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## SERVICE LETTER 277

### Horizontal Stabilizer Rear Spar Cracking at Finlet Struts

<b>Aircraft Makes/Model(s):</b>	<b>Float Model(s):</b>	<b>Compliance:</b> Mandatory	<b>By:</b> MAS
Air Tractor	10000A	<b>Part Number:</b> 1013054	<b>Approved:</b> DRH
AT-802 and AT-802A		<b>Date:</b> 2/11/2026	<b>Revision:</b> A

#### LOG OF REVISIONS

Revision	Description	Date
A	Initial release	2/11/2026

FAA approval has been obtained for technical data in this publication that affects STC or TSO design compliance.

#### EFFECTIVITY:

This service letter applies to Air Tractor models AT-802 and AT-802A with Wipline 10000 amphibian floats installed per STC SA01795CH, specifically those **equipped with tall finlets** per Wipaire installation drawing 7D1-7399 (configurations -02 and -03), and any aircraft that was previously configured with tall finlets (i.e. conversions to landplane configuration under the same STC).

#### COMPLIANCE:

Compliance is mandatory within 200 flight hours of publication of the initial release date of this service letter or during the next scheduled annual inspection, whichever occurs first. Re-accomplish service letter inspection every 400 hours thereafter unless operating in landplane configuration, given tall finlets are not installed. If spar is new/previously replaced, initial inspection may occur at 400 hours since replacement.

#### BACKGROUND:

Instances of cracks near the finlet strut attachment (tall finlets) to the rear horizontal stabilizer spar have been observed. To date, all reported spar cracks related to this attachment point have been located near the outboard fastener of the finlet strut bracket.

#### COMPLIANCE METHOD:

Inspect the finlet strut-to-spar attachment area as outlined in the Work Instructions section of this service letter. Any cracks discovered in this area of the horizontal stabilizer spar necessitate replacement or repair of spar. Contact local Air Tractor dealer for replacement parts and any relevant/available service documents.

#### APPROXIMATE SHOP HOURS:

Performing the Work Instructions will take approximately 4 labor hours to complete per aircraft, excluding any replacement/repair of the spar itself.

#### WARRANTY INFORMATION:

This service letter does not include warranty for labor or parts.

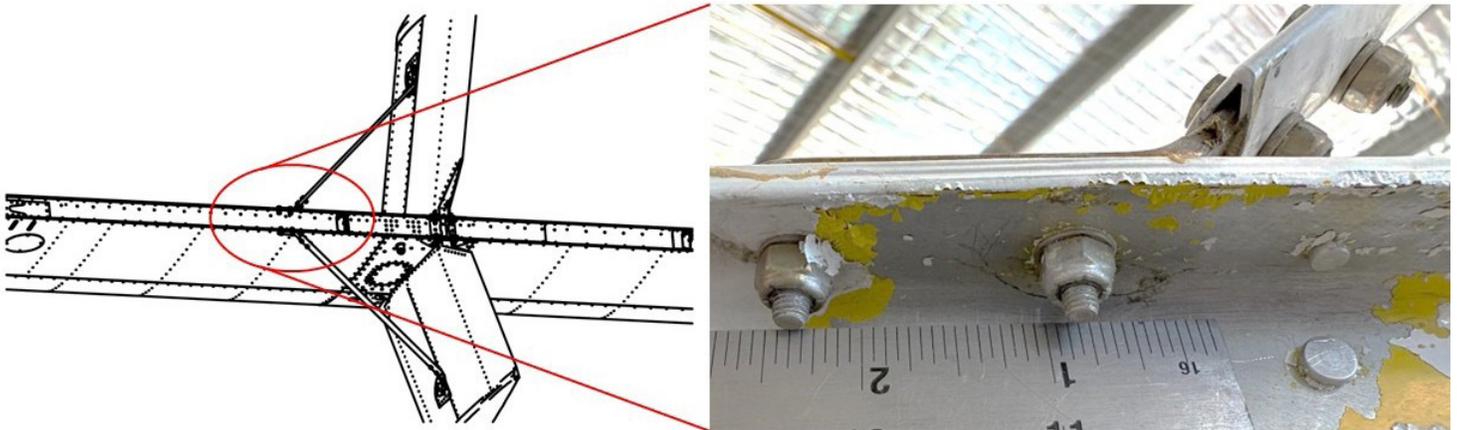
#### TECHNICAL DATA:

Copies of this service letter, associated service kit (if applicable), float service manual, and float parts manual are available at [www.wipaire.com](http://www.wipaire.com) or by contacting Wipaire Customer Service at [customerservice@wipaire.com](mailto:customerservice@wipaire.com) or [technicalsupport@firebossllc.com](mailto:technicalsupport@firebossllc.com).

## Work Instructions

1. Position and prepare aircraft for safe maintenance.
2. Proper inspection may require removal of elevator. Refer to Air Tractor service documents as needed.
3. Visually inspect for cracks on the rear horizontal stabilizer spar near the finlet strut attach point. Cracking has been observed originating on the spar flange near the bend and propagating in an arc around the outboard bolt location. Refer to Figure 1.

**NOTE:** Non-destructive testing such as dye penetrant or eddy current may be required to confirm or rule-out the presence of cracks, at inspector's discretion.



**Figure 1 – Inspection Location (shown with struts installed)**

4. If no cracks are present continue to the next step, otherwise:
  - Any cracks discovered in this area of the horizontal stabilizer spar necessitate replacement or repair of spar; the procedure for replacing or repairing the spar is beyond the scope of this service letter. Contact local Air Tractor dealer for replacement parts and any relevant/available service documents.
5. Repeat for opposite horizontal stabilizer if not already accomplished.

## Aircraft Closing & Return to Service

1. Upon completion, enter information in Aircraft Logbook for completion of inspection according to Wipaire Service Letter 277 revision A, and note observations.
2. Report ALL inspections to Wipaire regardless of whether or not cracks were revealed. Include the following information:
  - Hours since initial modifications associated with STC SA01795CH occurred
  - Model/engine configuration (with HP limits)
  - Propeller type
  - Finlet configuration (7D1-4399-02, 7D1-4399-03, or landplane)
  - Spar reinforcement method: 7D1-4399 Rev L or prior (no bathtub fittings) - vs.- 7D1-4399 Rev M or later (bathtub fittings)
  - Hours without bathtub fittings (7D1-4399 Rev L or prior), if applicable
  - Hours with bathtub fittings (7D1-4399 Rev M or later), if installed
  - Crack location(s), if applicable (RH/LH, upper/lower spar flange, inboard/outboard strut fastener, etc.)
  - Crack size(s), if applicable
  - Photos of crack(s), if found
  - Registration number
  - Serial number
  - Total hours on airframe
  - Operator comments

Submit information to [customerservice@wipaire.com](mailto:customerservice@wipaire.com) and/or [technicalsupport@firebossllc.com](mailto:technicalsupport@firebossllc.com).