

REV A	APPLICATION			REVISIONS			
	NEXT ASSEMBLY	FINAL ASSEMBLY	REV	DESCRIPTION	DATE	APPROVED	APPROVED
SH 1		RT-9600	A	INITIAL RELEASE PER DCN W1531	5/9/01	<i>W. Wallace</i>	

DWG. NO. 150-041013

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APPROVALS	DATE	TITLE				
DRAWN <i>Leslie Evans</i>	5-9-01	SERVICE NOTIFICATION WSN RT-9600-1 (NARROW BAND FACTORY UPGRADE)				
CHECKED <i>[Signature]</i>	5-9-01					
ENGINEER <i>[Signature]</i>	5-9-01	SIZE A	CAGE CODE 1B7G3	DWG. NO. 150-041013	REV A	
ISSUED <i>W. Wallace</i>	5/9/01	SCALE NONE				



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SERVICE NOTIFICATION

EQUIPMENT: RT-9600, RT-9600F
C-962, C-962A

DATE: May 9, 2001

BULLETIN NUMBER: WSN RT-9600-1

APPLICABILITY

This Service Notification applies to all RT-9600/F Transceivers and C-962/A Control Heads.

GENERAL

The Federal government has passed legislation that will required most government agencies to change their communication networks from 25 kHz channel spacing to 12.5 kHz channel spacing (Narrow band). This legislation was intended to increase the number of available communication channels to help relieve channel congestion. As this legislation is enforced, government contractors will be required to either upgrade or replace their existing communication systems.

To meet these requirements a Narrow-band factory upgrade is available for the Flitecomm system. This upgrade requires modification to both the C-962/A Control Head and the RT-9600 Transceiver and allows selection of either 25 kHz or 12.5 kHz operation from the control head. No aircraft wiring changes are required for this upgrade. All factory authorized repair centers will be able to service equipment with this upgrade.

The upgrade to the C-962/A Control Head has the following features:

The number of preset channels is increased to 225. The preset channels are arranged in 17 groups of 15 channels. These additional banks will allow saving the frequencies of multiple missions while keeping the familiar user interface. The Channel memory is programmable for Frequency, CTCSS Tone, and Narrow or Wide band selection.

The selection of CTCSS tones has been increased to 50. The presentation of these tones on the display can be in Wulfsberg, CDF, or EIA formats as selected by the user.

The display is replaced by a brighter LED display to improve daylight readability and to indicate Narrow or Wide band operation.

The control head thumb wheels are replaced with new thumb wheels, which indicate Narrow or Wide band operation.

The upgrade to the RT-9600/F Transceiver has the following features:

All transceivers are upgraded to a RT-9600/F status before the modification is performed. The upgrades to the transceivers have been integrated on one card, which replaces the old synthesizer module with a new module. This upgrade replaces the potted VCO of the older units with a surface mount VCO, which is fully serviceable. A high stability TCXO has been added to increase frequency stability and a switched gain stage has been added to adjust transmit and receiver audio for Narrow or Wide band operation.

Both upgrades include a manufacturer warranty and allow continued repair support by factory authorized repair centers.