

ILLUSTRATED PARTS CATALOG



INLET BARRIER FILTER SYSTEM BELL 206L SERIES

RECORD OF REVISIONS

REV	DATE	DESCRIPTION	PREPARED	APPROVED
NC	13-NOV-2020	Initial Release	E. Griner	B. Kellogg
A	01-DEC-2020	§2 and §3: Added parts §4: Clarified figure labels and corrected part numbers	B. Vinson	B. Kellogg

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1 INTRODUCTION

1.1 Scope

This document provides information to assist with the identification of parts and assemblies for the Aerometals 1206IN2-2600 IBF Installation on Bell 206L Series helicopters in accordance with FAA STC SR00180SE.

1.2 Distribution of Changes

It is the responsibility of the user of this document to verify that this is the latest revision released by Aerometals. The current revisions of this document and documents referenced herein are available on the website www.aerometals.aero. Copies of this document may also be obtained by contacting Aerometals using one of the methods listed below.

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1.3 Indication of Changes

When a new revision is received, the previous revision in its entirety should be discarded. Ensure that all pages of the document are marked as the latest revision. Changes since the last revision will be summarized in the Record of Revisions and indicated by a vertical bar on the right side of the page.

2 FILTER SYSTEM INSTALLATION

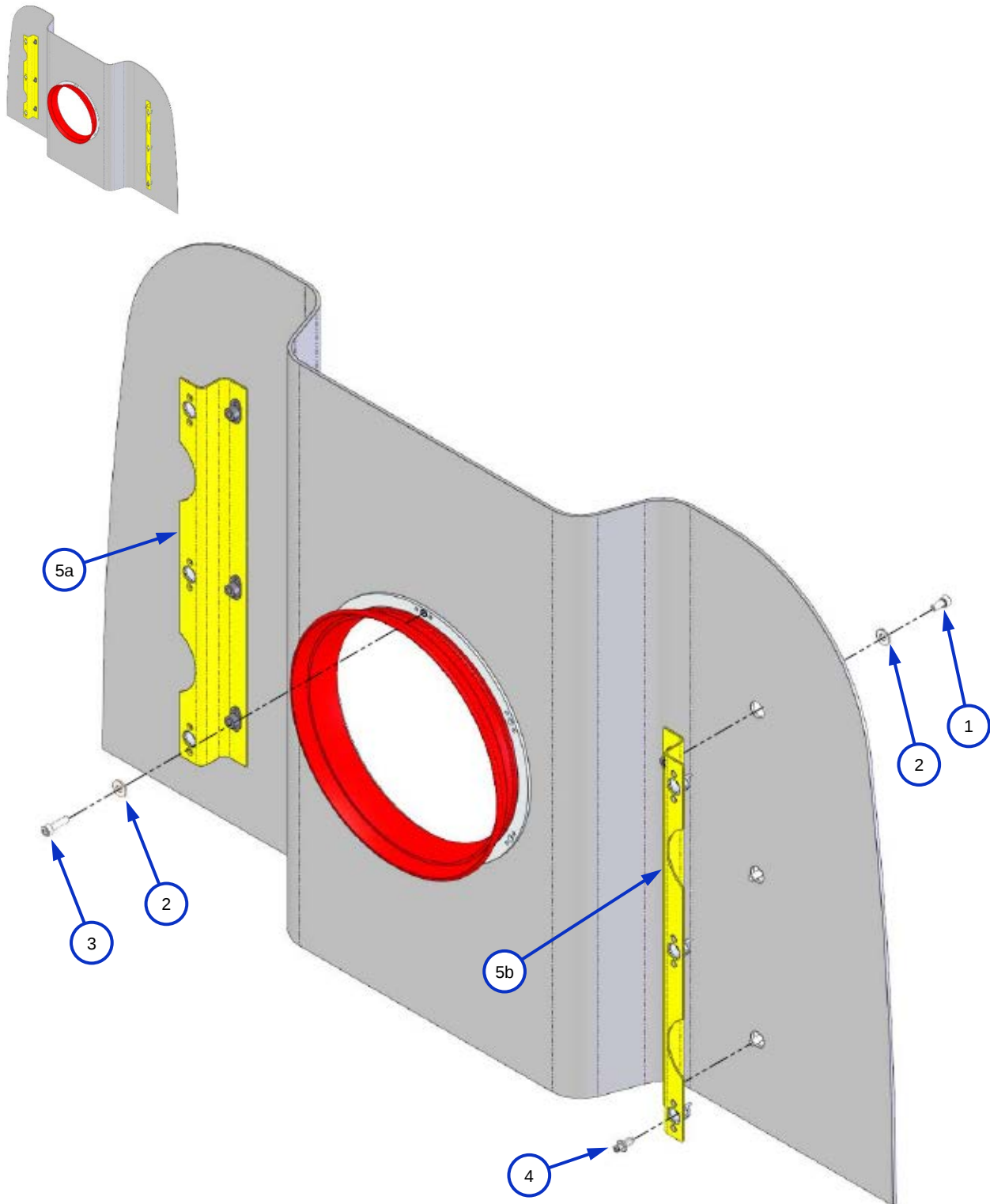


Figure 2-1: FIREWALL MOUNT ASSEMBLY

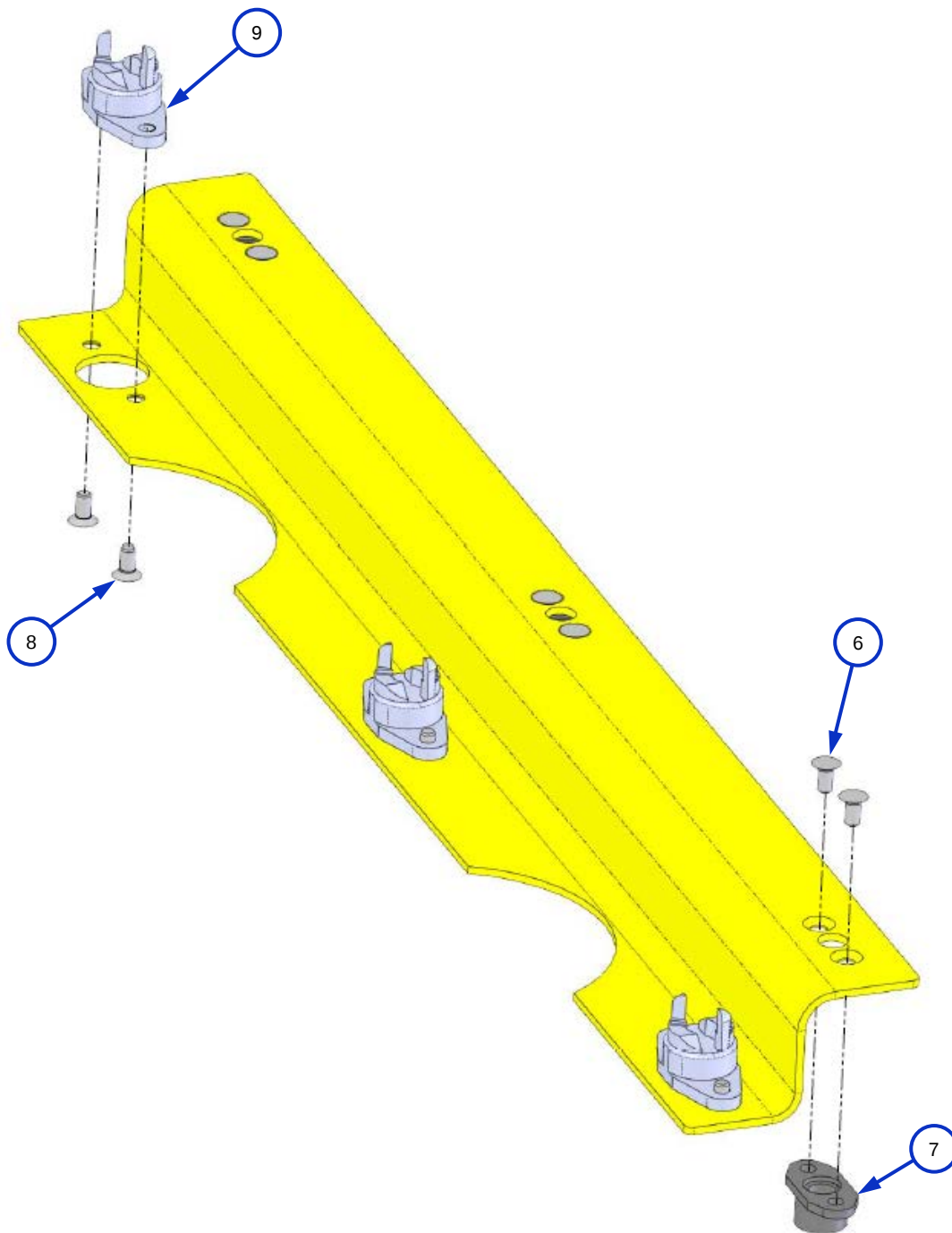


Figure 2-2: MOUNTING BRACKET ASSY, 1206A6-270L/R

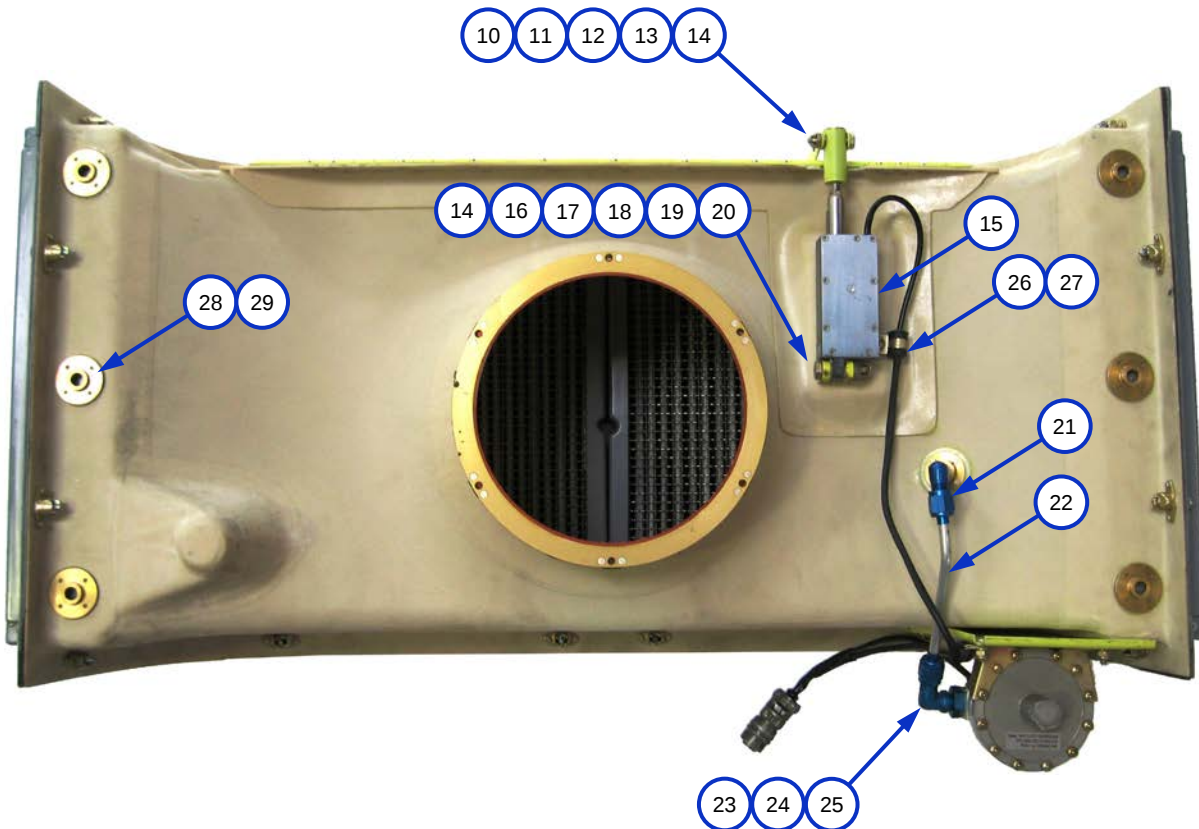


Figure 2-3: MAIN FILTER SYSTEM ASSY FRONT VIEW

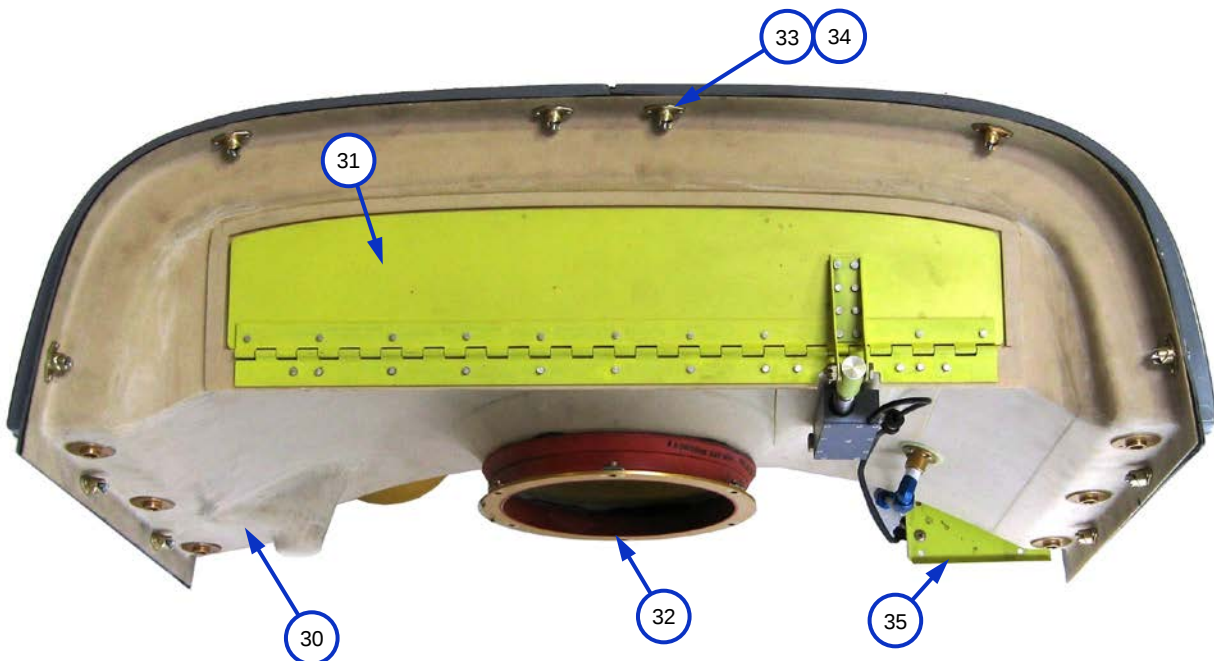


Figure 2-4: MAIN FILTER SYSTEM ASSY TOP VIEW

FIG NO.	ITEM	PART NUMBER	ITEM NAME	QTY.
		1206IN2-2600	FILTER SYSTEM INSTALLATION	
2-1	1	MS16995-25	CAP SCREW	6
2-1	2	AN960C8L	WASHER	12
2-1	3	MS16995-27	CAP SCREW	6
2-1	4	2700-9S	STUD	6
2-1	5a	1206A6-270R	MOUNTING BRACKET ASSY	1
2-1, 2-2	5b	1206A6-270L	MOUNTING BRACKET ASSY	1
2-2	6	MS20426AD3-4	• RIVET	6
2-2	7	MS21076-08	• NUTPLATE	3
2-2	8	MS20426AD3-4-5	• RIVET	6
2-2	9	212-12N	• RECEPTACLE	3
2-3, 2-4		1206A1-2500	MAIN FILTER SYSTEM ASSY	
2-3	10	1206P4-522-1	• SPRING CARTIDGE ASSY	1
2-3	11	AN3-10	• BOLT	1
2-3	12	NAS1149D0332K	• WASHER	1
2-3	13	AN310-3	• NUT	1
2-3	14	MS24665-132	• COTTER PIN	2
2-3	15	1206A4-A2520	• ACTUATOR ASSY	1
2-3	16	AN310-4	• NUT	1
2-3	17	AN4-11	• BOLT	1
2-3	18	NAS1149D0463K	• WASHER	3
2-3	19	1206P4-56-1	• ACTUATOR BRACKET	1
2-3	20	MS24694-S48	• SCREW	2
2-3	21	AN822-4D	• 90° ELBOW	1
2-3	22	1206P5-2532	• TUBE ASSY	1
2-3	23	MS28778-4	• O-RING	1
2-3	24	AN924-4D	• NUT	1
2-3	25	AN833-4D	• 90° FITTING	1
2-3	26	MS21919WDG3	• CLAMP	1
2-3	27	MS27039-1-07	• SCREW	1
2-3	28	1206P3-275	• MOUNTING BOSS	6
2-3	29	MS20426A3-4	• RIVET	24
2-4	30	1206A3-2510	• DUCT ASSY	1
2-4	31	1206A5-2515	• ALTERNATE AIR DOOR ASSY	1
2-4	32	1206A9-2556	• SEAL RING ASSY	1
2-4	33	212-12N	• RECEPTACLE	16
2-4	34	MS20426AD3-4-5	• RIVET	32
2-4	35		• DPS INSTALLATION	(1) 1

(1) See Section 4 for further breakdown

3 FILTER ELEMENTS

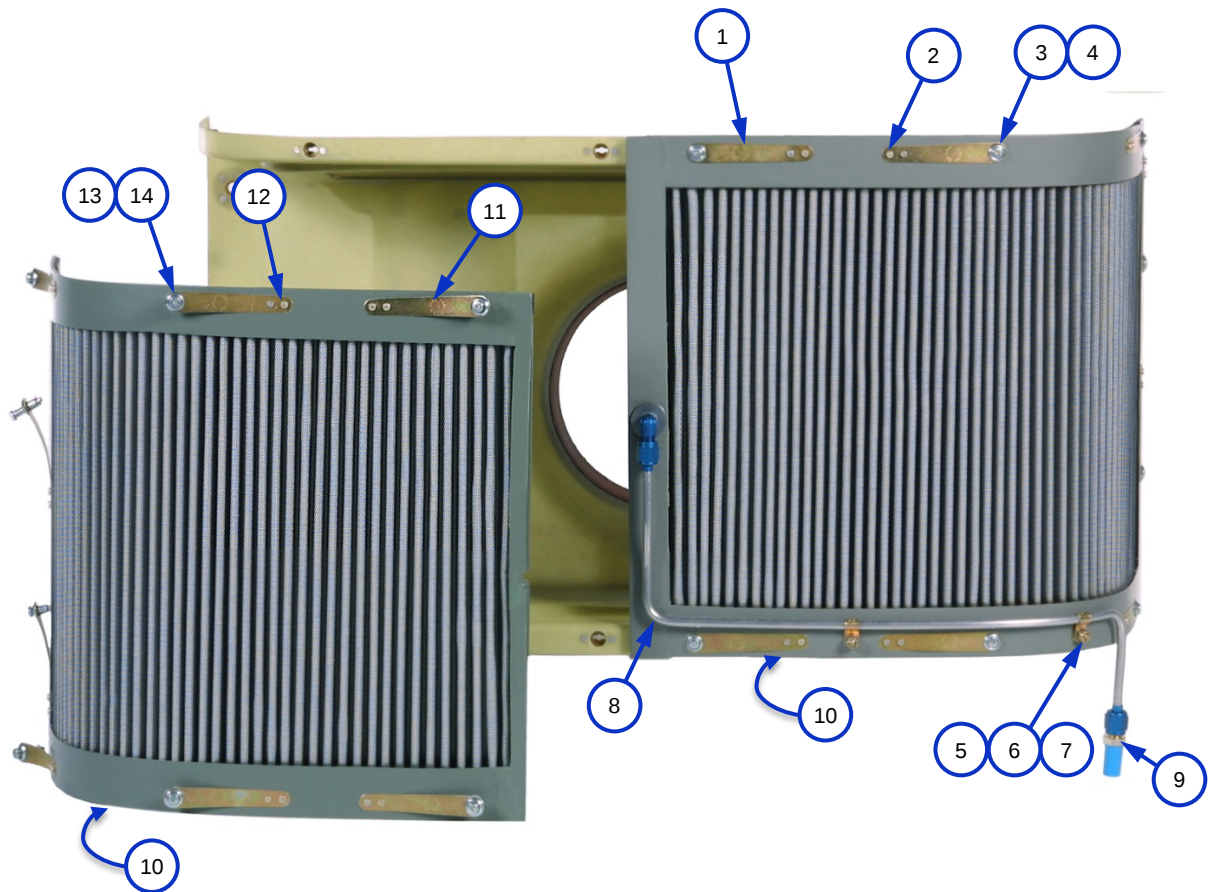


Figure 3-1: FILTER ELEMENT ASSEMBLIES

FIG NO.	ITEM	PART NUMBER	ITEM NAME	QTY.
3-1		1206A2-2540L	FILTER ELEMENT ASSY	
3-1	1	2600-ES	• SPRING	8
3-1	2	MS20426A4-4-5	• RIVET	16
3-1	3	26S8-8	• STUD	8
3-1	4	2600-LW	• RETAINING RING	8
3-1	5	AN742-4	• CLAMP	2
3-1	6	MS24693S50	• SCREW	2
3-1	7	MS21042L08	• NUT	2
3-1	8	1206P6-2542	• WATER WASH TUBE ASSY	1
3-1	9	A525-1	• • QUICK DISCONNECT FITTING	1
3-1	10	4718	• SEAL STRIP	A/R
3-1		1206A2-2540R	FILTER ELEMENT ASSY	
3-1	11	2600-ES	• SPRING	8
3-1	12	MS20426A4-4-5	• RIVET	16
3-1	13	26S8-8	• STUD	8
3-1	14	2600-LW	• RETAINING RING	8

4 ELECTRICAL SYSTEM

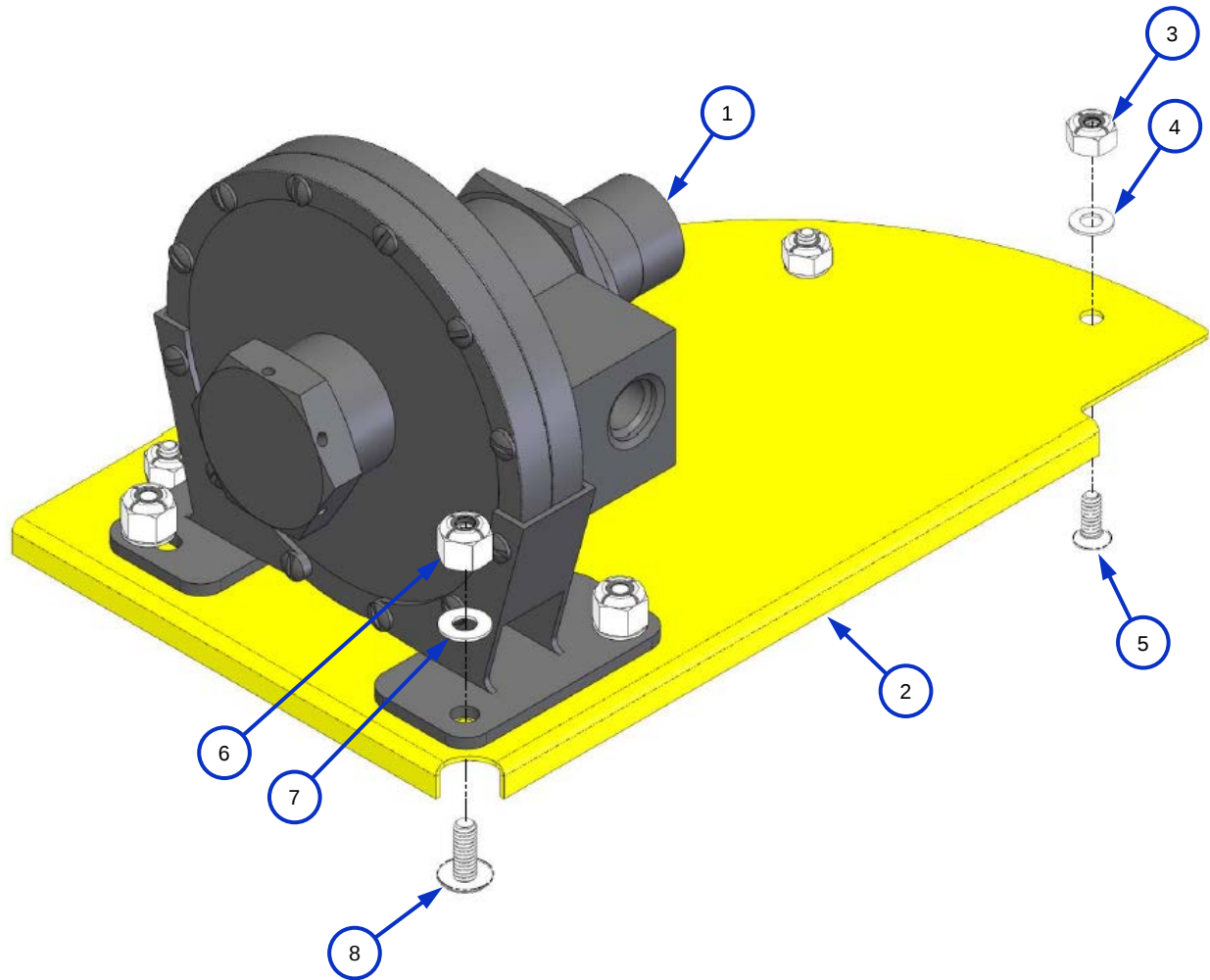
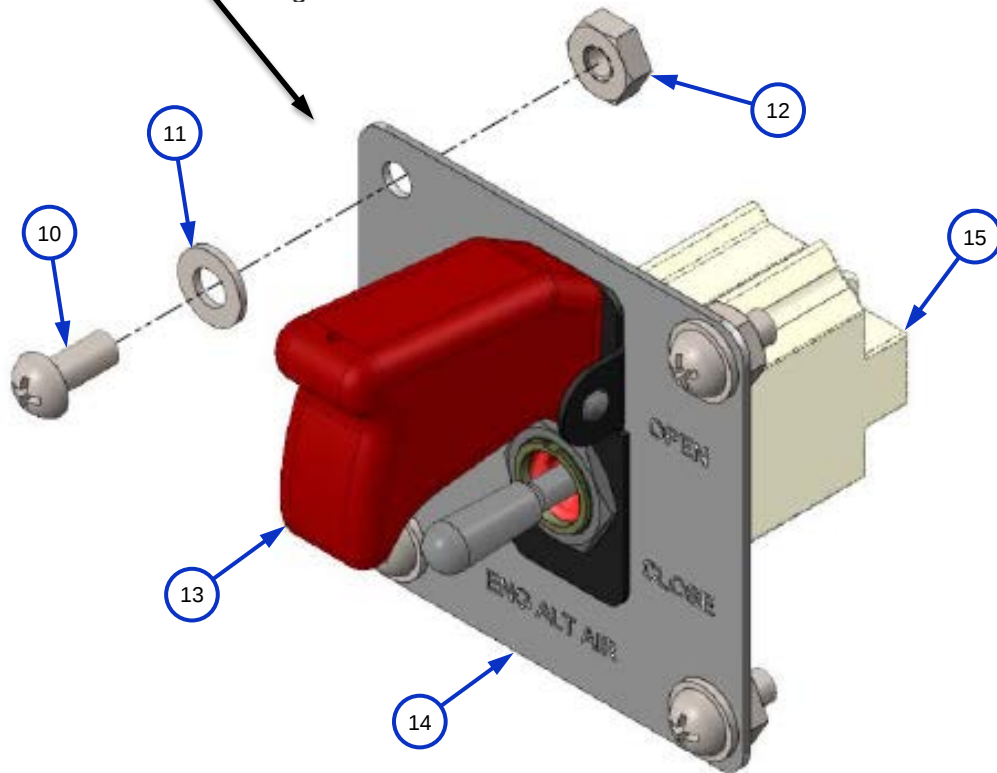
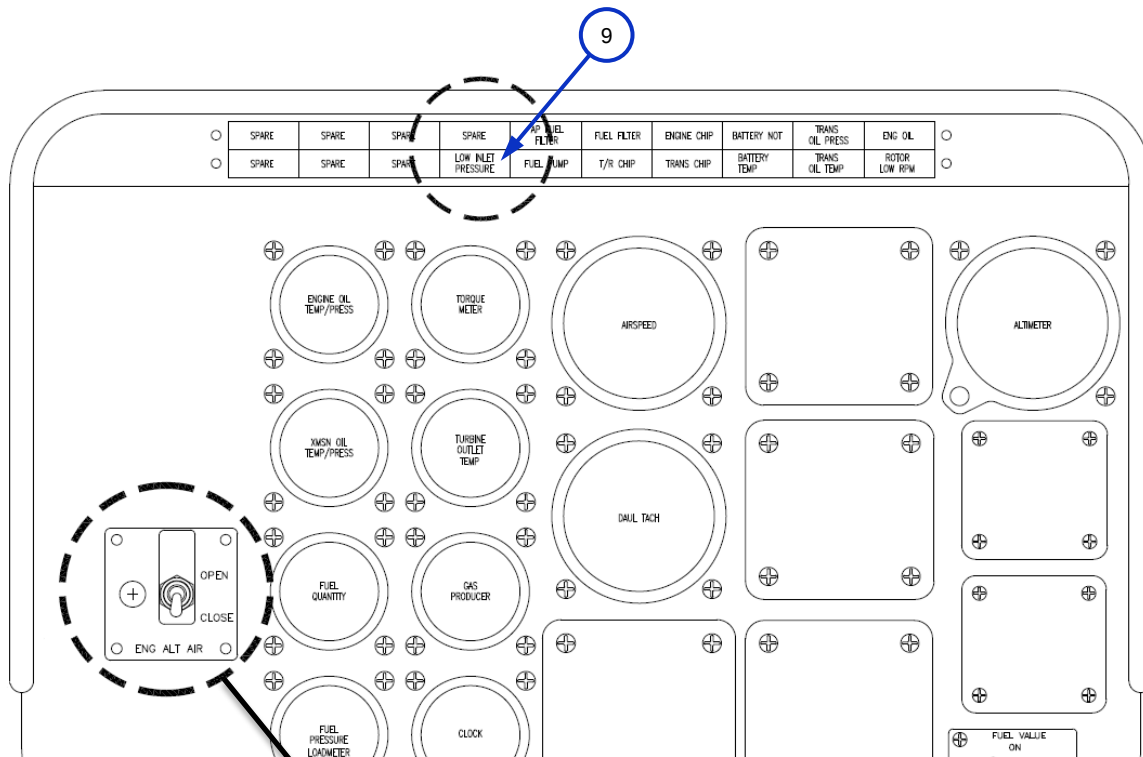


Figure 4-1: DPS INSTALLATION



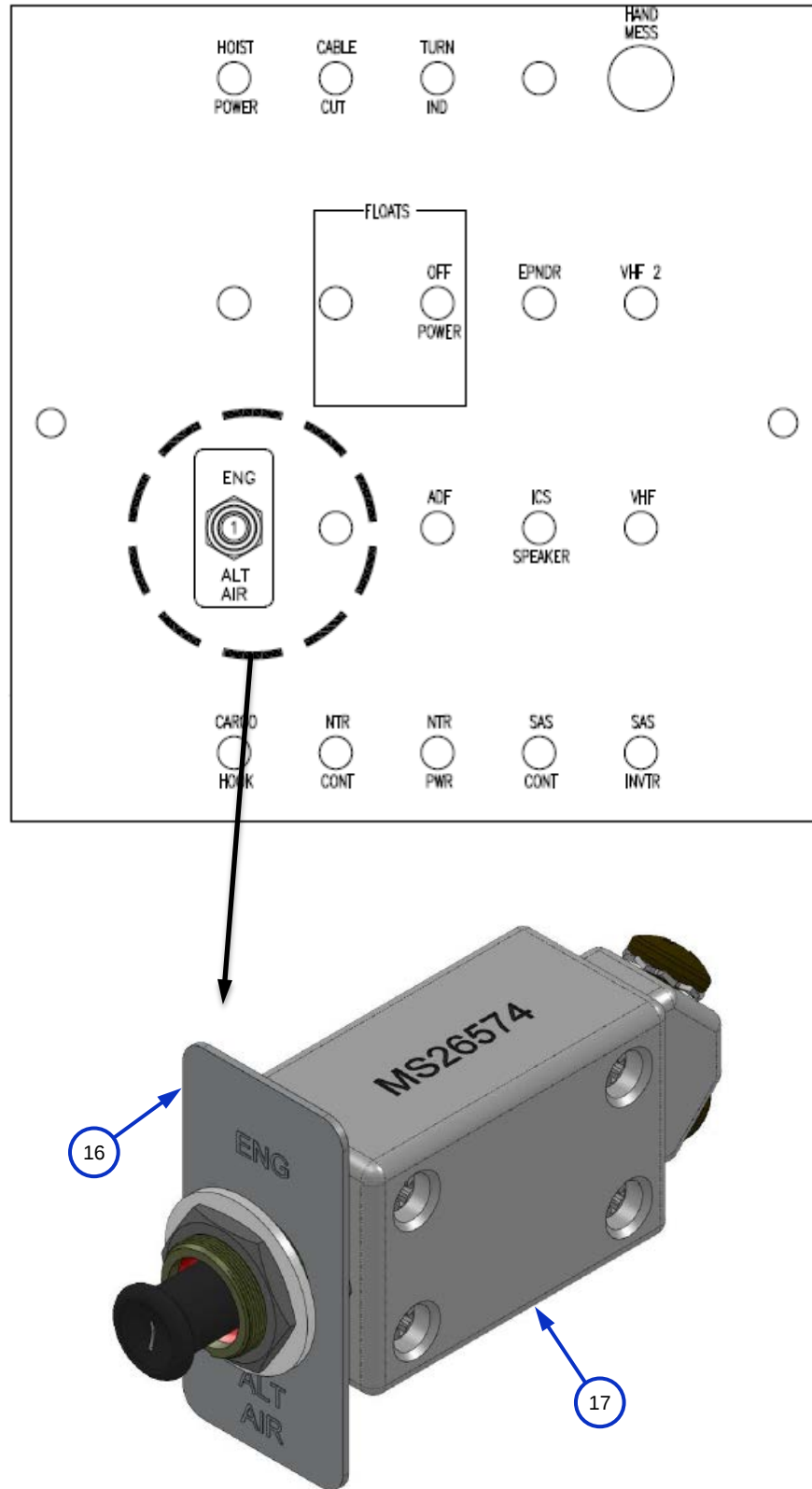


Figure 4-4: CIRCUIT BREAKER INSTALLATION (ON OVERHEAD PANEL)

FIG NO.	ITEM	PART NUMBER	ITEM NAME	QTY.
4-1			DPS INSTALLATION	
4-1	1	A486-3	• DIFFERENTIAL PRESSURE SWITCH	1
4-1	2	1206P5-281	• MOUNTING PLATE	1
4-1	3	MS21044N06	• LOCK NUT	5
4-1	4	NAS1149FN616P	• WASHER	5
4-1	5	MS24693-S27	• SCREW	5
4-1	6	MS21044N08	• LOCK NUT	3
4-1	7	NAS1149FN832P	• WASHER	3
4-1	8	AN525-832R7	• SCREW	3
4-2			ANNUNCIATOR INSTALLATION	
4-2	9	1206P7-117	• OVERLAY	1
4-3			SWITCH INSTALLATION	
4-3	10	MS35214-40	• BRASS SCREW	4
4-3	11	AN960PD8L	• WASHER	4
4-3	12	MS21083N08	• LOCK NUT	4
4-3	13	MS25224-1	• SWITCH GUARD	1
4-3	14	1206P7-131	• SWITCH PANEL	1
4-3	15	MS35059-23	• SWITCH	1
4-4			CIRCUIT BREAKER INSTALLATION	
4-4	16	1206P7-132	• CIRCUIT BREAKER BEZEL	1
4-4	17	MS26574-1	• CIRCUIT BREAKER	1