

# REVISION HISTORY

Refer to the DCA and associated markups for a complete description of the changes incorporated in a revision.

REV	DCA	DATE	DRAWN	CHECKED	APPROVED	PUBLISHED
A	W14108	08-18-14	Dan Farkas	Jay Jensen	John Rodriguez	Linda Bastedeaux



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DOCUMENT TITLE  
**INFORMATION BULLETIN,  
 CIB RT-5000-62  
 SWID 26 INCOMPATIBILITY W/C-5000  
 MODE 1 OPERATION**

SIZE <b>A</b>	LRU <b>RT-5000</b>	DOCUMENT NUMBER <b>150-043914</b>	REV <b>A</b>
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Typed signatures indicate approval. Handwritten signature approval of this document is on file at Wulfsberg Electronics, Prescott, Arizona.

SCALE: NONE      DO NOT SCALE DRAWING

# INFORMATION BULLETIN

EQUIPMENT: RT-5000

DATE: 8/15/2014

NOTIFICATION NUMBER: CIB RT-5000-62

REVISION: A

## **1. Planning Information**

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### **1.1 Compliance**

Customers must follow one of the two recommendations at the next scheduled maintenance, or as desired.

The RT-5000 is a mission-only tactical radio and there is no impact to the continued safe operation of the aircraft or the workload of the crew as a result of this incompatibility.

### **1.2 Description**

The Digital RT-5000 SWID 26 software requires the controller to send a tuning command to either XTS-5000 module before any special operations can be performed, such as CPS, Key Erase, or Key Load. Since OTAR requires tuning to the desired OTAR channel, that special mode is not an issue.

### **1.3 Applicability**

All Digital RT-5000-0611 through -3511, -5011 through -6111, and -8211 radios with SWID 26 are affected.

### **1.4 Reason**

Customers using a C-5000 in Mode 1 operation will need to utilize one of the two possible work-around solutions.

### **1.5 Approval**

N/A

### **1.5 Recommendation**

Option #1:

If the C-5000 is set to Mode 1 operation, the operator must first select an XTS-5000 channel prior to attempting to read or write either XTS-5000 module using Motorola CPS, Key Erase, or Key Load. Assuming the C-5000 is loaded with the standard Cobham factory RPWin database file, the following channels will allow selection of an XTS-5000 module:

- Channels 100 through 114 for VHF.
- Channels 150 through 164 for UHF L.
- Channels 200 through 214 for UHF H.
- Channels 250 through 264 for 7/800.

Option #2:

Set the C-5000 to Mode 2. In Mode 2, the C-5000 on power up sends a tuning command to the RT-5000 for the first XTS-5000 channel for the configured radio. This behavior of Mode 2 satisfies the SWID 26 issue. For the RT-5000-6011, that will be channel 100, Zone 2, Channel 1, of the VHF. For the RT-5000-6111, that will be channel 200, Zone 2, Channel 1, of the UHF H.