E.....	1	1.1.....	0	3.1.....	3

**A CHANGE 3**

**FIGURE 3. Example of title and "A" cards of changed periodic maintenance requirements manual.**

MIL-DTL-81748D (AS)

# NAVAIR 01-XXXX-75

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## TECHNICAL MANUAL

### AIRBORNE WEAPONS/STORES LOADING MANUAL

### NAVY MODELS X-XX, X-XX AND XX-XX AIRCRAFT

THIS RAC SUPERSEDES IRAC 8

**DISTRIBUTION STATEMENT C.** Distribution authorized to U.S. Government agencies and their contractors to protect publications required for official use or for administrative or operational purposes determined on 1 February 1993. Other requests for this document shall be referred to Commanding Officer, Naval Air Technical Services Facility, 700 Robbins Avenue, Philadelphia, PA 19111-5097.

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**15 NOVEMBER 1991**  
**RAPID ACTION CHANGE 8 - 1 OCTOBER 1993**

FIGURE 4. Example of RAC title page (IRAC incorporated by a RAC).

MIL-DTL-81748D (AS)

# NAVAIR 01-XXXX-75

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## TECHNICAL MANUAL

### AIRBORNE WEAPONS/STORES LOADING MANUAL

### NAVY MODELS X-XX, X-XX AND XX-XX AIRCRAFT

IRAC HAS NOT BEEN ISSUED PRIOR TO THIS RAC

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**15 NOVEMBER 1991**  
**RAPID ACTION CHANGE 4 - 1 APRIL 1995**

FIGURE 5. Example of RAC title page (without prior IRAC).

## MIL-DTL-81748D (AS)

NAVAIR 01-XXXX-75

## LIST OF EFFECTIVE PAGES

Insert latest changed pages; dispose of superseded pages in accordance with applicable regulations.

NOTE: On a changed page, the portion of the text affected by the latest change is indicated by a vertical line, or other change symbol, in the outer margin of the page. Change to illustrations are indicated by miniature pointing hands. Changes to wiring diagrams are indicated by shaded areas.

Dates of issue for original and changed pages are:

Original 0.....15 Nov 91	RAC 3.....15 Aug 92
RAC 1.....15 Apr 92	Change 1.....1 Apr 95
RAC 2.....15 May 92	RAC 4.....1 Apr 95

Total number of pages in this manual is 570 consisting of the following:

Page No.	#Change No.
Title.....	RAC 4
A.....	RAC 4
i - xii.....	0
1-1 - 1-23.....	0
1-24 Blank.....	0
2-25 - 2-79.....	1
2-80 - 2-81.....	0
2-82.....	1
2-83 - 2-168.....	RAC 3
3-1 - 3-30.....	0
4-1 - 4-12.....	RAC 2
4-13 - 4-61.....	0
4-62 - 4-99.....	1
4-100 - 4-109.....	0
5-1 - 5-20.....	0
5-21.....	RAC 4
5-22.....	RAC 1
5-23 - 5-25.....	0
5-26 - 5-44.....	0
Glossary 1 - Glossary 5.....	0
Index 1 - Index 5.....	0

# Zero in this column indicates an original page.

A RAC 4

FIGURE 6. Example of a RAC list of effective pages.

MIL-DTL-81748D(AS)

**A1-F18AC-XXX-XXX**

CHANGE 3 - 1 SEPTEMBER 1994

PAGE A

**NUMERICAL INDEX OF EFFECTIVE WORK PACKAGES/PAGES****List of Current Changes**

Original 0.....1 Feb 1991 Incl previously Inc RAC's 1 through 3	IRAC 5.....Cancelled (never issued)
Change 1.....1 May 92	RAC 6.....1 Jun 93
Change 2.....30 Nov 92 (IRAC 4 Inc)	Change 3.....1 Sep 94

Only those work packages/pages assigned to the manual are listed in this index. Insert Change 3 dated 1 Sep 94. Dispose of superseded work packages/pages. If changed pages are issued to a work package, insert the changed pages in the applicable work package. The portion of the text affected in a changed or revised work package is indicated by change bars or the change symbol "R" in the outer margin of each column of text. Changes to illustrations are indicated by pointing hands or change bars as applicable.

**WP**

Number

Title

## Title

Page A Numerical Index of Effective Work Packages

001 00 Alphabetical Index

002 00 Introduction

003 00 Testing

003 00 Component Locator

004 00 Troubleshooting - Maintenance Codes

005 00 Troubleshooting - Air Data Computer CP-1334/A

006 00 Troubleshooting - Angle of Attack

007 00 Troubleshooting - Total Temperature Probe and Airstream Direction Sensing  
Unit Heaters

Total number of pages in this manual is 351 consisting of the following:

WP/Page No.	Change No.	WP/Page No.	Change No.
Title.....	3	1 Blank.....	1
A.....	3	2-6.....	1
B.....	2	002 00.....	2
C Blank.....	2	1-21.....	2
001 00.....	RAC 6	22-26.....	1

**FIGURE 7. Example of routine change list of effective pages.**

MIL-DTL-81748D(AS)

**A1-F18AC-560-200**  
**1 FEBRUARY 1993**

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**TECHNICAL MANUAL**

**ORGANIZATIONAL MAINTENANCE  
TESTING AND TROUBLESHOOTING**

**AIR DATA COMPUTER SYSTEM**

**NAVY MODEL**

**F/A-18A AND TF/A-18A**

**161353 AND UP**

**THIS MANUAL SUPERSEDES A1-F18AC-560 DATED 1 FEBRUARY 1991,  
CHANGED 1 MAY 1992 INCLUDING RACs 1 THROUGH 3**

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**FIGURE 8. Example of title page of a revised manual (indicating accountability of incorporated RACs).**

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**.CONCLUDING MATERIAL**

**Preparing activity:  
Navy - AS  
(Project TMSS-N257)**