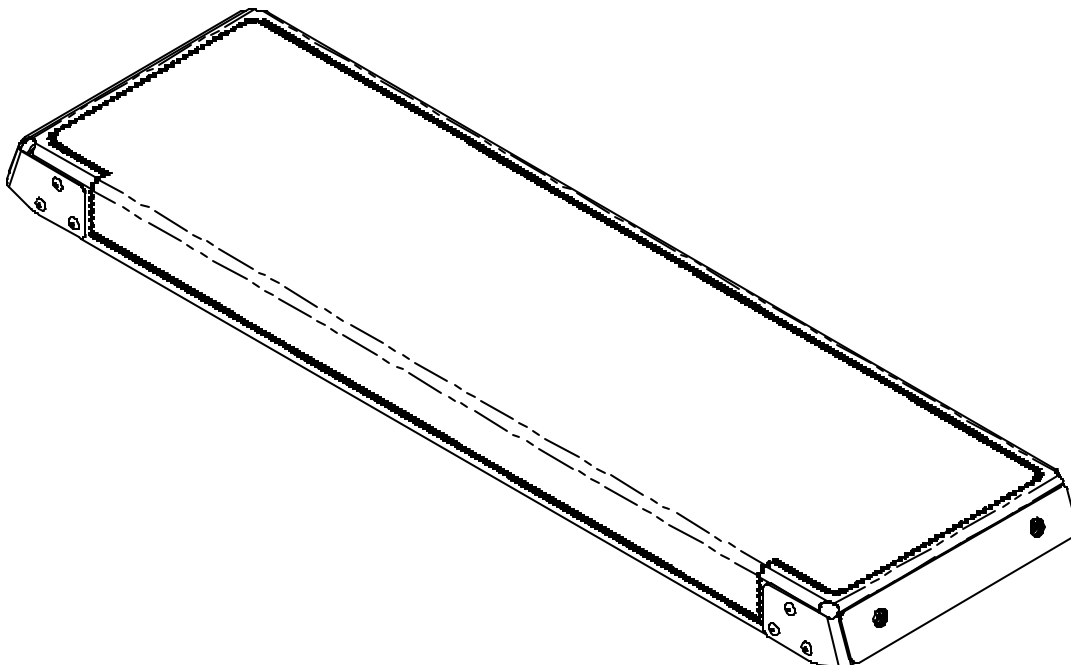




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## **INDUCTION BAFFLE SCREEN INSTALLATION INSTRUCTIONS**

**MODELS: BELL 212, 412, 412CF & 412EP**

Read all of the installation instructions thoroughly  
prior to the installation of this product



## **Weight & Balance**

<u>Part Number</u>	<u>Description</u>	<u>Weight</u>	<u>Long. Arm</u>	<u>Lat. Arm</u>
AAL-253-021-001	Screen, Assy	0.00*	N/A	N/A
		0.00 (Kg)	0.00 (m)	0.00 (m) BL

\* Total increase in weight to aircraft.

## **General Notes**

1. All Installation Instructions shall be accomplished in accordance with (IAW) standard aircraft practices. Refer to the current revision of the FAA manuals AC 43.13-1B and AC 43.13-2A for details on standard aircraft practices.
2. All Hardware shall be torqued to standard aircraft specifications. Refer to the current revision of the FAA manuals AC 43.13-1B and AC 43.13-2A for details on standard torque specifications.
3. All Dimensions are in imperial measures (inches/pounds).
4. Refer to the current revision of the Induction Baffle Screen Illustrated Parts Breakdown for the part numbers of the item(s) referenced within this document.
5. Refer to the current revision of the Induction Baffle Screen Maintenance Manual Supplement for instructions on continuing airworthiness for the item(s) referenced within this document.
6. Alpine Aerotech Ltd. shall make any subsequent revisions of this document available upon request.

## **Installation Notes**

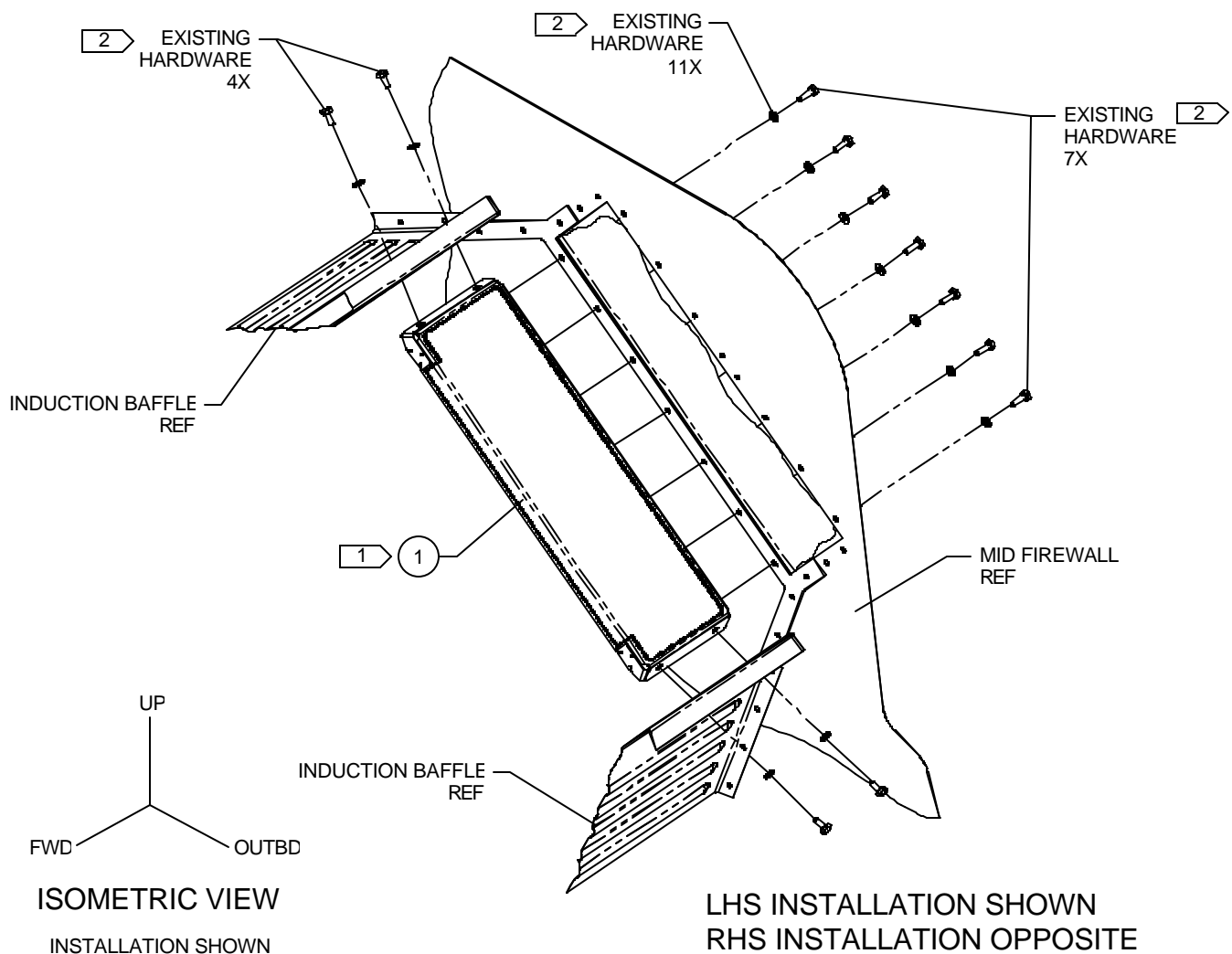
- 1 Apply Sealant (Item 2) to bend reliefs in Screen, Assy (Item 1) after installation.
- 1 Remove and discard existing aircraft item. Existing aircraft item shall not be used as an alternate.
- 2 Reuse existing aircraft item.



## Installation Instructions

1. All Installation Instructions within this document apply to a LHS installation only. RHS installations are opposite.
2. Gain access to the existing Screen.
3. Temporarily remove the existing hardware common to the existing Screen. Reference Figure 1 and Step 6.

**CAUTION: Do NOT allow existing Screen to fall into Induction Baffle.**

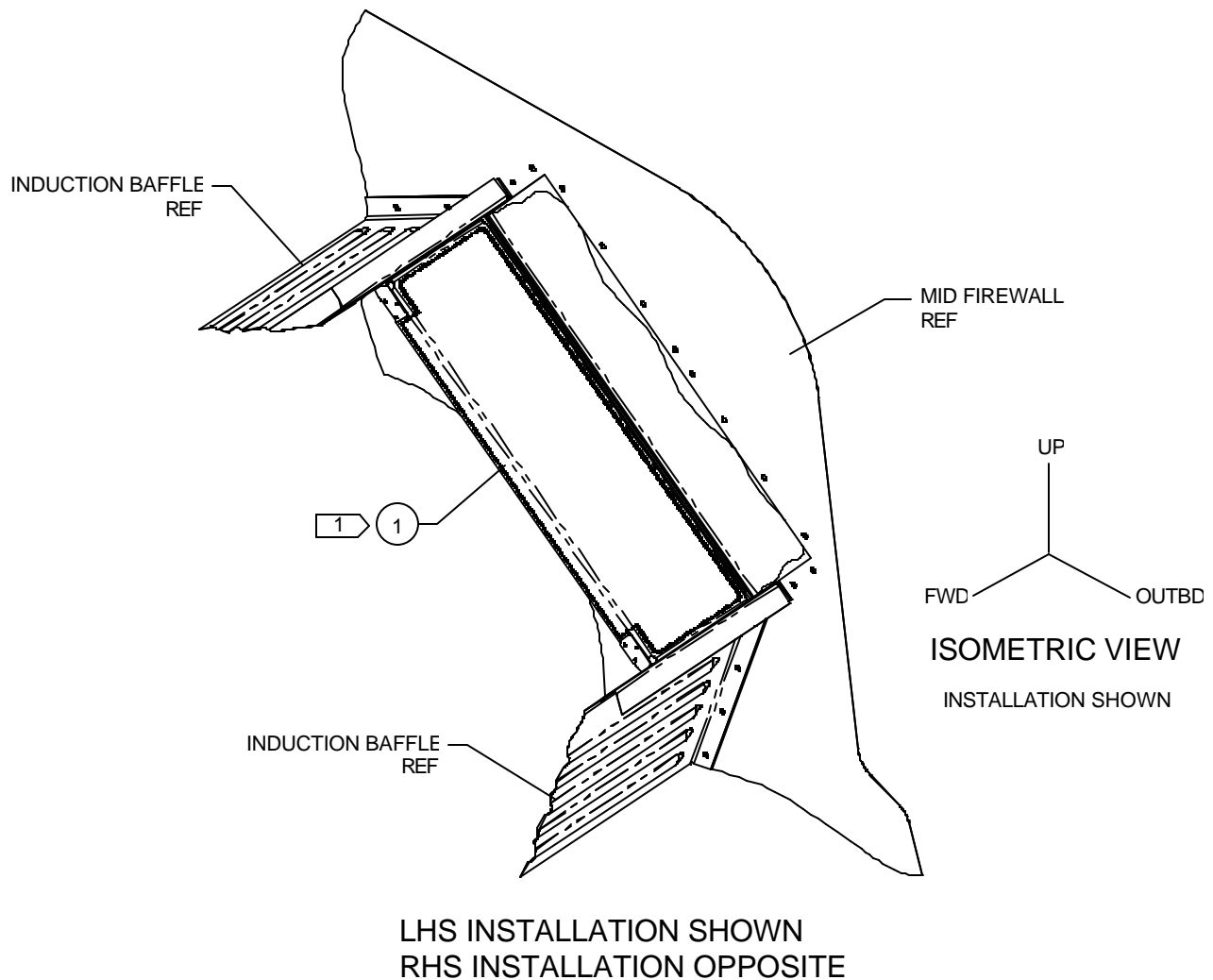


**Figure 1**



## **Installation Instructions**

4. Remove and discard the existing Screen. Reference Figures 1 & 2.
5. Prepare the Induction Baffle and Mid Firewall by removing any residual gasket material, dirt, etc. and wipe the mating surfaces clean. Reference Figure 1.
6. Install the Screen, Assy (Item 1) in the Induction Baffle using the existing hardware as shown. Reference Figures 1 & 2 and Step 3.



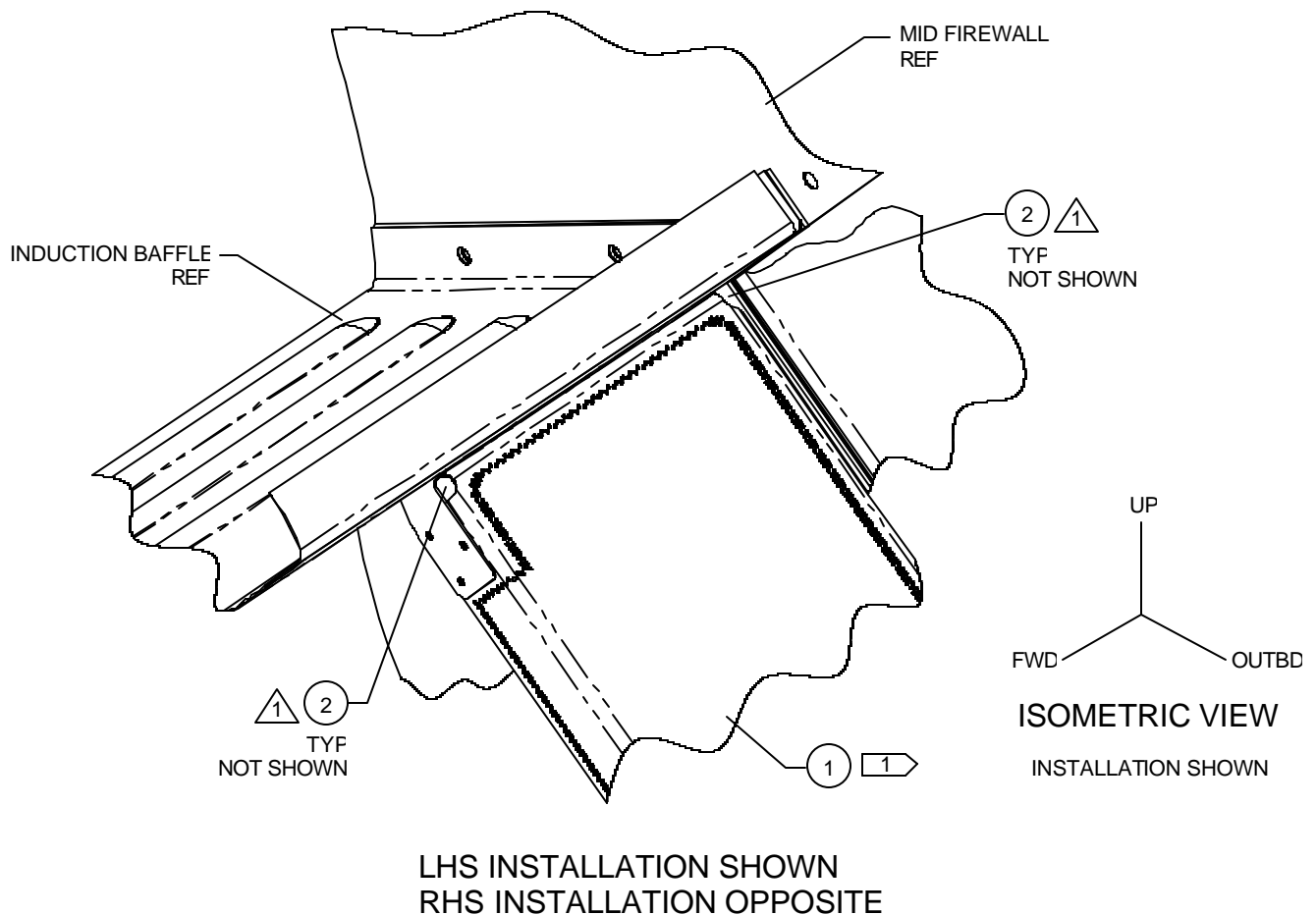
**Figure 2**



## Installation Instructions

7. Apply Sealant (Item 2) in each of the bend reliefs of the Screen, Assy (Item 1).  
Reference Figure 3.

**CAUTION:** Ensure proper adhesion to prevent dislodging of Sealant.



**Figure 3**

8. Installation complete.
9. Perform a General Inspection of all items to ensure proper installation.
10. Update the aircraft logbook for the installation of the Screen, Assy (Item 1).