



APPROVAL: _____

INSTALLATION INSTRUCTION BELL 429 TAIL BOOM BRACKET KIT TU02948

Revision History

Date	Level	Description	By
SEP-06-2012	A	Initial release	DNE

Description:

This instruction is for the installation of the a Tail Boom Bracket kit TU02948 used in Tanis Heli-Preheat Systems TSH2584-115 and TSH2584-230, installed on the Bell 429. The kit is an assembly of a bracket and electrical disconnect that is to be located in the tail boom. Wiring for the Tanis systems tail rotor gearbox element is routed through this connector which will allow for its proper disconnect during tail boom removal.

Reference drawing 02948 for location and installation of the bracket kit.

Reference individual connector instructions as required.

Use accepted methods, techniques, and practices when there are no manufacturer's repair or maintenance instructions available.

Installation is to be accomplished by appropriately rated and certified mechanics.

Deviations to the installation will need to be documented and approved by the aircraft inspector.

Materials:

Components supplied with the kit are listed on sheet one of drawing 02948.

Referenced items such as tools, consumables, finish materials, rivets, and P/S 870 sealing compounds etc., are not supplied.

Suggested Installation steps:

1. Reference drawing 02948 and identify installation location and prep area as required.
2. Drill out existing rivets to mount the bracket per drawing 02948.
3. Verify the fit of the assembly on aircraft and make corrections as required.
4. Match drill holes as shown on drawing 02948 to mount bracket (02950).
5. Remove assembly, de-bur all holes.
6. Prepare the bracket mounting area and tail boom mounting location as called out (02948).
7. Rivet the bracket in place, sealing edge seams with P/S 870.
8. Verify electrical bonding of bracket per applicable standards (page 2 of assembly drawing).
9. Seal/Finish/Paint as shown on drawing 02948.
10. Install connector to bracket per drawing 02948. Verify electrical bonding of connector per applicable airframe manufacturer's standards.
11. Seal parameter of bracket connector, and mounting hardware as noted in drawing 02948.
12. Install wiring per system wire diagram and connector manufacturer's instructions.

End