

RANS

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Airworthiness Directive: 135

Date: September 25, 2007

Subject: CAB-TANG Failure

Compliance: Mandatory

Models Affected: All RANS aircraft with cable braced tails.
(S-4, S-5, S-6ES, S-6S, S-7, S-9, S-10, S-12, S-12XL, S-12S, S-14, S-17, S-18)

It has been brought to our attention that failures have occurred in the tangs at the ends of our tail brace cables. Some possible causes for this are:

1. Improper bending or re-bending of the tang during installation.
2. Improper tension of the cable resulting in vibration.
3. Pushing or pulling the cables during ground handling.

Please follow the instructions provided to insure your safety in this matter.

Compliance:

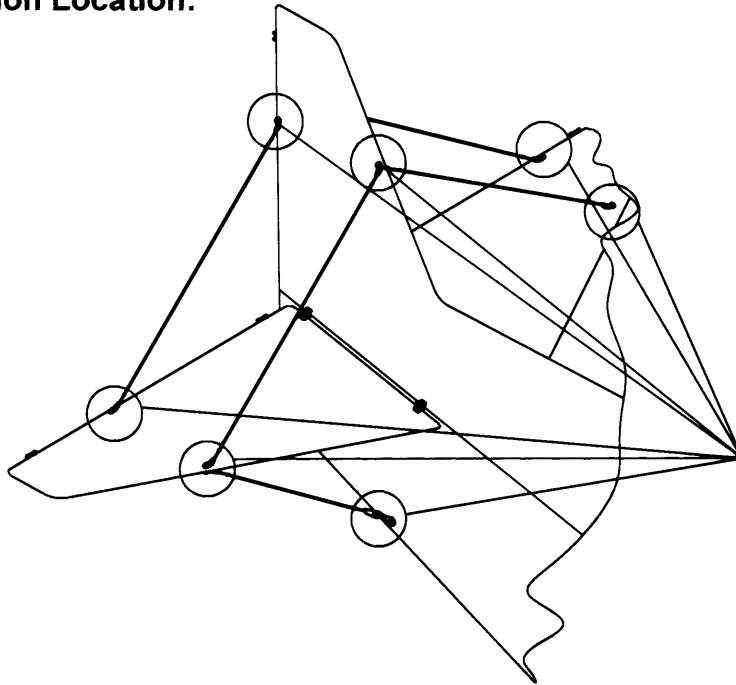
Inspect before next flight. If cracks or defects are found, remove the aircraft from service until it is possible to replace the cable assembly with latest revision.

Continued Airworthiness:

Option 1 - Inspect all cables at 50 hour intervals and at condition inspection. Replace if cracks or defects are found.

Option 2 - Replace cable with latest revision and inspect at condition inspection. Contact RANS Parts Department for replacement parts.

Inspection Location:

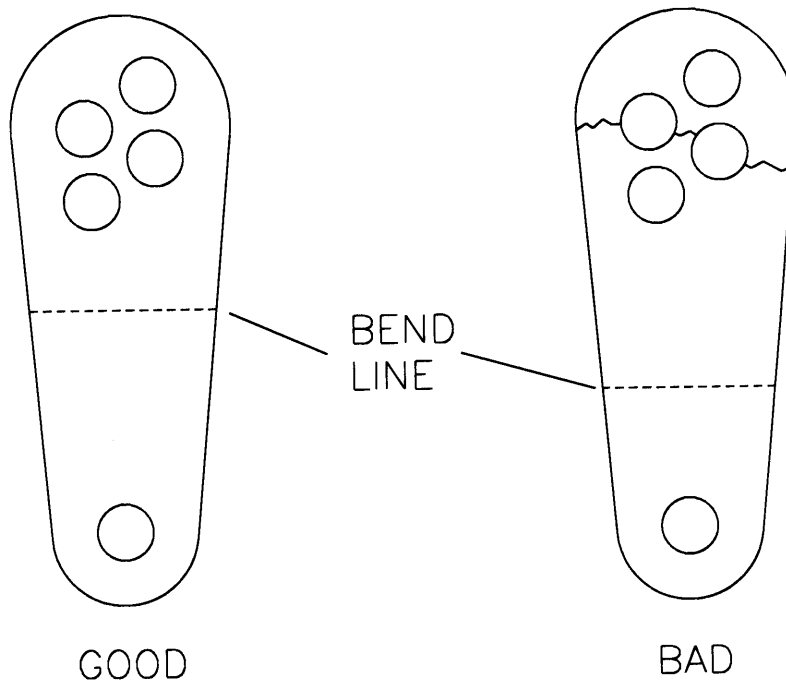


INSPECT ALL TAIL
CABLES AND TANGS

AD135

Inspection Procedure:

Remove bolts holding the CAB-TANG and inspect the tangs using a 10X magnifier.



AD135

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

Fly safe.