

No: 000205

CHRISTEN INDUSTRIES, INC.
1048 SANTA ANA VALLEY ROAD
HOLLISTER, CALIFORNIA 95023
TELEPHONE: (408) 637-7405

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Send To: 912 NAVCOM KIT
912-A 912-A

C-0002
C CHRISTEN INDUSTRIES INC.
U 1048 SANTA ANA VALLEY RD.
S HOLLISTER, CA 95023
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Subject: MECHANICAL FASTENING OF
EDO-AIRE RADIO SETS

WARNING

Improperly secured radio equipment may break loose during negative-g maneuvers. Inspection and possible modification to ensure adequate fastening must be made before next aerobatic flight.

The 912 and 912-A Navcom radio units, which use the Edo-Aire RT-553 and RT-563 models, are secured to the radio box by a locking tab at the top of the unit.

The locking tab, which can be positioned and tightened through an access hole in the radio panel, must be properly engaged and tightened in the slot in the radio box to retain the radio unit during negative-g maneuvers. (Earlier 912 kits, which used the Narco Escort 110 model, are secured by a different locking system and are not affected by this Product Letter.)

To ensure complete locking-tab engagement, cut a tab-clearance opening in the bottom of the adjacent 31096-001 electrical panel. Use care when installing and locking the radio unit, and inspect the radio for correct locking tab engagement after radio installation.

NOTE

A revision to the 912 Navcom Kit manual is in preparation. This revision will account for all necessary corrective procedures.

If the aircraft is currently flying, or is being prepared for flight, proceed as follows to ensure that the radio is mechanically secure:

1. Remove the radio unit from the radio box.
2. Scribe through the slot at the top of the radio box to transfer the slot location to the bottom surface of the adjacent 31096-001 electrical panel.

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3. Remove the radio box and electrical panel.
4. Cut out a clearance hole in the electrical panel following the marks scribed in step 2. Trim the edges of the hole accurately to the scribe marks, so that the clearance opening in the electrical panel will match the locking slot in the radio box.
5. Inspect the locking tab on the radio unit to verify that it (a) can be positioned using the panel screw, (b) is not bent from possible overtightening in such a manner that it could fail to retain the radio unit, and (c) that the threads on the catch-tab are undamaged.
6. Before installing the radio unit, turn the locking screw counterclockwise several turns to ensure that the tab has been fully retracted.
7. Slide the radio unit into the radio box firmly to seat the connectors, then tighten the locking screw. Observe the locking tab at the top of the radio box while tightening; verify that it fully engages the slot at the top of the radio box. Tighten the locking screw firmly.

NOTE

To further ensure mechanical integrity of the radio latching mechanism, Christen Industries is currently preparing a strengthened locking tab. The Christen tab will include a hooking tang which will engage the edge of the slots in both the radio box and the electrical panel. The Christen tab will be sent without charge as soon as available to all purchasers of 912, 912-A, and 912-L kits supplied with Edo-Aire radio units.