



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

## SERVICE LETTER 285

### FIRE BOSS FWD HYDRAULIC ACCESS

|                                 |                        |                             |                      |
|---------------------------------|------------------------|-----------------------------|----------------------|
| <b>Aircraft Makes/Model(s):</b> | <b>Float Model(s):</b> | <b>Compliance:</b> Optional | <b>By:</b> MAS       |
| Air Tractor                     | 10000A                 | <b>Part Number:</b> 1013260 | <b>Approved:</b> DRH |
| AT-802A & AT-802                |                        | <b>Date:</b> 9/24/2026      | <b>Revision:</b> B   |

#### LOG OF REVISIONS

| Revision | Description                         | Date      |
|----------|-------------------------------------|-----------|
| A        | Initial release                     | 9/1/2026  |
| B        | Removed Work Instructions Option B. | 9/24/2026 |

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 equipped with Wipline 10000 amphibian floats per STC SA01795CH which have hydraulic power packs located at fuselage station 67.88. See Wipaire Service Letter 265 for details and note that this is the current standard hydraulic configuration as of this service letter release.

#### COMPLIANCE:

Compliance is optional.

#### BACKGROUND:

The relocation of the hydraulic power pack to fuselage station 67.88 was originally accompanied by a sight plug installed in the left/lower cockpit side skin panel. The sight plug offered limited visibility and required removal of the full panel in order to access/service the power pack. This service letter describes installing a latched access door in its place.

#### COMPLIANCE METHOD:

As desired based on operational requirements/convenience, install hydraulic access door into the left/lower cockpit side skin panel in accordance with the Work Instructions in this service letter.

#### APPROXIMATE SHOP HOURS:

Modifying the panel and installing the access door will take approximately 5 hours per aircraft.

#### 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).

| PARTS LIST – ORDER PARTS INDIVIDUALLY AS NEEDED (FULL AIRCARFT QTY SHOWN) |     |             |                    |
|---------------------------------------------------------------------------|-----|-------------|--------------------|
| ITEM                                                                      | QTY | PART NUMBER | DESCRIPTION        |
| 1                                                                         | 1   | 1002061     | FRAME, ACCESS DOOR |
| 2                                                                         | 1   | 1002075     | ASS'Y, ACCESS DOOR |

| OEM PARTS* (REFERENCE ONLY. SEE AIR TRACTOR IPM) |     |             |                                 |
|--------------------------------------------------|-----|-------------|---------------------------------|
| ITEM                                             | QTY | PART NUMBER | DESCRIPTION                     |
| 1                                                | 1   | 11922-1     | SKIN, LOWER COCKPIT (LEFT SIDE) |

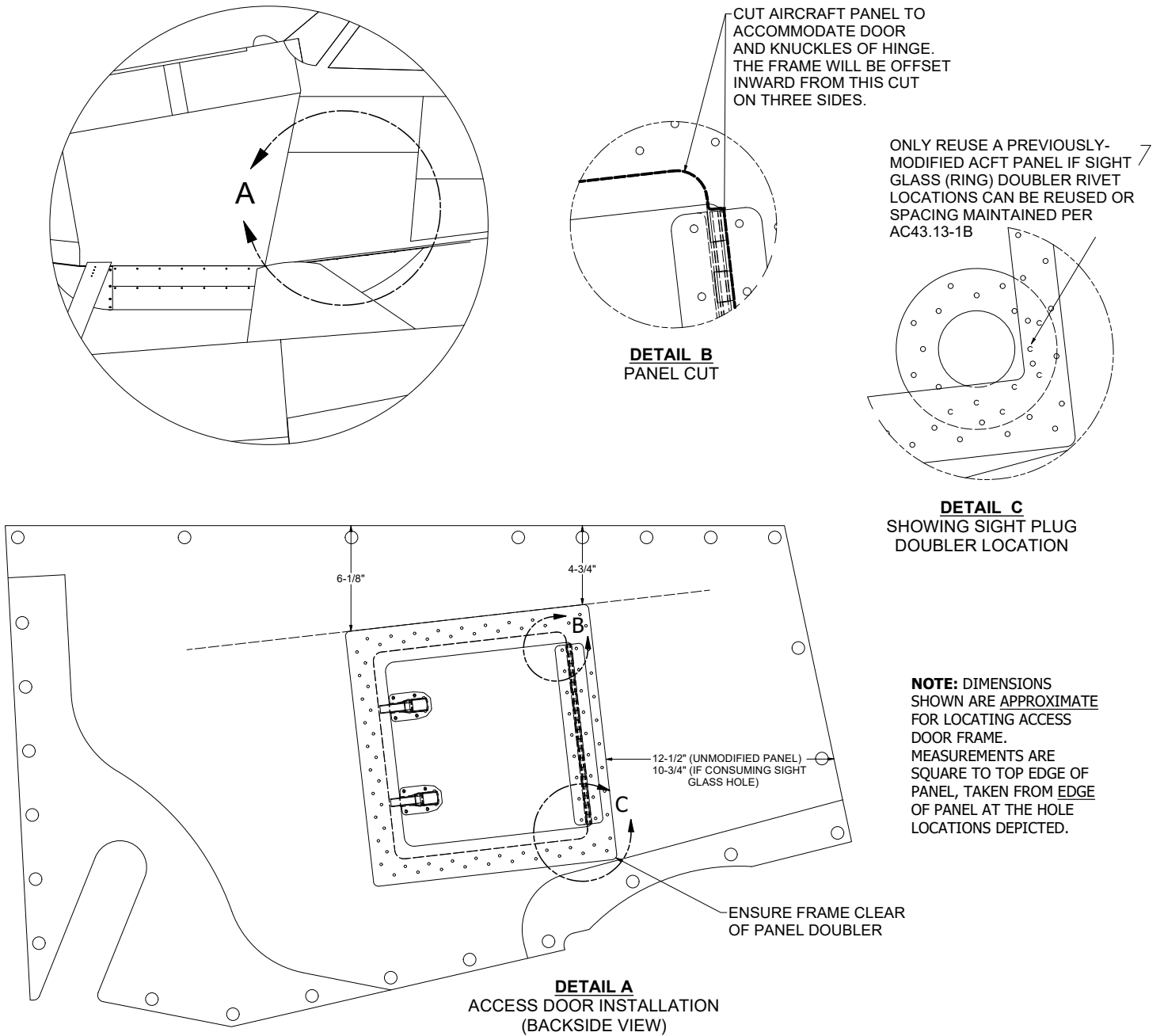
\* Listed parts may not be required depending on existing configuration. Review work instructions to make determination.

## Work Instructions

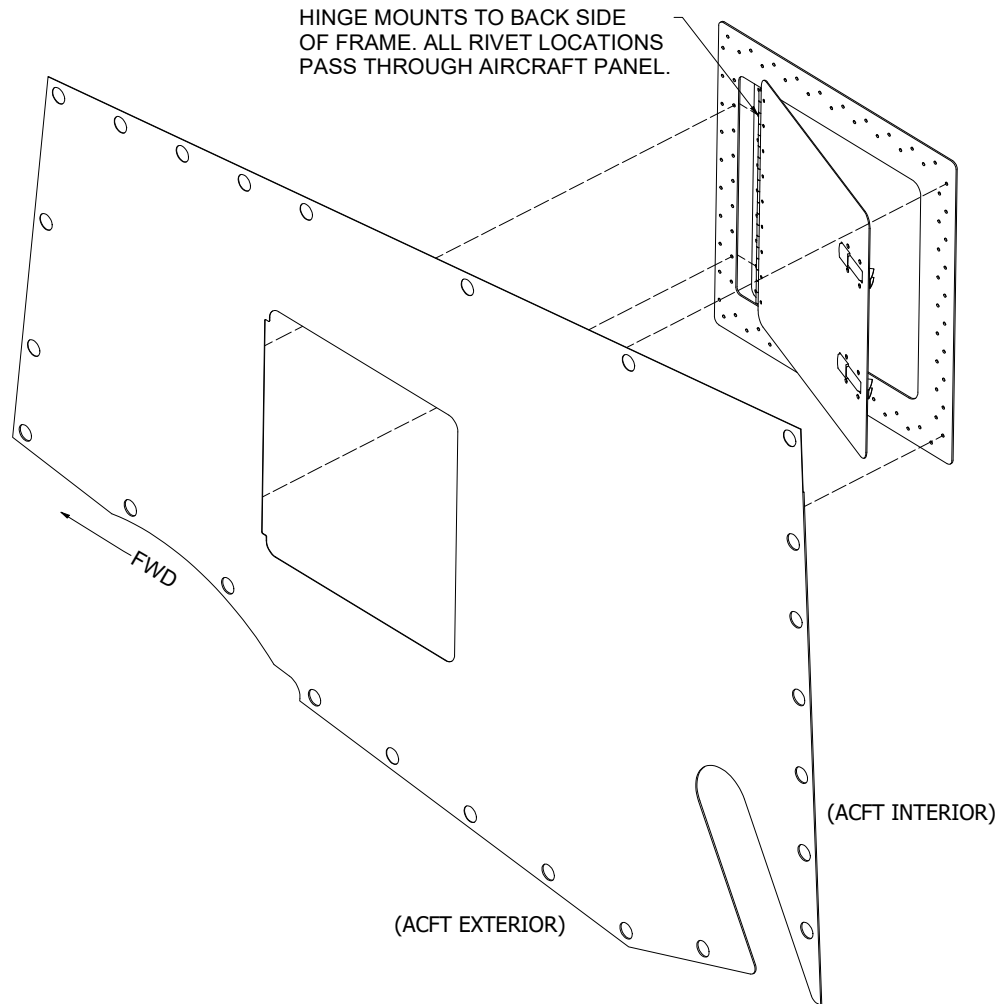
1. Position and prepare aircraft for safe maintenance.
2. Remove left/lower cockpit side skin panel. See Figure 1.

**Note:** If left/lower cockpit side panel has been previously modified for the Wipaire sight plug, a new panel may be required due to conflicting rivet locations. See parts list.

3. Modify aircraft panel:
  - a. Locate access door frame on panel according to the approximate dimensions shown in Figure 1.
    - i. As indicated in Figure 1, a slightly more aft position is preferred for general access reasons but a forward-shifted position is likely needed to consume the sight plug cutout, if present.
    - ii. The narrower edge of the frame mates to the door hinge and is to be located forward on the panel.
    - iii. If reusing an aircraft panel that was previously modified for the Wipaire sight plug, confirm existing rivet locations will not conflict with frame installation – holes may be reused or must maintain proper spacing per AC43.13-1B
  - b. Match drill rivet holes (#4 rivets) into aircraft panel.
  - c. Align access door assembly using hinge rivet locations, then mark the cut to be made in the panel. The cut must accommodate the door plus the knuckles of the hinge. The inner edges of the frame will be offset inward on three sides of this cut.
4. Secure frame and door components with MS20470AD4 rivets.
5. Paint components as needed.
6. Reinstall panel to aircraft.



**Figure 1 – Installation Overview**



**Figure 2 – Exploded View**

## **Aircraft Closing & Return to Service**

1. Upon completion of inspection, enter information in Aircraft Logbook for completion of Wipaire Service Letter 285.