

TM 11-5820-554-34-8

TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL

**FILTER, RADIO AND INTERFERENCE F-1139/GRC-159(V)
(NSN 5820-00-960-8526)**

**HEADQUARTERS, DEPARTMENT OF THE ARMY
AUGUST 1976**

Information in this publication has been furnished by the Collins Radio Company and shall not be either released outside the government, or used, duplicated, or disclosed in whole or in part for manufacture or procurement, without the written permission of the Collins Radio Company.

*TM 11-5820-554-34-8

TECHNICAL MANUAL }
NO.11-5820-554-34-8

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 30 August 1976

Direct Support and General Support Maintenance Manual
FILTER, RADIO, INTERFERENCE F-1139/GRC-159(V)
(NSN 5820-00-960-8526)

REPORTING OF ERRORS

You can help improve this manual by calling attention to errors and by recommending improvements and stating your reasons for the recommendations. Your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) should be mailed direct to Commander, US Army Electronics Command, ATTN: DRSEL-MA-Q, Fort Monmouth, NJ 07703. A reply will be furnished direct to you.

This technical manual is an authentication of the manufacturer's commercial literature and does not conform with the format and content specified in AR 310-3. This technical manual does, however contain information that is essential to the operation and maintenance of the equipment.

CHAPTER	1.	INTRODUCTION		
Section	I.	General	Paragraph	Page
		Scope	1-1	1-1
		Indexes of publications	1-2	1-1
		Administrative storage.....	1-3	1-1
		Destruction of Army electronics materiel	1-4	1-1
	II.	Description and data		
		Description.....	1-5	1-1
		Tabulated data.....	1-6	1-1
CHAPTER	2.	INSTALLATION, CIRCUIT FUNCTIONING, AND ALIGNMENT		
		Installation	2-1	2-1
		Circuit functioning.....	2-2	2-2
		Alignment	2-3	2-2
	3.	DIRECT SUPPORT TROUBLESHOOTING PROCEDURES		
		General instructions.....	3-1	3-1
		Organization of troubleshooting procedures	3-2	3-1
		Tools, test equipment, and materials required	3-3	3-1
		Troubleshooting procedure	3-4	3-1
APPENDIX	A	REFERENCES.....		A-1

*This manual supersedes so much of TM 11-5820-529-14, 21 March 1975, as pertains to direct support and general support maintenance of Filter, Radio Interference F-1139/FRC-159 (V).

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

This manual covers direct support and general support maintenance for Filter, Radio Interference F-1139/GRC-159(V) (Collins Noise Blanker, Model 136B-2). This manual includes direct and general support for calibration and adjustment of the equipment. The manual also lists tools and test equipment for direct and general support maintenance. The complete manual includes TM 11-5820-554-12.

1-2. Indexes of Publications

a. *DA Pam 310-4*. Refer to the latest issue of DA Pam 310-4 to determine whether there are new editions, changes, or additional publications pertaining to this equipment.

b. *DA Pam 310-7*. Refer to DA Pam 310-7 to determine if there are current, applicable modification work orders (MWO's) pertaining to this equipment.

1-3. Administrative Storage

Administrative storage of equipment issued to and by Army activities shall be in accordance with TM 740-90-1.

1-4. Destruction of Army Electronics Materiel

Destruction of Army electronics materiel to prevent enemy use shall be in accordance with TM 750-244-2.

Section II. DESCRIPTION AND DATA

1-5. Description

A general description of Filter, Radio Interference F-1139/GRC-159(V) is contained in TM 11-5820-554-12.

1-6. Tabulated Data

A list of tabulated data for Filter, Radio Interference F-1139/GRC-159(V) is contained in TM 11-5820-554-12.