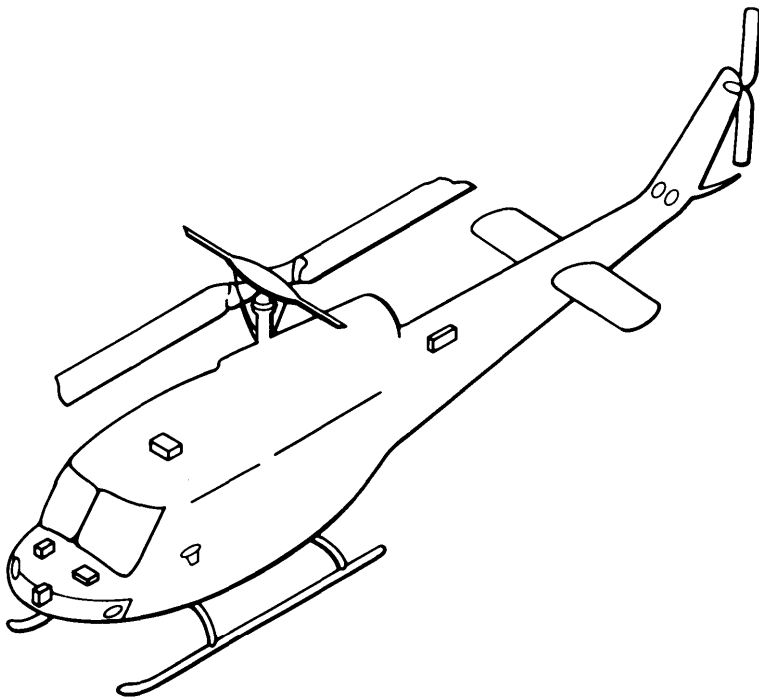


TM 11-5841-283-12 NAVAIR 16-30APR39-1

AVIATION UNIT MAINTENANCE MANUAL



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

(NSN 5841-01-023-7112)

DEPARTMENTS OF THE ARMY AND THE NAVY
9 AUGUST 1983

Technical Manual
 No. 11-5841-283-12
 Technical Manual
 NAVAIR 16-30APR39-1

DEPARTMENTS OF THE ARMY,
 AND THE NAVY
 Washington, DC, 9 August 1983

**Aviation Unit 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 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, mail comments to the Commander, Naval Electronic Systems Command; ATTN: ELEX 8122, Washington, DC 20360. In either case a reply will be furnished direct to you.

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* This manual supersedes TM 11-5841-283-20, 1 June 1977, including all changes.

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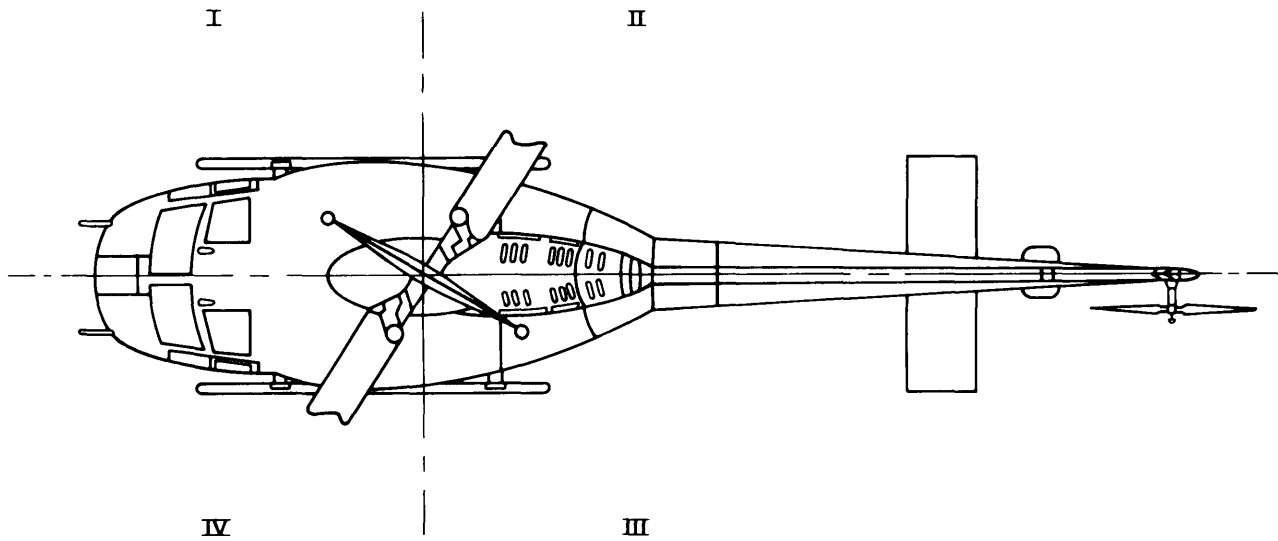
HOW TO USE THIS MANUAL

This manual is designed to help you operate and 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.



EL5VM001

NOTE

Radar Signal Detecting Set AN/APR-39(V)1 equipment location varies from aircraft to aircraft. In this manual, a typical installation pattern for rotary wing aircraft is shown. Always check the aircraft manual for correct layout.

The above illustration is divided into four sections (quadrants I, II, III, and IV) to make equipment location easier.

CHAPTER 1

INTRODUCTION

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Section I GENERAL INFORMATION

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1-1. SCOPE.

Type of Manual: This manual covers Aviation Unit (organizational) level maintenance. Related maintenance manuals TM 11-5841-283-34-1 and -2 classified supplement this manual and contain instructions for AVIM, (direct support) maintenance.

Equipment Name and Model Number: Radar Signal Detecting Set AN/APR-39(V)1,
NSN 5841-01-023-7112.

Purpose of Equipment: The primary purpose of the Radar Signal Detecting Set AN/APR-39(V)1 is to receive and display to the aircraft pilot, or other observer, information concerning radar and tracking signals which may be a potential threat. The radar signal detecting set can be installed in either rotary or fixed wing aircraft.