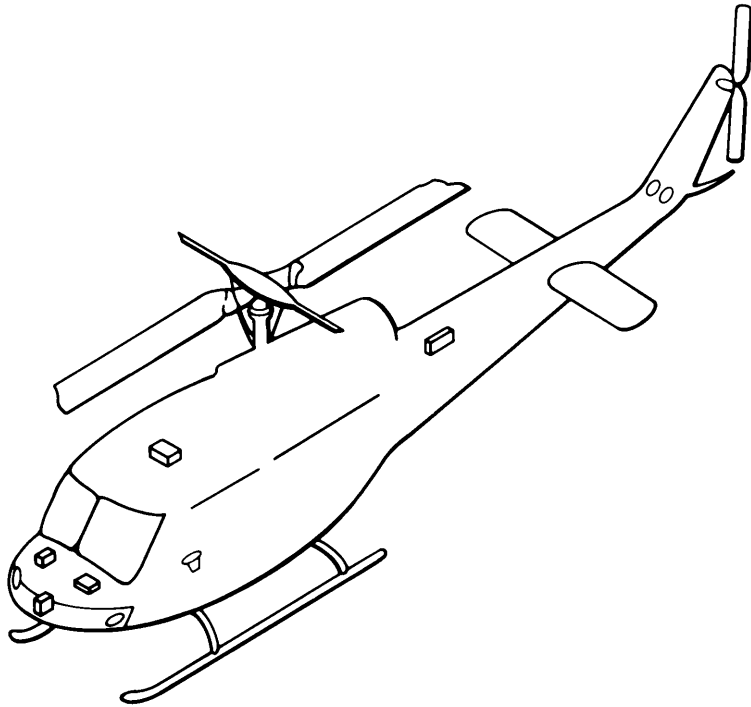


TM 11-5841-283-34-1 NAVAIR 16-30APR39-2

AVIATION INTERMEDIATE MAINTENANCE MANUAL



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RADAR SIGNAL DETECTING SET AN/APR-39(V)1 (NSN 5841-01-023-7112)

HEADQUARTERS, DEPARTMENTS OF THE ARMY AND NAVY

31 AUGUST 1983

TECHNICAL MANUAL
No. 11-5841-283-34-1
Technical Manual
NAVAIR 16-30APR39-2

DEPARTMENTS OF THE ARMY
AND THE NAVY
WASHINGTON, DC 31 August 1983

Aviation Intermediate Maintenance Manual

RADAR SIGNAL DETECTING SET AN/APR-39(V)1 (NSN 5841-01-023-7112)

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703. For Navy, submit comments on OPNAV 4790/66 (Technical Publications Deficiency Report) to the Commander, Naval Air Technical Services Facility, ATTN: Code 41, 700 Robbins Avenue, Philadelphia, Pennsylvania 19111. In either case, a reply will be furnished to you.

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*This manual together with TM 11-5841-283-34-2 supersedes TM 11-5841-283-34, 11 October 1977, including all changes.

HOW TO USE THIS MANUAL

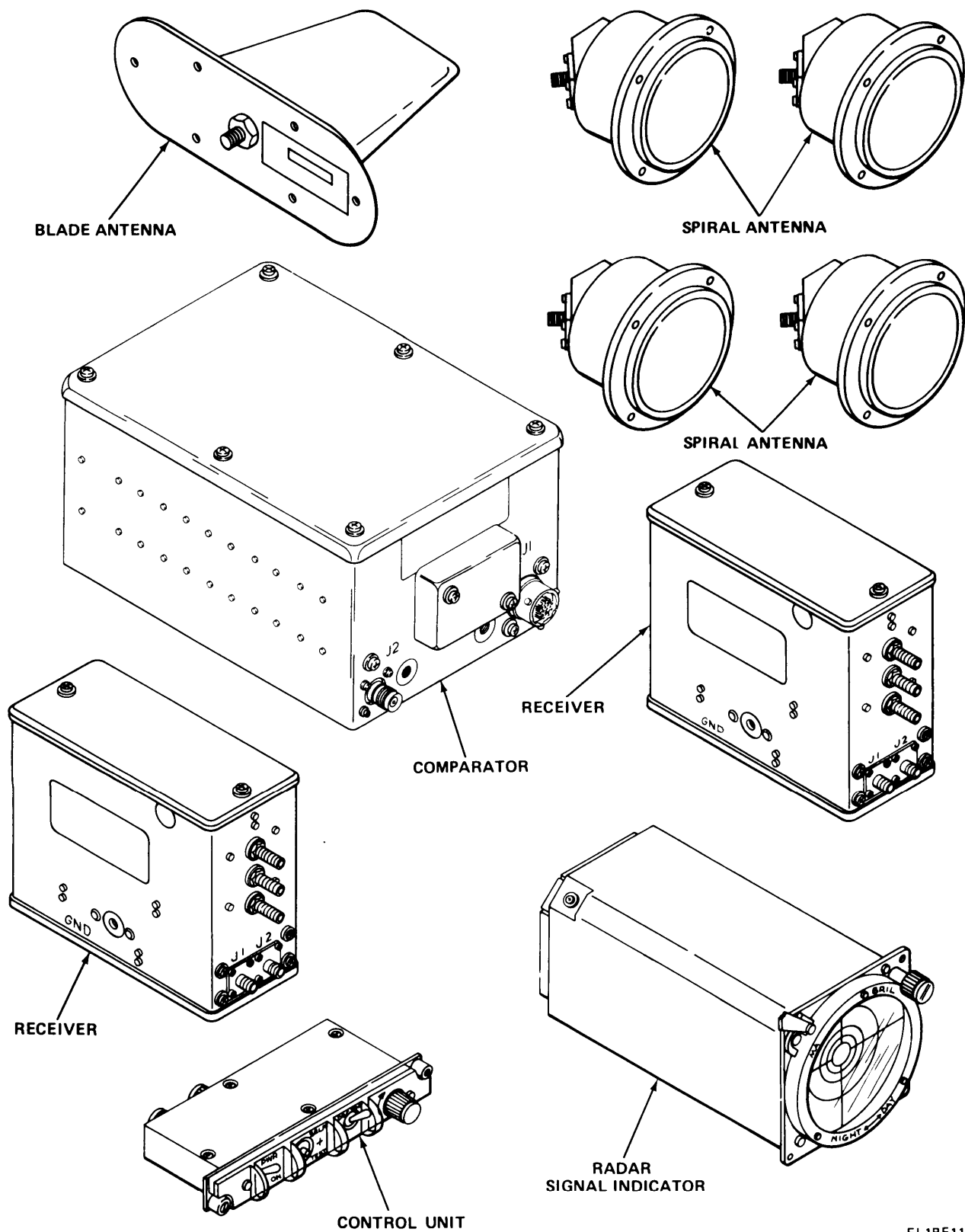
This manual is designed to help you maintain the radar signal detecting set. The front cover table of contents is provided for quick reference to important information. There is also an index located in the final pages for use in locating specific items of information.

Read all preliminary information found at the beginning of each task. It has important information and safety instructions you must follow before beginning the task. Warning pages are located in the front of this manual. You should learn the warnings before doing maintenance on the equipment.

Paragraphs in this manual are numbered by chapter and order of appearance within a chapter. A subject index appears at the beginning of each chapter listing sections that are included in that chapter. A more specific subject index is located at the beginning of each section to help you find the exact paragraph you're looking for.

This manual has a companion document with TM number TM 11-5841-283-34-2. The TM 11-5841 -283-34-2 consists of classified data on the radar signal detecting set. Refer to TM 11-5841 -283-34-2 when this manual tells you to.

RADAR SIGNAL DETECTING SET AN/APR-39(V)1



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CHAPTER 1

INTRODUCTION

Subject	Section	Page
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OVERVIEW

This chapter contains information about the theory of operation of the radar signal detecting set. It also covers equipment data that will be helpful in using and maintaining the radar signal detecting set.

Section I GENERAL INFORMATION

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Maintenance Forms, Records, and Reports	1-2	1-1
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1-1. SCOPE.

Type of Manual: Aviation Intermediate Maintenance

Equipment Name and Model Number: Radar Signal Detecting Set AN/APR-39(V)1

Purpose of Equipment: To receive and display to an aircraft pilot or other observer, information about radar and tracking signals which may be a potential threat.

1-2. MAINTENANCE FORMS, RECORDS, AND REPORTS.

REPORT OF MAINTENANCE AND UNSATISFACTORY EQUIPMENT

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by TM 38-750, The Army Maintenance Management System (TAMMS). Navy personnel will report maintenance performed utilizing the Maintenance Data Collection Subsystem (MDCS) IAW OPNAVINST 4790.2 Vol 3, and unsatisfactory material/conditions (UR submissions) IAW OPNAVINST 4790.2, Vol 2, chapter 17.

REPORT OF PACKAGING AND HANDLING DEFICIENCIES

Fill out and forward SF 364 (Report of Discrepancy (ROD)) as prescribed in AR 735-11-2/DLAR 4140.55/NAVMATINST 4355.73/AFR 400-54/MCO 4430.3E.

DISCREPANCY IN SHIPMENT REPORT (DISREP)(SF361)

Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 55-38/NAVSUPINST 4610.33B/AFR 75-18/MCO P4610.19C/DLAR 4500.15.