



WIPLINE FLOATS | MODIFICATIONS | AIRCRAFT SALES  
AVIONICS | INTERIORS | MAINTENANCE | PAINT

## SERVICE LETTER 275

### Fire Boss Finlet Mount Gussets

| Aircraft Makes/Model(s):       | Float Model(s): | Compliance: Mandatory                   | By: MAS                      |
|--------------------------------|-----------------|-----------------------------------------|------------------------------|
| Air Tractor<br>AT-802, AT-802A | 10000A          | Part Number: 1013045<br>Date: 9/11/2026 | Approved: DRH<br>Revision: A |

### LOG OF REVISIONS

| Revision | Description     | Date      |
|----------|-----------------|-----------|
| A        | Initial release | 9/11/2026 |

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 AT-802 and AT-802A model aircraft with Wipline 10000 amphibian floats installed per STC SA01795CH. The change addressed by this service letter is reflected by current production, but has also been introduced through replacement parts, meaning no additional effectivity criteria (float serial number, e.g.) can be provided.

#### COMPLIANCE:

Compliance is mandatory. Initial inspection to occur within 6 months of initial release date of service letter publication, finlet replacement (as needed) to occur within 2 years.

#### BACKGROUND:

Field observations and analysis have confirmed the need for gussets at finlet mounts.

#### COMPLIANCE METHOD:

Inspect for presence or absence of finlet mount gussets and, if absent, install new finlet assemblies per the work instructions in this service letter. Because assembly methods, tolerances, installation tooling, etc., have changed over the years, it is very unlikely that older finlet assemblies can be reworked and reused.

#### Prerequisites:

- Finlet support fittings ("bathtub fittings") installed in accordance with Service Letter 253 and install drawing 7D1-4399 (revision M or later)
- Support struts on tall finlets in accordance with install drawing 7D1-4399

#### APPROXIMATE SHOP HOURS:

Replacing all finlets in accordance with work instructions will take approximately 4 labor hours per aircraft.

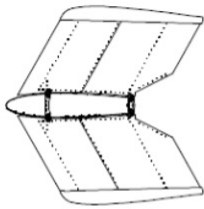
#### WARRANTY INFORMATION:

Additional parts discounts (over established fleet discounts) apply for 24 months from initial release date of Service Letter 275. Airframe and float serial numbers will be required to receive these additional discounts. Contact Wipaire Customer Service at [customerservice@wipaire.com](mailto:customerservice@wipaire.com).

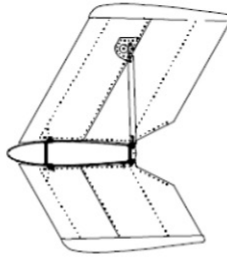
**TECHNICAL DATA:**

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).

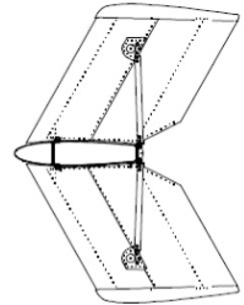
| CONFIGURATION TABLE |                          |
|---------------------|--------------------------|
| KIT NO              | DESCRIPTION              |
| -01                 | AT-802A UP TO 1350 HP    |
| -02                 | AT-802A PT6A-67F 1600 HP |
| -03                 | AT-802 PT6A-67F 1600 HP  |



-01 CONFIG  
SHORT-SHORT



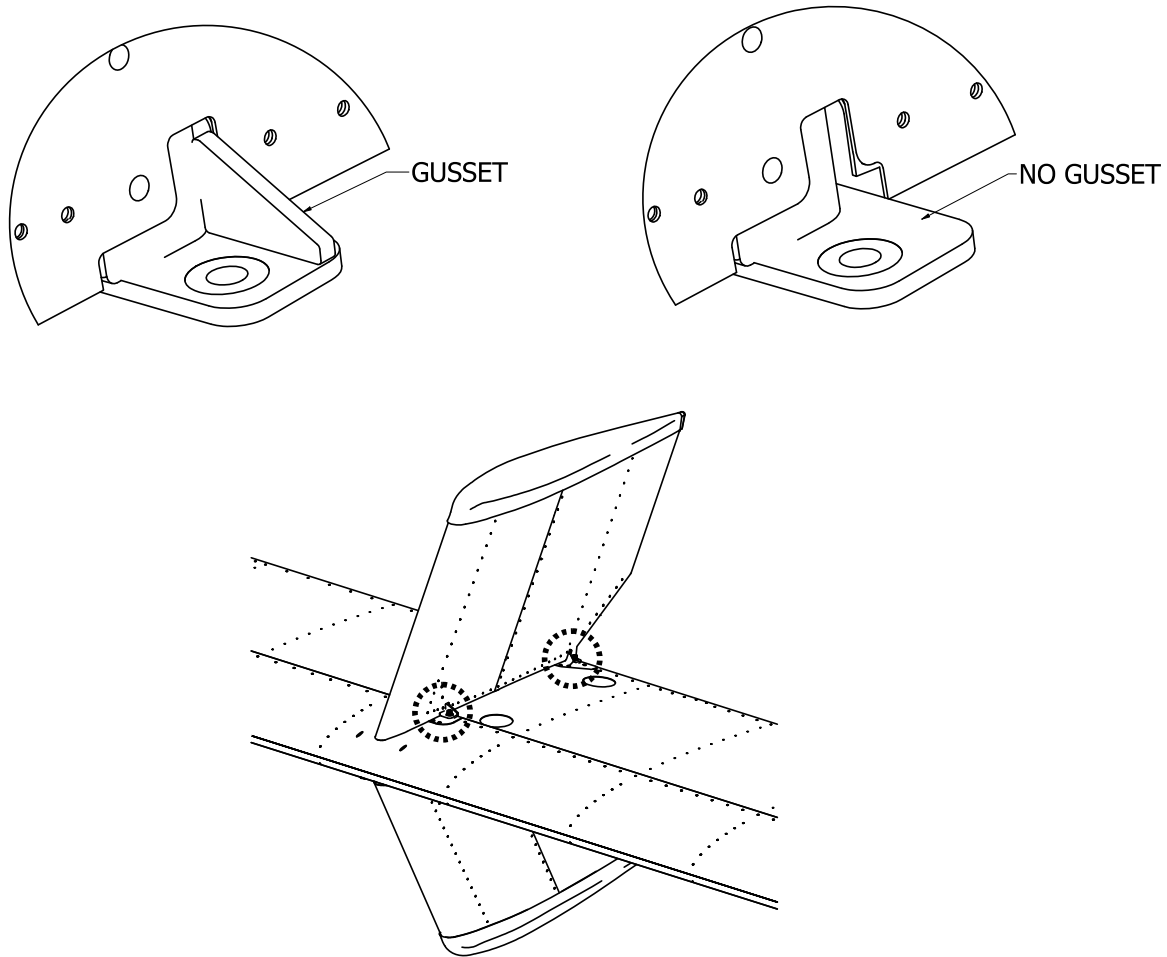
-02 CONFIG  
TALL-SHORT



-03 CONFIG  
TALL-TALL

| PARTS LIST BY CONFIGURATION (ORDER INDIVIDUALLY AS NEEDED) |      |      |      |              |                                       |
|------------------------------------------------------------|------|------|------|--------------|---------------------------------------|
| ITEM                                                       | -01  | -02  | -03  | PART NUMBER  | DESCRIPTION                           |
| 1                                                          | 4    | 2    | 0    | 10A12000-071 | ASSEMBLY, FINLET, AT802               |
| 2                                                          | 0    | 2    | 4    | 1003204      | ASSEMBLY, FINLET, TALL, AT802*        |
| 3                                                          | 16   | 16   | 16   | MS21042-4    | NUT, SELF LOCKING, 450DEG, 1/4-28 UNF |
| 4                                                          | 20FT | 20FT | 20FT | S2145-1      | CHANNEL, RUBBER, 5/8                  |

\*Finlet struts not included



**Figure 1**

## Work Instructions

1. Position and prepare aircraft for safe maintenance.
2. Inspect all four finlets for mount gussets, checking both forward and aft mounts. See Figure 1. Note that there are finlet mounts with welded gussets and others that are machined from billet material. Both are acceptable. If all (8) finlet mounts include gussets, skip to Aircraft Closing and Return to Service section, otherwise continue to step 3.
3. Remove all finlets which lack gussets at any mount location, removing access covers as needed.
4. Install S2145-1 rubber channel to "bottom" of replacement finlets to create seal against horizontal stabilizer. Attach with 1300L adhesive, or equivalent.
5. Secure finlets to horizontal stabilizer with existing bolts and washers and new self-locking nuts (item 3). Verify that the countersunk washers are placed under the bolt head. Torque to 50-70 in-lb.
6. Reinstall access covers.
7. Drill .250 drain hole in lower finlet caps 20" from trailing edge, on center, as needed.

## Aircraft Closing & Return to Service

1. Upon completion of inspection, enter information in Aircraft Logbook for completion of Wipaire Service Letter 275.