

RANS

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Assembly Alert: 190

Date: September 10, 2019

Subject: Installation of correct count of rivets and other hardware

Compliance: Mandatory

Models Affected: S-21 OUTBOUND

During inspection of a builder assembled elevator frame, prior to installing the skin, it was noted only three (3) rivets were used to attach the elevator horn to the elevator ribs.

In the text it clearly states to transfer drill the additional holes that are provided in the elevator horn for a total of twelve (12) rivets to retain the elevator horn.

Refer to **Parts Page 005-01 Rev. A** below for more detail. Please note that not all rivets or hardware is shown for every installation position for drawing clarity.

This is critical for the security of the elevator and control of the aircraft. Please inspect your elevator horn/rib assembly, as well as all assemblies, for proper rivet/hardware type and count prior to installation of the skin.

Thank you for your attention to this matter. Hopefully, we have not inconvenienced you to any great degree.

Fly safe.



