



**Rockwell  
International**

**instructions**

# AC-85108 Channel A IF Kit (622-4614-( ))

Collins Telecommunications Products Division

523-0769225-001211

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## 1. DESCRIPTION

The AC-85108 Channel A IF Kit 622-4614-( ) contains a replacement channel A if card.

When installed, the 637-4614-001 provides a 3.10-kHz bandwidth filter for USB 450-kHz receive if filtering.

Refer to table 1 for equipment this kit is used on.

## 2. INSTALLATION

Installation of the AC-85108 Channel A IF Kit 622-4614-( ) consists of installing a channel A if A8.

- a. Remove top cover from unit.
- b. Remove A8 CHAN A IF from unit.
- c. If filter A8A2 is mounted on A8 CHAN A IF, remove it and mount it to new channel A if.
- d. Install new channel A if in its allocated position in unit.
- e. Reinstall unit top cover.

## 3. REPAIR

Repair of the AC-85108 Channel A IF Kit is accomplished using standard maintenance and planar

Table 1. AC-85108 Channel A IF Kit, Equipment Used On.

EQUIPMENT	COLLINS PART NUMBER
HF-8050 Receiver	622-3385-( )
HF-8050A Receiver	622-3393-( )
*851S-1 Receiver	622-4272-( )
*This kit factory installed on some configurations of this unit.	

card repair procedures. Refer to the maintenance section of this instruction book for planar card repair procedures.

## 4. PARTS LIST/DIAGRAMS

This paragraph assists in identification, requisition, and issuance of parts, and in installation of the equipment. The Collins part number and description of each nonstandard replacement part are listed in table 2.

Channel A IF 637-2650-( ) is covered in Channel A IF (637-2650-( )) instructions (Collins part number 523-0767962) included in this instruction book.

Table 2. AC-85108 Channel A IF Kit, Parts List.

PART DESCRIPTION	COLLINS PART NO	QUANTITY USED ON AC-85108 CHANNEL A IF KIT 622-4624-( )
		-001
Channel A IF (3.10-kHz filter)	637-2650-003	1
Drawing envelope	520-8360-210	1
Installation Kit-RF	622-4624-( )	1
Translator AC-85106		