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Operational Alert: 162

Date: September 13, 2006

Subject: Aileron Link Cables and Turnbuckle

Compliance: Mandatory

Models Affected: All S-7LS and S-7S models

During assembly of an aircraft at the factory, we noted that only 4 threads could be engaged on the upper Turnbuckle at Station 3 (connecting Aileron Link Cables). Investigation showed that some Aileron Link Cables have been made too short.

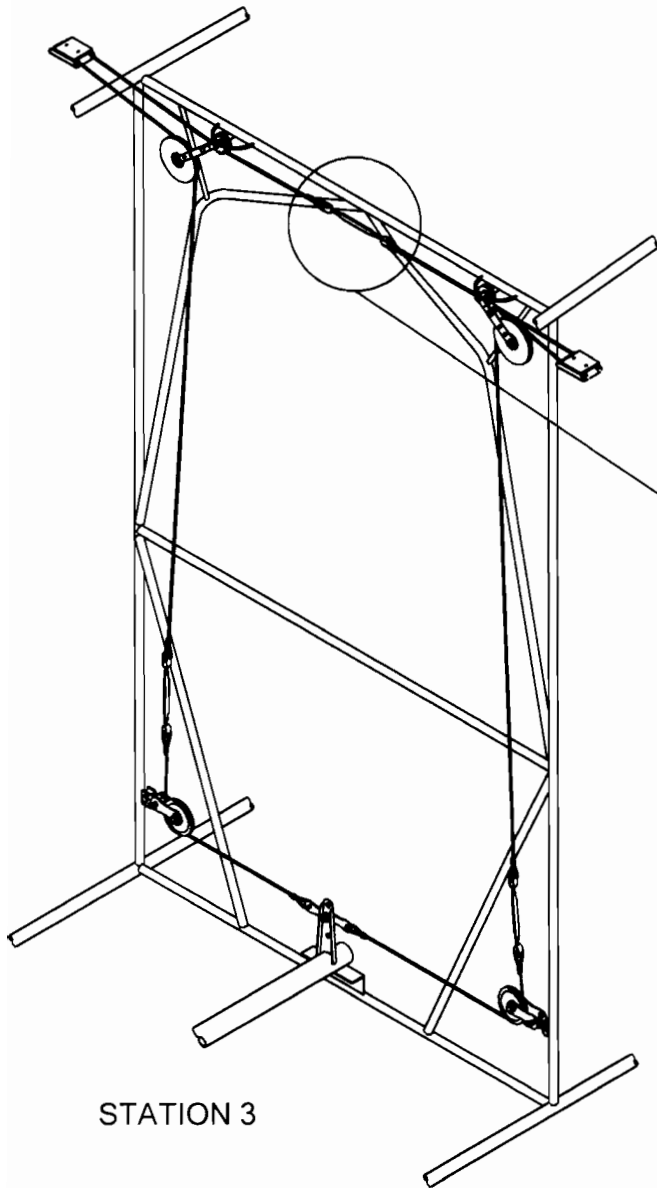
Prior to the next flight, inspect upper Turnbuckle at Station 3 for thread engagement (Reference attached drawing).

A minimum of 6 threads should be engaged on each end of the Turnbuckle.

If this cannot be assured, change Turnbuckle to part # RL-335-BT. Turnbuckle RL-335-BT is slightly longer and available from RANS Parts Department.

Refer to manual for proper rigging.
Safety wire turnbuckle after inspection, check for clearance or interference with other parts.
Perform functional check of ailerons before flight.

Thank you for your attention to this matter.



TURNBUCKLE IS RL-335-AT
CHANGE TO RL-335-BT
IF REQUIRED.

6 TURNS MINIMUM
ENGAGEMENT

STATION 3