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Illustrated Parts Catalog

Eagle Single

B212

IPC-D212-725

Revision 4

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Revision Record

Rev	Date	Description of Revision
0	June 06, 2011	Initial Release.
1	June 20, 2012	Revised Chapters 28, 53, 71, and 95
2	March 18, 2023	Effectivity corrected in Chapter 53. Instrument configuration updated for MSNs 30576 & 30931 in Chapter 95.
3	September 01, 2023	Incorporated ECN-212-011 Rev. A. Chapter 95 Item 13 alternate added.
4	December 15, 2023	Updated format and revised information throughout.

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CHAPTER 01

INTRODUCTION

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1. Introduction

Caution:

THIS IPC IS FOR USE IN THE ORDERING OF SPARES AND REPAIR PARTS AND IS NOT INTENDED FOR USE AS A CONFIGURATION CONTROL DOCUMENT OR MAINTENANCE AND INSPECTION CRITERIA MANUAL. ITS SOLE PURPOSE IS FOR THE IDENTIFICATION AND ORDERING OF SPARES.

The figures contained in the IPC portion of this publication consist of an illustration and text page. Illustrations are in exploded form and are arranged in a manner to depict the relationship of the parts listed on the text page. Guidelines are used to further clarify this relationship. Parts outlined by “phantom” lines are shown merely to relate detail parts to assemblies or systems.

2. Use of this Manual

2.1. General

This publication applies to the Bell Model 212 helicopters that have been modified per STC SH07-28 (Eagle Single) and lists all the parts considered necessary for maintenance or repair of this modified helicopter. This manual is divided into chapters, so the user shall refer to the IPC Table of Contents in Chapter 01, and then refer to the Table of Contents at the beginning of the desired chapter to locate the specific subject.

This manual shall be used in conjunction with the Bell 212 Illustrated Parts Catalogue. Where no change exists in a specific area the user is asked to reference the Bell IPC. This publication is intended only to supply partial information as it applies to the Bell 212 helicopters modified per TCCA STC SH07-28 (Ref. FAA STC SR002831NY).

2.2. Updates

The latest revision of this manual is available at www.eaglecopters.com. All changes will be recorded in the Revision Record at the front of this manual.

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D212-725-1-003	New Part
D212-725-1-004	New Part
D212-725-1-005	New Part
D212-725-1-009	New Part
D212-725-1-011	New Part
D212-725-1-012	New Part
D212-725-1-015	New Part
D212-725-1-017A	New Part
D212-725-1-017B	New Part
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D212-725-1-021	New Part
D212-725-1-023	New Part
D212-725-1-025	New Part
D212-725-1-027	New Part
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D212-725-1-057	New Part
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D212-725-1-063	New Part
D212-725-1-064	New Part
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D212-725-1-066	New Part
D212-725-1-069	New Part
D212-725-1-075	New Part
D212-725-1-077	New Part
D212-725-1-078	New Part
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D212-725-1-080	New Part
D212-725-1-081	New Part
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D212-725-1-084	New Part
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D212-725-1-093	New Part
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D212-725-1-097	New Part
D212-725-1-099	New Part
D212-725-1-101	NAS43DD5-24
D212-725-1-103	New Part
D212-725-1-105	New Part
D212-725-1-107	New Part

Eagle Part Number ^[1]	Bell Part Number
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D212-725-1-110	New Part
D212-725-1-111	New Part
D212-725-1-113	New Part
D212-725-1-114	New Part
D212-725-1-115	New Part
D212-725-1-117	New Part
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D212-725-1-202	New Part
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D212-725-1-207	New Part
D212-725-1-209	New Part
D212-725-1-211	New Part
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Eagle Part Number ^[1]	Bell Part Number
D212-725-1-217	New Part
D212-725-1-219	New Part
D212-725-1-221	New Part
D212-725-1-223	New Part
D212-725-1-225	New Part
D212-725-1-227	New Part
D212-725-1-229	205-032-106-121
D212-725-1-231	New Part
D212-725-1-233	New Part
D212-725-1-235	New Part
D212-725-1-237A	New Part
D212-725-1-237B	New Part
D212-725-1-237C	New Part
D212-725-1-237D	New Part
D212-725-1-237E	New Part
D212-725-1-237F	New Part
D212-725-1-237G	New Part
D212-725-1-237H	New Part
D212-725-1-237J	New Part
D212-725-1-245	205-001-113-001
D212-725-1-247	205-001-113-003
D212-725-1-249	205-061-642-009
D212-725-1-255	212-030-024-001
D212-725-1-257	New Part
D212-725-1-259	New Part
D212-725-1-261	New Part
D212-725-1-263	New Part
D212-725-1-265	New Part
D212-725-1-267	New Part
D212-725-1-269	New Part
D212-725-1-271	New Part
D212-725-1-273	New Part
D212-725-1-275	205-030-713-021
D212-725-1-276	205-030-713-022
D212-725-1-277	205-030-713-007
D212-725-1-279	205-030-713-013
D212-725-1-280	205-030-713-014
D212-725-1-281	205-060-881-001
D212-725-1-901	New Part
D212-725-1-903	New Part
D212-725-1-905	New Part
D212-725-1-907	New Part
D212-725-1-913	New Part
D212-725-1-915	New Part
D212-725-1-917	New Part
D212-725-1-919	New Part
D212-725-1-921	205-061-523-001

Eagle Part Number ^[1]	Bell Part Number
D212-725-1-923	New Part
D212-725-1-925	New Part
D212-725-1-927	New Part
D212-725-1-929	205-060-722-001
D212-725-1-931	205-061-904-001
D212-725-1-933	New Part
D212-725-1-935	205-032-212-001
D212-725-1-937	212-030-321-001
D212-725-1-939	205-060-881-001
D212-725-1-941	New Part
D212-725-1-943	New Part
D212-725-1-945	New Part
D212-725-1-947	New Part
D212-725-1-949	205-030-100-011
D212-725-1-951	205-030-617-181
D212-725-6-001	New Part
D212-725-6-003	New Part
D212-725-6-005	New Part
D212-725-6-007	New Part
D212-725-6-009	New Part
D212-725-6-011	New Part
E212-1009-101	204-060-936-001
E212-1009-103	205-060-910-001
E212-1009-105	205-060-859-001
E212-1009-107	205-060-861-001
E212-1009-109	205-060-912-001
E212-1009-110	205-060-912-002
E212-1009-111	205-060-913-001
E212-1009-113	205-060-917-001
E212-1009-115	205-060-918-001
E212-1009-116	205-060-918-002
E212-1009-117	205-060-918-003
E212-1009-118	205-060-918-004
E212-1009-119	205-060-821-001
E212-1009-121	205-060-821-003
E212-1009-123	205-060-827-001
E212-1010-101	205-061-522-001
E212-1011-101	212-030-156-039
E212-1011-103	212-030-156-133
E212-1011-104	212-030-156-134
E212-1012-101	205-030-163-105
E212-1013-101	205-030-164-105
E212-1014-011	205-030-713-075
E212-1016-101	New Part
E212-3000-041	212-076-338-001
E212-3001-041	205-040-223-001
E212-3001-043	205-040-221-001

01-00-00

Eagle Part Number ^[1]	Bell Part Number
E212-3002-041	205-032-211-001
E212-3002-043	205-061-527-001
E212-3003-041	205-060-585-001

Eagle Part Number ^[1]	Bell Part Number
E212-3003-043	205-061-533-001
E212-3004-041	205-030-195-007
E212-7004-101	New Part

[1] – Eagle STC part numbers may have product improvements that affect fit and function.

01-00-00

Customer Feedback

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Should Read: _____

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Address: _____

Position: _____ Company: _____

Phone: _____ Fax: _____

Email: _____

CHAPTER 08 WEIGHT AND BALANCE

REFER TO BHT-212-IPC

08-00-00

CHAPTER 09 TOWING

REFER TO BHT-212-IPC

09-00-00

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CHAPTER 10 PARKING AND MOORING

REFER TO BHT-212-IPC

10-00-00

CHAPTER 11

PLACARDS

11-00-00

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11-00-00

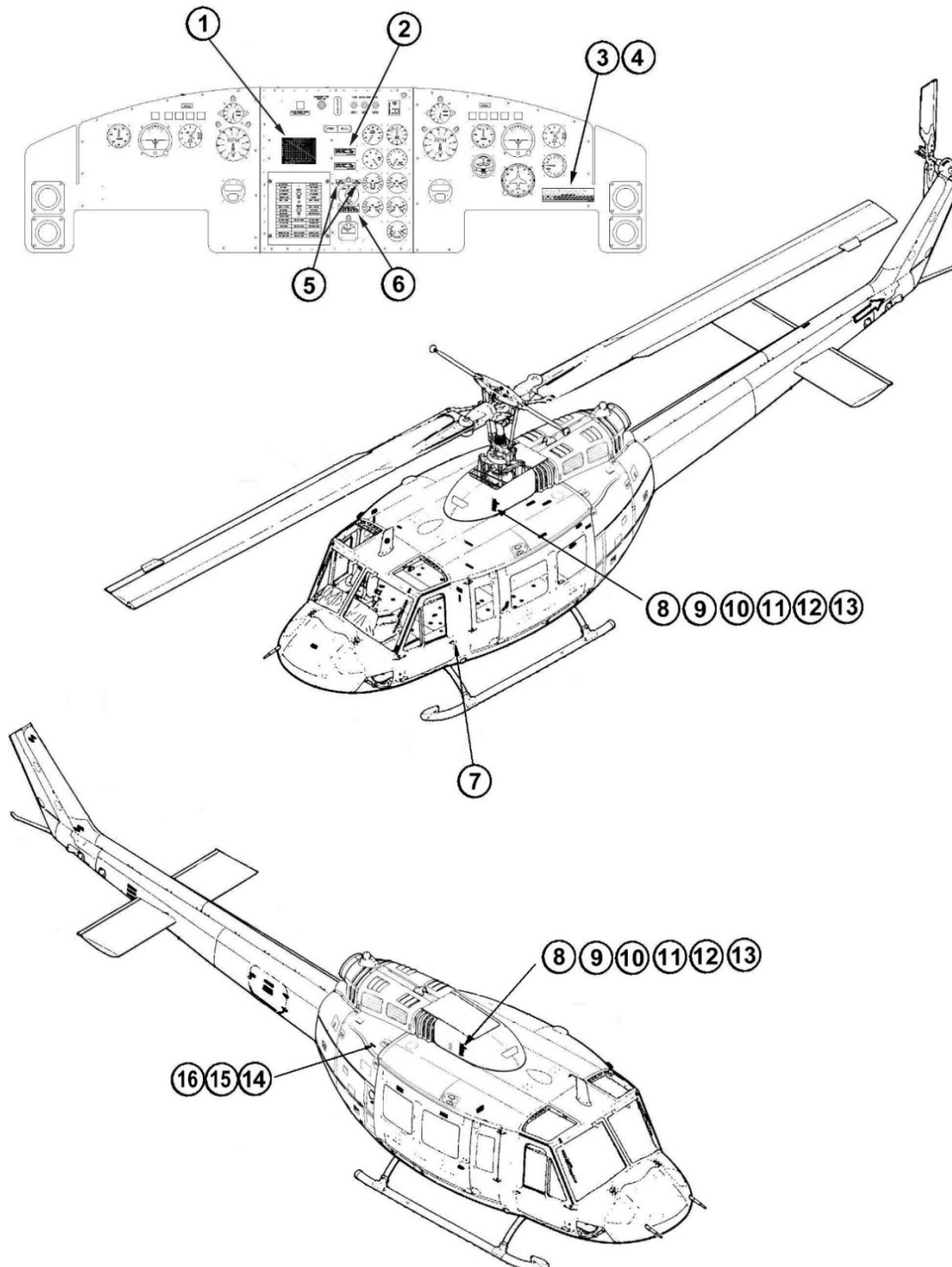


Figure 11-1 – Placards and Markings

11-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 11-1				
1	D212-725-6-007	Placard (Operations Limitations)	1	
2	D212-725-6-003	Placard (Operating Limitations)	1	
3	D212-725-6-005	Placard (EGT VS OAT Limits)	1	
4	D212-725-6-001	Placard (VFR Operations Only)	1	
5	212-070-661-003	Placard (Fuel System Capacity)	2	
6	212-070-661-001	Placard (Fuel System Capacity)	1	
6	D212-725-6-009	Placard (Fuel System Capacity) (Alternate Part)	1	
7	D212-725-6-011	Eagle Single Identification Placard (Alternate Part)	1	
7	E212-7004-101	Eagle Single Identification Placard	1	1
8	31-064-5EFHP	Placard (Approved Lubricants)	2	
9	31-053-3DFHP	Placard (Hydraulic Reservoir Inside)	2	
10	31-054-4DFHP	Placard (Transmission Oil Access)	2	
11	31-054-32DFHP	Placard (Transmission Capacity)	2	
12	205-076-060-103	Placard (Hydraulic System Servicing)	2	
13	205-076-060-101	Placard (Hydraulic System Cleaning)	2	
14	205-070-818-007	Placard (Engine Oil Tank, Oil Ferry Level)	1	
15	205-070-818-009	Placard (Engine Oil Tank, Oil Normal Level)	1	
16	205-070-818-011	Placard (Engine Oil Tank, Oil Minimum Level)	1	

UOC Code

1 – Preferred for new builds and replacements

11-00-00

CHAPTER 21

AIR DISTRIBUTION

21-00-00

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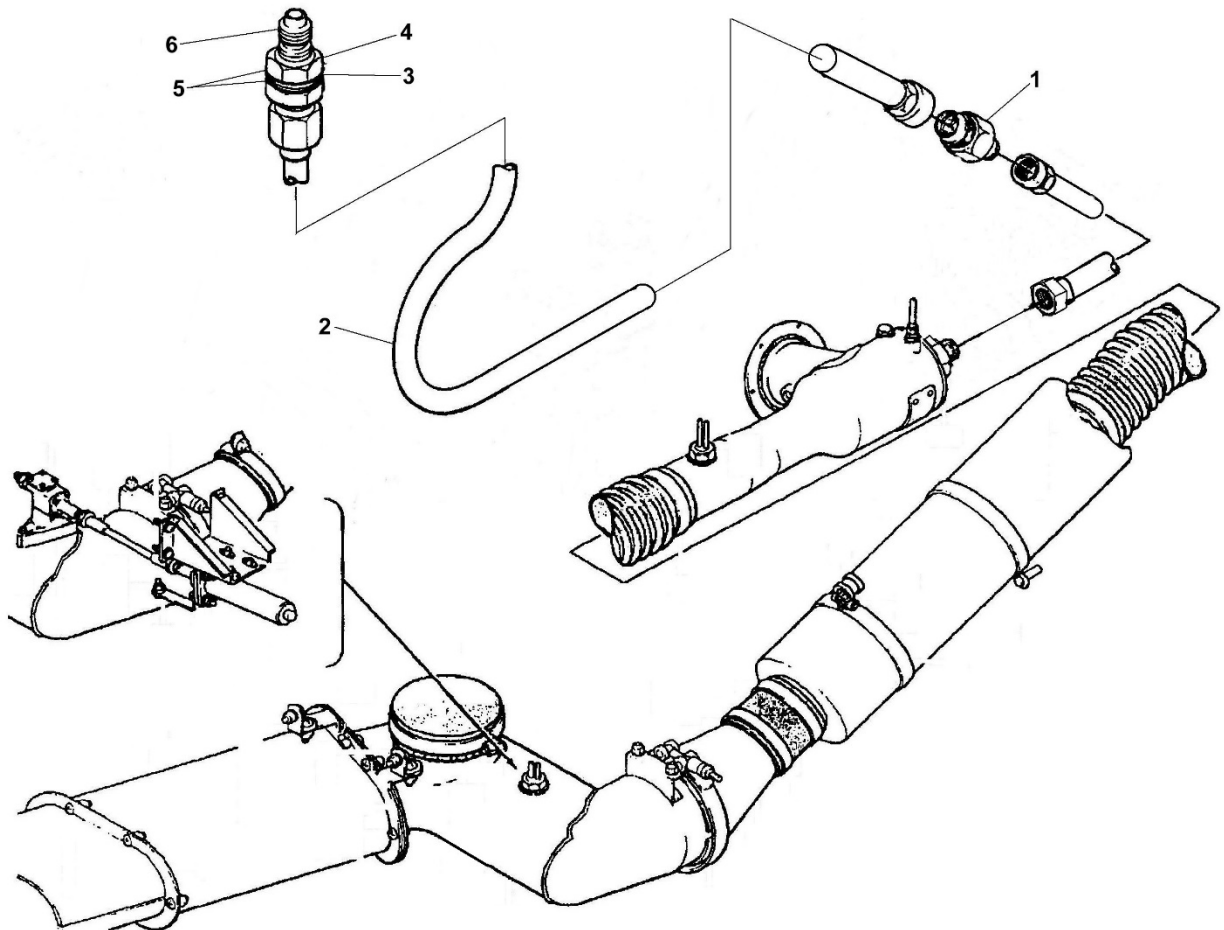


Figure 21-1 – Air Distribution Installation (Heating and Ventilation)

21-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 21-1				
1	AN815-16J	Fitting	1	
2	D212-725-1-905	Tube Assembly	1	
3	NAS1149C2190R	Washer	1	
4	AN924-16J	Nut	1	
5	205-060-438-005	Gasket	2	
6	AN832-16J	Fitting	1	

21-00-00

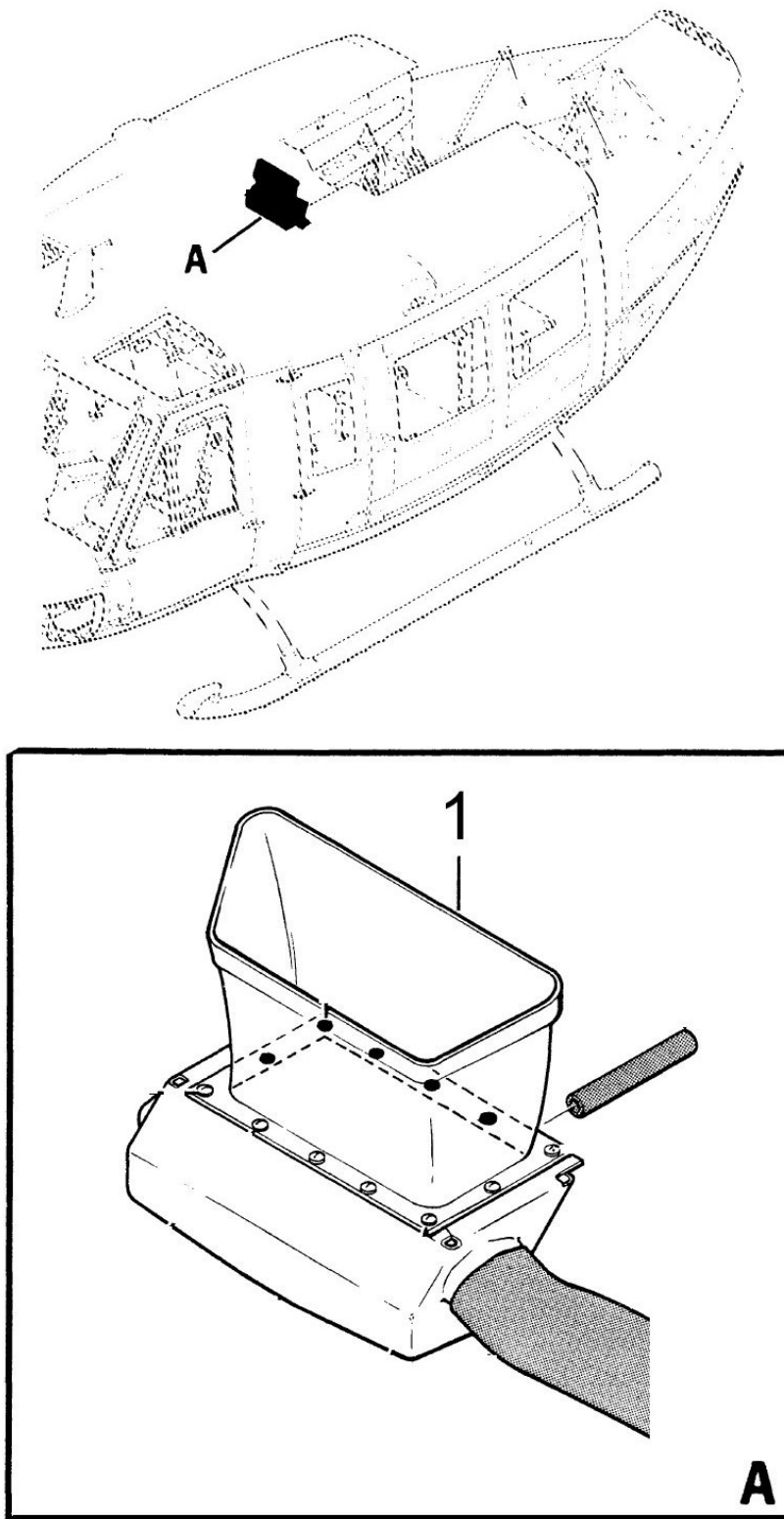


Figure 21-2 – D212-725-1-949 Duct

21-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 21-2				
1	D212-725-1-949	Duct Assembly	1	
1	205-030-100-011	Duct Assembly (Alternate Part)	1	

21-00-00

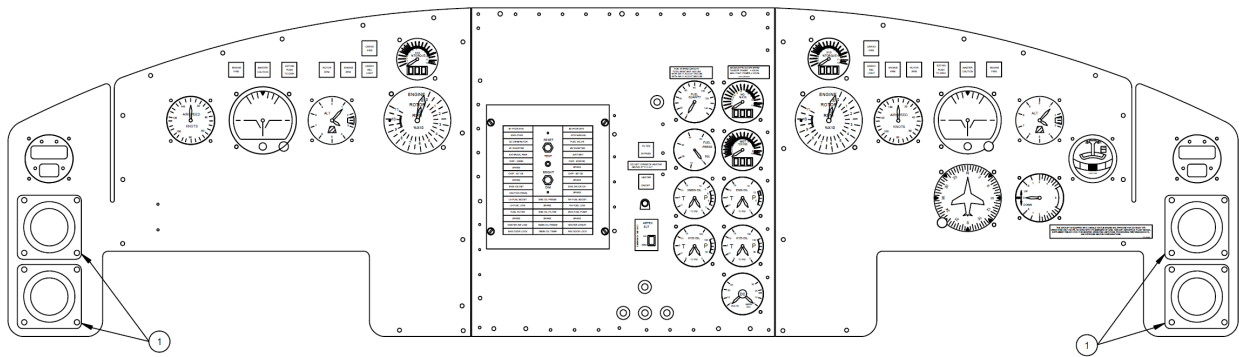


Figure 21-3 – Instrument Panel Air Vents

21-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 21-3				
1	204-070-483-003	Air Vent	4	

21-00-00

CHAPTER 25

EQUIPMENT

25-00-00

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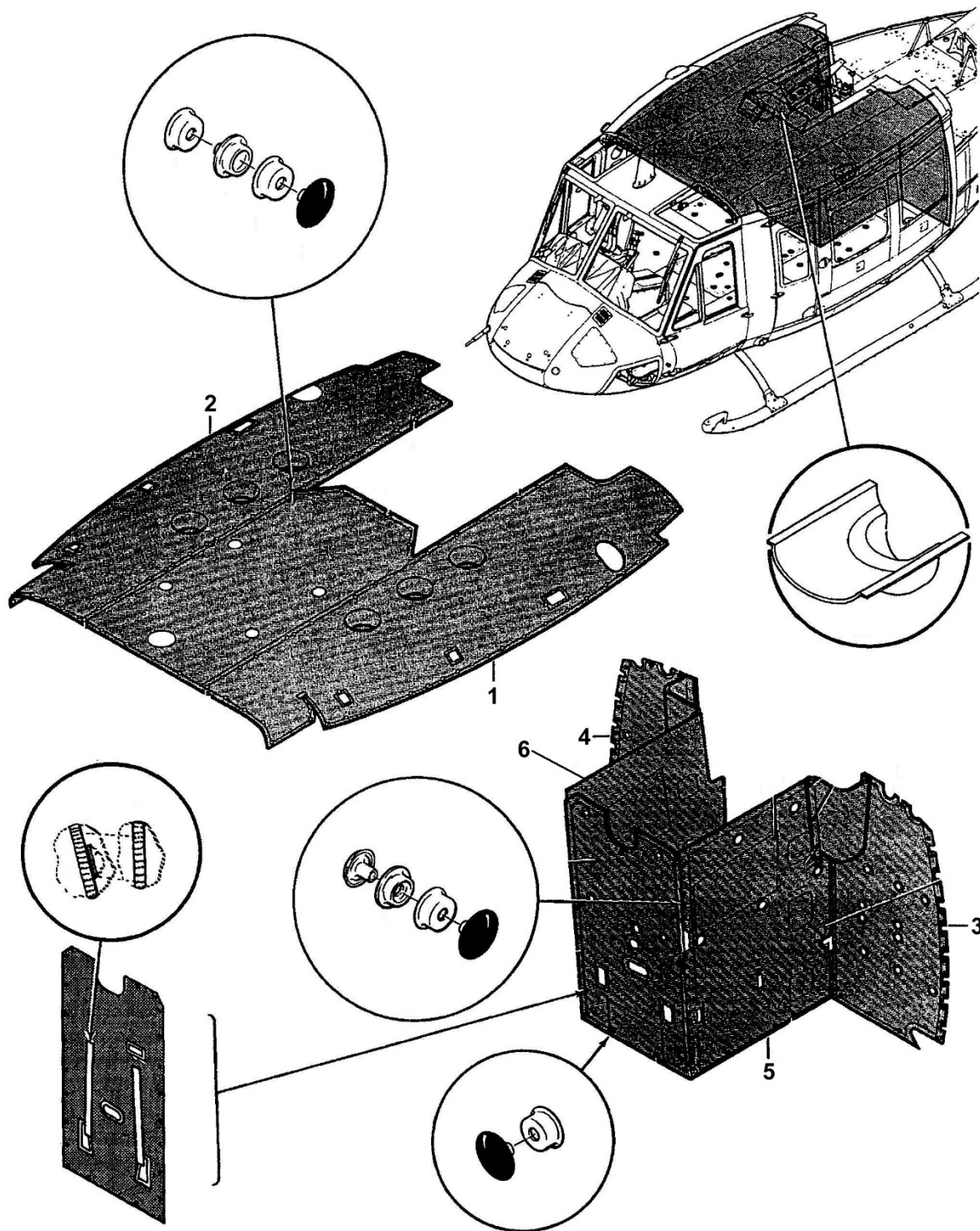


Figure 25-1 – Blanket Installation, Upholstery

25-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 25-1				
1	212-070-602-001	Blanket Assembly, Roof, Upholstery, LH (S/N 30504 thru 30553)	1	
1	212-070-562-001	Blanket Assembly, Roof, Upholstery, LH (S/N 30554 thru 30311, 35001 thru 35062)	1	
1	212-070-562-139	Blanket Assembly, Roof, Upholstery, LH (S/N 35063 thru sub)	1	
2	212-070-602-002	Blanket Assembly, Roof, Upholstery, RH (S/N 30504 thru 30553)	1	
2	212-070-562-003	Blanket Assembly, Roof, Upholstery, RH (S/N 30554 thru 30311, 35001 thru 35062)	1	
2	212-070-562-141	Blanket Assembly, Roof, Upholstery, RH (S/N 35063 thru sub)	1	
3	205-070-612-057	Blanket Assembly	1	
4	205-070-612-058	Blanket Assembly	1	
5	205-072-716-001	Blanket Assembly	1	
5	205-070-614-041	Blanket Assembly (Alternate P/N)	1	
6	205-072-716-002	Blanket Assembly	1	
6	205-070-614-042	Blanket Assembly (Alternate P/N)	1	

25-00-00

CHAPTER 26

FIRE PROTECTION

26-00-00

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26-00-00

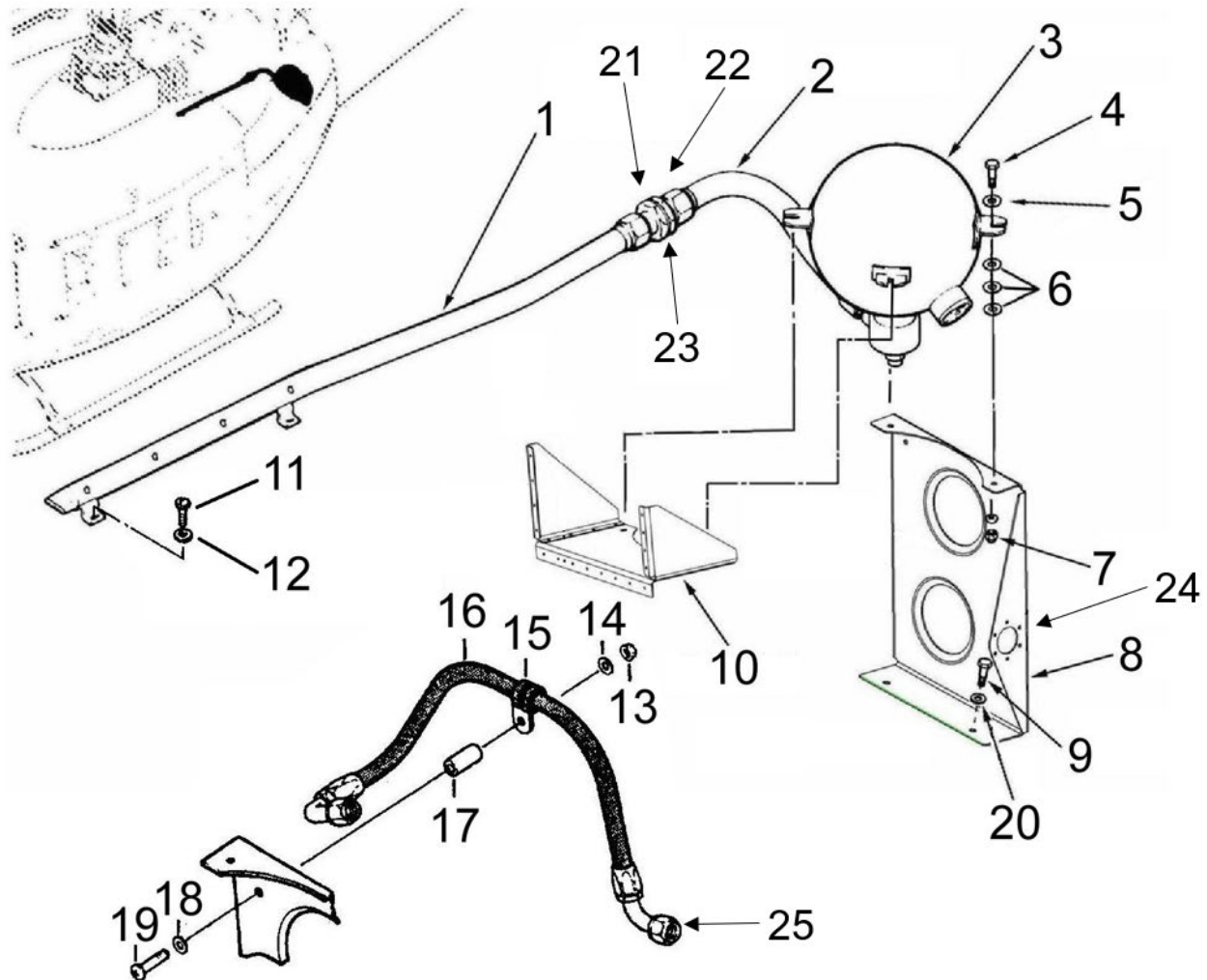


Figure 26-1 – Fire Extinguisher Installation

26-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 26-1				
1	D212-725-1-931	Tube Assembly	1	
2	D212-725-1-925	Tube Assembly	1	
3	2241-009	Container (Charged to 6 lbs)	1	
4	AN4-6A	Bolt	4	
5	AN970-4	Washer	4	
6	AN960-416L	Washer	16	
7	MS21042L4	Nut	4	
8	D212-725-1-123	Bracket	2	
9	AN4-3A	Bolt	2	
10	D212-725-1-923	Bracket Assembly	1	
11	AN525-10R6	Screw	4	
12	NAS1149C0332R	Washer	4	
13	MS21042L3	Nut	1	
14	NAS1149D0332J	Washer	1	
15	MS21919WDG6	Clamp	1	
16	70-061F098F180A	Hose Assembly	1	
17	NAS43DD3-48N	Spacer	1	
18	NAS1149D0332J	Washer	1	
19	MS27039-1-19	Screw	1	
20	NAS1149F0463P	Washer	2	
21	AN924-16J	Nut	1	
22	AS5406J16	Union	1	
23	151-008E	Gasket	1	
24	209-062-911-001	Indicator	1	
25	AS5194W0402	Adapter Fitting	1	

26-00-00

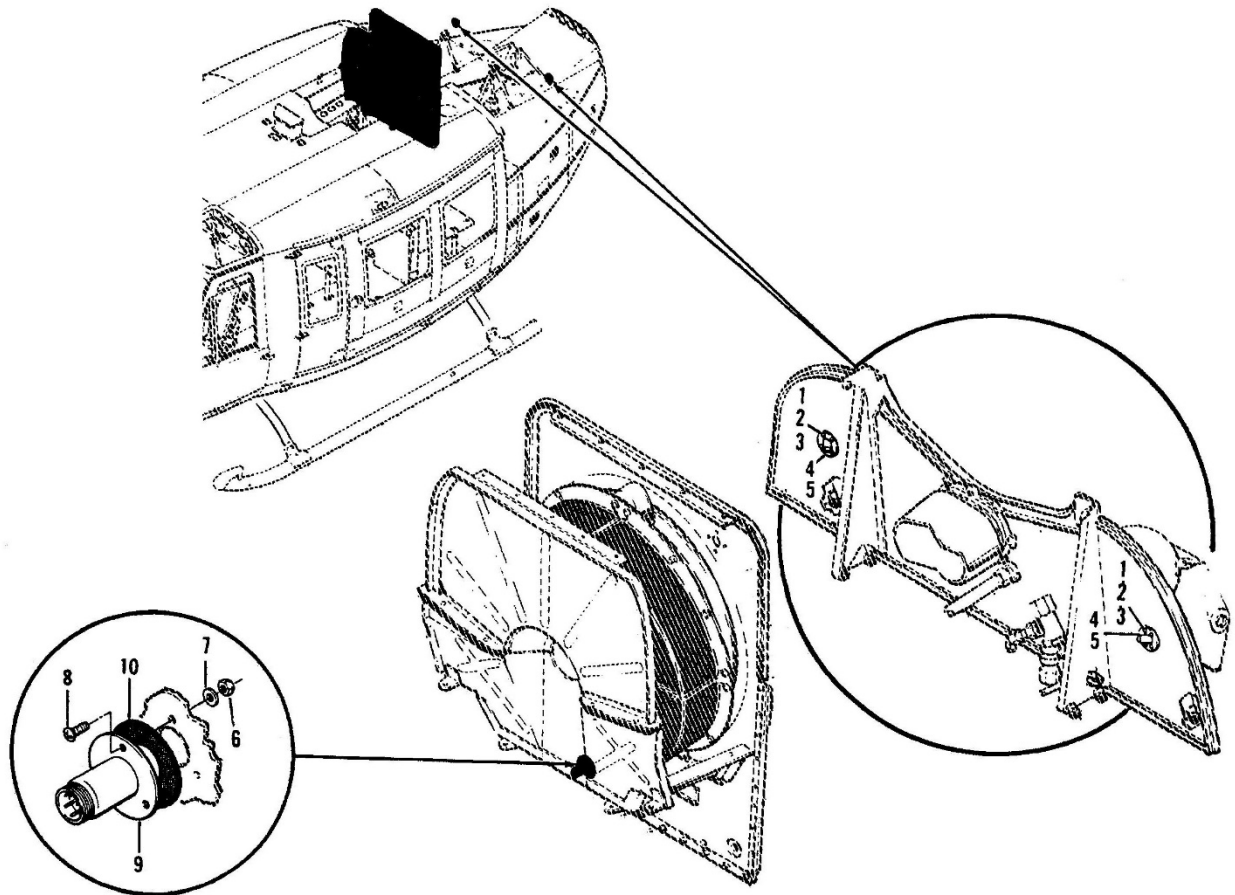


Figure 26-2 - Fire Detection Installation

26-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 26-2				
1	MS21069L3	Nutplate	8	
2	NAS1149F0332P	Washer	8	
3	AN525-10R6	Screw	8	
4	30-207-23	Flame Detector	2	
5	205-061-906-003	Gasket	2	
6	MS21069L3	Nutplate	3	
7	NAS1149F0332P	Washer	3	
8	AN525-10R6	Screw	3	
9	30-207-22	Flame Detector	1	
10	205-061-906-001	Gasket	1	

26-00-00

CHAPTER 28

FUEL SYSTEM

28-00-00

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28-00-00

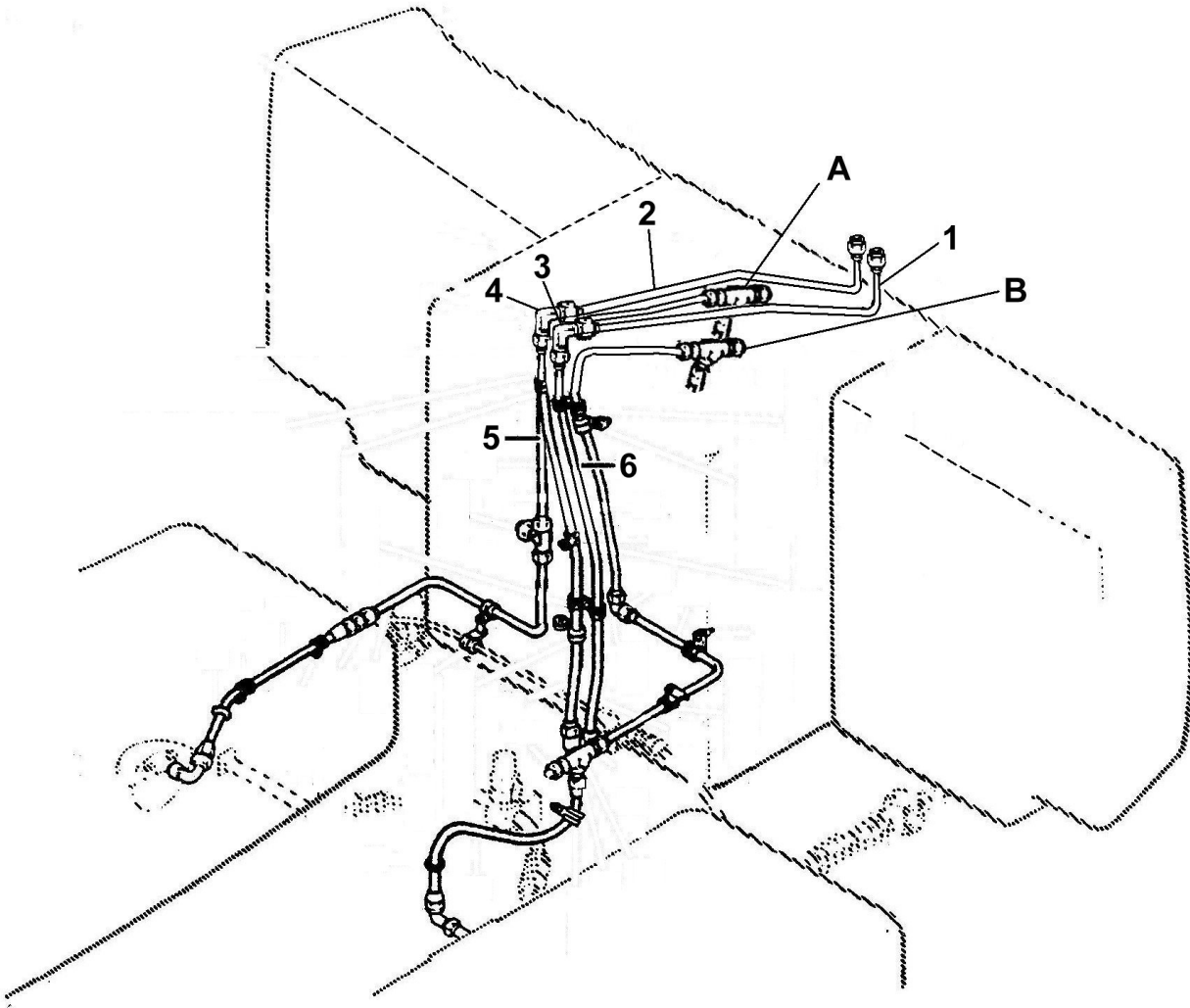


Figure 28-1 – Fuel System Installation (Sheet 1 of 2)

28-00-00

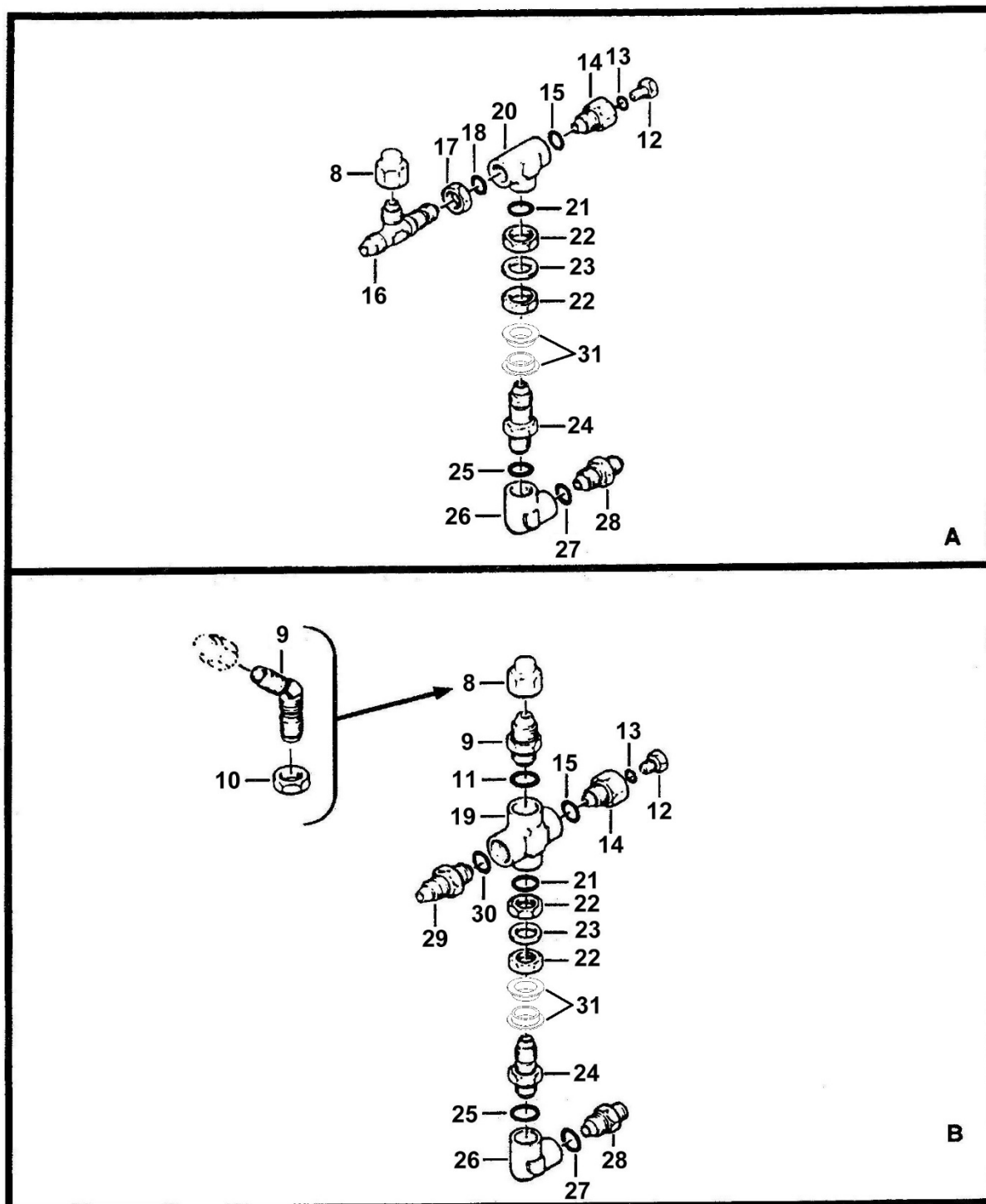


Figure 28-2 – Fuel System Installation (Sheet 2 of 2)

28-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 28-1 and Figure 28-2				
1	205-061-694-001	Tube Assembly	1	
2	205-061-693-001	Tube Assembly	1	
3	AN821-10D	Elbow	1	
4	AN821-10D	Elbow	1	
5	205-060-649-001	Tube Assembly	1	
6	205-060-648-001	Tube Assembly	1	
8	AN929-8	Cap	2	
9	AN929-8D	Union (s/n 31125 thru 31206)	1	
9	AN837-8D	Elbow (s/n 31207 thru sub)	1	
10	AN924-8D	Nut (s/n 31207 thru sub)	1	
11	MS29512-08	Packing, Preformed	1	
12	204-061-689-001	Valve	2	
13	MS29512-06	Packing, Preformed	2	
14	AN893-12D	Bushing	2	
15	MS29512-08	Packing, Preformed	2	
16	AN804D8	Tee	1	
17	AN924-8D	Nut	1	
18	MS29512-08	Packing, Preformed	1	
19	AN937D8	Cross	1	
20	AN938D8	Tee	1	
21	MS29512-08	Packing, Preformed	2	
22	AN924-8D	Nut	4	
23	NAS1149D1216J	Washer	2	
24	D212-725-1-093	Union	2	
25	MS29512-08	Packing, Preformed	2	
26	AN939D8	Elbow	2	
27	MS29512-08	Packing, Preformed	2	
28	AN815-8D	Union	2	
29	AN815-8D	Union	1	
30	MS29512-08	Packing, Preformed	1	
31	D212-725-1-105	Bushing	4	

28-00-00

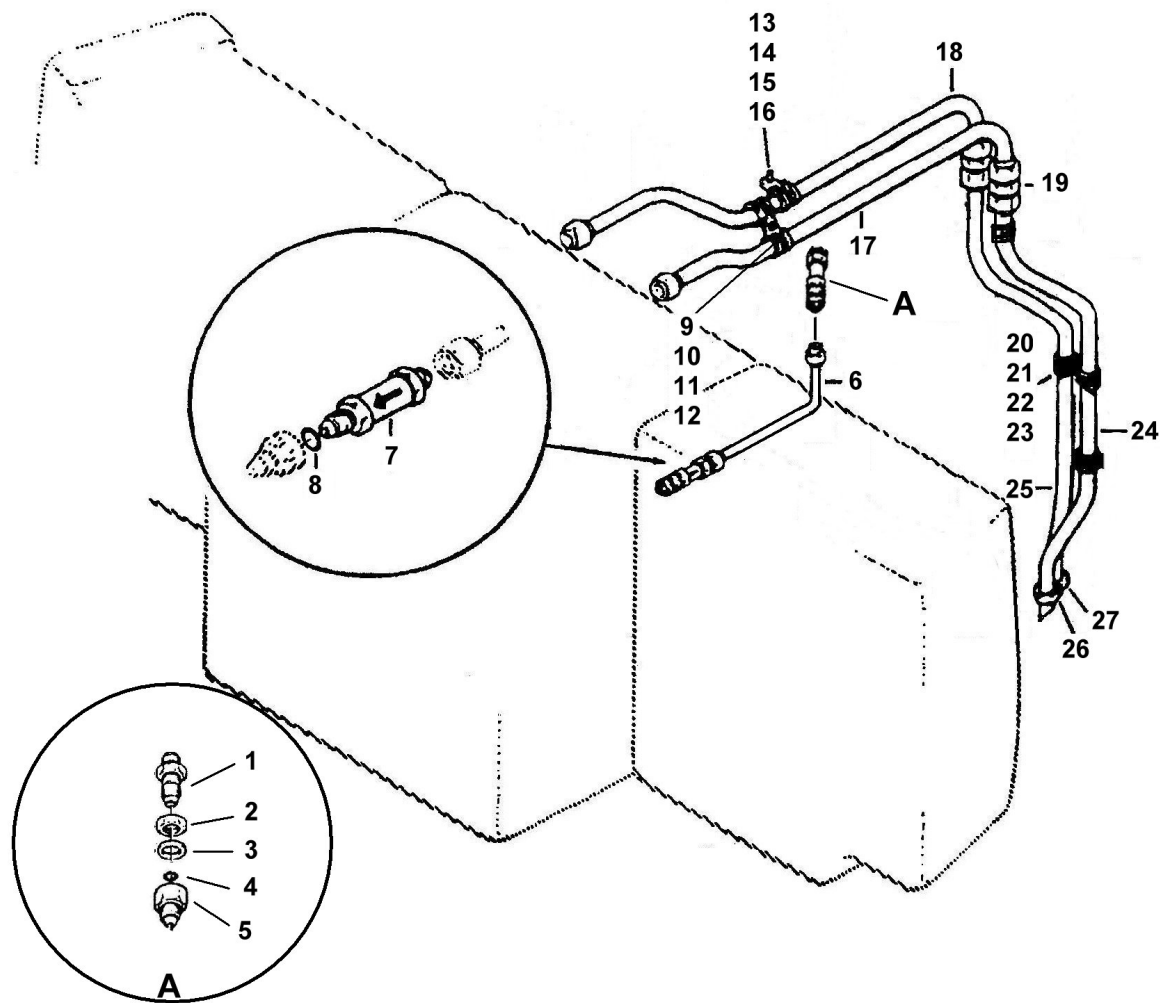


Figure 28-3 – Fuel System Installation

28-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 28-3				
1	AN832-5J	Union	1	
2	NAS1149C0863R	Washer	1	
3	AN924-5J	Nut	1	
4	MS29512-05	Packing, Preformed	1	
5	AN894-5-4	Bushing Expander	1	
6	205-061-685-001	Tube Assembly	1	
7	458-4D1-6	Valve	1	
8	MS29512-04	Packing, Preformed	1	
9	MS21042L3	Nut	1	
10	NAS1149D0332J	Washer	1	
11	MS35207-264	Screw	1	
12	MS21919WDG12	Clamp	2	
13	MS27039-1-24	Screw	1	
14	NAS1149D0332J	Washer	1	
15	NAS43DD3-70	Spacer	1	
16	MS21919WDG12	Clamp	1	
17	D212-725-1-913	Tube Assembly	1	1
17	D212-725-1-941	Tube Assembly	1	2
18	D212-725-1-915	Tube Assembly	1	1
18	D212-725-1-943	Tube Assembly	1	2
19	AN815-12D	Union	2	
20	MS21042L3	Nut	1	
21	NAS1149D0332J	Washer	1	
22	MS35207-263	Screw	1	
23	MS21919WDG12	Clamp	2	
24	212-060-653-001	Tube Assembly	1	1
24	D212-725-1-945	Tube Assembly	1	2
25	212-060-642-001	Tube Assembly	1	1
25	D212-725-1-945	Tube Assembly	1	2
26	MS35489-20	Grommet	1	
27	MS35489-21	Grommet	1	

UOC Code

- 1 – S/N 30817, 30687, 30599, and 30544
2 – All S/N's except 30817, 30687, 30599, and 30544

28-00-00

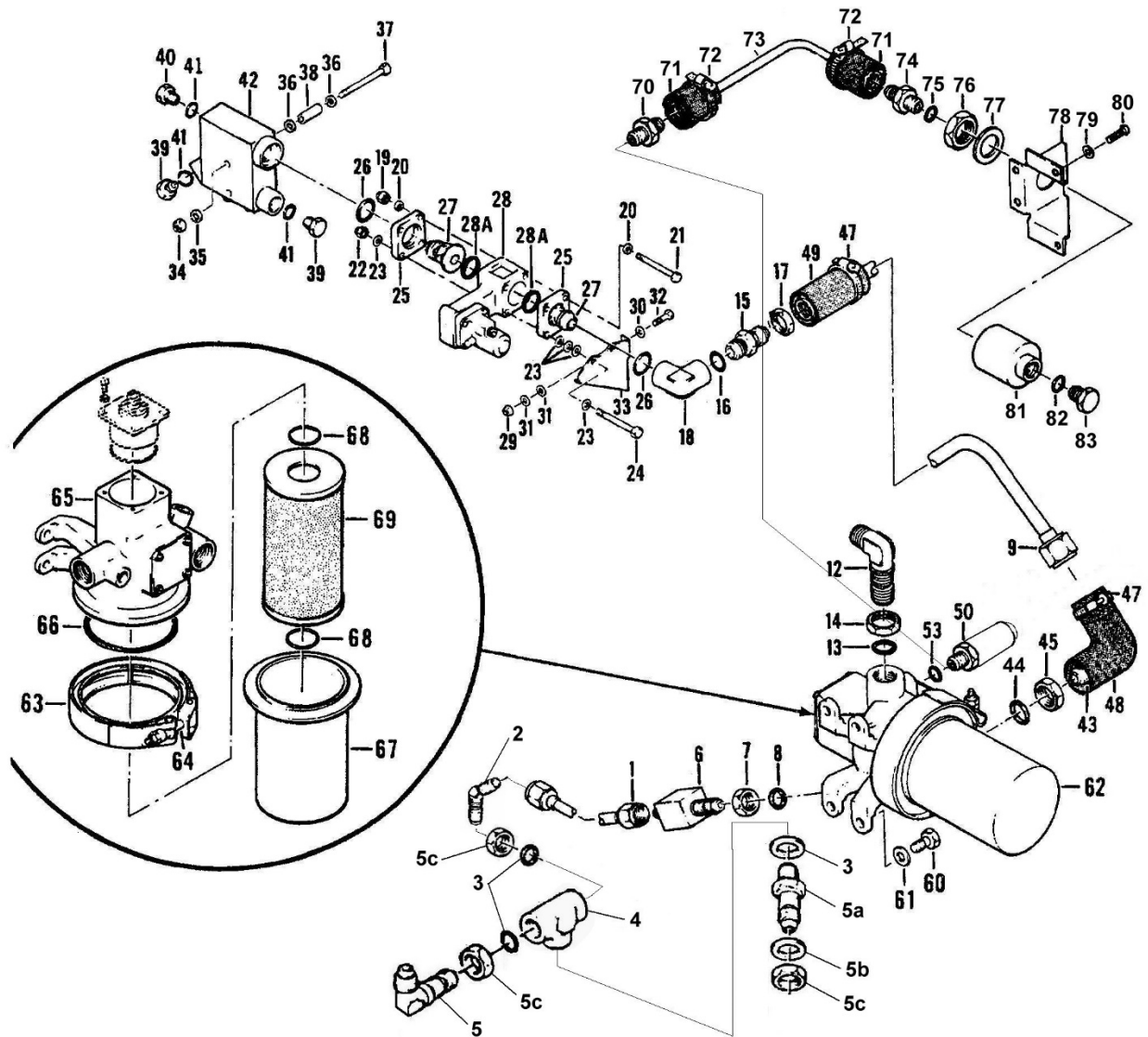


Figure 28-4 - Fuel Filter and Firewall Shut Off

28-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 28-4				
1	D212-725-1-917	Tube Assembly	1	
2	AN837-6J	Fitting	1	
3	MS29512-06	Packing, Preformed	3	
4	AN917-6J	Fitting	1	
5	AN833-6J	Elbow	1	
5a	AN832-6J	Fitting	1	
5b	NAS1149C0963R	Washer	1	
5c	AN924-6J	Nut	3	
6	475C62NWPS	Valve	1	
7	AN924-6J	Nut	1	
8	MS29512-06	Packing, Preformed	1	
9	205-061-674-001	Tube Assembly	1	
12	AN833-10J	Elbow	1	
13	MS29512-10	Packing, Preformed	1	
14	AN924-10J	Nut	1	
15	AN832-10J	Union	1	
16	MS29512-10	Packing, Preformed	1	
17	AN924-10J	Nut	1	
18	AN939D10	Elbow	1	
19	MS21042L3	Nut	2	
20	NAS1149D0332J	Washer	4	
21	AN3-21A	Bolt	2	
22	MS21042L3	Nut	2	
23	NAS1149D0363J	Washer	10	
24	AN3-24A	Bolt	2	
25	MS20756D16	Flange	2	
26	MS29512-10	Packing, Preformed	2	
27	205-060-616-001	Bearing	2	
28	205-060-612-003	Valve	1	
28	233565	Valve (Alternate Part)	1	
28A	MS29512-10	Packing, Preformed	2	
29	MS21043-3	Nut	3	
30	NAS1149C0332R	Washer	3	
31	NAS1149D0332J	Washer	6	
32	AN3C3A	Bolt	3	
33	D212-725-1-195	Bracket	1	1
34	MS21043-3	Nut	2	
35	NAS1149C0332R	Washer	2	
36	NAS1149D0332J	Washer	4	
37	AN3C24A	Bolt	2	
38	NAS43DD3-56	Spacer	2	
39	AN814-4WL	Plug	2	
40	AN814-4W	Plug	1	
41	MS29512-04	Packing, Preformed	3	
42	205-060-611-003	Manifold	1	

28-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
43	AN833-10J	Elbow	1	
44	MS29512-10	Packing, Preformed	1	
45	AN924-10J	Nut	1	
46	205-061-537-001	Tube Assembly (Not Illustrated)	1	
47	AN737TW34	Clamp	2	
48	205-061-531-019	Shroud	1	
49	205-061-531-015	Shroud	1	
50	BAS520-50G	Transducer	1	1
53	MS29512-04	Packing, Preformed	1	
60	AN3H3A	Bolt	4	
61	NAS1149D0363J	Washer	4	
62	204-040-760-005	Filter Assembly	1	
63	N4309S5-350	Clamp Assembly (Post ASB 205-80-14)	1	
64	200L4-275-75	T-Bolt (Post ASB 205-80-14)	1	
65	204-040-760-011	Head	1	
66	MS29513-237	Packing, Preformed	1	
67	204-040-760-015	Sump Bowl	1	
68	MS29513-024	Packing, Preformed	2	
69	204-040-760-013	Element	1	
70	204-060-670-001	Restrictor	1	2
71	205-061-531-015	Shroud	2	2
72	AN737TW24	Clamp	2	2
73	205-061-537-001	Tube Assembly	1	2
74	AN815-4J	Union	1	2
75	MS29512-04	Packing, Preformed	3	2
76	AN924-12J	Nut	1	2
77	NAS1149C1790R	Washer	1	2
78	205-061-686-001	Bracket	1	2
79	NAS1149D0332J	Washer	4	2
80	MS27039-1-05	Screw	4	2
81	130-020-1	Transmitter, Fuel Pressure	1	2
82	MS29512-04	Packing, Preformed	1	2
83	100-016-1	Plug	1	2

UOC Code

- 1 – All S/N's except 30817, 30687, 30599, and 30544
2 – S/N 30817, 30687, 30599, and 30544

28-00-00

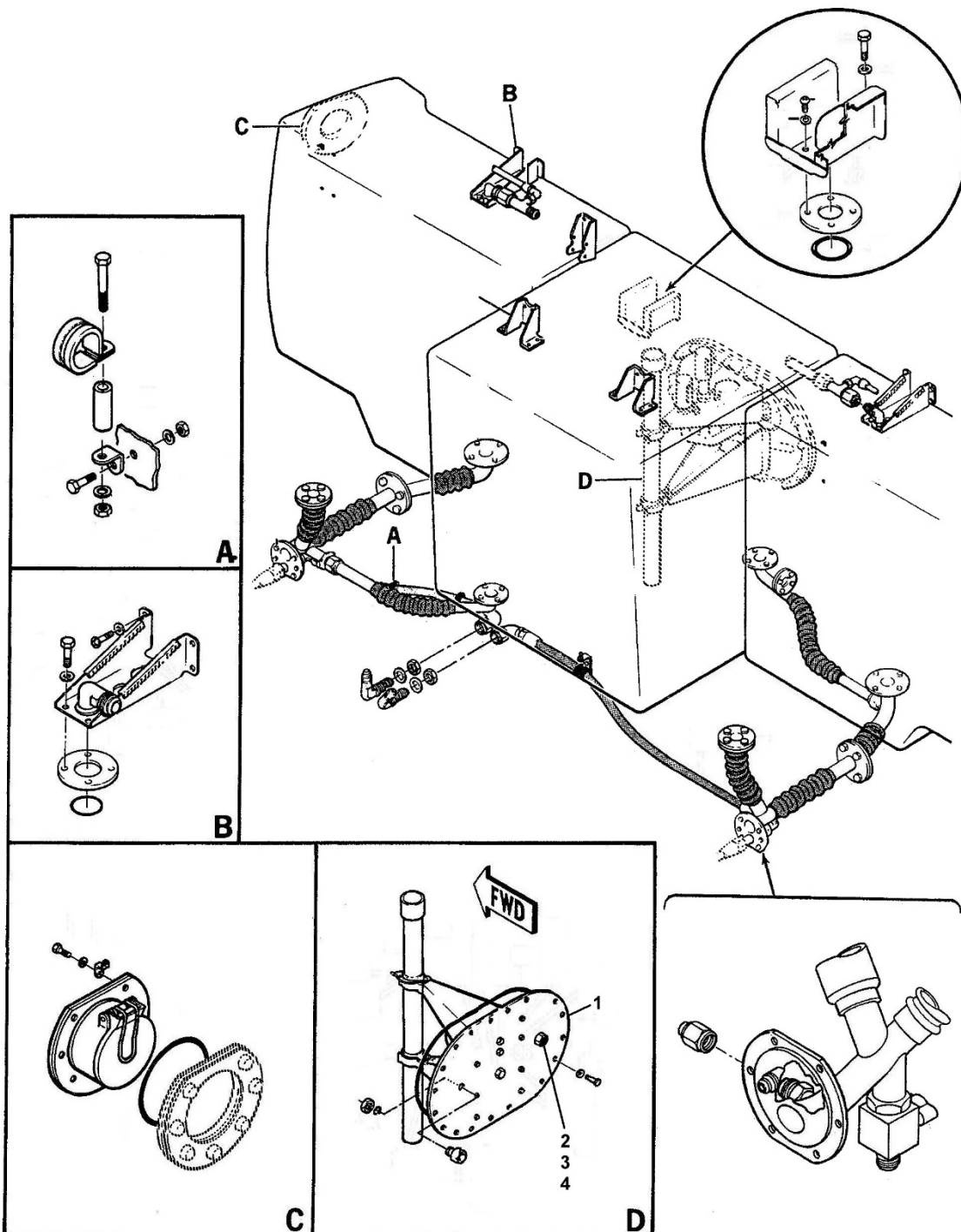


Figure 28-5 - Fuel System Installation

28-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 28-5				
1	205-061-642-009	Door Assembly	1	
1	D212-725-1-249	Door Assembly (Alternate Part)	1	
2	205-061-684-001	Nut	1	
3	AN814-8D	Plug	1	
4	MS29512-08	Packing, Preformed	1	

28-00-00

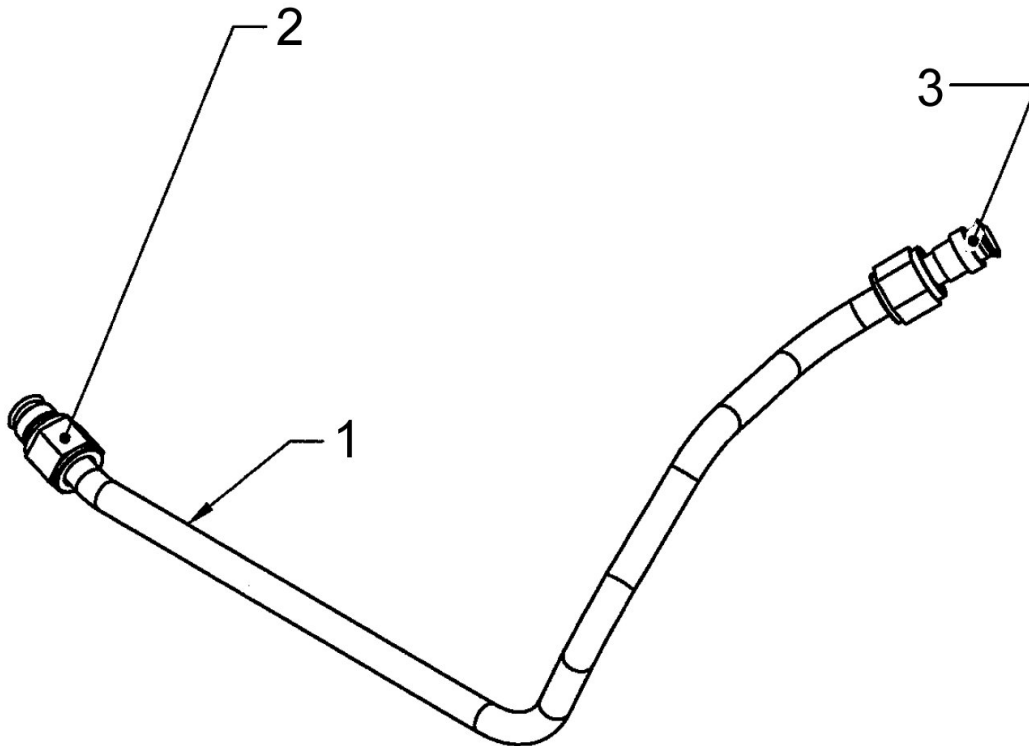


Figure 28-6 - Auxiliary Fuel System

28-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 28-6				
1	D212-725-1-927	Tube Assembly (Replaces 212-060-668-1)	1	
2	Connects to	70-010H000T060 Hose Assembly	Ref	
3	Connects to	212-060-667-1 Tube Assembly	Ref	

28-00-00

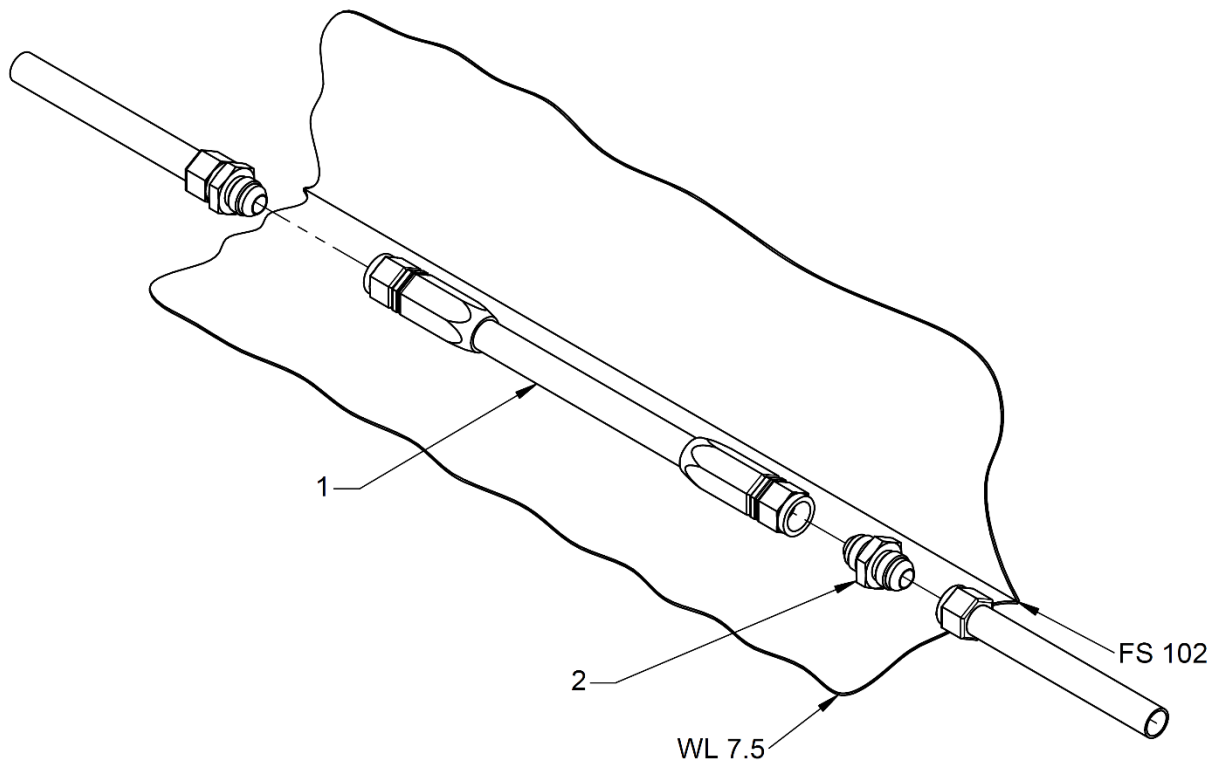


Figure 28-7 - FWD Interconnect Valve Location

28-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 28-7				
1	D212-725-1-273	Hose Assembly	1	1
2	AN815-8D	Union	1	1

UOC Code

1 – All aircraft serial numbers except S/Ns 30687, 30817, 30599, 30544, 30866, and 30826 unless DSB-D212-725-4 has been incorporated.

28-00-00

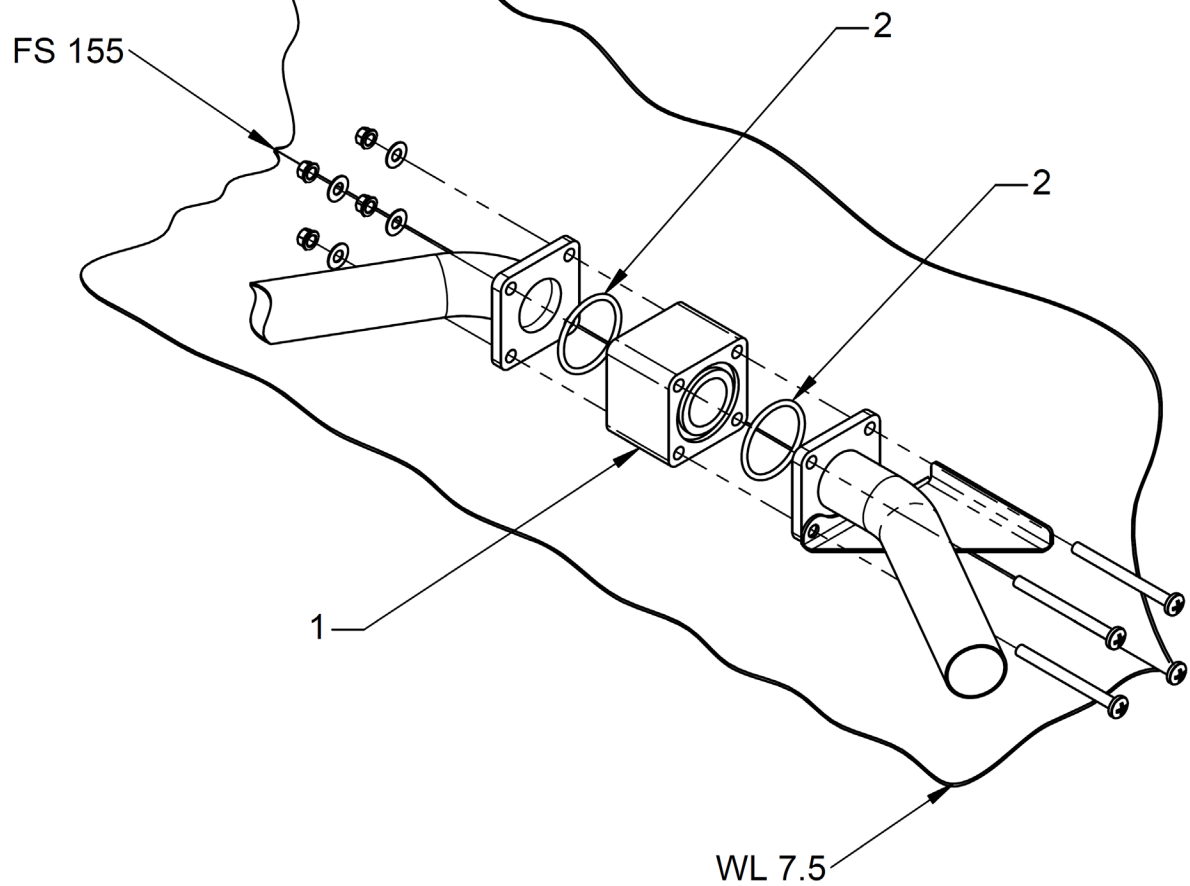


Figure 28-8 - Rear Interconnect Valve Location

28-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 28-8				
1	D212-725-1-271	Fitting	1	1
2	MS29513-123	Packing, Preformed	2	1

UOC Code

1 – All aircraft serial numbers except S/Ns 30687, 30817, 30599, 30544, 30866, and 30826 unless DSB-D212-725-4 has been incorporated.

28-00-00

CHAPTER 29

HYDRAULICS

29-00-00

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29-00-00

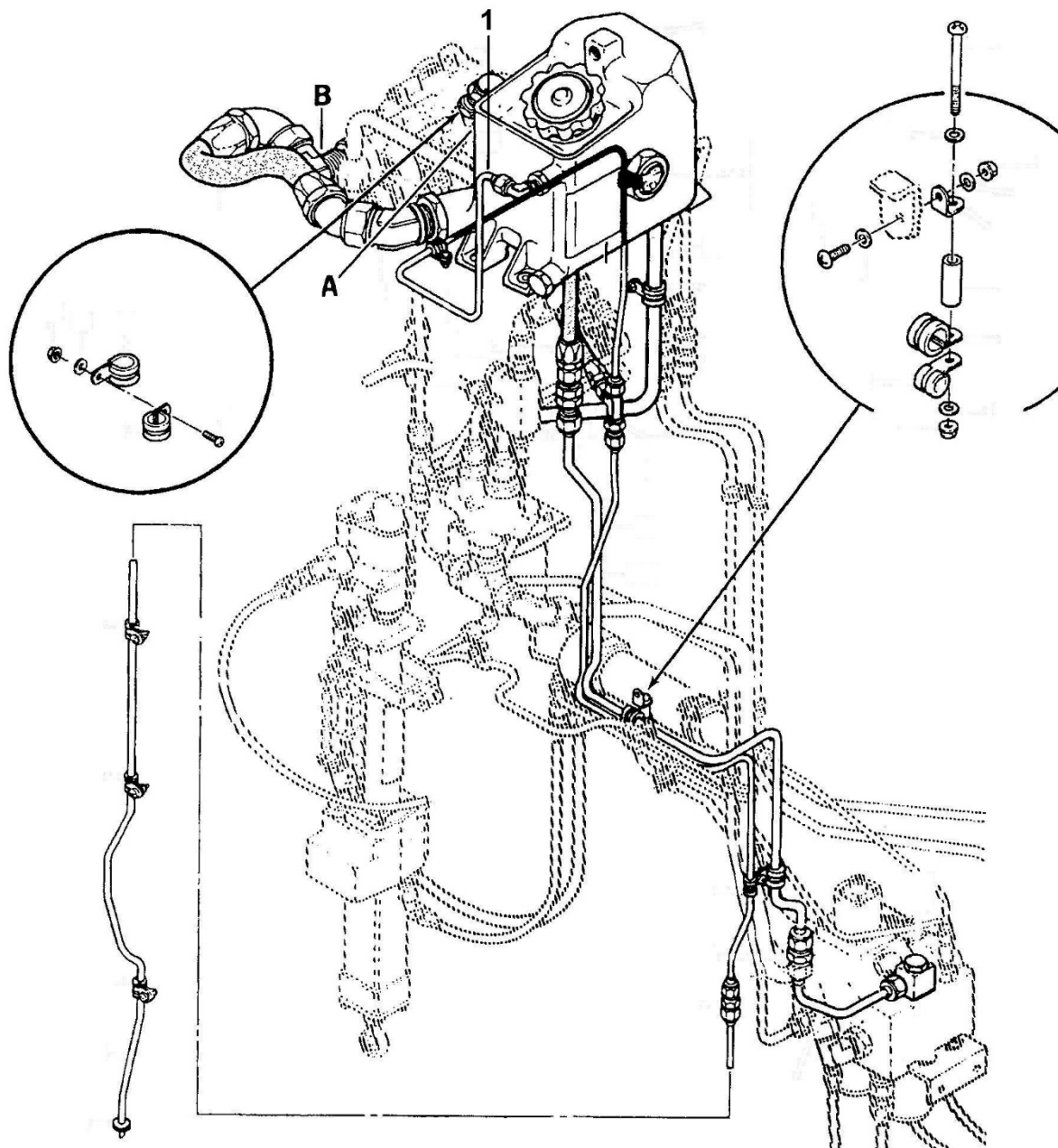


Figure 29-1 – Hydraulic System 2 Installation (Sheet 1 of 2)

29-00-00

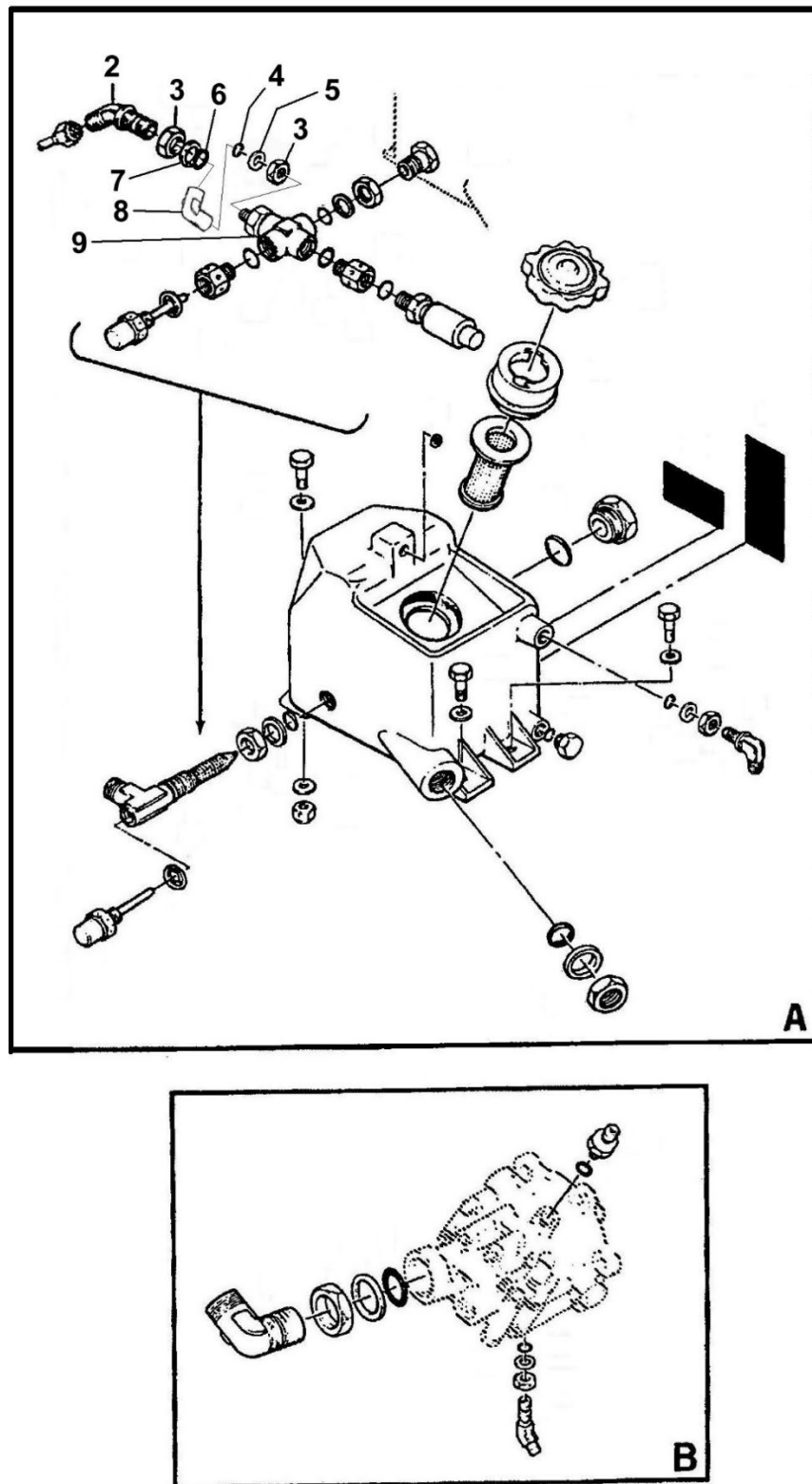


Figure 29-2 - Hydraulic System 2 Installation (Sheet 2 of 2)

29-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 29-1 and Figure 29-2				
1	212-076-434-001	Tube Assembly	1	
2	MS21907W8	Elbow	1	
3	AN6289D8	Nut	2	
4	MS28778-8	Packing, Preformed	1	
5	MS28773-8	Retainer	1	
6	MS28778-8	Packing, Preformed	1	
7	MS28773-8	Retainer	1	
8	AN939D8	Fitting	1	
9	AN832D8	Fitting	1	

29-00-00

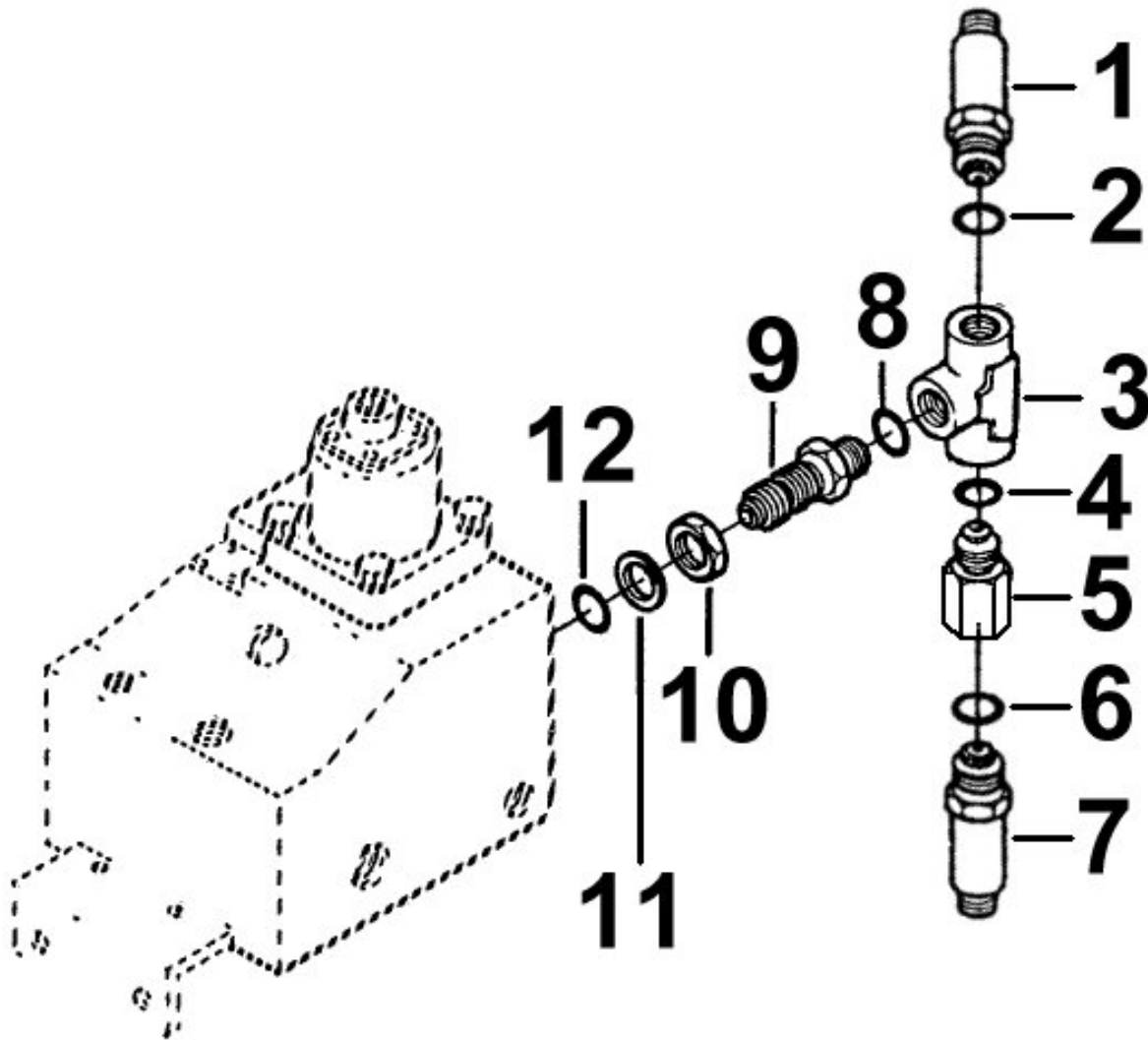


Figure 29-3 – Hydraulic System 1 Pressure Switch and Pressure Transducer Installation
(All S/N except 30817, 30687, and 30599)

29-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 29-3				
1	205-076-044-007	Pressure Switch	1	
2	MS28778-6	Packing, Preformed	1	
3	AN938D6	Fitting	1	
4	MS28778-6	Packing, Preformed	1	
5	AN893-2D	Fitting	1	
6	MS28778-4	Packing, Preformed	1	
7	BAS-520-1500SG	Pressure Transducer	1	
8	MS28778-6	Packing, Preformed	1	
9	MS21924D6	Fitting	1	
10	AN6289D6	Nut	1	
11	MS28773-06	Retainer	1	
12	MS28778-6	Packing, Preformed	1	

29-00-00

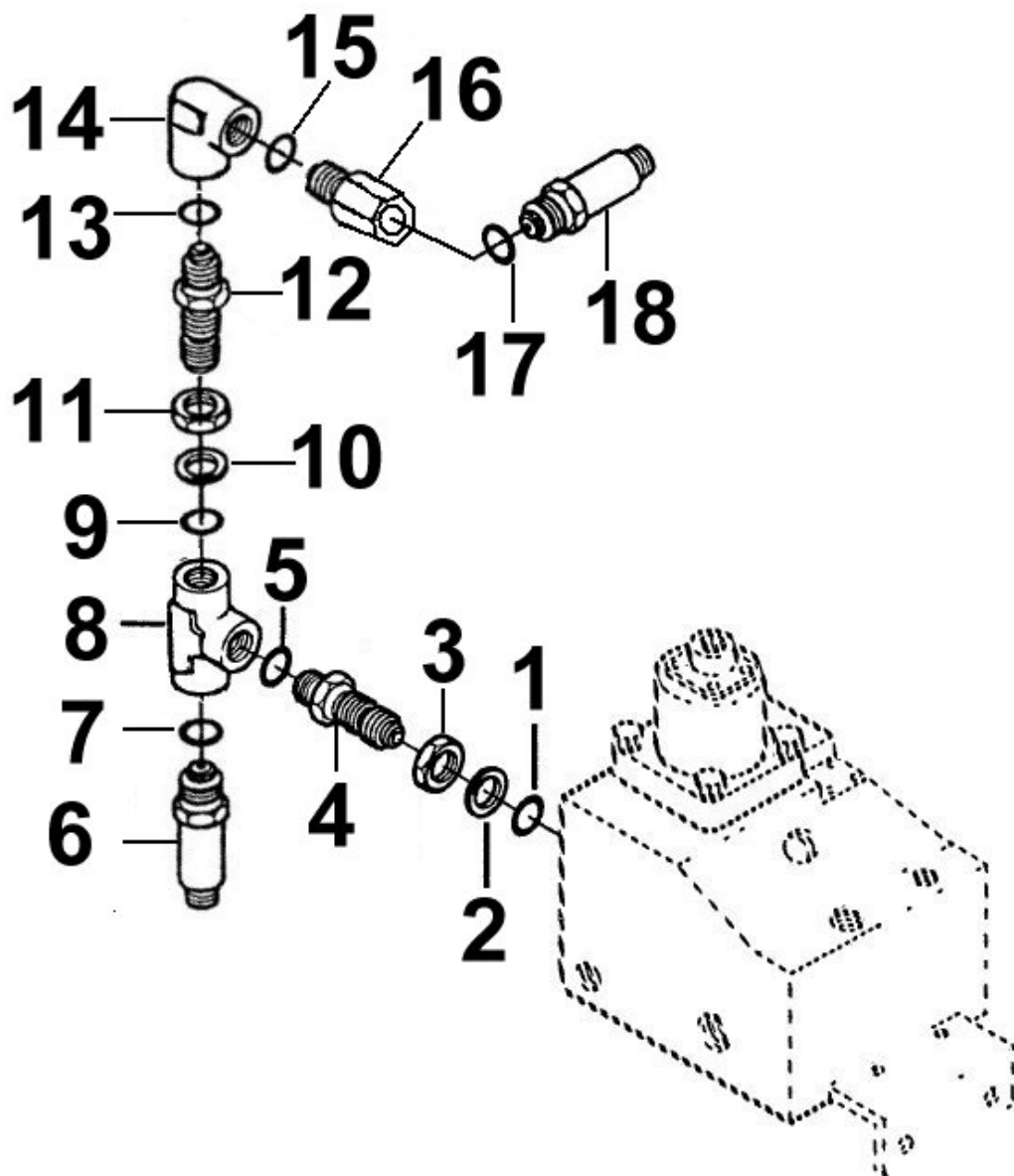


Figure 29-4 – Hydraulic System 2 Pressure Switch and Pressure Transducer Installation
(All S/N except 30817, 30687, and 30599)

29-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 29-4				
1	MS28778-6	Packing, Preformed	1	
2	MS28773-06	Retainer	1	
3	AN6289D6	Nut	1	
4	MS21924D6	Fitting	1	
5	MS28778-6	Packing, Preformed	1	
6	205-076-044-007	Pressure Switch	1	
7	MS28778-6	Packing, Preformed	1	
8	AN938D6	Fitting	1	
9	MS28778-6	Packing, Preformed	1	
10	MS28773-6	Retainer	1	
11	AN6289-6D	Nut	1	
12	MS21924W6	Fitting	1	
13	MS28778-6	Packing, Preformed	1	
14	AN939D6	Elbow	1	
15	MS28778-6	Packing, Preformed	1	
16	AN893-2D	Fitting	1	
17	MS28778-4	Packing, Preformed	1	
18	BAS-520-150SG	Pressure Transducer	1	

29-00-00

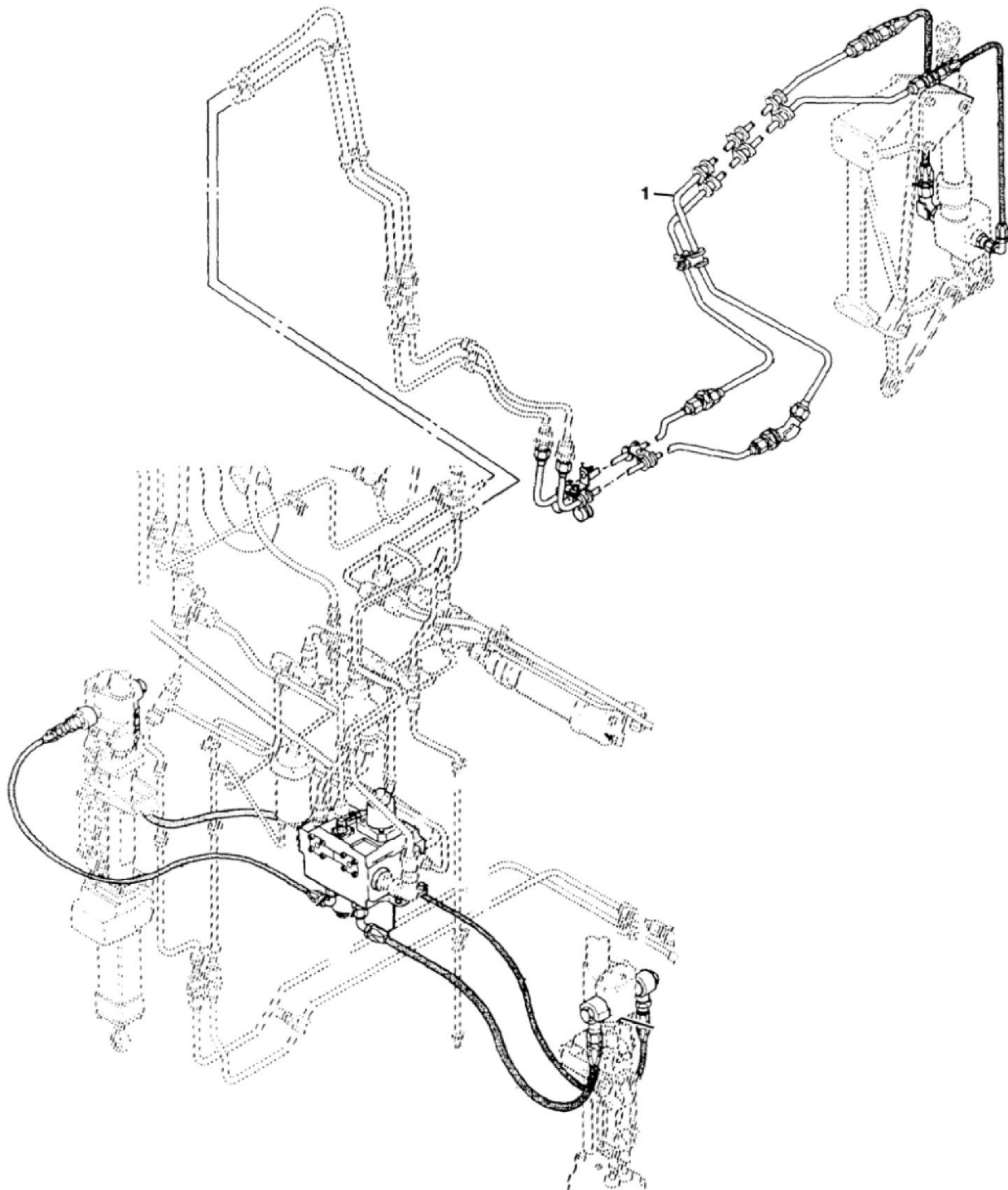


Figure 29-5 - Hydraulic System 1 Installation

29-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 29-5				
1	212-076-338-001	Tube Assembly (Alternate Part)	1	
1	E212-3000-041	Tube Assembly	1	1

UOC Code

1 – Preferred for new builds and replacements

29-00-00

CHAPTER 30 ICE AND RAIN PROTECTION

REFER TO BHT-212-IPC

30-00-00

CHAPTER 32 LANDING GEAR

REFER TO BHT-212-IPC

32-00-00

CHAPTER 52 DOORS AND WINDOWS

REFER TO BHT-212-IPC

52-00-00

CHAPTER 53

FUSELAGE

53-00-00

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53-00-00

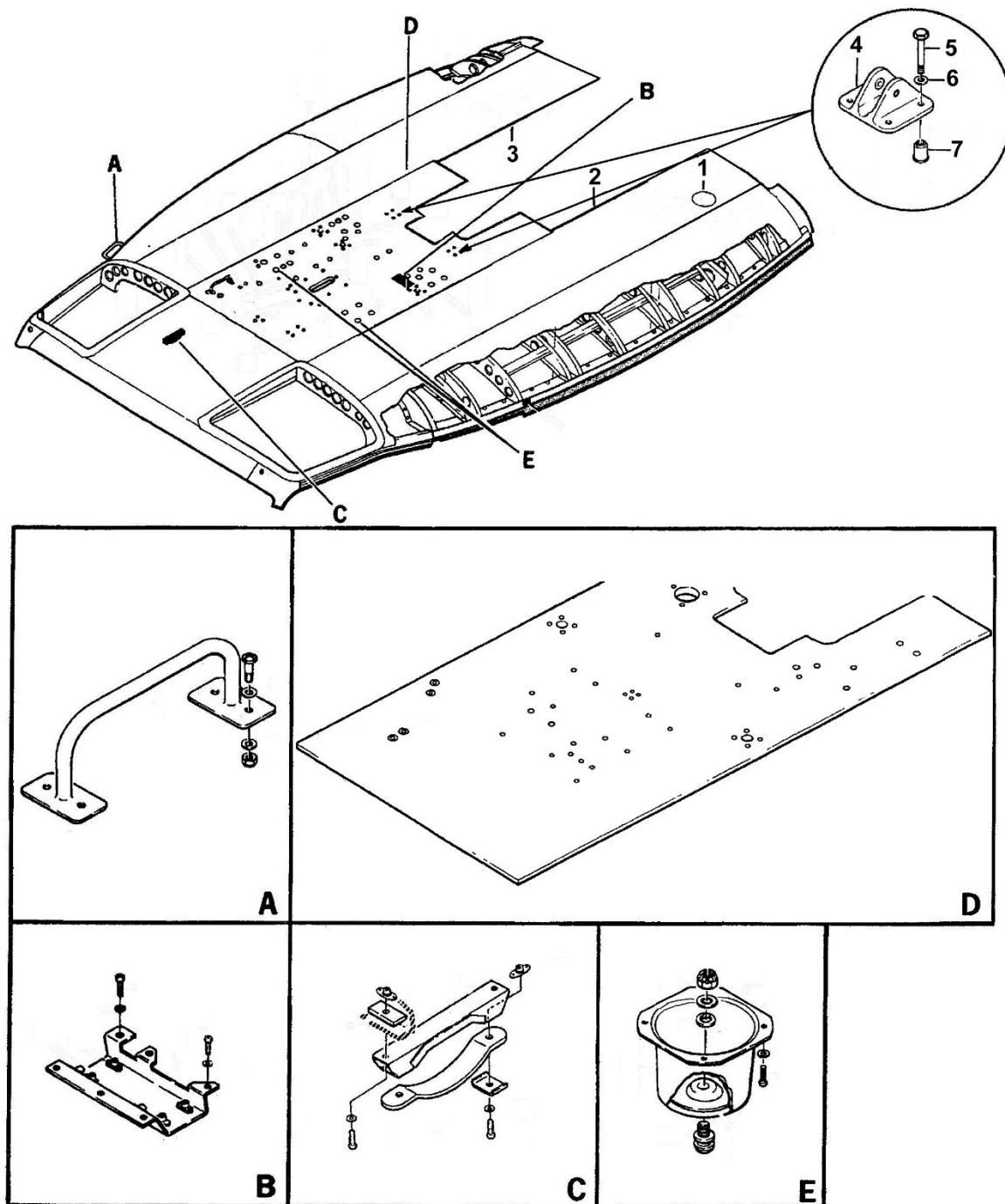


Figure 53-1 – Roof Assembly

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-1				
1	212-030-304-001	Cover Plate Assembly	1	
2	205-030-127-001	Panel Assembly, Cabin Roof, LH	1	
2	2H5-030-127-001	Panel Assembly, Cabin Roof, LH (Alternate Part)	1	
3	205-030-127-003	Panel Assembly, Cabin Roof, RH	1	
3	2H5-030-127-003	Panel Assembly, Cabin Roof, RH (Alternate Part)	1	
4	205-060-827-001	Bracket, Engine Mount Deck Fitting (Alternate Part)	2	
4	E212-1009-123	Fitting	2	1
5	AN3-3A	Bolt	4	
6	NAS1149D0332J	Washer	4	
7	80-005-2-10	Insert	4	

UOC Code

1 – Preferred for new builds and replacements

53-00-00

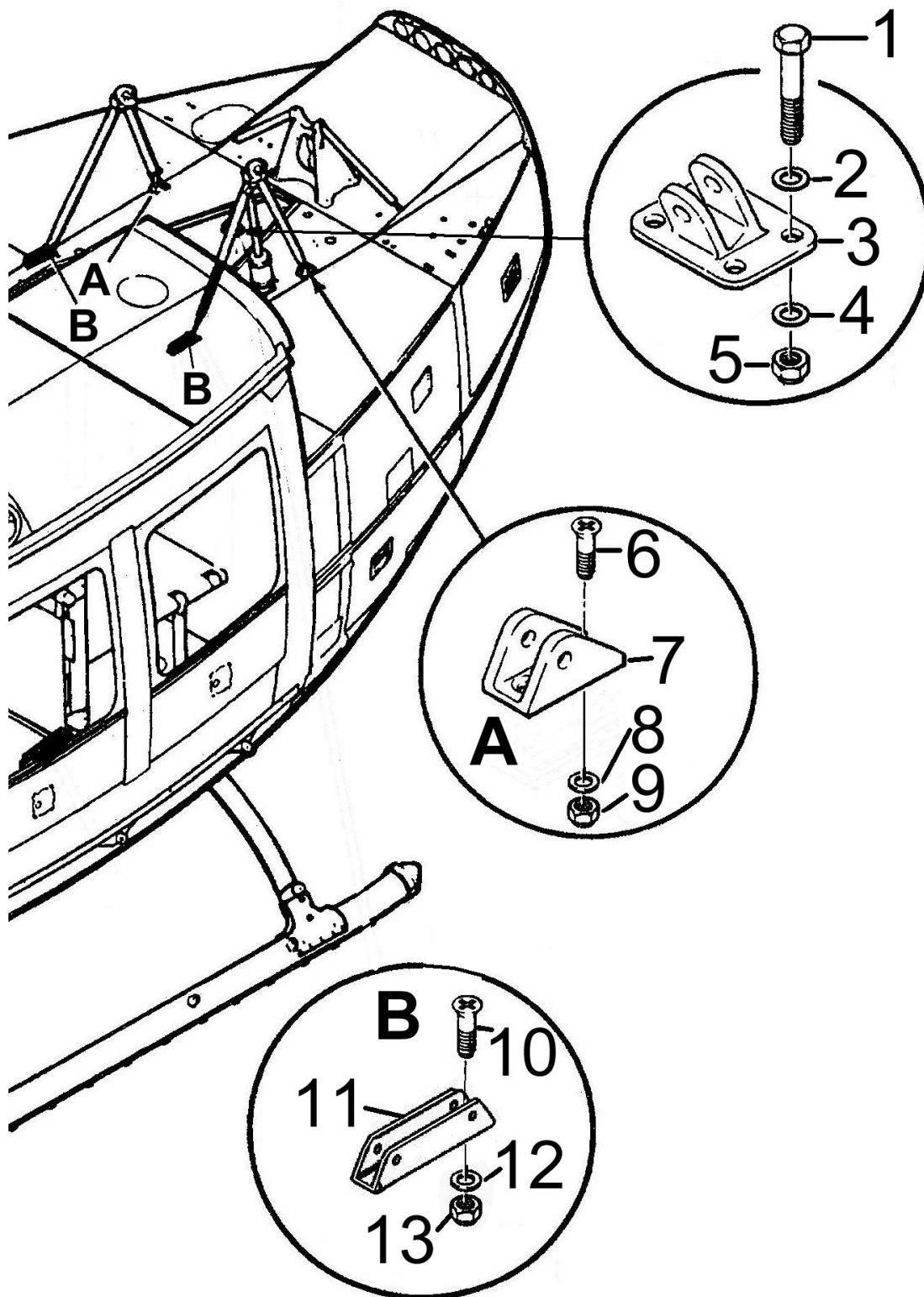


Figure 53-2 – Engine Mount Installation

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-2				
1	AN4-23A	Bolt	4	
2	NAS1149F0463P	Washer	4	
3	205-060-139-001	Fitting	1	
4	NAS1149D0463J	Washer	4	
5	MS21042L4	Nut	4	
6	MS24694-S101	Screw	4	
7	D212-725-1-109	Fitting, LH	1	
7	D212-725-1-110	Fitting, RH	1	
8	NAS1149D0463J	Washer	4	
9	MS21042L4	Nut	4	
10	MS24694-S101	Screw	4	
11	D212-725-1-111	Fitting	2	
12	NAS1149D0463J	Washer	4	
13	MS21042L4	Nut	4	

53-00-00

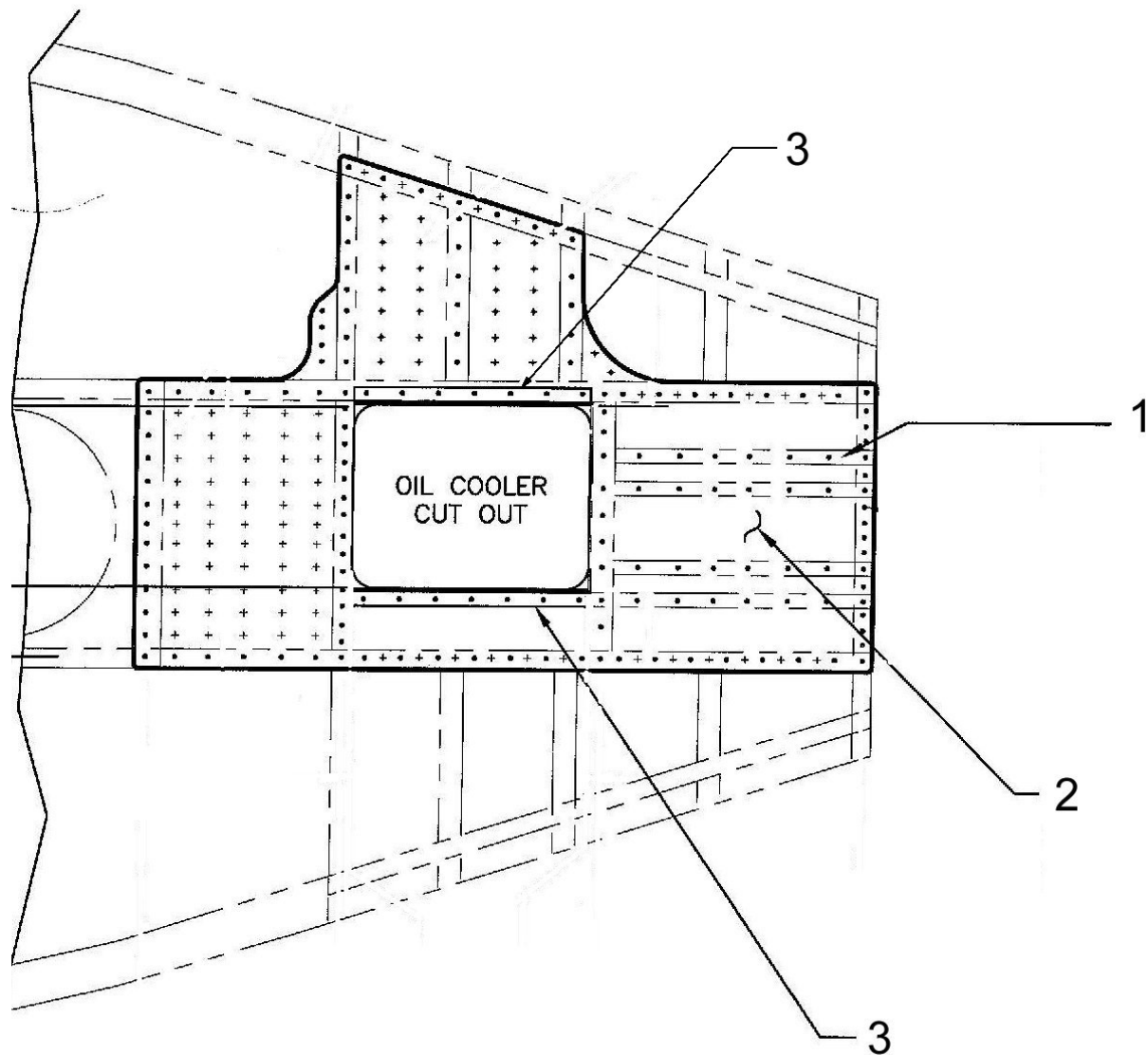


Figure 53-3 – Belly Skin Installation

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-3				
1	205-032-158-001	Stiffener, LH	1	1
1	205-032-158-002	Stiffener, RH	1	1
2	D212-725-1-135	Doubler	1	1
3	D212-725-1-015	Angle	2	1

UOC Code

1 – S/N 30687, 30931, 30576, and 30817

53-00-00

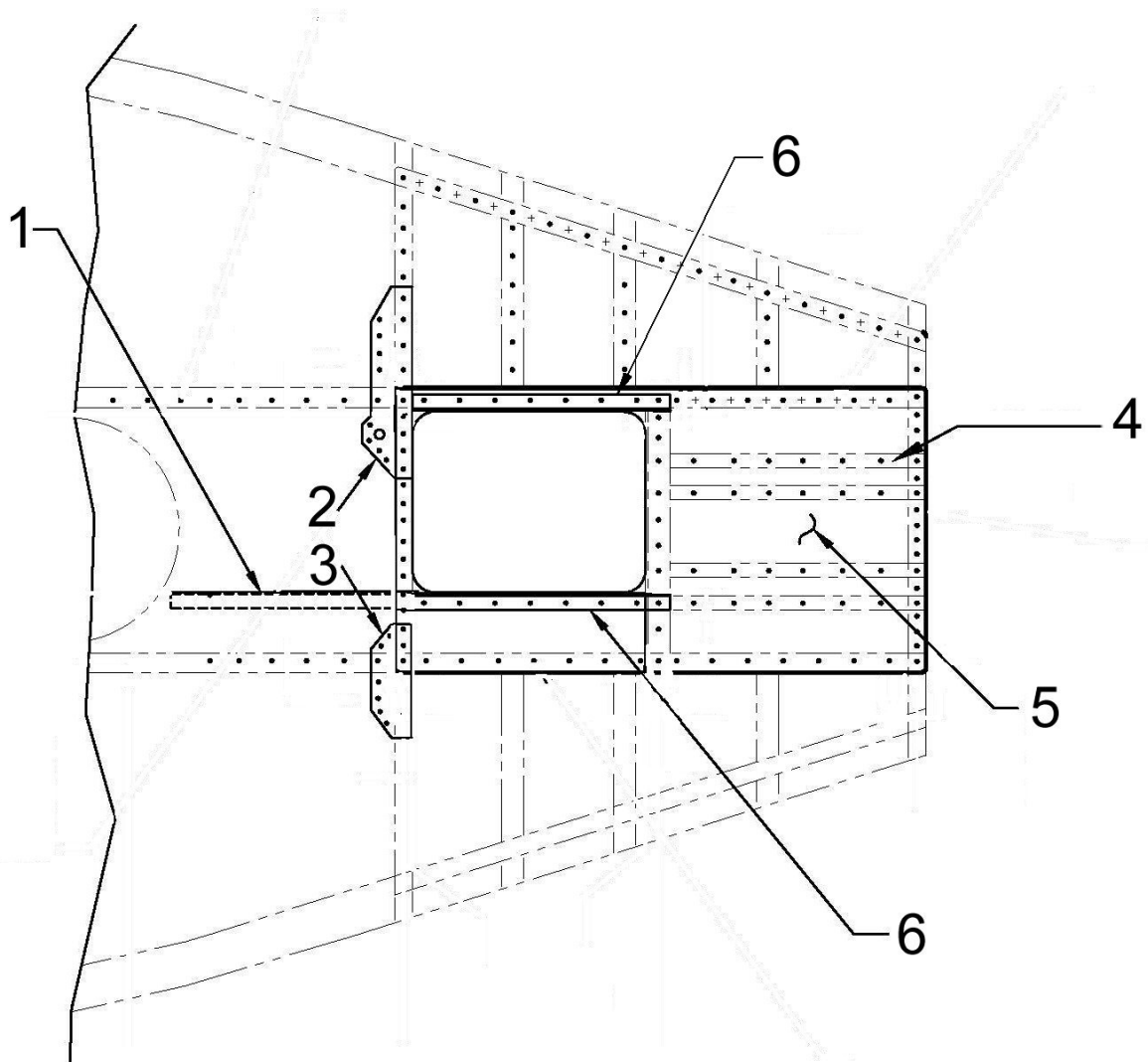


Figure 53-4 – Belly Skin Installation

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-4				
1	D212-725-1-233	Angle, Internal	1	1
2	205-032-106-061	Doubler	1	1
3	205-032-106-063	Doubler	1	1
4	205-032-158-001	Stiffener, LH	1	1
4	205-032-158-002	Stiffener, RH	1	1
5	D212-725-1-229	Skin	1	1
6	D212-725-1-231	Angle	2	1

UOC Code

1 – All S/N's except 30687, 30931, 30576, and 30817

53-00-00

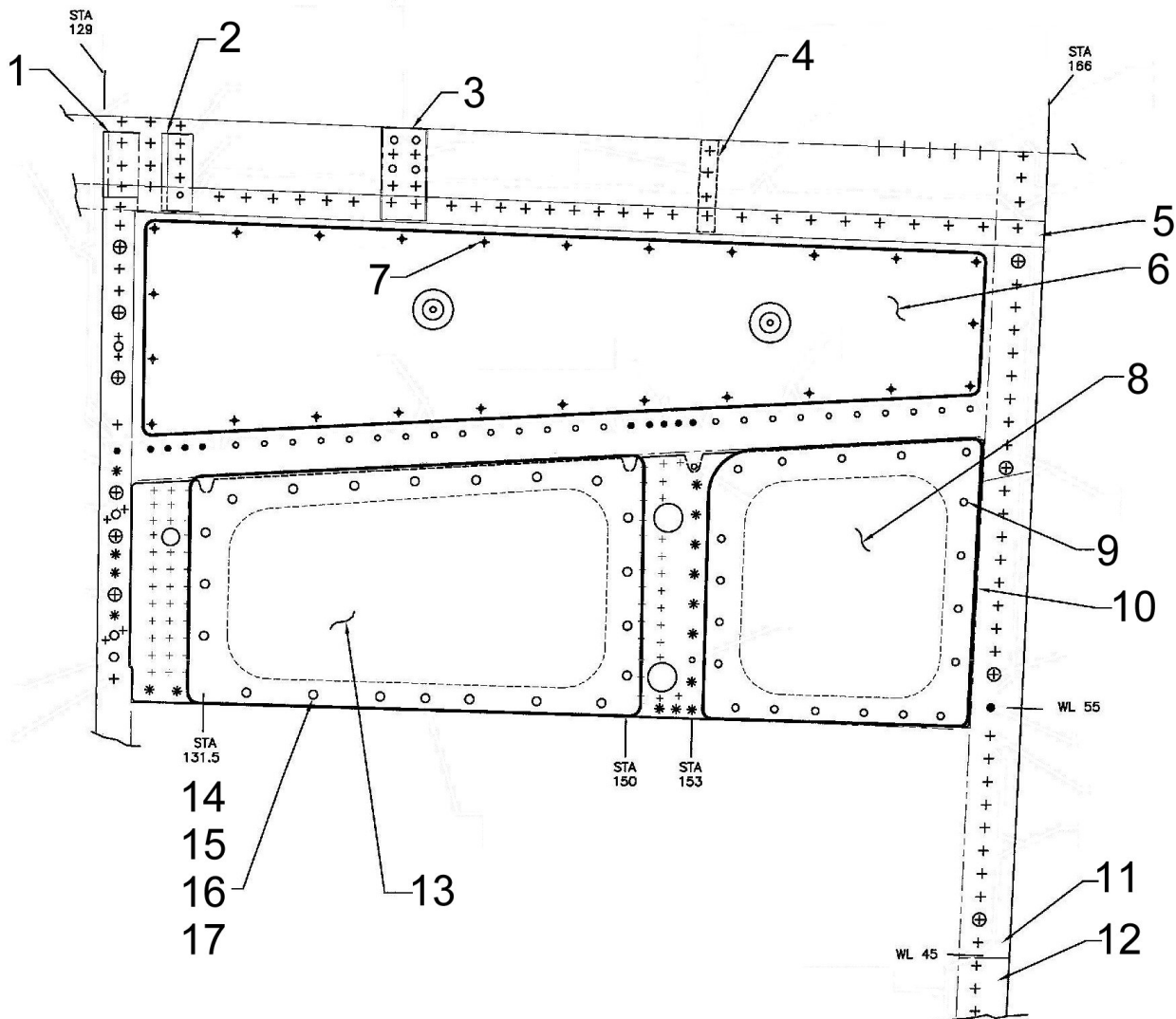


Figure 53-5 – Pylon Web

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-5				
1	212-030-042-001	Angle, LH	1	1
1	212-030-042-002	Angle, RH	1	1
2	205-030-628-003	Roof Bracket, LH	1	1
2	205-030-628-004	Roof Bracket, RH	1	1
3	205-030-163-163	Doubler, LH	1	1
3	205-030-164-167	Doubler, RH	1	1
4	205-060-208-001	Support, LH	1	1
4	205-060-208-002	Support, RH	1	1
5	205-030-164-263	Stiffener, LH	1	1
5	205-030-163-295	Stiffener, RH	1	1
6	205-031-221-001	Cover, LH	1	1
6	205-031-221-002	Cover, RH	1	1
7	AN3-4A	Bolt	25	1
7	MS21069L3	Nutplate	25	1
8	D212-725-1-001	Panel, LH	1	1
8	D212-725-1-002	Panel, RH	1	1
9	1915-5-4	Bolt	13	1
9	1943-5	Retainer	13	1
9	1950-5	Receptacle	13	1
10	D212-725-1-133	Doubler	1	1
11	205-030-163-401	Stiffener, LH	1	1
11	205-030-164-347	Stiffener, RH	1	1
12	205-030-163-103	Attachment, LH	1	1
12	205-030-164-103	Attachment, RH	1	1
13	D212-725-1-003	Panel, LH	1	1
13	D212-725-1-004	Panel, RH	1	1
14	SV4P6	Stud Assembly	21	1
15	V4-106	Retainer	21	1
15	50-027-1	Retainer (Alternate Part)	21	1
16	V4-109	Receptacle	21	1
16	50-017-1	Receptacle (Alternate Part)	21	1
17	V4-116-62	Shim	21	1
17	50-030-1	Shim (Alternate Part)	21	1

UOC Code

1 – S/N 30687, 30931, 30576, and 30817

53-00-00

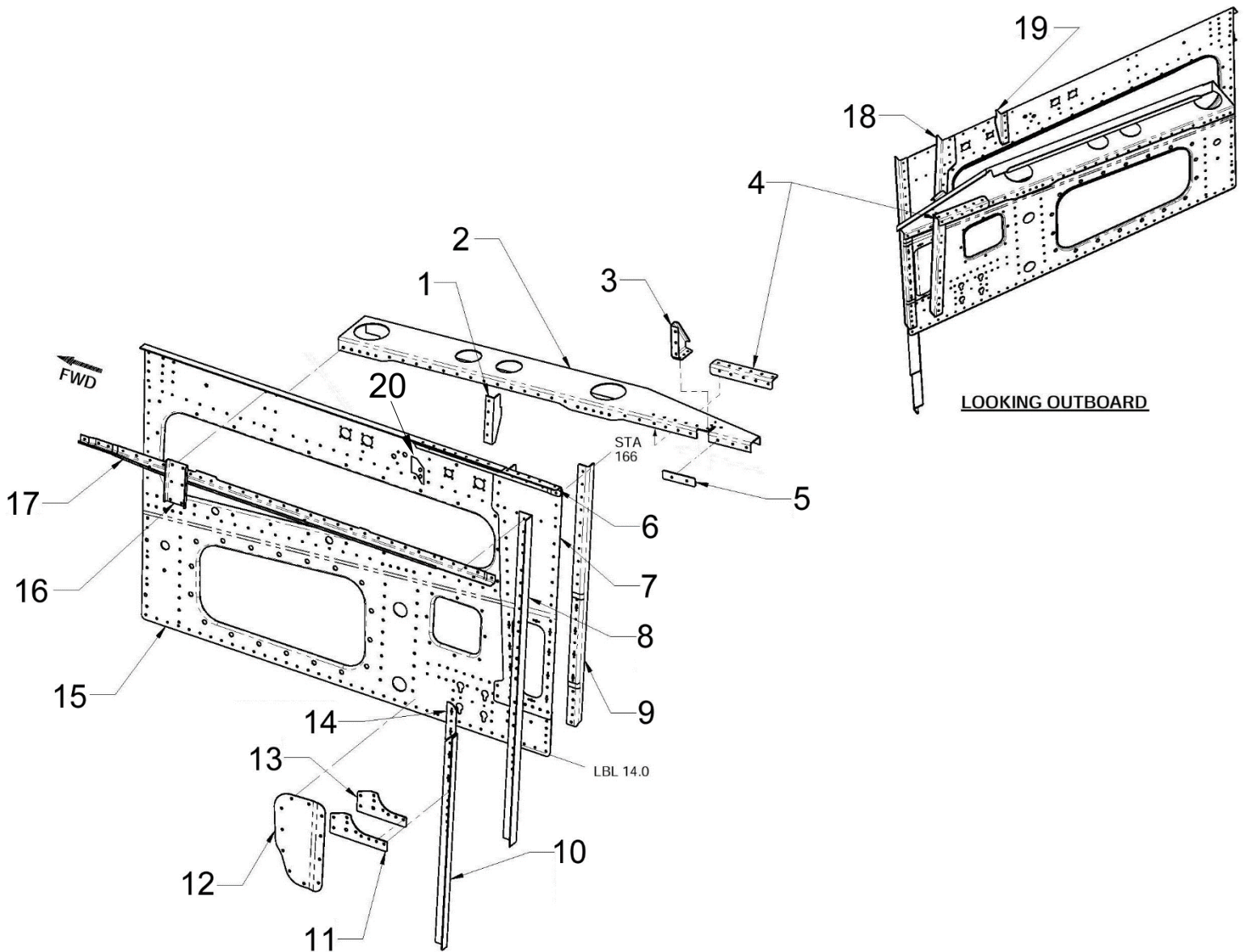


Figure 53-6 – Pylon Web

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-6				
1	205-060-208-001	Support, LH	1	1
1	205-060-208-002	Support, RH	1	1
2	205-030-919-041	Channel, LH	1	1
2	205-030-919-042	Channel, RH	1	1
3	205-030-919-117	Bracket, LH	1	1
3	205-030-919-121	Bracket, LH	1	1
3	205-030-919-118	Bracket, RH	1	1
3	205-030-919-122	Bracket, RH	1	1
4	D212-725-1-179	Angle	1	1
5	D212-725-1-191	Shim	1	1
6	D212-725-1-181	Angle, LH	1	1
6	D212-725-1-185	Angle, RH	1	1
7	D212-725-1-175	Web, LH	1	1
7	D212-725-1-176	Web, RH	1	1
8	205-030-163-103	Attachment, LH	1	1
8	205-030-164-103	Attachment, RH	1	1
9	D212-725-1-183	Attachment, LH	1	1
9	D212-725-1-184	Attachment, RH	1	1
10	205-030-163-401	Stiffener, LH	1	1
10	205-030-164-347	Stiffener, RH	1	1
11	212-030-163-239	Doubler, LH	1	1
11	212-030-163-217	Doubler, RH	1	1
12	D212-725-1-177	Cover, LH	1	1
12	D212-725-1-178	Cover, RH	1	1
13	D212-725-1-187	Packer	1	1
14	D212-725-1-189	Filler	1	1
15	212-030-163-247	Web, LH	1	1
15	212-030-163-261	Web, LH	1	1
15	212-030-164-229	Web, RH	1	1
15	212-030-164-235	Web, RH	1	1
16	205-030-163-163	Support, LH	1	1
16	205-030-164-167	Support, RH	1	1
17	205-030-163-295	Stiffener, LH	1	1
17	205-030-164-263	Stiffener, RH	1	1
18	212-030-163-087	Attachment, LH	1	1
18	212-030-163-409	Attachment, LH	1	1
18	212-030-164-083	Attachment, RH	1	1
19	205-060-208-001	Bracket, LH	1	1
19	205-060-208-002	Bracket, RH	1	1
20	E212-1016-101	Fuel Qty Disconnect Bracket	1	1

UOC Code

1 – All S/N's except 30687, 30931, 30576, and 30817

53-00-00

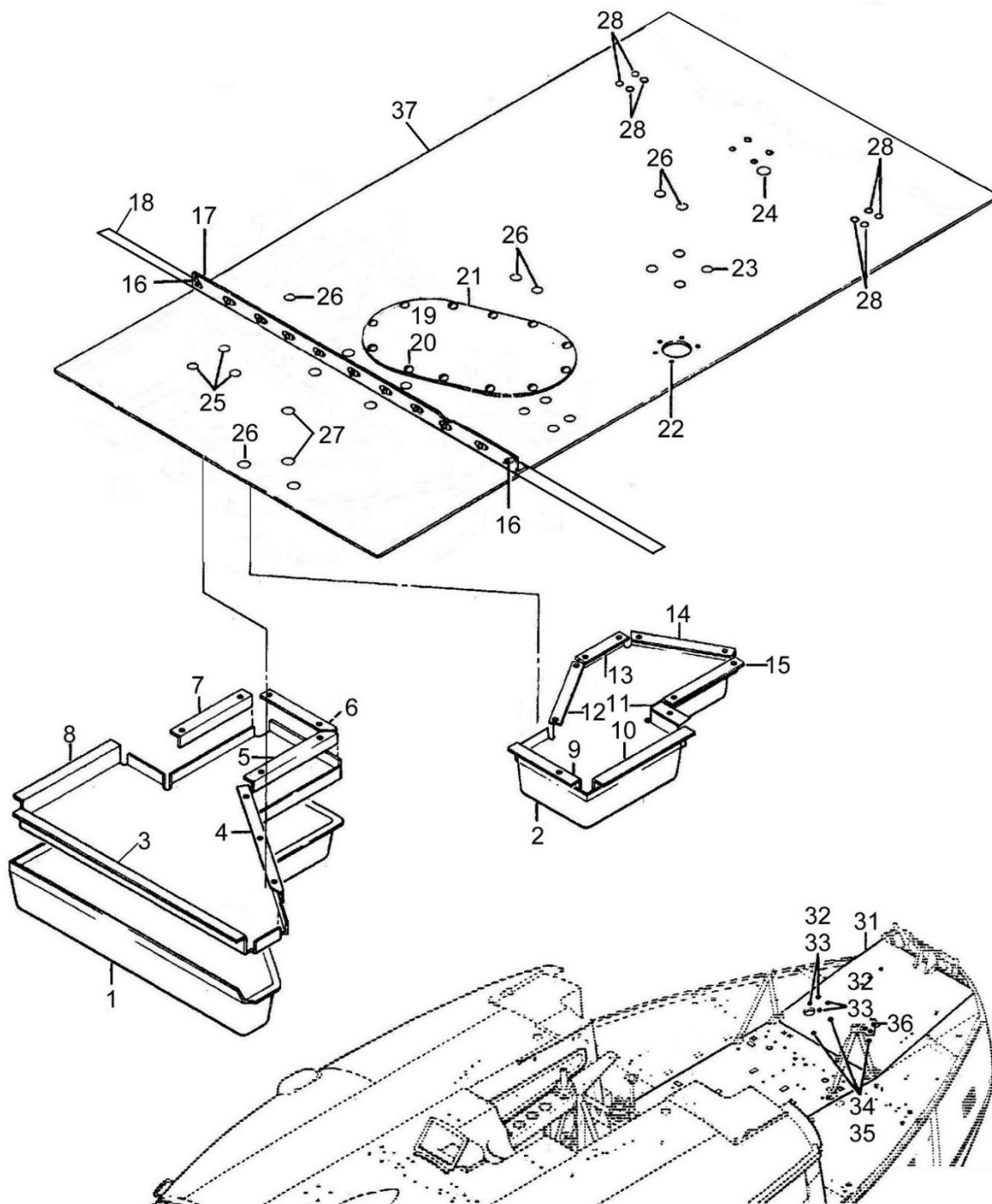


Figure 53-7 – Engine Deck (Sheet 1 of 2)

53-00-00

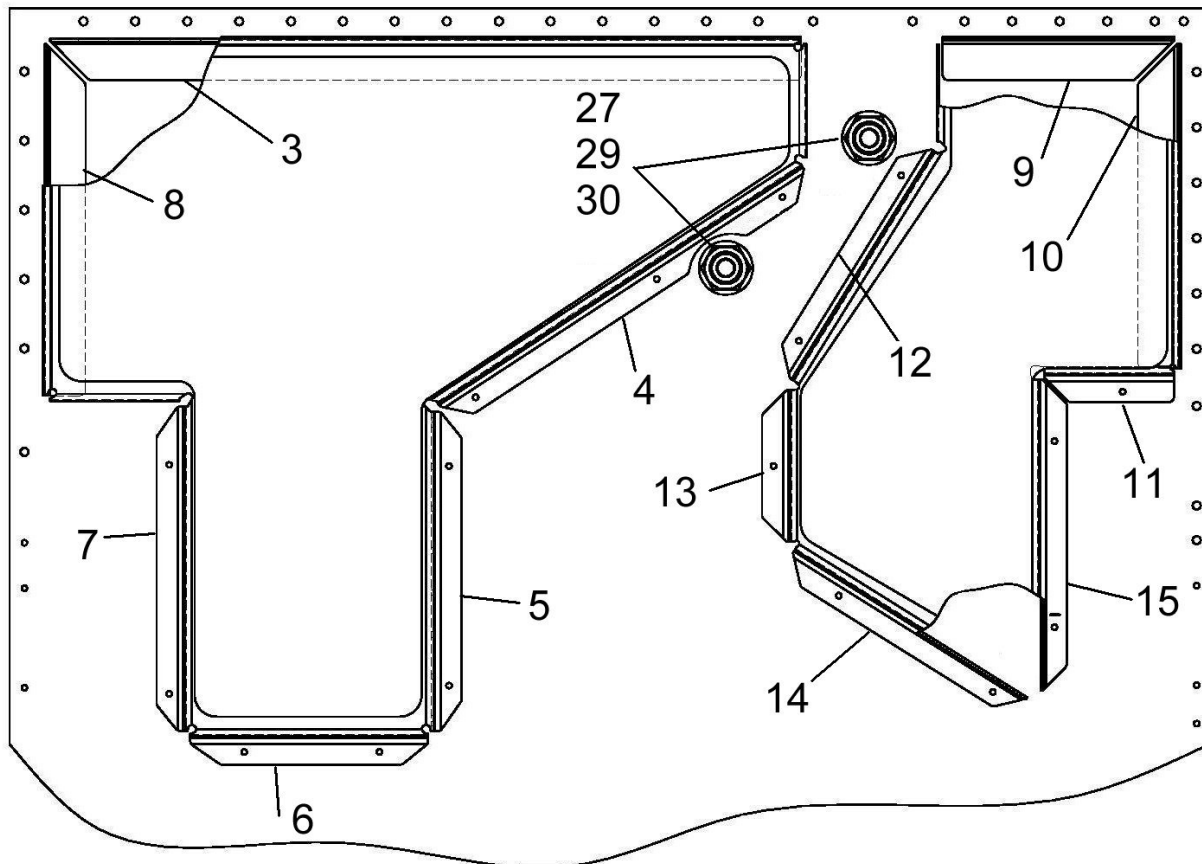


Figure 53-8 – Engine Deck (Sheet 2 of 2)

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-7 and Figure 53-8				
1	212-030-108-007	Filler Assembly	1	
2	212-030-108-005	Filler Assembly	1	
3	D212-725-1-235A	Angle – made from D212-725-1-235	1	
4	D212-725-1-237A	Angle – made from D212-725-1-237	1	
5	D212-725-1-237B	Angle – made from D212-725-1-237	1	
6	D212-725-1-237C	Angle – made from D212-725-1-237	1	
7	D212-725-1-237D	Angle – made from D212-725-1-237	1	
8	D212-725-1-235B	Angle – made from D212-725-1-235	1	
9	D212-725-1-235C	Angle – made from D212-725-1-235	1	
10	D212-725-1-235D	Angle – made from D212-725-1-235	1	
11	D212-725-1-237E	Angle – made from D212-725-1-237	1	
12	D212-725-1-237F	Angle – made from D212-725-1-237	1	
13	D212-725-1-237G	Angle – made from D212-725-1-237	1	
14	D212-725-1-237H	Angle – made from D212-725-1-237	1	
15	D212-725-1-237J	Angle – made from D212-725-1-237	1	
16	MS21069K3	Nutplate	12	
17	D212-725-1-091	Angle	1	
18	D212-725-1-089	Strap	1	
19	AN525-10R6	Screw	12	
20	NAS1474A3	Nutplate	12	
21	205-030-827-011	Door	1	
22	MS21069L3	Nutplate	5	
23	80-005-2-8	Insert	12	
24	80-004-2-12	Insert	1	
25	80-004-2-8	Insert	3	
26	80-004-2-8	Insert	6	
27	D212-725-1-105	Bushing	4	
28	80-005-2-12	Insert	8	
29	D212-725-1-093	Union	2	
30	AN924-8J	Nut	4	
32	80-011-P12F1-9	Plug	4	
33	80-011-S12F12-9	Sleeve	4	
34	P102F25-1	Plug	3	
34	P102D25-1	Plug	3	
35	80-011-S12F12-0	Sleeve	3	
36	80-004-2-12	Insert	3	
37	205-031-197-099	Engine Deck	1	
37	2H5-031-197-099	Engine Deck (Alternate Part)	1	

53-00-00

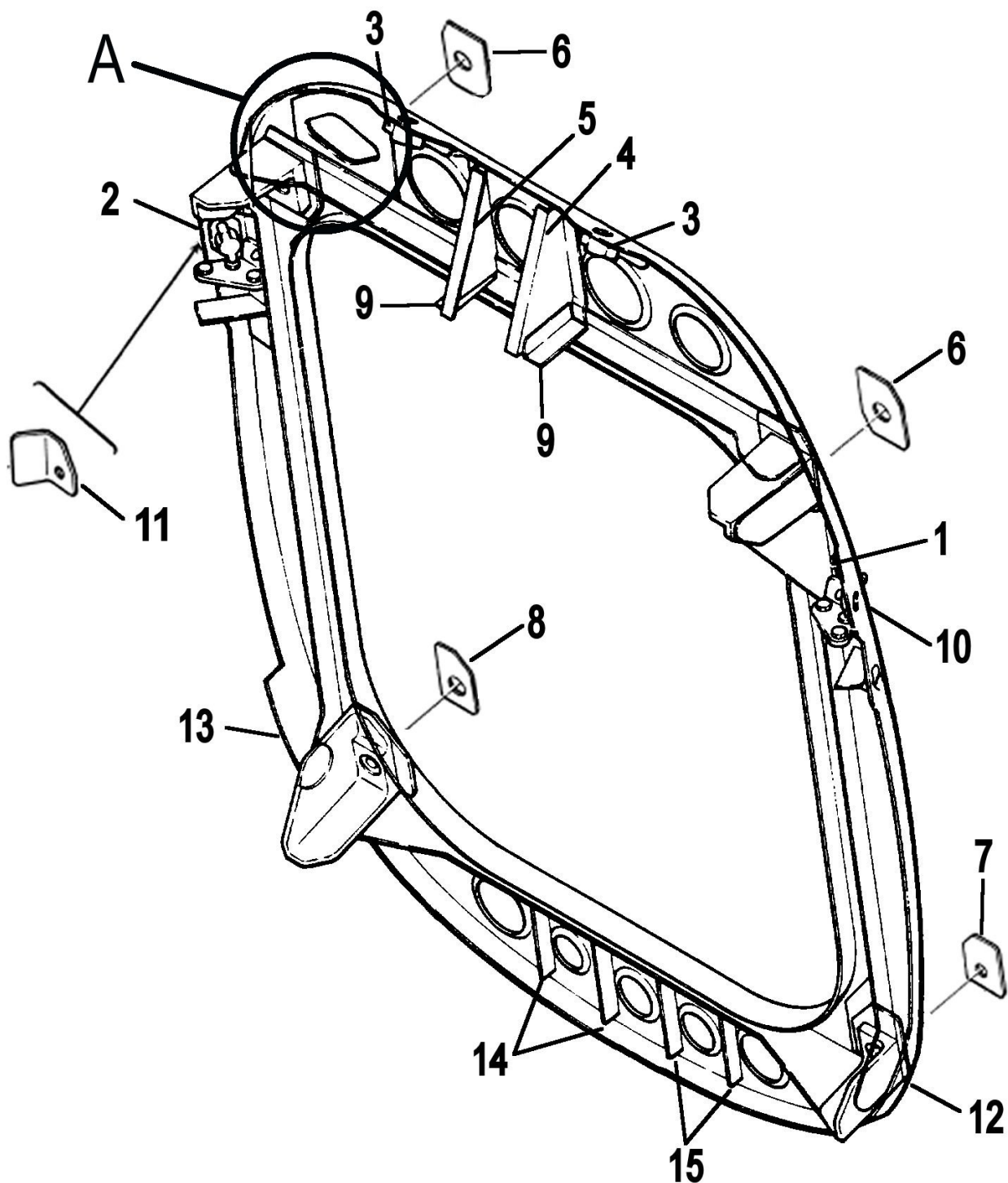


Figure 53-9 - Bulkhead Installation (Sheet 1 of 3)

53-00-00

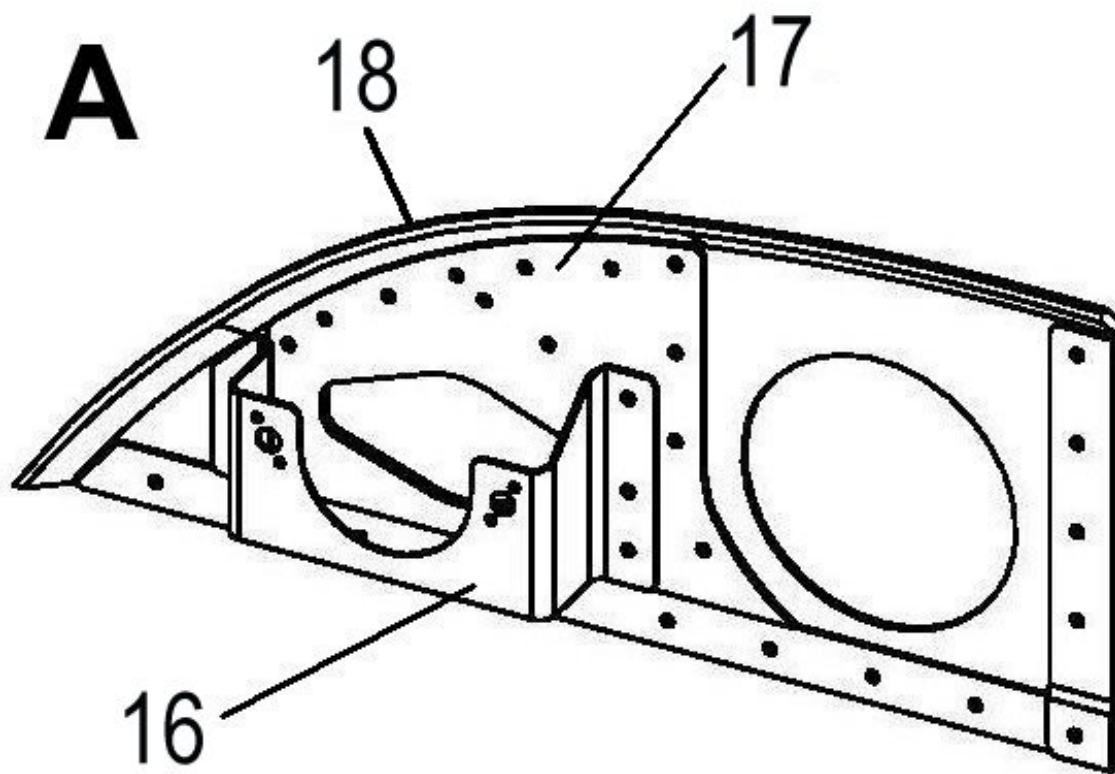


Figure 53-10 - Bulkhead Installation (Sheet 2 of 3)

53-00-00

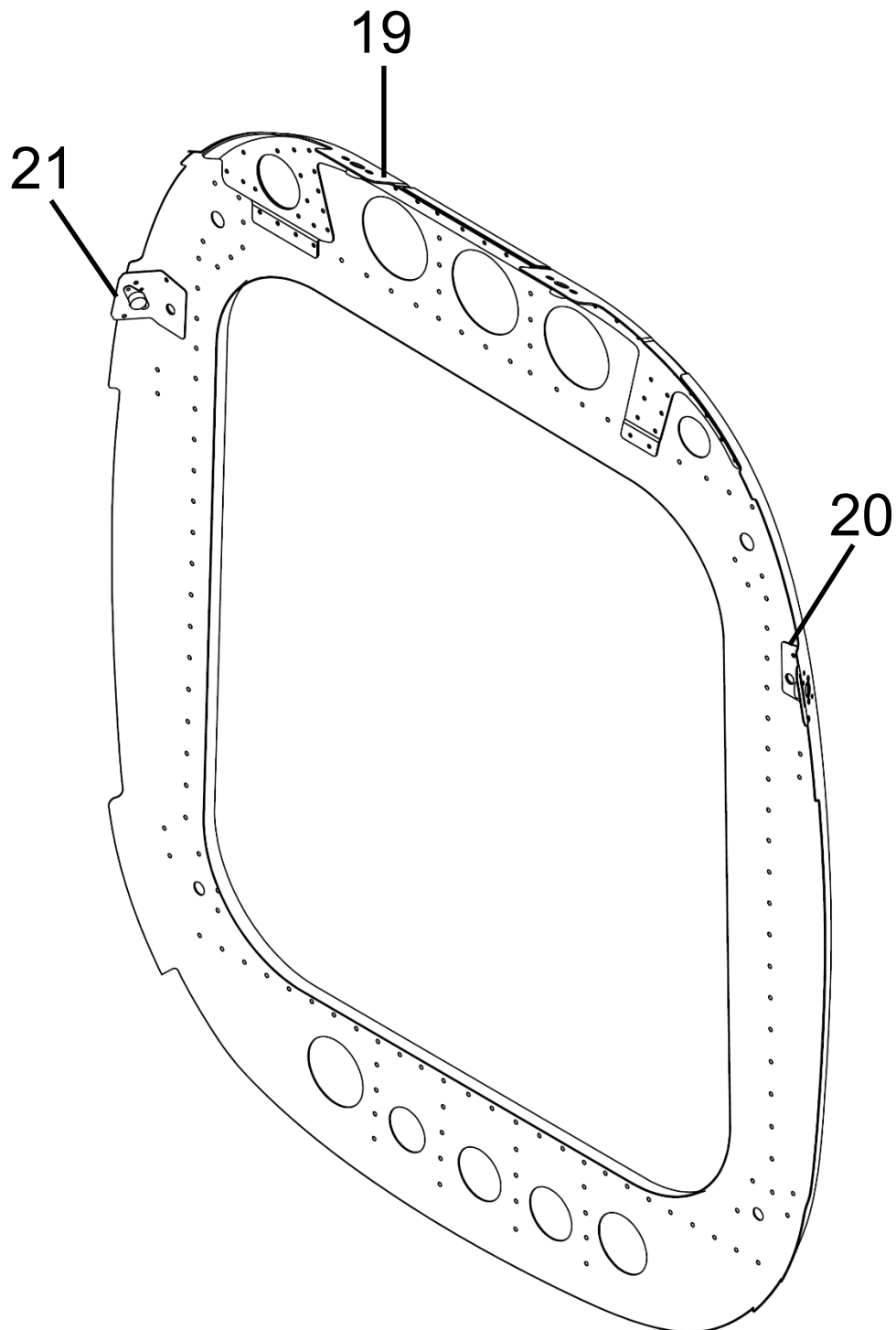


Figure 53-11 – Bulkhead Installation (Sheet 3 of 3)

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-9, Figure 53-10 and Figure 53-11				
1	D212-725-1-275	Receptacle Clip	1	1
2	D212-725-1-276	Receptacle Clip	1	1
3	D212-725-1-277	Receptacle Clip	2	1
4	D212-725-1-279	Bracket, LH	1	1
5	D212-725-1-280	Bracket, RH	1	1
6	205-030-712-017	Plate	2	1
7	205-030-712-041	Plate	1	1
8	205-030-712-043	Plate	1	1
9	212-030-156-017	Clip	2	1
10	212-030-156-037	Clip, RH	1	1
11	212-030-156-038	Clip, LH	1	1
12	212-030-156-117	Doubler	1	1
13	212-030-156-119	Doubler	1	1
14	212-030-156-125	Stiffener	2	1
15	212-030-156-129	Stiffener	2	1
16	D212-725-1-117	Fairlead Bracket	1	1
17	D212-725-1-211	Doubler	1	1
18	205-030-713-075	Aft Bulkhead	1	1
19	E212-1011-101	Top Bracket	1	2
20	E212-1011-103	Clip, LH	1	2
21	E212-1011-104	Clip, RH	1	2

UOC Code

- 1 – S/N 30687, 30931, 30576, 30817, 30599, 30544, 30866, 30826, 30640, 31118, 31218, 30676, 31105, 31265, 30882 and 30759
 2 — All S/N's except 30687, 30931, 30576, 30817, 30599, 30544, 30866, 30826, 30640, 31118, 31218, 30676, 31105, 31265, 30882 and 30759

53-00-00

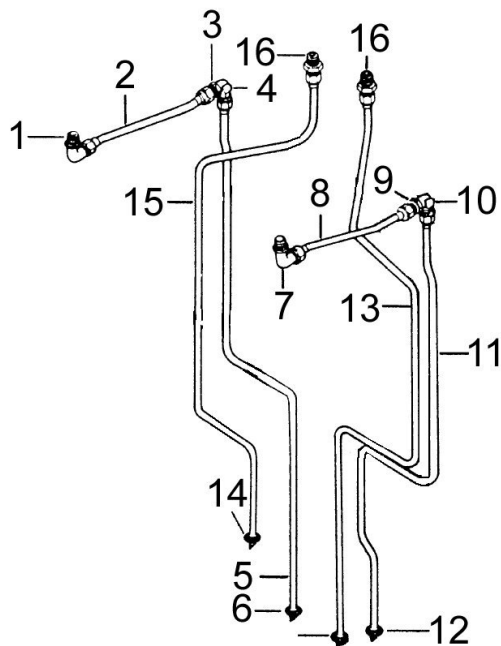
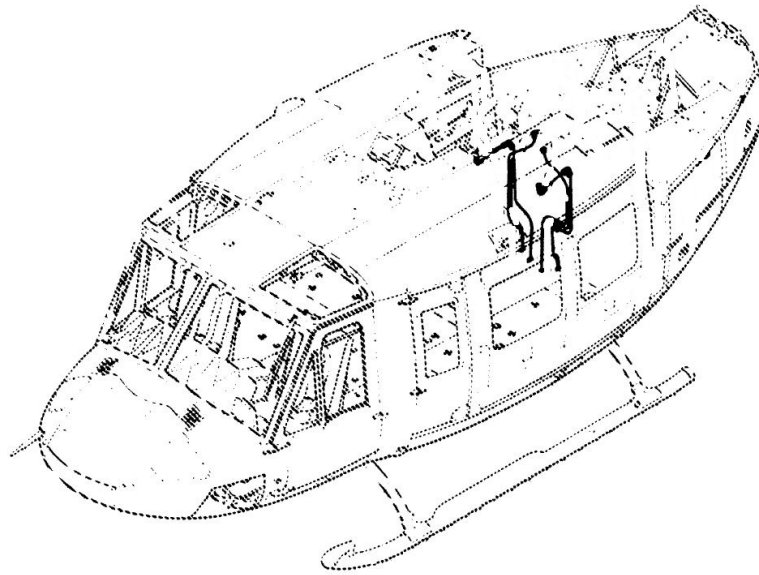


Figure 53-12 — Drain Installation (Sheet 1 of 2)

53-00-00

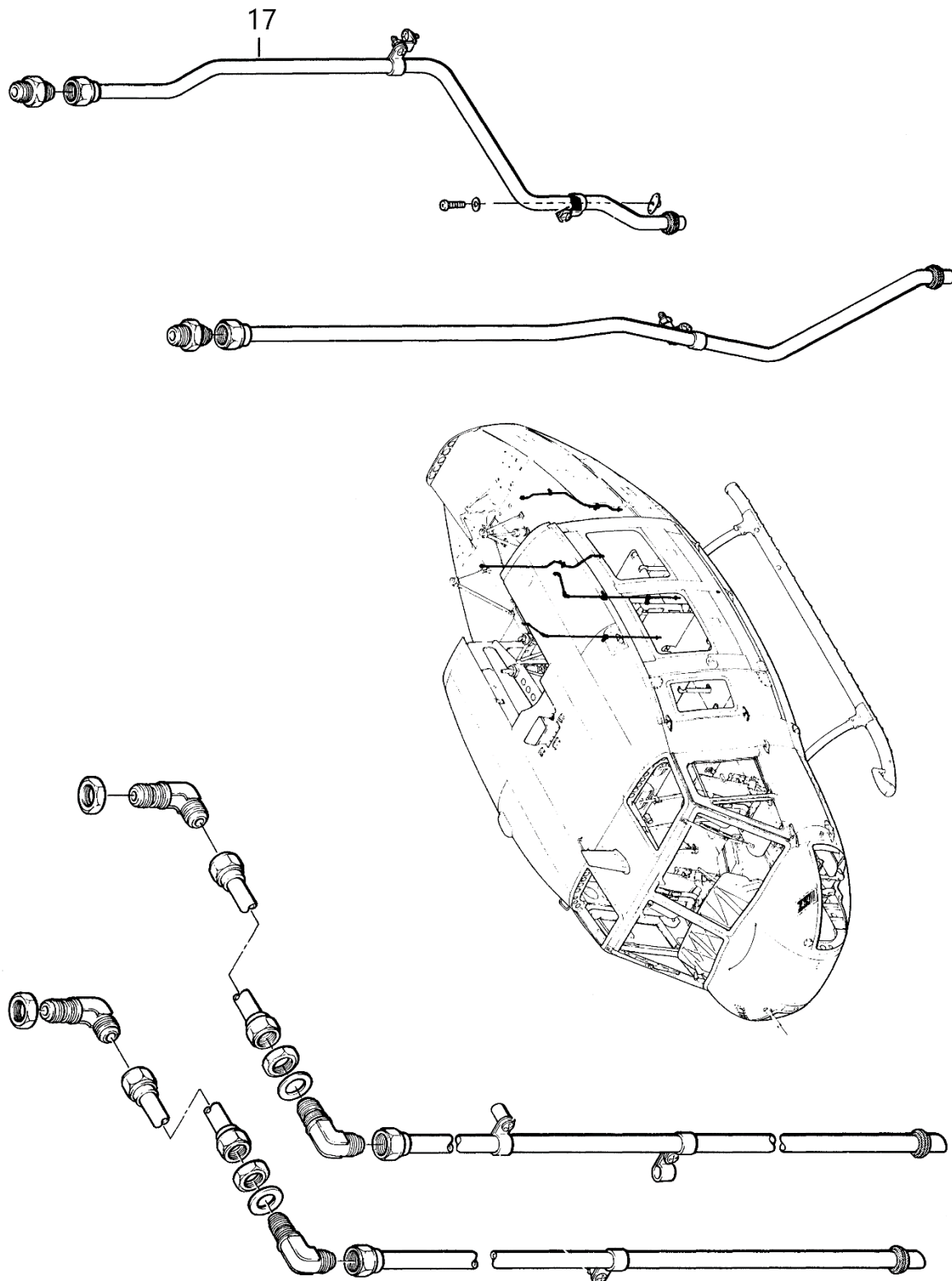


Figure 53-13 — Drain Installation (Sheet 2 of 2)

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-12 and Figure 53-13				
1	212-030-323-003	Fitting	1	
2	D212-725-1-903	Tube Assembly	1	
3	AN924-10J	Nut	1	
4	AN833-10J	Elbow	1	
5	212-030-322-001	Tube Assembly	1	
6	MS35489-17	Grommet	1	
7	212-030-323-003	Fitting	1	
8	D212-725-1-903	Tube Assembly	1	
9	AN924-10J	Nut	1	
10	AN833-10J	Elbow	1	
11	212-030-321-001	Tube Assembly	1	
12	MS35489-17	Grommet	1	
13	D212-725-1-937	Tube Assembly	1	
14	MS35489-17	Grommet	1	
15	212-030-325-001	Tube Assembly	1	
16	D212-725-1-255	Union	2	
16	212-030-024-001	Union (Alternate Part)	2	
17	205-032-211-001	Tube Assembly (Alternate Part)	1	
17	E212-3002-041	Oil Drain Tube Assembly	1	1

UOC Code

1 – Preferred for new builds and replacements

53-00-00

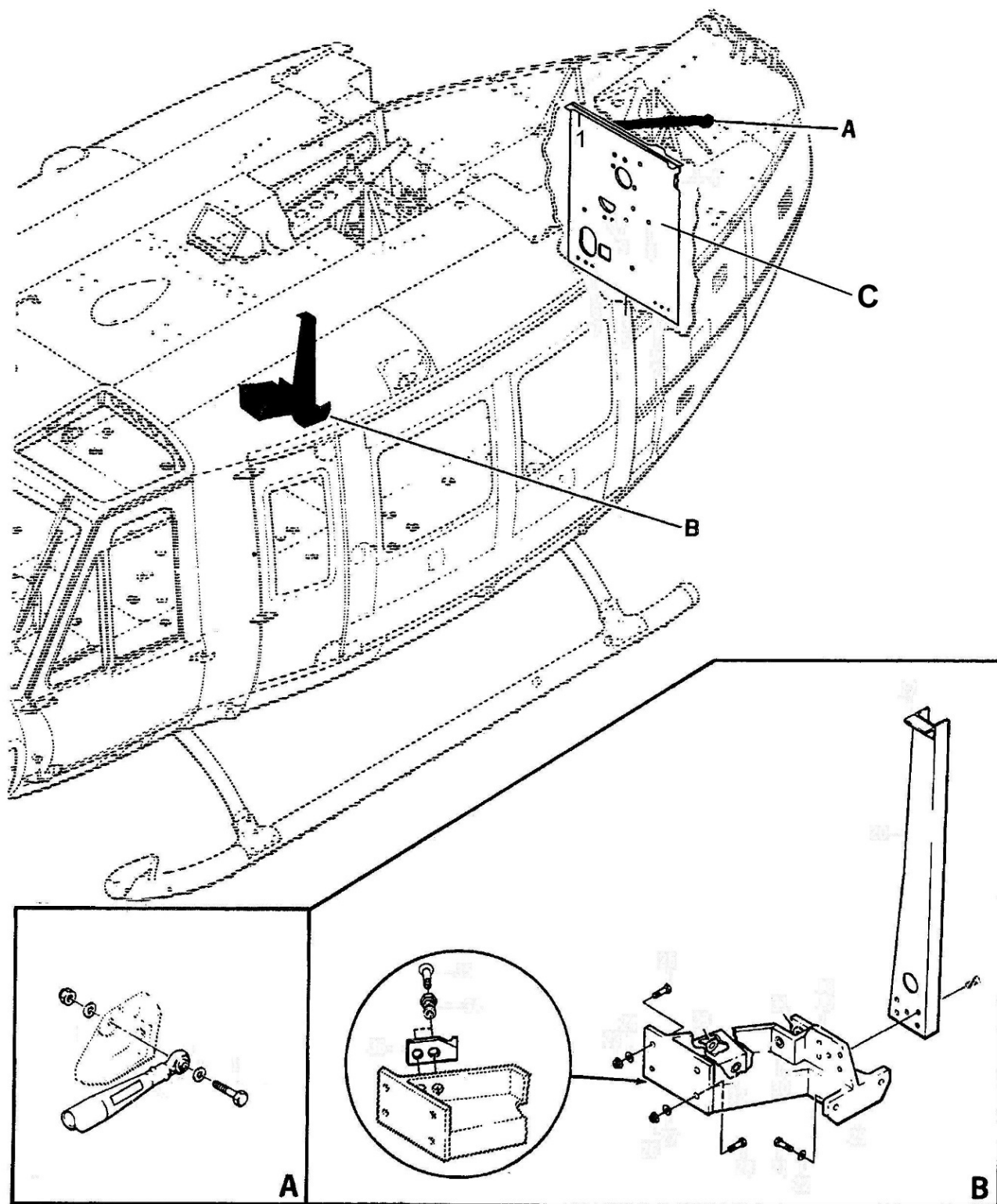


Figure 53-14 – Bulkhead, Tension Rod, Support Installation and Bulkhead Detail (Sheet 1 of 2)

53-00-00

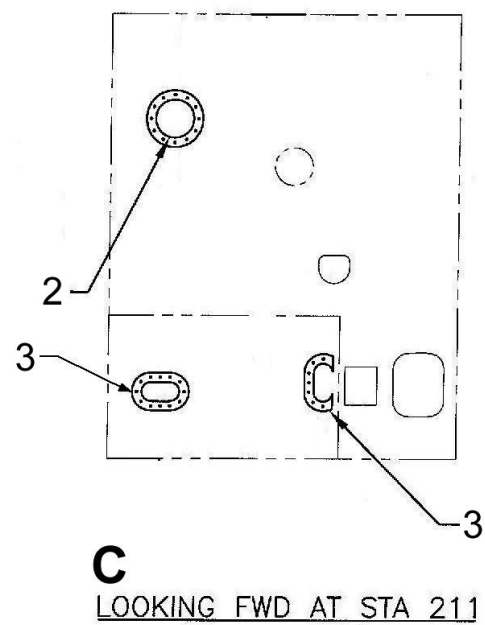
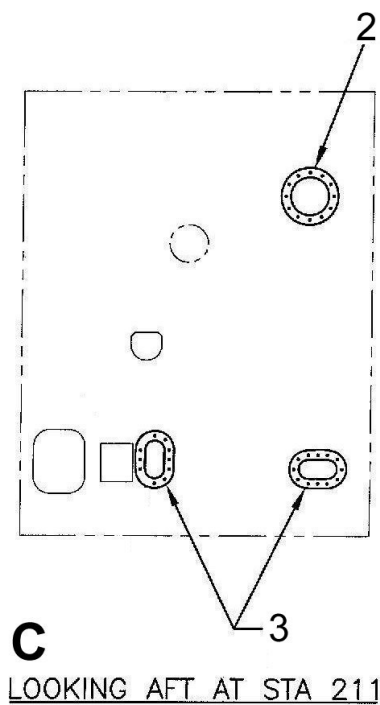


Figure 53-15 – Bulkhead, Tension Rod, Support Installation and Bulkhead Detail (Sheet 2 of 2)

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-14 and Figure 53-15				
1	D212-725-1-069	Angle	1	
2	D212-725-1-103	Doubler	2	
3	D212-725-1-005	Doubler	4	

53-00-00

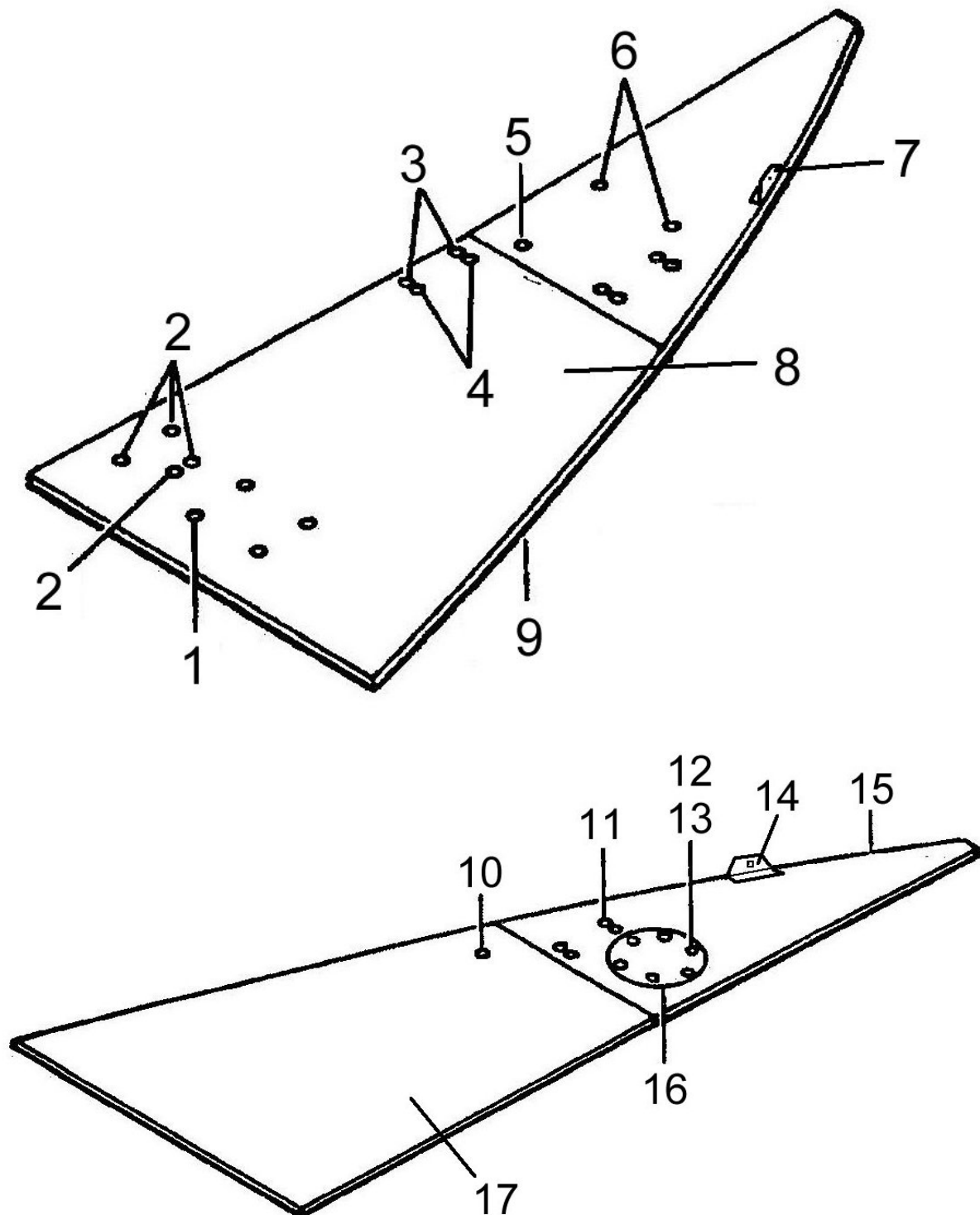


Figure 53-16 – Engine Side Service Decks

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-16				
1	80-004-2-8	Insert	8	
2	80-005-2-8	Insert	4	
3	MS21069L3	Nutplate	2	
4	MS21069L3	Nutplate	2	
5	100-046S-32B1	Plug Button	1	
6	80-004-3-8	Insert	2	
7	205-060-835-001	Bracket	1	
7	D212-725-1-197	Bracket (Alternate Part)	1	
8	205-030-280-047	Deck Assembly	1	
8	205-030-280-089	Deck Assembly (Alternate Part)	1	
9	205-030-279-045	Gutter (Made from 40-090-1)	1	
9	40-090-1	Gutter	1	
10	204-032-681-001	Drain Plug	1	
11	80-005-2-8	Insert	4	
12	MS21042L3	Nut	6	
13	AN525-10R7	Screw	6	
14	205-060-835-001	Bracket	1	
14	D212-725-1-197	Bracket (Alternate Part)	1	
15	205-030-279-045	Gutter (Made form 40-090-1)	1	
15	40-090-1	Gutter	1	
16	205-030-279-035	Cover	1	
17	205-030-279-079	Deck Assembly	1	

53-00-00

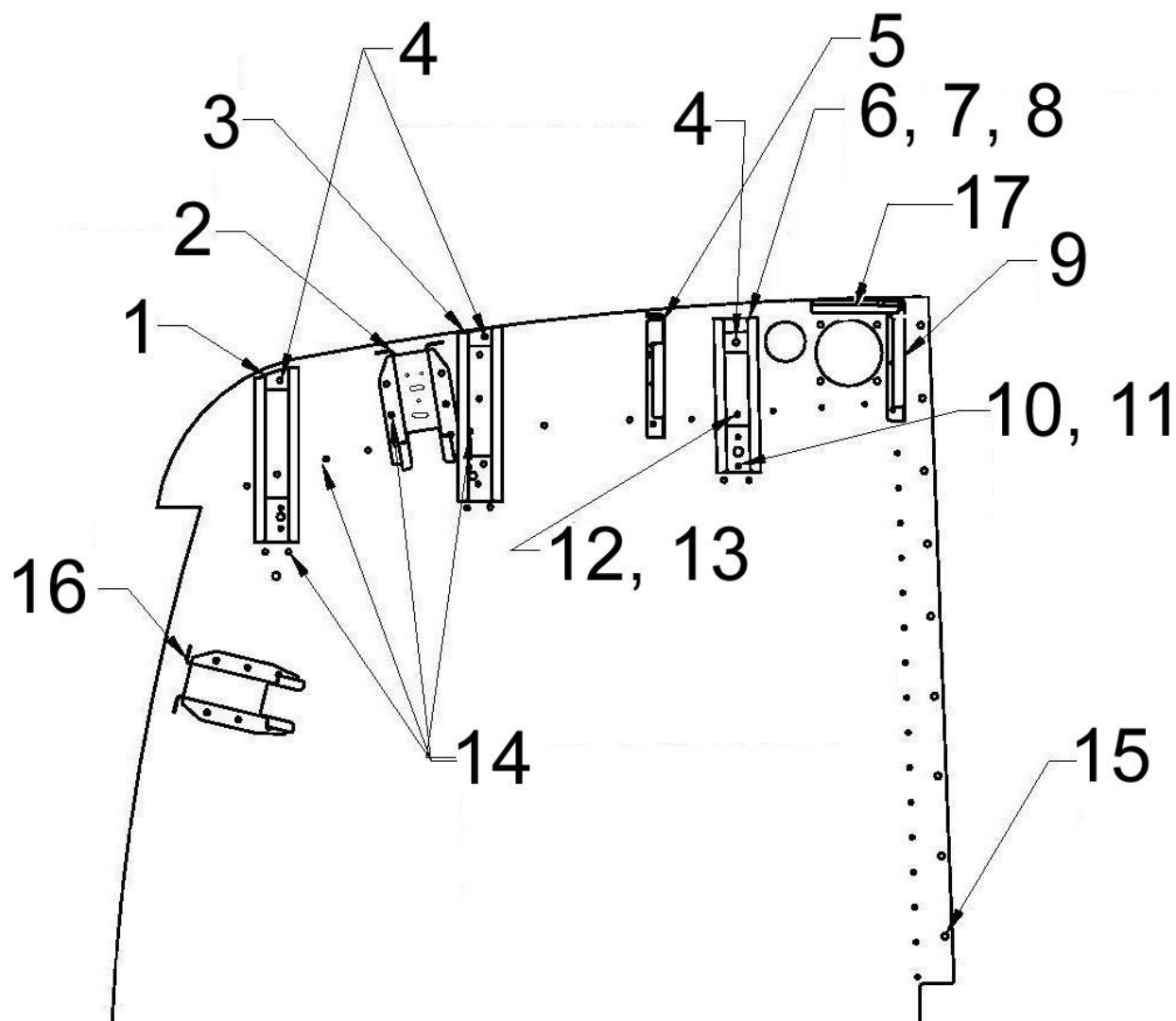


Figure 53-17 – Bulkhead Installation

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-17				
1	205-030-407-151	Support, LH	1	
1	205-030-407-152	Support, RH	1	
2	D212-725-1-075	Bracket	1	
3	205-030-407-153	Support, LH	1	
3	205-030-407-154	Support, RH	1	
4	AN3-4A	Bolt	1	
4	NAS1149D0332J	Washer	2	
4	MS21042L3	Nut	1	
5	D212-725-1-079	Gusset, LH	1	
5	D212-725-1-080	Gusset, RH	1	
6	D212-725-1-081	Support	1	
7	D212-725-1-095	Radius Block	1	
8	D212-725-1-097	Packer	1	
9	D212-725-1-077	Gusset, LH	1	
9	D212-725-1-078	Gusset, RH	1	
10	D212-725-1-099	Radius Block	1	
11	NAS1473-A5	Nutplate	1	
12	D212-725-1-101	Spacer	1	
13	NAS43DD5-24	Spacer (Alternate Part)	1	
14	D212-725-1-101	Spacer	1	
15	MS21069L3	Nutplate	9	
16	205-030-411-011	Bracket	1	
16	205-030-411-103	Bracket (Alternate Part)	1	
17	D212-725-1-113	Gusset, LH	1	
17	D212-725-1-114	Gusset, RH	1	

53-00-00

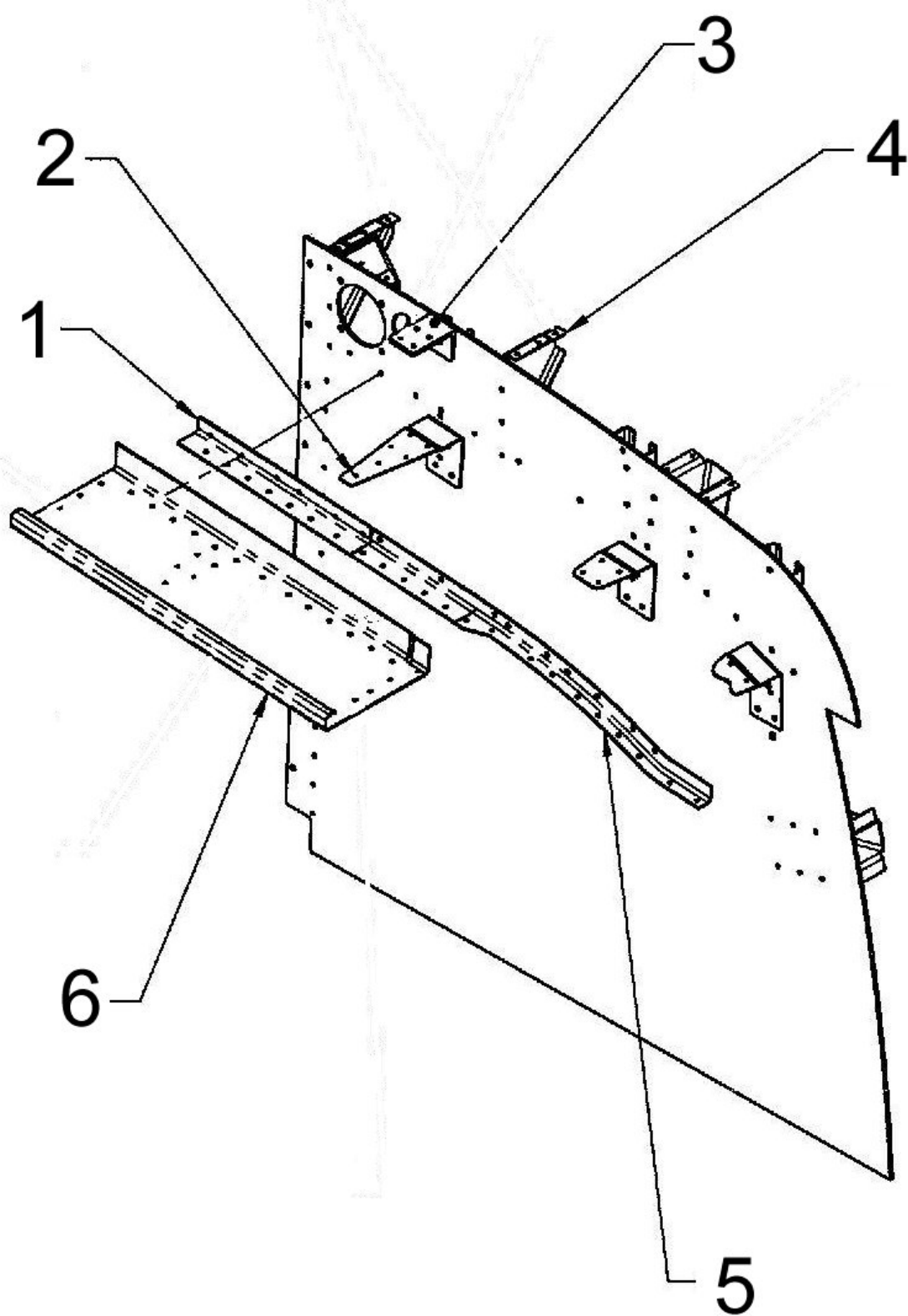


Figure 53-18 – Bulkhead Installation

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-18				
1	D212-725-1-107	Angle	1	
2	D212-725-1-085	Bracket	1	
3	D212-725-1-115	Angle	1	
4	D212-725-1-079	Bracket, LH	1	
4	D212-725-1-080	Bracket, RH	1	
5	205-030-407-421	Angle, LH	1	
5	205-030-407-422	Angle, RH	1	
6	D212-725-1-083	Shelf Splice, LH	1	
6	D212-725-1-084	Shelf Splice, RH	1	

53-00-00

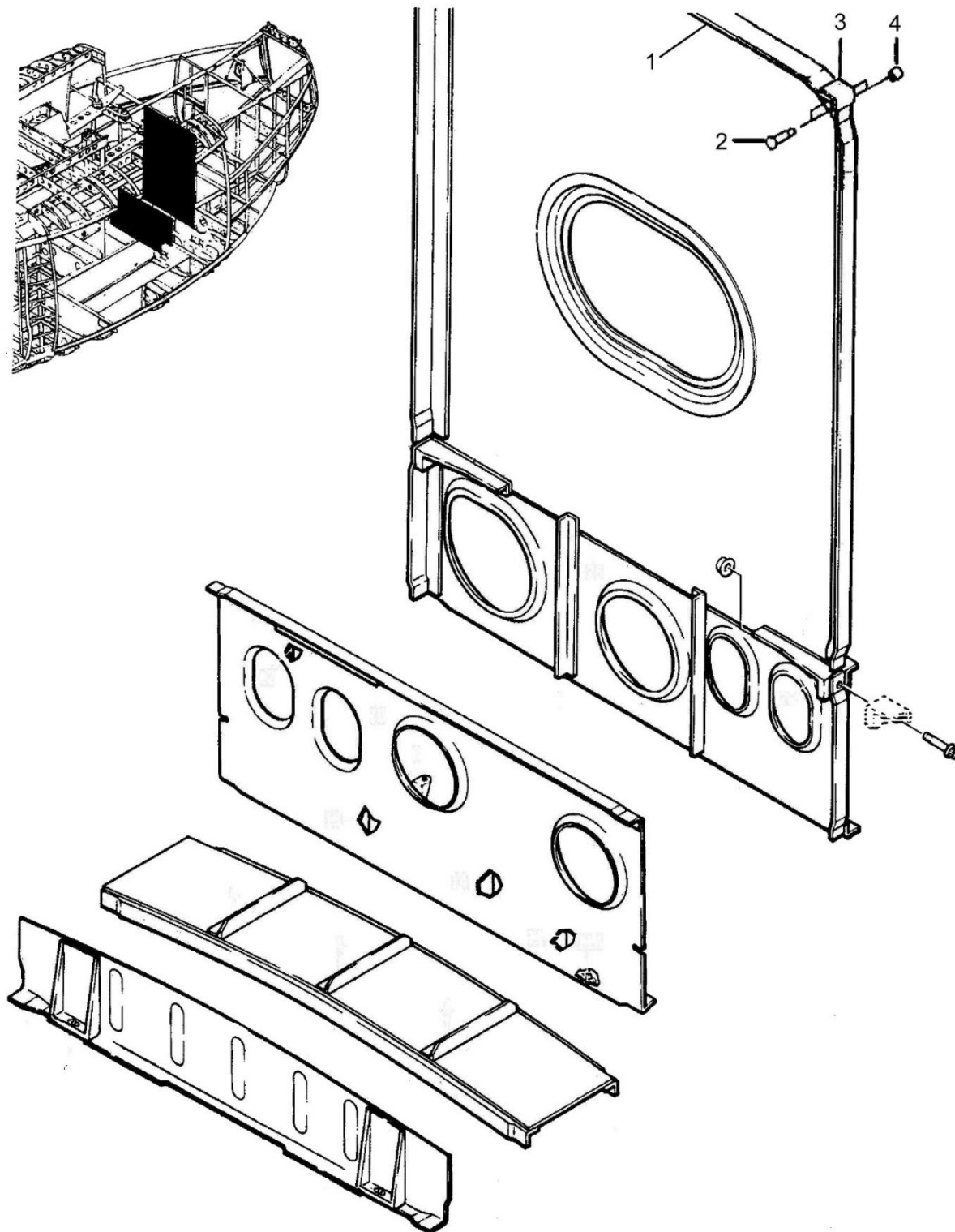


Figure 53-19 – Bulkhead and Cover Installation

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-19				
1	205-030-711-035	Cap Angle	1	
2	NAS1054-6-4	Pin	4	
3	205-030-289-003	Fitting, LH	1	
3	205-030-289-004	Fitting, RH	1	
4	NAS179-6	Collar	4	

53-00-00

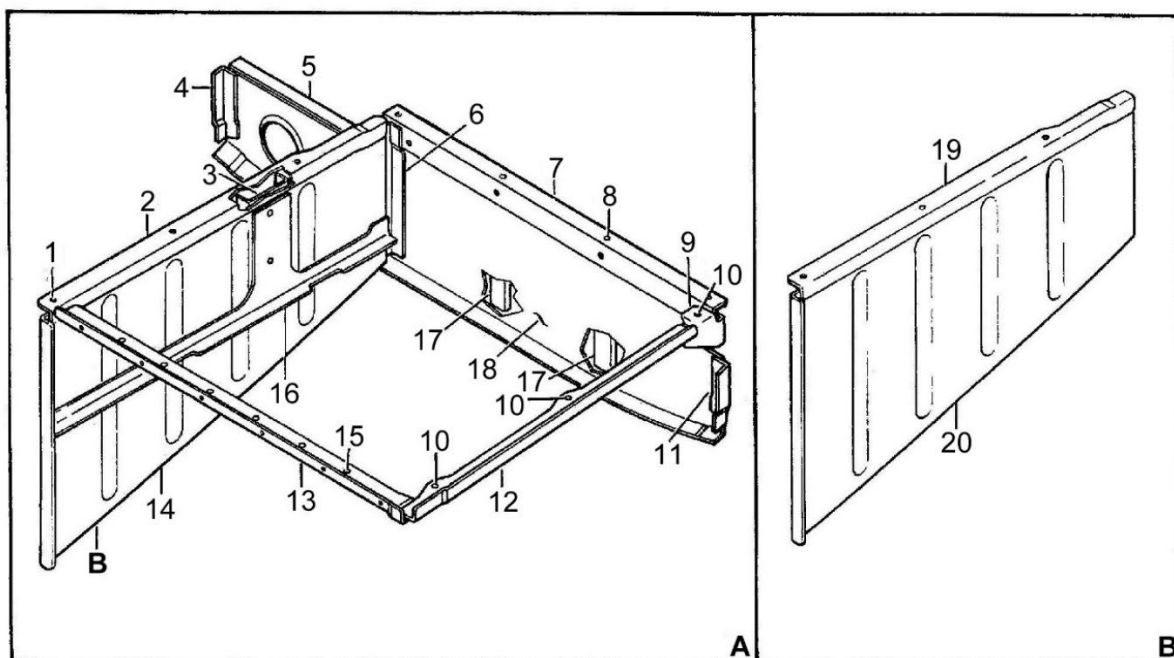
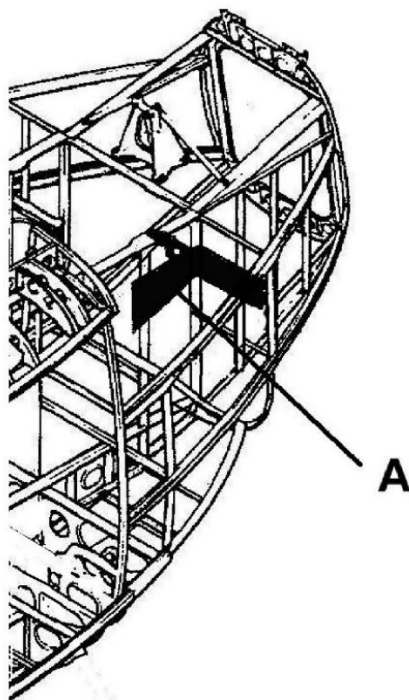


Figure 53-20 – Oil Cooler Support

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-20				
1	MS21075L3	Nutplate	3	
2	205-032-107-037	Support	1	
2	D212-725-1-149	Support (Alternate Part)	1	
3	205-032-107-047	Doubler	1	
3	D212-725-1-171	Doubler (Alternate Part)	1	
3	D212-725-1-173	Bracket	1	
4	205-032-107-024	Clip, RH	1	
4	D212-725-1-163	Clip, RH (Alternate Part)	1	
5	205-032-107-021	Support	1	
5	D212-725-1-155	Support (Alternate Part)	1	
6	205-032-107-029	Clip	1	
6	D212-725-1-159	Clip (Alternate Part)	1	
7	205-032-107-019	Support	1	
7	D212-725-1-153	Support (Alternate Part)	1	
8	MS21075L3	Nutplate	4	
9	205-032-107-025	Clip	1	
9	D212-725-1-169	Clip (Alternate Part)	1	
10	MS21075L3	Nutplate	3	
11	205-032-107-023	Clip, LH	1	
11	D212-725-1-167	Clip, LH (Alternate Part)	1	
12	205-032-107-033	Support	1	
12	D212-725-1-151	Support (Alternate Part)	1	
13	205-032-107-027	Support	1	
13	D212-725-1-165	Support (Alternate Part)	1	
14	205-032-107-043	Web	1	
15	MS21075L3	Nutplate	6	
16	205-032-107-045	Support	1	
16	D212-725-1-157	Support (Alternate Part)	1	
17	205-032-107-017	Stiffener	2	
17	D212-725-1-161	Stiffener (Alternate Part)	2	
18	205-032-107-015	Web	1	
19	205-032-107-035	Support	1	
20	205-032-107-031	Web	1	

53-00-00

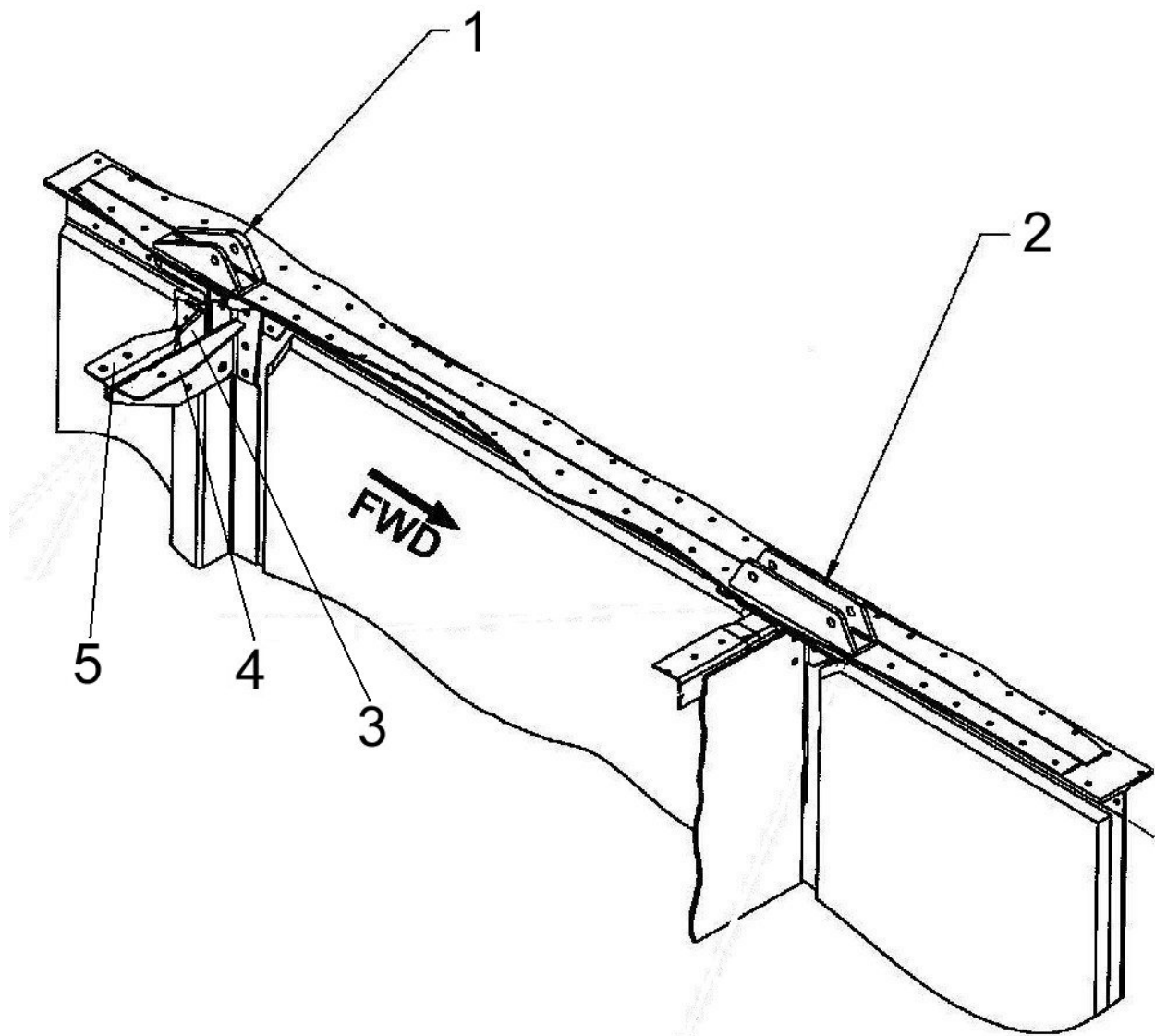


Figure 53-21 – Engine Mount Detail

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-21				
1	D212-725-1-109	Engine Mount, Aft LH	1	
1	D212-725-1-110	Engine Mount, Aft RH	1	
2	D212-725-1-111	Engine Mount Fwd	2	
3	D212-725-1-011	Angle, LH	1	
3	D212-725-1-012	Angle, RH	1	
4	D212-725-1-063	Stiffener, LH	1	
4	D212-725-1-064	Stiffener, RH	1	
5	D212-725-1-065	Stiffener, LH	1	
5	D212-725-1-066	Stiffener, RH	1	

53-00-00

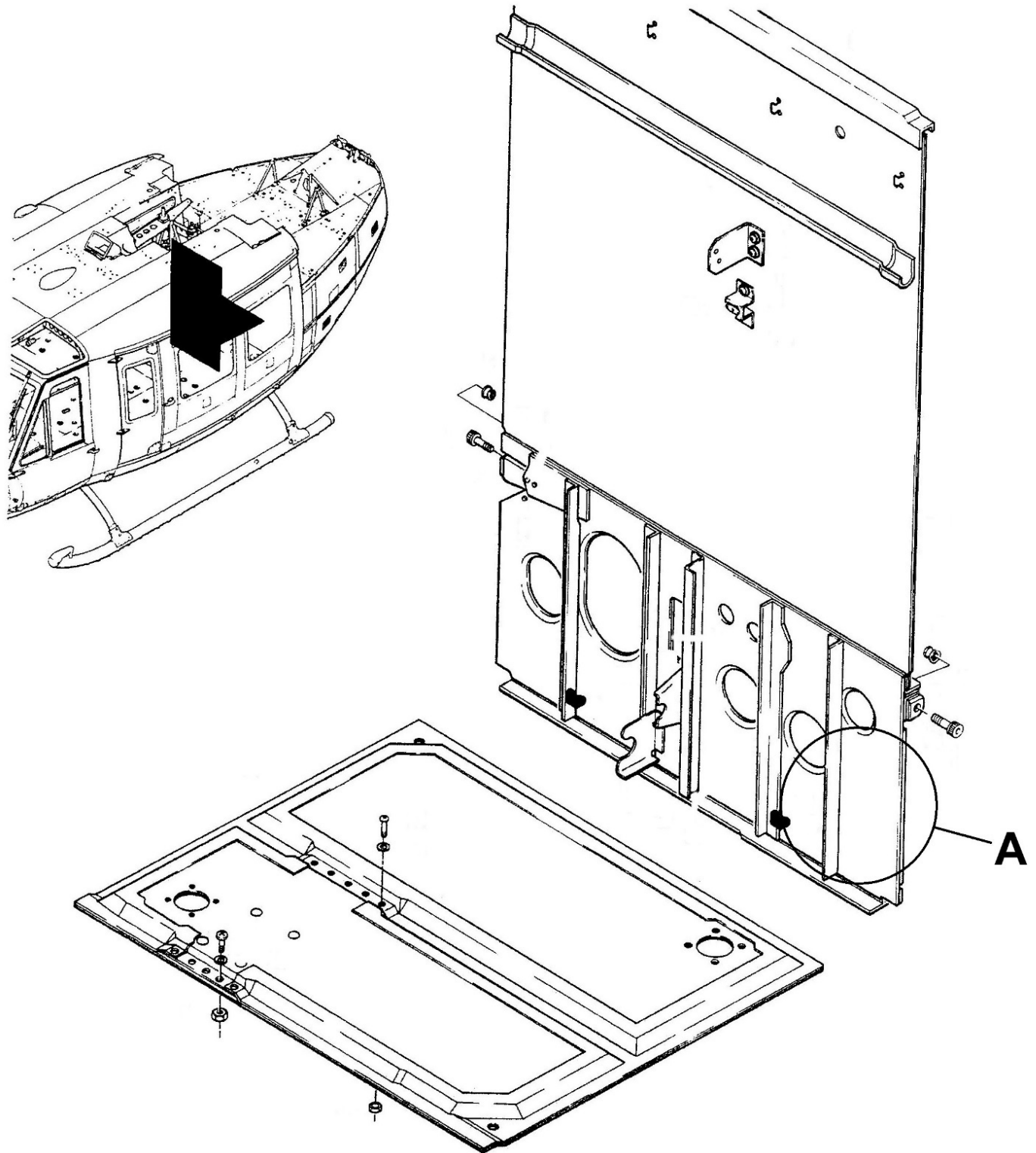


Figure 53-22 – Bulkhead Detail (Sheet 1 of 2)

53-00-00

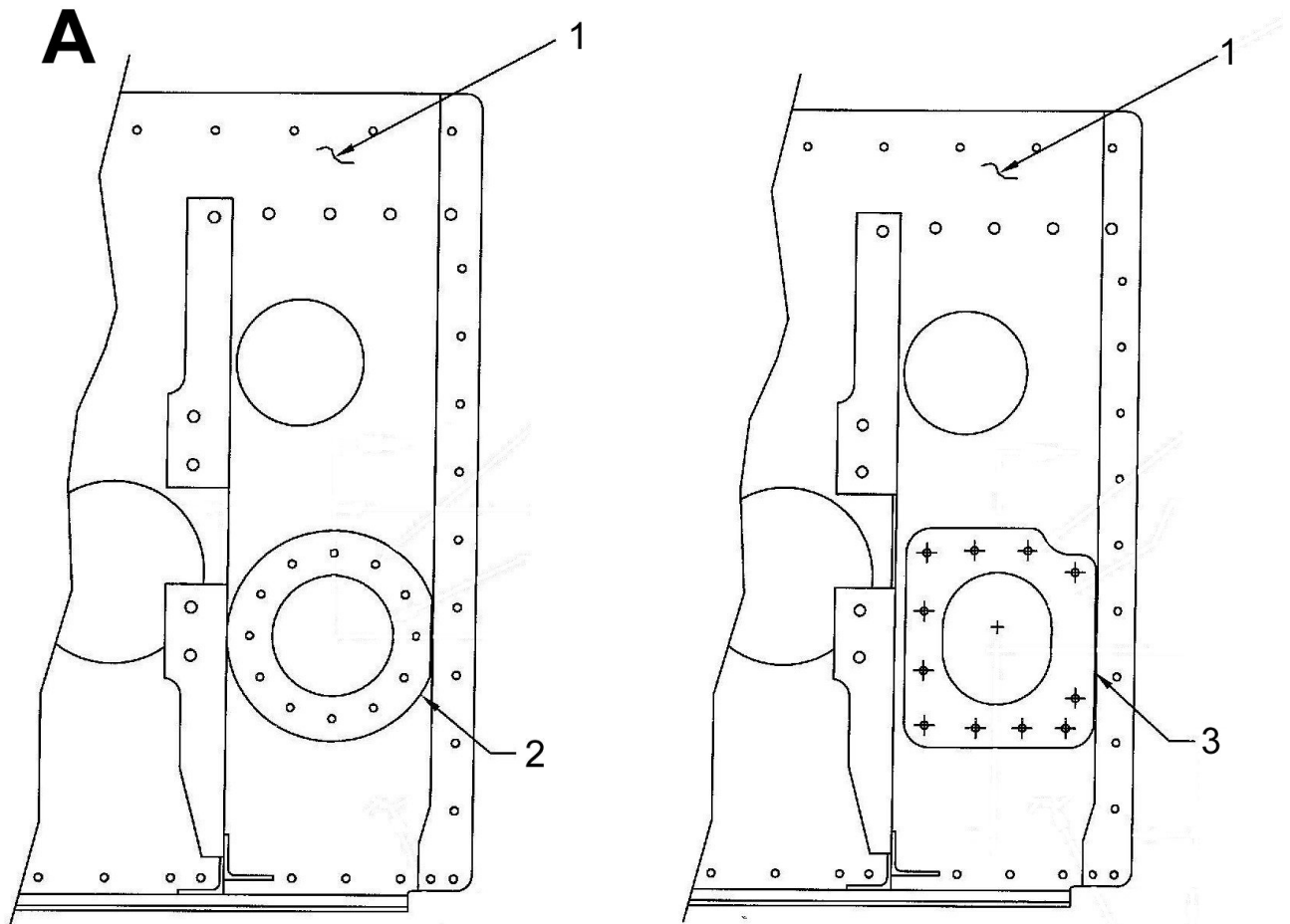


Figure 53-23 – Bulkhead Detail (Sheet 2 of 2)

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-22 and Figure 53-23				
1	212-030-222-007	Bulkhead	1	
1	212-030-222-011	Bulkhead (Alternate Part)	1	
1	212-030-222-047	Bulkhead (Alternate Part)	1	
1	212-030-222-073	Bulkhead (Alternate Part)	1	
1	212-030-222-103	Bulkhead (Alternate Part)	1	
2	D212-725-1-017A	Doubler	1	
3	D212-725-1-017B	Doubler (S/N 30687 Only)	1	

53-00-00

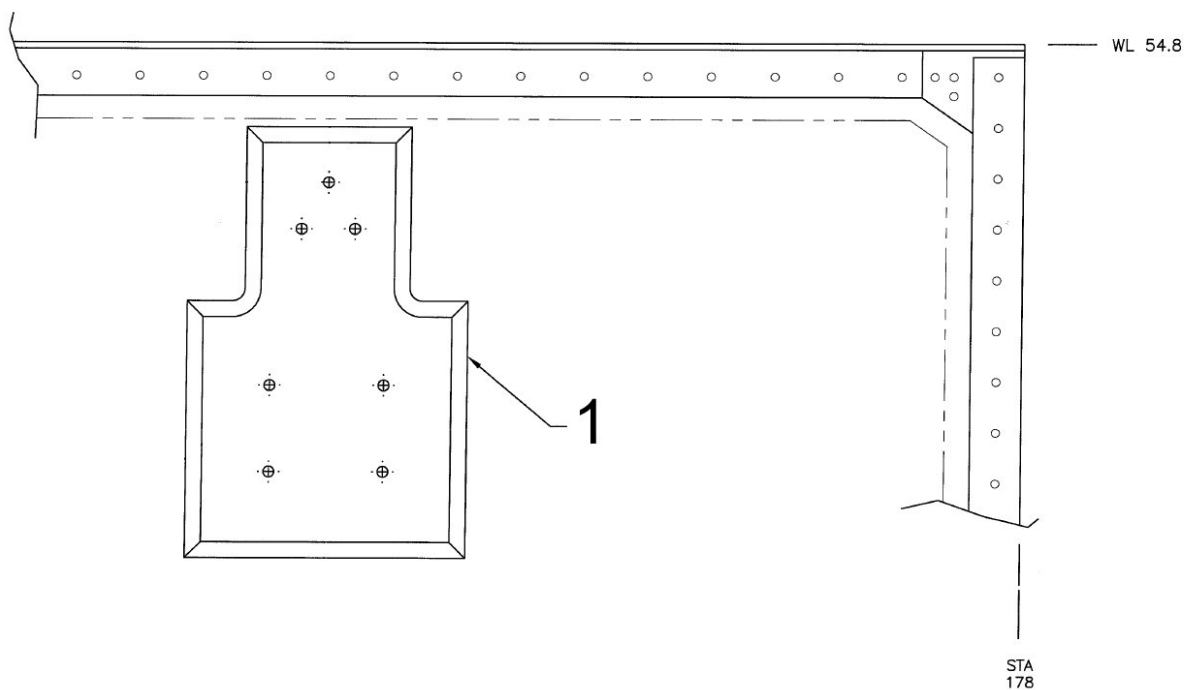


Figure 53-24 – Idle Stop Mount

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-24				
1	D212-725-1-009	Idle Stop Mount	1	

53-00-00

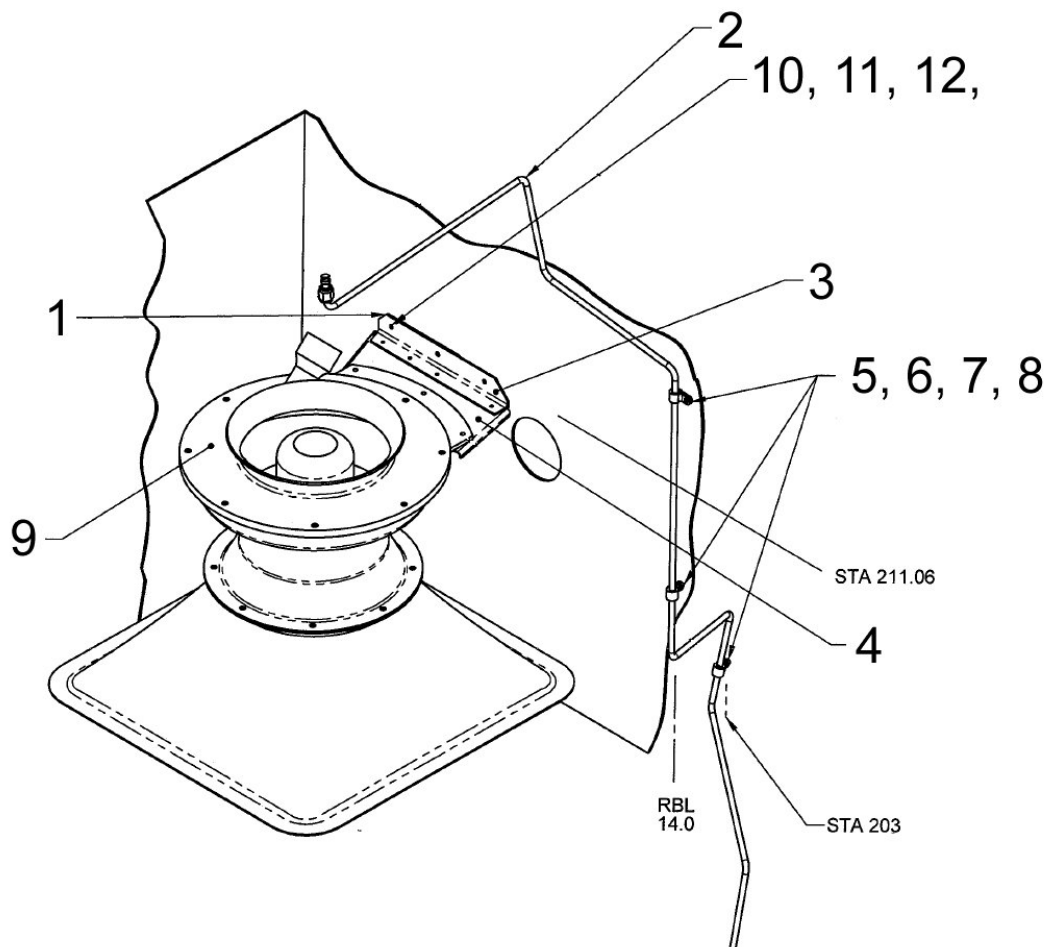


Figure 53-25 – Oil Cooler Installation

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-25				
1	D212-725-1-059	Packer	1	
2	D212-725-1-933	Tube Assembly	1	
3	D212-725-1-055	Angle	1	
4	D212-725-1-057	Bracket	1	
5	MS21919WDG04	Clamp	3	
6	AN3-3A	Bolt	3	
7	NAS1149D0363J	Washer	6	
8	MS21042L3	Nut	3	
9	204-062-540-001	Turbine Fan Assembly	1	
10	80-004-2-10	Insert	3	
11	AN3-3A	Bolt	3	
12	NAS1149D0363J	Washer	3	

53-00-00

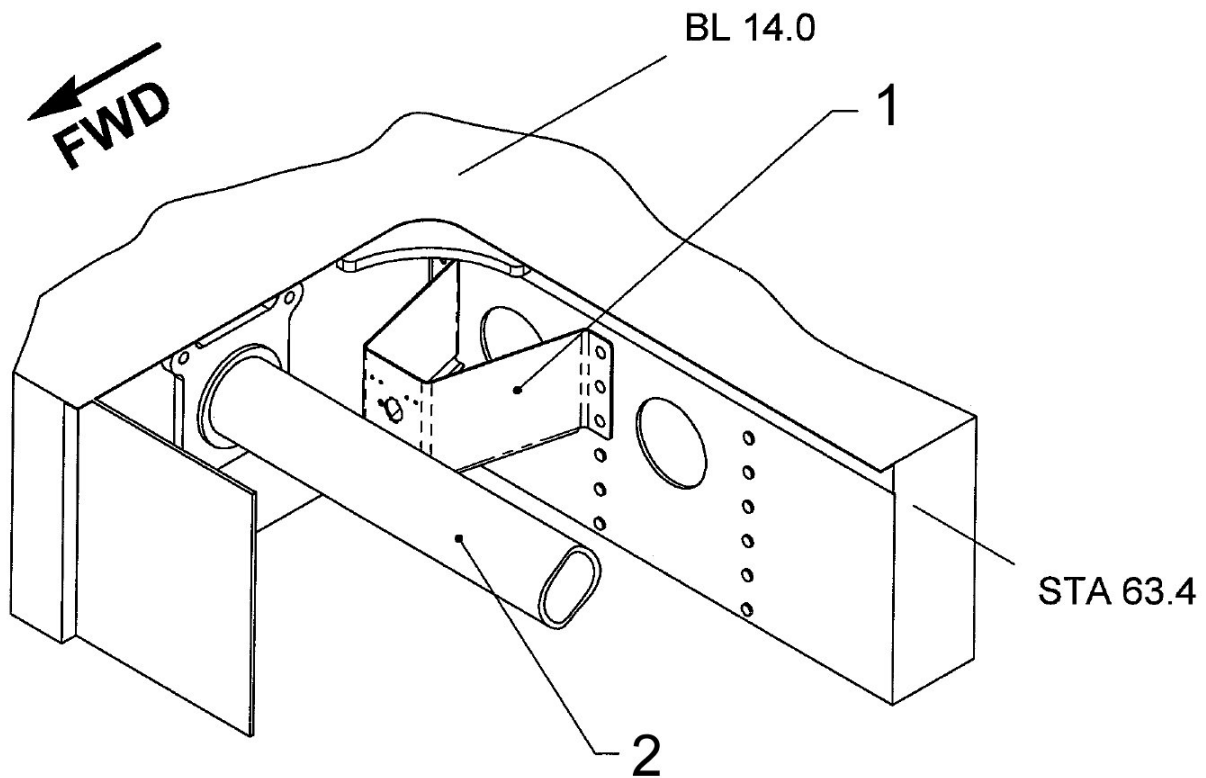


Figure 53-26 – D212-725-1-061 Bracket Installation

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-26				
1	D212-725-1-061	Bracket	1	
2	204-001-190-001	Tube Assembly	Ref	

53-00-00

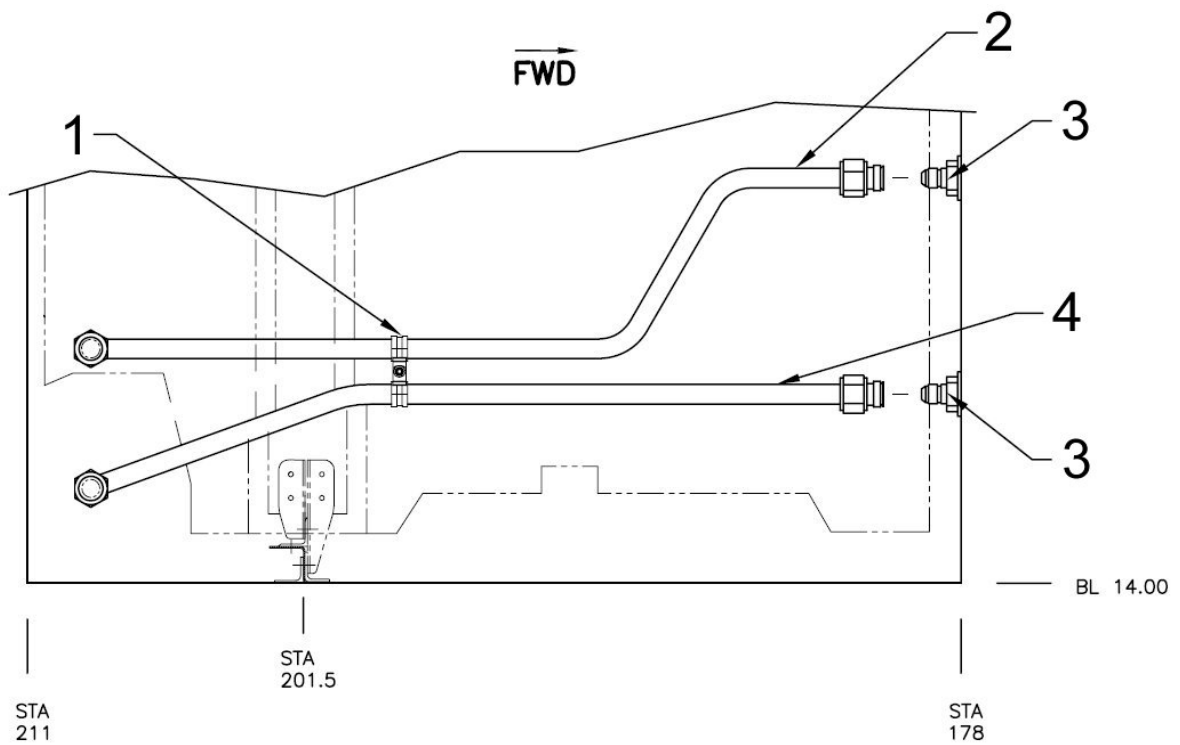


Figure 53-27 – Vent Tube Installation

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-27				
1	MS21919WDG12	Clamp	2	1
2	D212-725-1-915	Tube Assembly	1	1
3	AN832-12D	Fitting	2	1
4	D212-725-1-913	Tube Assembly	1	1

UOC Code

1 – S/N 30687, 30931, 30576, 30817, 30599, and 30544

53-00-00

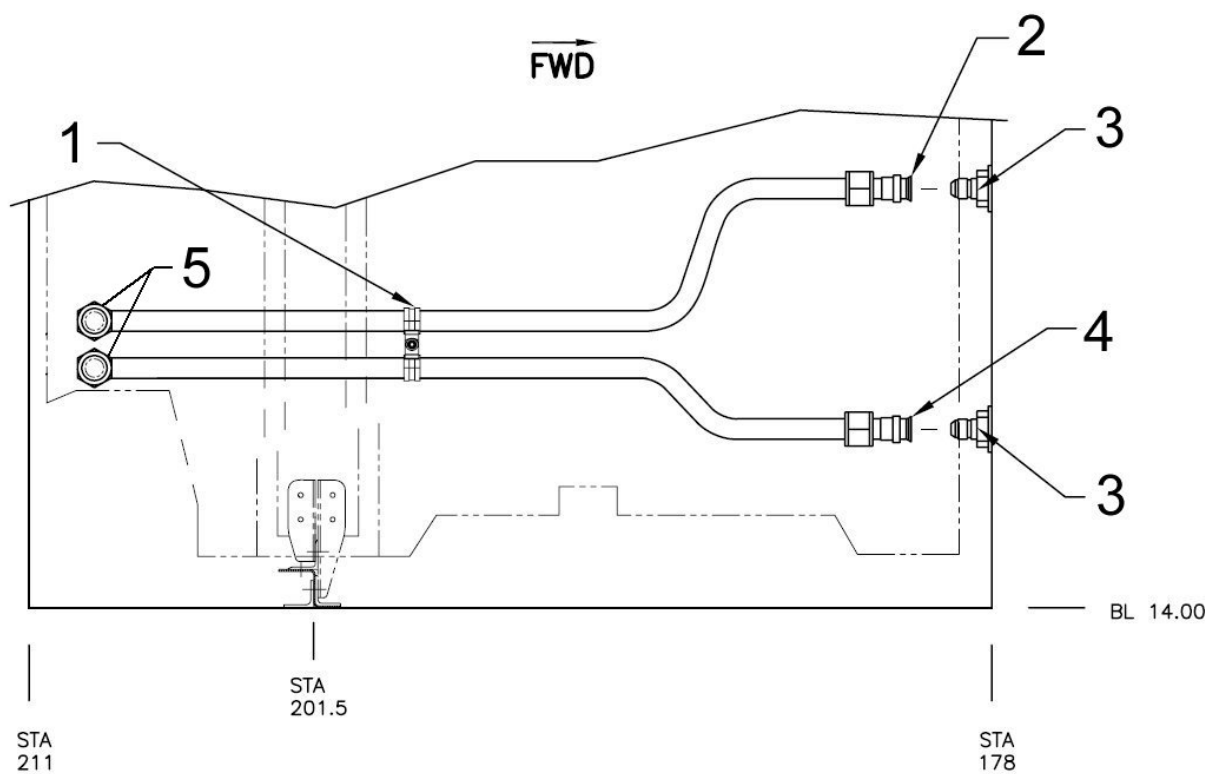


Figure 53-28 – Vent Tube Installation

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-28				
1	MS21919WDG12	Clamp	2	1
2	D212-725-1-943	Tube Assembly	1	1
3	AN832-12D	Fitting	2	1
4	D212-725-1-941	Tube Assembly	1	1
5	D212-725-1-945	Drain Line	2	1

UOC Code

1 – All S/N's except 30687, 30931, 30576, 30817, 30599, and 30544

53-00-00

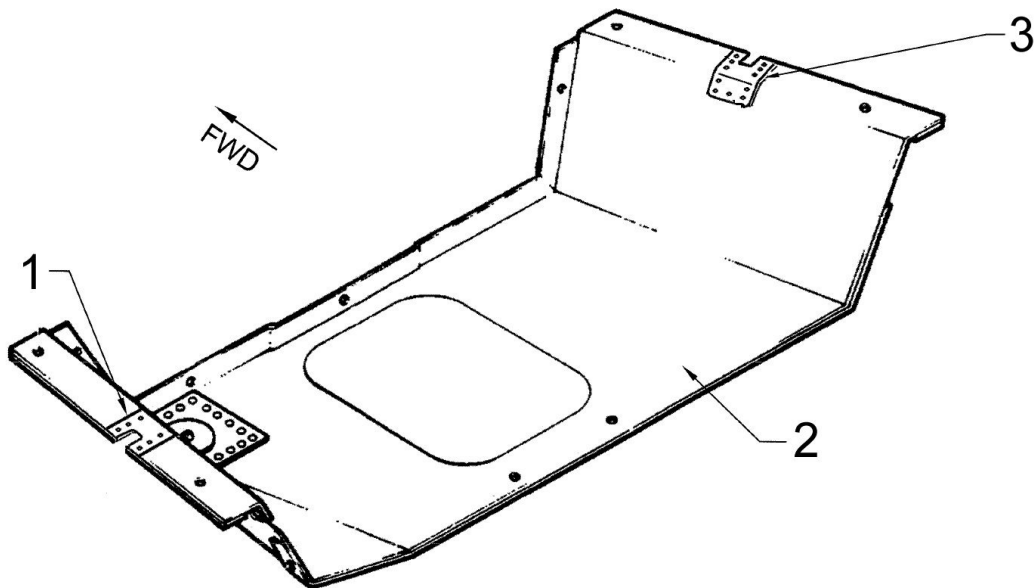


Figure 53-29 – D212-725-1-201 Doubler Installation

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-29				
1	D212-725-1-201	Doubler	1	1
2	205-060-205-113/-143	Pan Assembly	Ref	1
3	D212-725-1-202	Doubler	1	1

UOC Code

1 – Applicable only if STC SH07-49 is not installed.

53-00-00

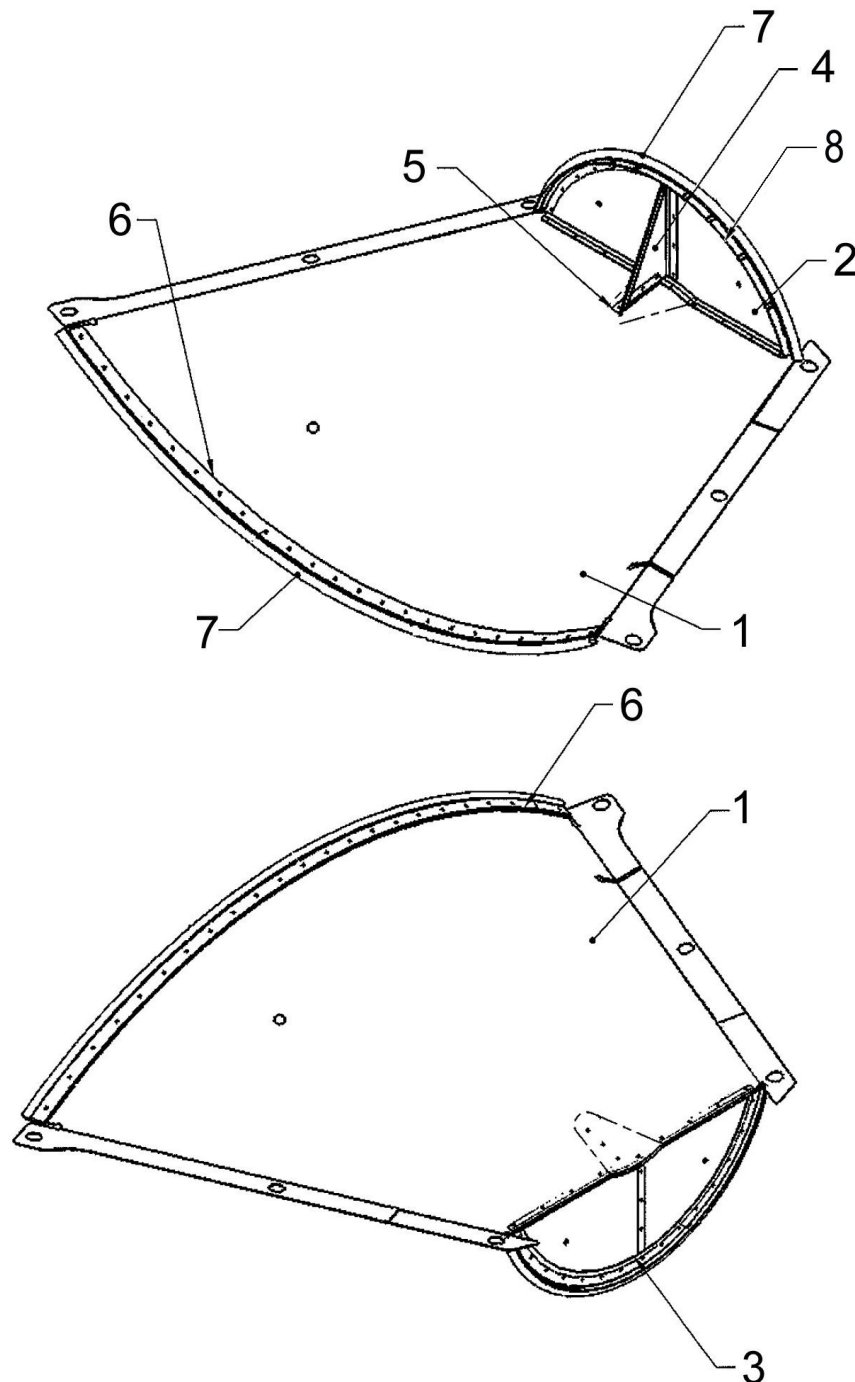


Figure 53-30 – D212-725-1-939 Tail Pipe Shield

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-30				
	D212-725-1-939	Tail Pipe Shield Assembly	1	
1	D212-725-1-215	Shield Tail Pipe	1	
2	D212-725-1-217	Web	1	
3	D212-725-1-219	Arc Seal Retainer	1	
4	D212-725-1-221	Gusset	1	
5	D212-725-1-223	Angle	1	
6	D212-725-1-225	Seal Retainer	2	
7	120-104-1	Seal	A/R	
8	D212-725-1-281	Doubler	1	

53-00-00

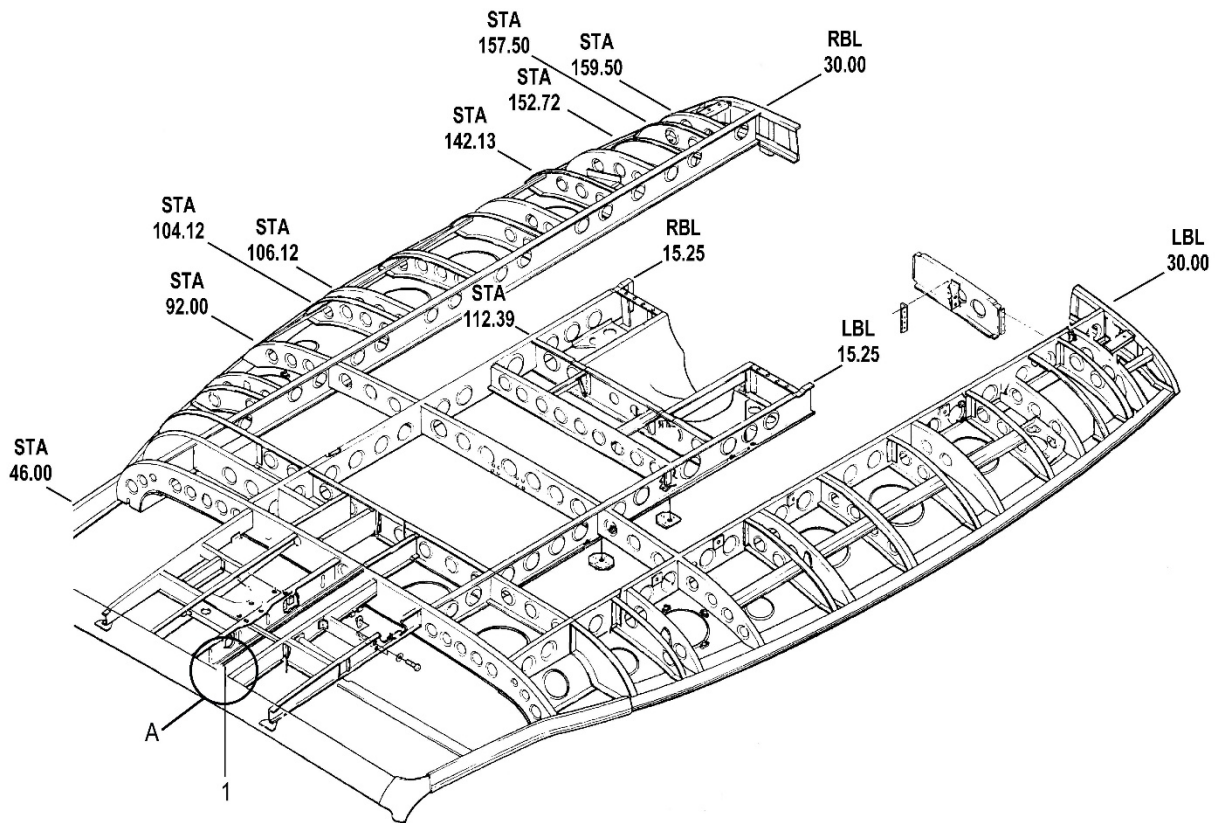


Figure 53-31 – Roof Installation (Sheet 1 of 2)

53-00-00

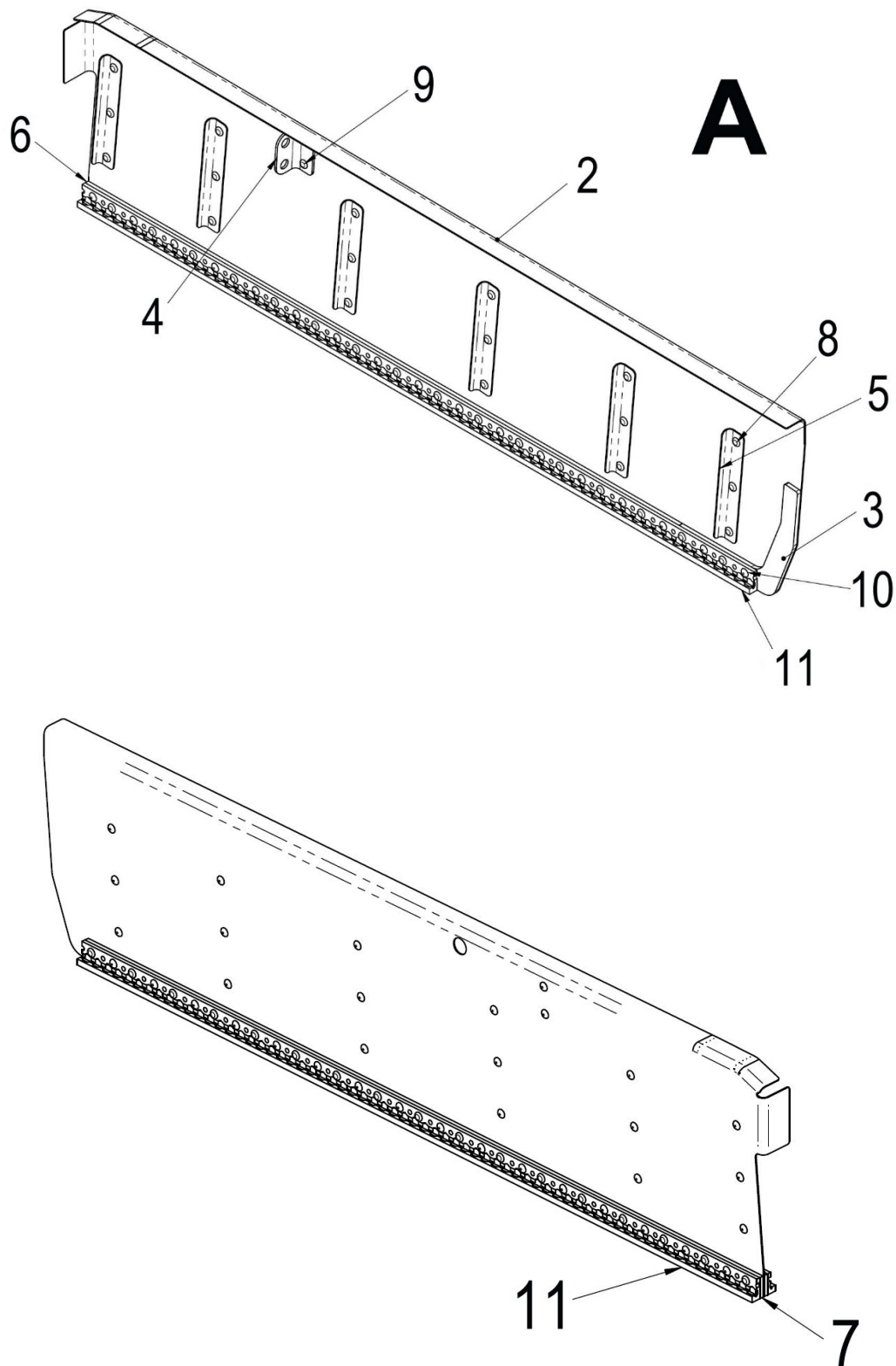


Figure 53-32 – Roof Installation, Cabin (Sheet 2 of 2)

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-31 and Figure 53-32				
1	205-030-617-181	Frame/Web Assembly	1	
1	D212-725-1-951	Frame/Web Assembly (Alternate Part)	1	
2	D212-725-1-259	Web	1	
3	D212-725-1-261	Packer	1	
4	D212-725-1-263	Angle	1	
5	D212-725-1-265	Angle	6	
6	D212-725-1-267	Packer	1	
7	D212-725-1-269	Packer	1	
8	MS20470AD4-3	Rivet	18	
9	MS20470AD4-4	Rivet	2	
10	MS20470AD4-10	Rivet	33	
11	PR-35	Dzus Rail	(A/R)	

53-00-00

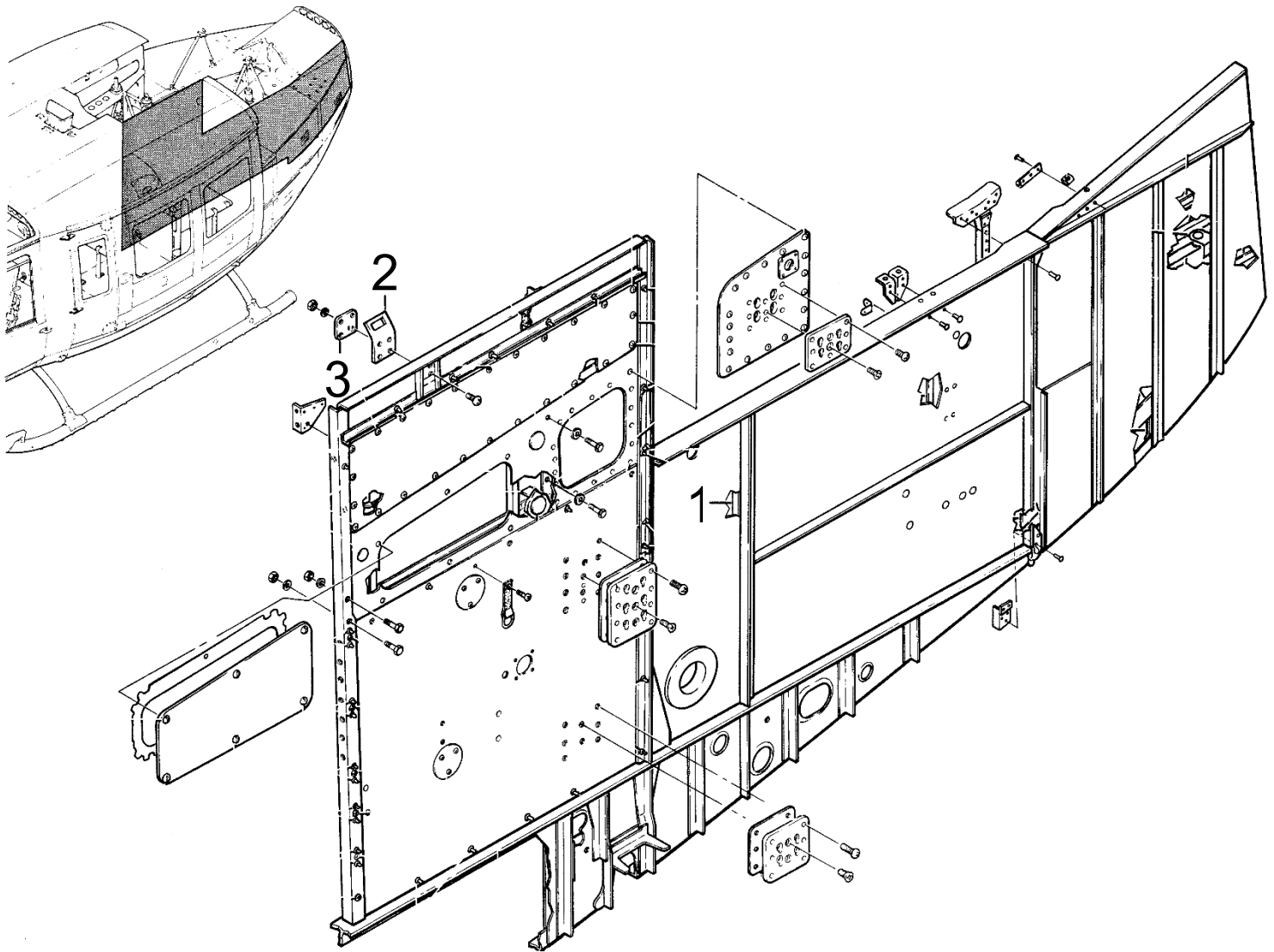


Figure 53-33 – Beam assembly, BL 14.00, LH

53-00-00

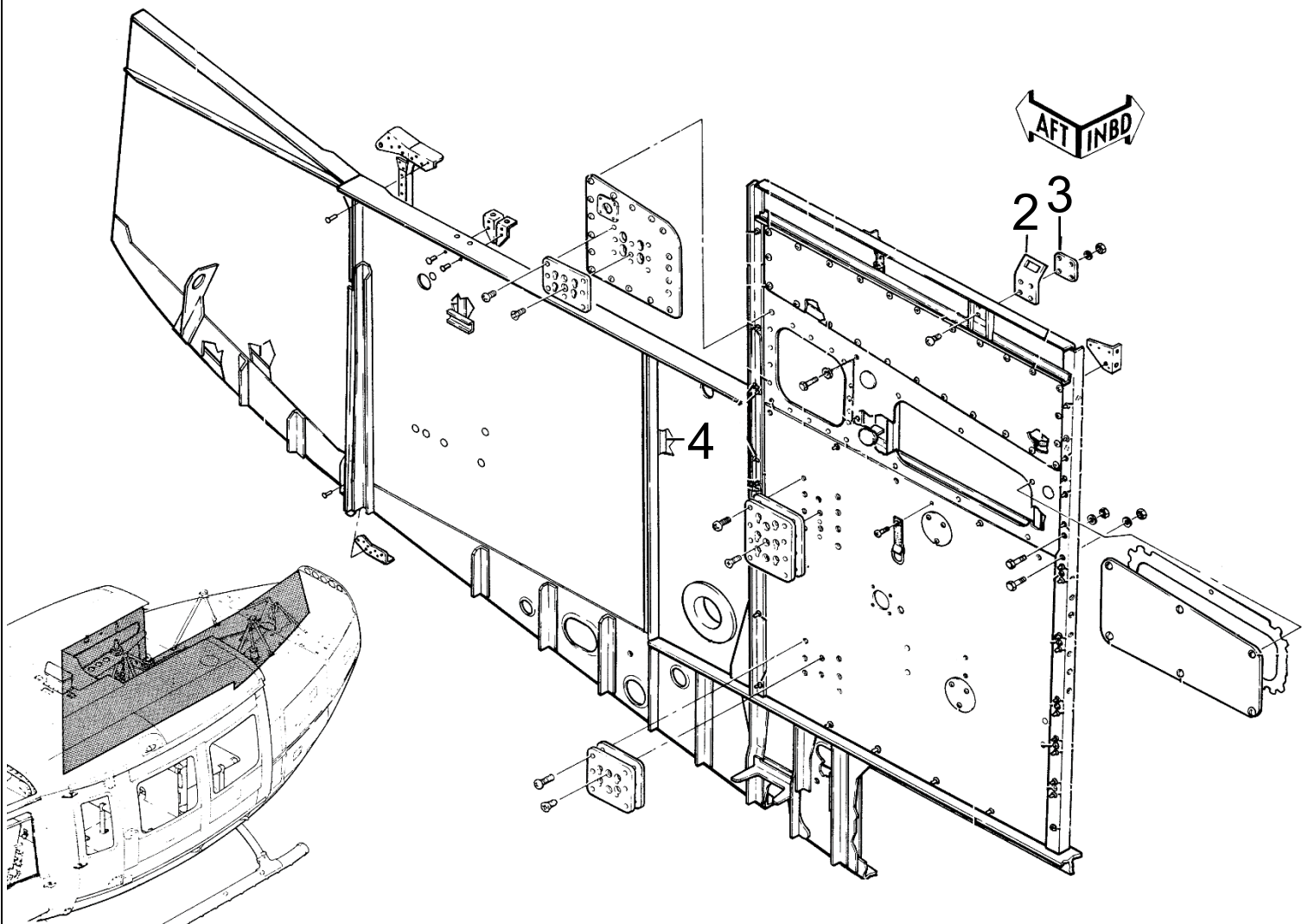


Figure 53-34 – Beam assembly, BL 14.00, RH

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-33 and Figure 53-34				
1	205-030-163-105	Attachment (Alternate Part)	1	
1	E212-1012-101	Attachment	1	1
2	205-060-859-001	Retainer (Alternate Part)	2	
2	E212-1009-105	Retainer	2	1
3	205-060-861-001	Plate (Alternate Part)	2	
3	E212-1009-107	Plate	2	1
4	205-030-164-105	Attachment (Alternate Part)	1	
4	E212-1013-101	Attachment	1	1

UOC Code

1 – Preferred for new builds and replacements

53-00-00

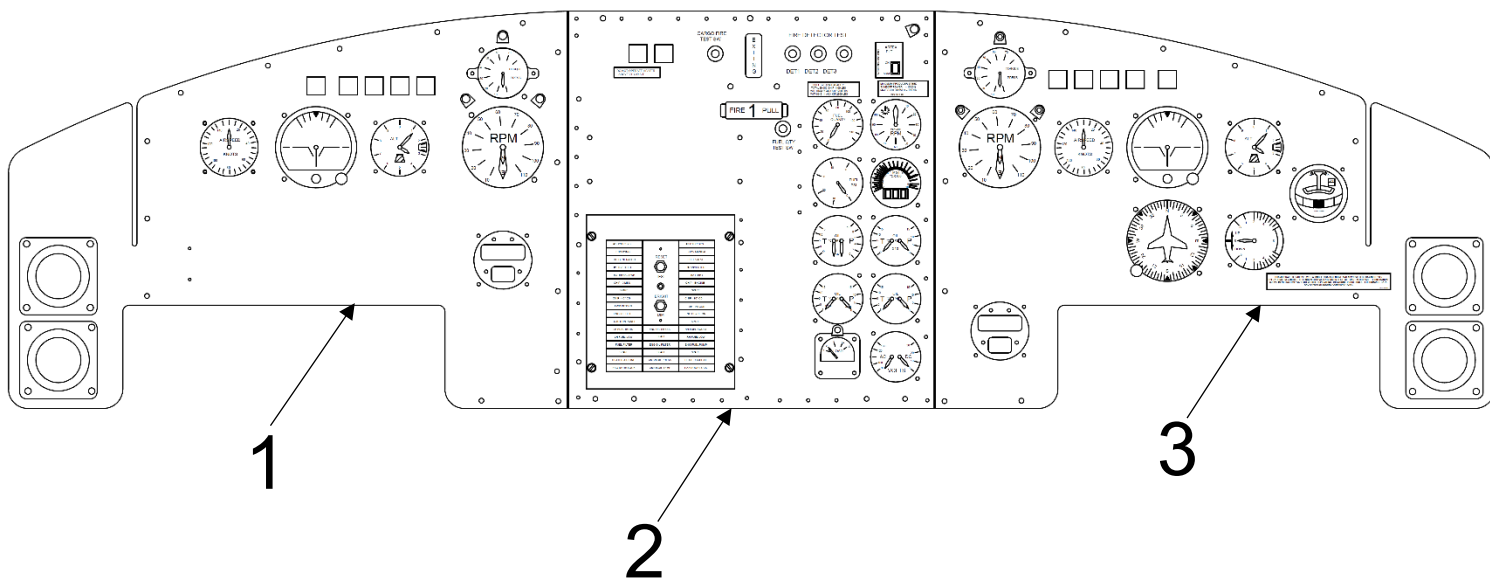


Figure 53-35 – Instrument Panel Assembly

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-35				
1	D212-725-1-019	Left Front Panel	1	1
2	D212-725-1-021	Center Front Panel	1	1
3	D212-725-1-023	Right Front Panel	1	1

UOC Code

1 – S/N 30687, 30817 and 30599

53-00-00

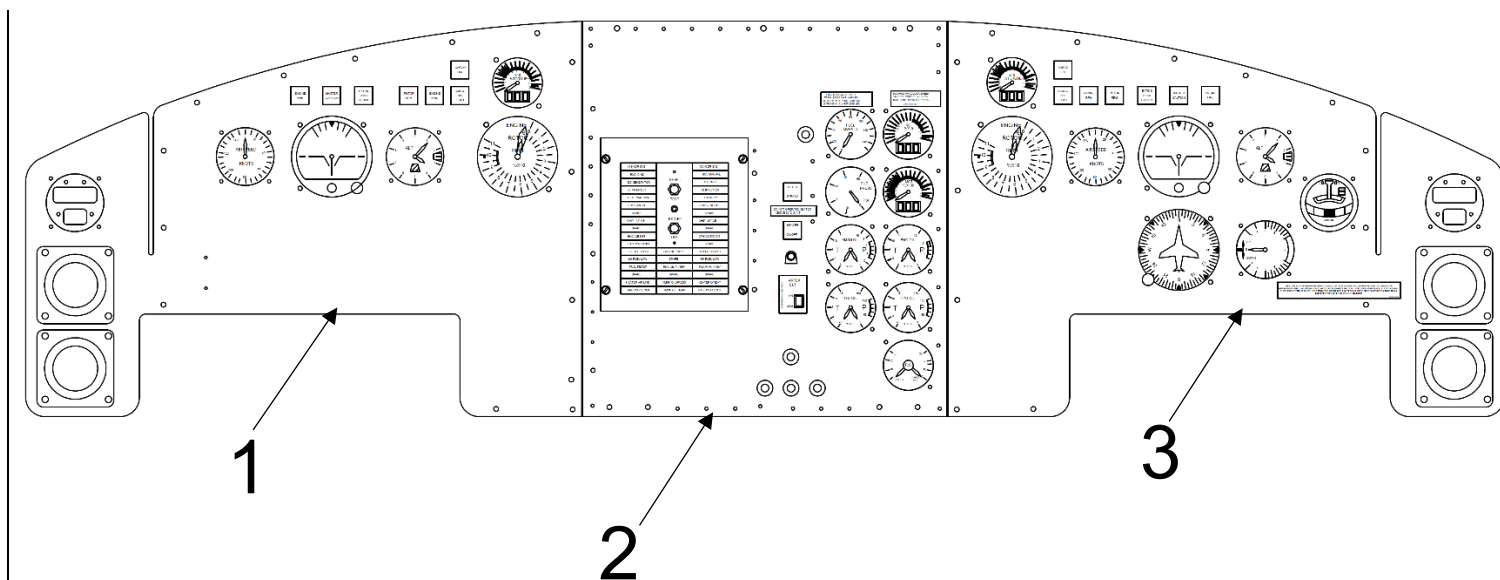


Figure 53-36 - Instrument Panel Assembly

53-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 53-36				
1	D212-725-1-205	Left Front Panel	1	1
2	D212-725-1-207	Center Front Panel	1	1
3	D212-725-1-209	Right Front Panel	1	1

UOC Code

1 – All S/N's except 30687, 30817 and 30599

53-00-00

CHAPTER 62 MAIN ROTOR

REFER TO BHT-212-IPC

62-00-00

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CHAPTER 63

MAIN ROTOR DRIVE SYSTEM

63-00-00

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CHAPTER 63 – MAIN ROTOR DRIVE SYSTEM (63-00-00)

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Figure 63-2 – Driveshaft Installation, Engine to Transmission	6
Figure 63-3 – Transmission and Quill Assembly	8
Figure 63-4 - 205-040-263-101 Quill Assembly	10

63-00-00

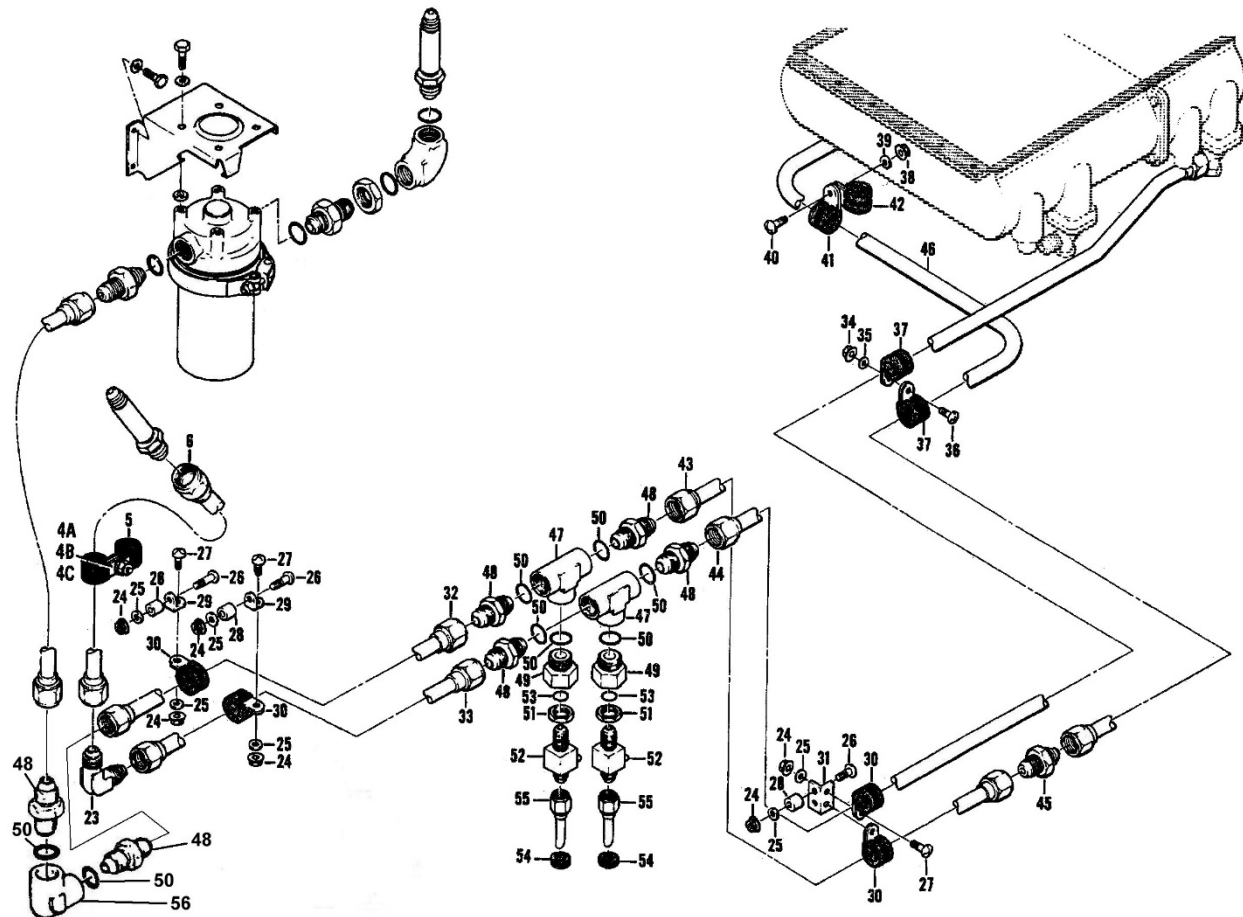


Figure 63-1 – Oil Cooler Installation, Transmission

63-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 63-1				
4A	MS21042L3	Nut	1	
4B	NAS1149D0332J	Washer	1	
4C	MS35207-261	Screw	1	
5	MS21919WDG10	Clamp	2	
6	205-040-214-001	Tube Assembly	1	
6	205-040-248-101	Tube Assembly	1	
23	AN821-10D	Elbow	2	
24	MS21042L3	Nut	8	
25	NAS1149D0332J	Washer	8	
26	MS35207-264	Screw	4	
27	MS35207-261	Screw	4	
28	NAS43DD3-16	Spacer	4	
29	AN743-12	Bracket	2	
30	MS21919WDG10	Clamp	4	
31	AN743-7	Bracket	1	
32	412-040-244-101	Tube Assembly	1	
33	205-040-147-001	Tube Assembly	1	
34	MS21042L3	Nut	1	
35	NAS1149D0332J	Washer	1	
36	MS35207-262	Screw	1	
37	MS21919WDG10	Clamp	2	
38	MS21042L3	Nut	1	
39	NAS1149D0332J	Washer	1	
40	MS35207-262	Screw	1	
41	MS21919WDG10	Clamp	1	
42	MS21919WDG16	Clamp	1	
43	205-040-221-001	Tube Assembly (Alternate Part)	1	
43	E212-3001-043	Tube Assembly	1	1
44	205-040-220-001	Tube Assembly	1	
44	205-040-224-001	Tube Assembly	1	
45	AN815-10D	Union	1	
46	205-040-222-001	Tube Assembly (Alternate Part)	1	
46	205-040-223-001	Tube Assembly (Alternate Part)	1	
46	E212-3001-041	Tube Assembly	1	1
47	AN938D10	Tee	2	
48	AN815-10J	Union	6	
49	AN893-121D	Bushing	2	
50	M83248/1-910	Packing, Preformed	8	
51	AN924-6D	Nut	2	
52	212-040-232-001	Valve	2	
53	M83248/1-906	Packing, Preformed	2	
54	MS35489-11	Grommet	2	

63-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
55	205-040-151-001	Tube Assembly	2	
56	AN939-10J	Fitting	1	

UOC Code

1 – Preferred for new builds and replacements

63-00-00

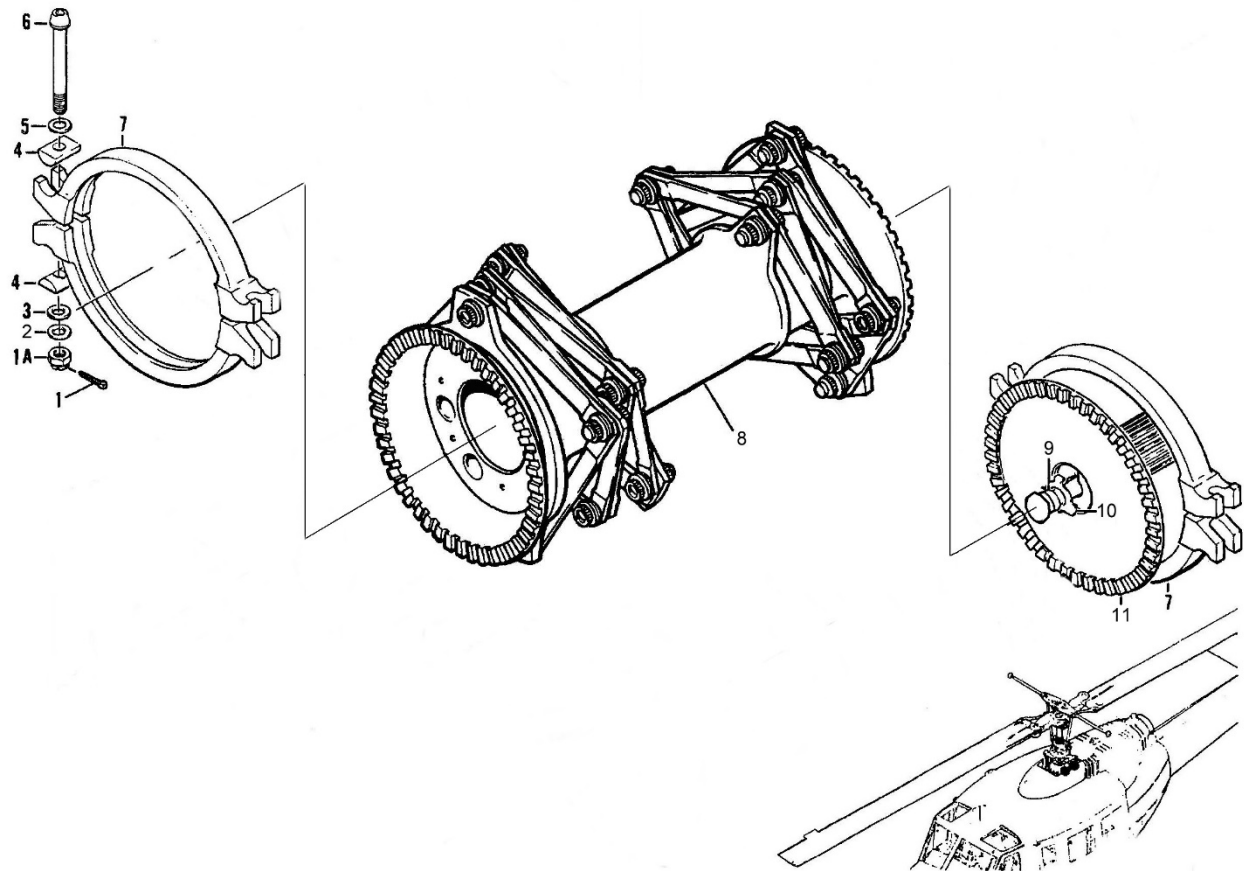


Figure 63-2 – Driveshaft Installation, Engine to Transmission

63-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 63-2				
1	MS24665-154	Pin, Cotter	4	
1A	AN310-5	Nut	4	
2 ^[1]	NAS1149F0532P	Washer	4	
3	NAS1149F0563P	Washer	4	
4	204-040-717-001	Pivot	8	
5	MS20002C5	Washer	4	
6	204-040-624-001	Bolt	4	
7	204-040-716-005	Coupling Set	2	
8	204-040-433-101	Driveshaft Assembly	1	
9 ^[2]	204-040-813-001	Bolt (S/N 30003 thru 30272)	1	
9 ^[2]	204-040-813-101	Bolt	1	
10 ^[2]	204-040-814-003	Washer (S/N 30003 thru 30272)	1	
10 ^[2]	204-040-814-001	Washer	1	
11	204-040-812-003	Adapter	1	

[1]: Minimum quantity shown, refer to BHT-205A1-MM-1 Section 66-11 for specific fit.

[2]: Replace 204-040-813-001 bolt and 204-040-814-003 washer as a unit using 204-040-813-101 bolt and 204-040-814-001 washer as a unit.

63-00-00

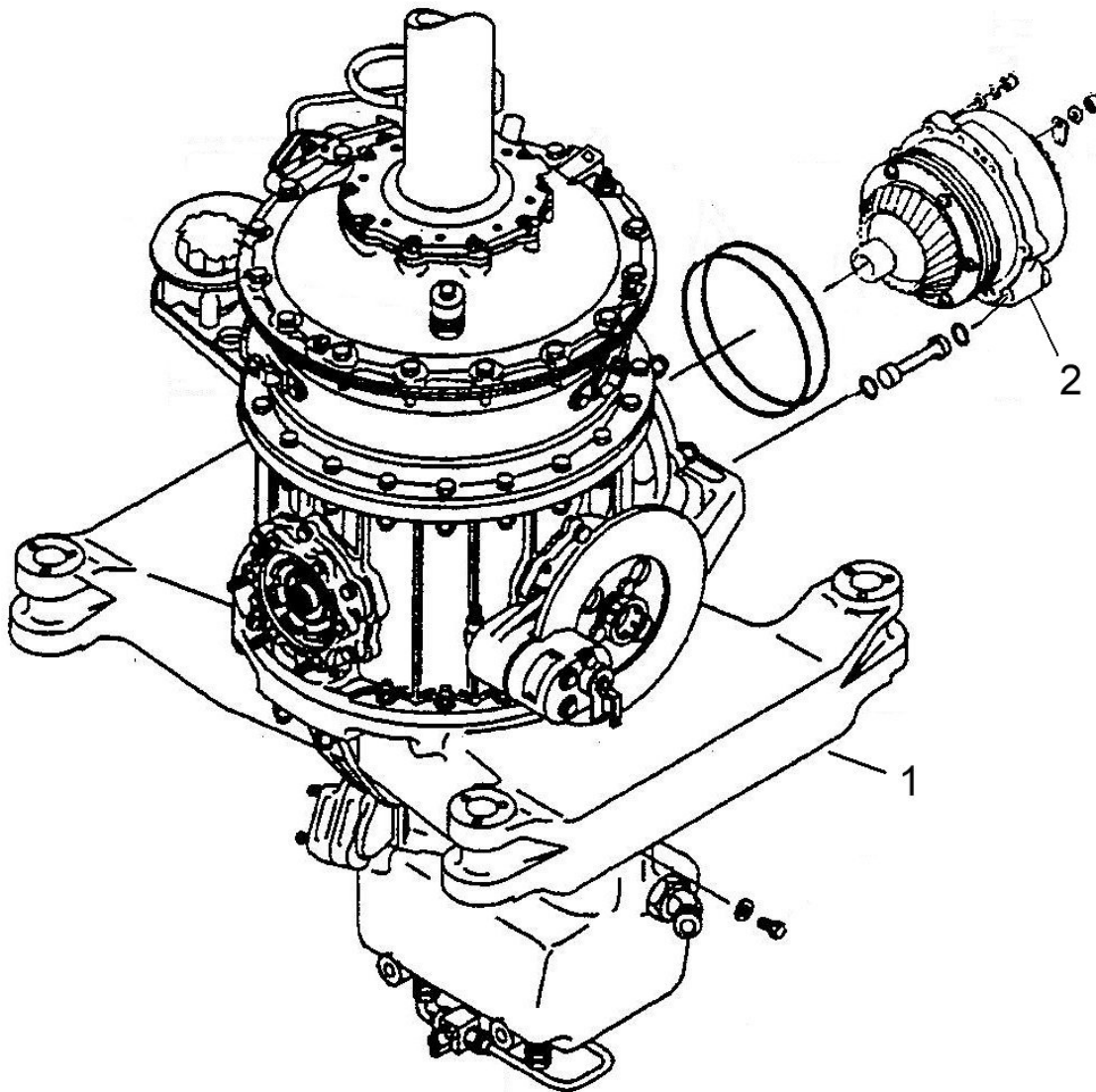
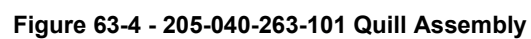


Figure 63-3 – Transmission and Quill Assembly

63-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 63-3				
1	212-040-001-115	Transmission Assembly	1	
1	212-040-001-043	Transmission Assembly	1	
1	212-040-001-123	Transmission Assembly	1	
1	212-040-001-059	Transmission Assembly	1	
1	212-040-001-179	Transmission Assembly	1	
2	205-040-263-101	Input Quill Assembly	1	

63-00-00



63-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 63-4				
1	M27426-3213B	Retainer	1	
2	204-040-629-005	Retainer Assembly	1	
3	204-040-640-001	Packing, Preformed	1	
4	205-040-242-001	Bearing	2	
5	204-040-183-001	Spring	1	
6	204-040-184-001	Nut	1	
7	205-040-232-101	Race	1	
8	204-040-190-101	Race	1	
9	205-040-250-103	Clutch Assembly	1	
10	205-040-237-001	Shield	1	
10A	214-040-867-101	Sleeve	1	
10B	212-340-113-101	Seal	1	
11	M27426-3213D	Retainer	1	
13	204-040-700-101	Pinion	1	
14	214-040-097-003	Sleeve	1	
15	M83248/1-163	Packing, Preformed	1	
16	214-040-098-001	Shim	1	
17	214-040-118-001	Bearing	1	
18	214-040-718-011	Cap Assembly	1	
19	M83248/1-906	Packing, Preformed	1	
20	AN814-6WL	Plug	1	
21	REA032	Nut	3	
22	NAS561P4-6	Pin	1	
23	MS35266-80	Screw	3	
24	NAS1149D0463J	Washer	3	

63-00-00

CHAPTER 64 TAIL ROTOR

REFER TO BHT-212-IPC

64-00-00

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CHAPTER 65 TAIL ROTOR DRIVE SYSTEM

REFER TO BHT-212-IPC

65-00-00

CHAPTER 67

FLIGHT CONTROLS

67-00-00

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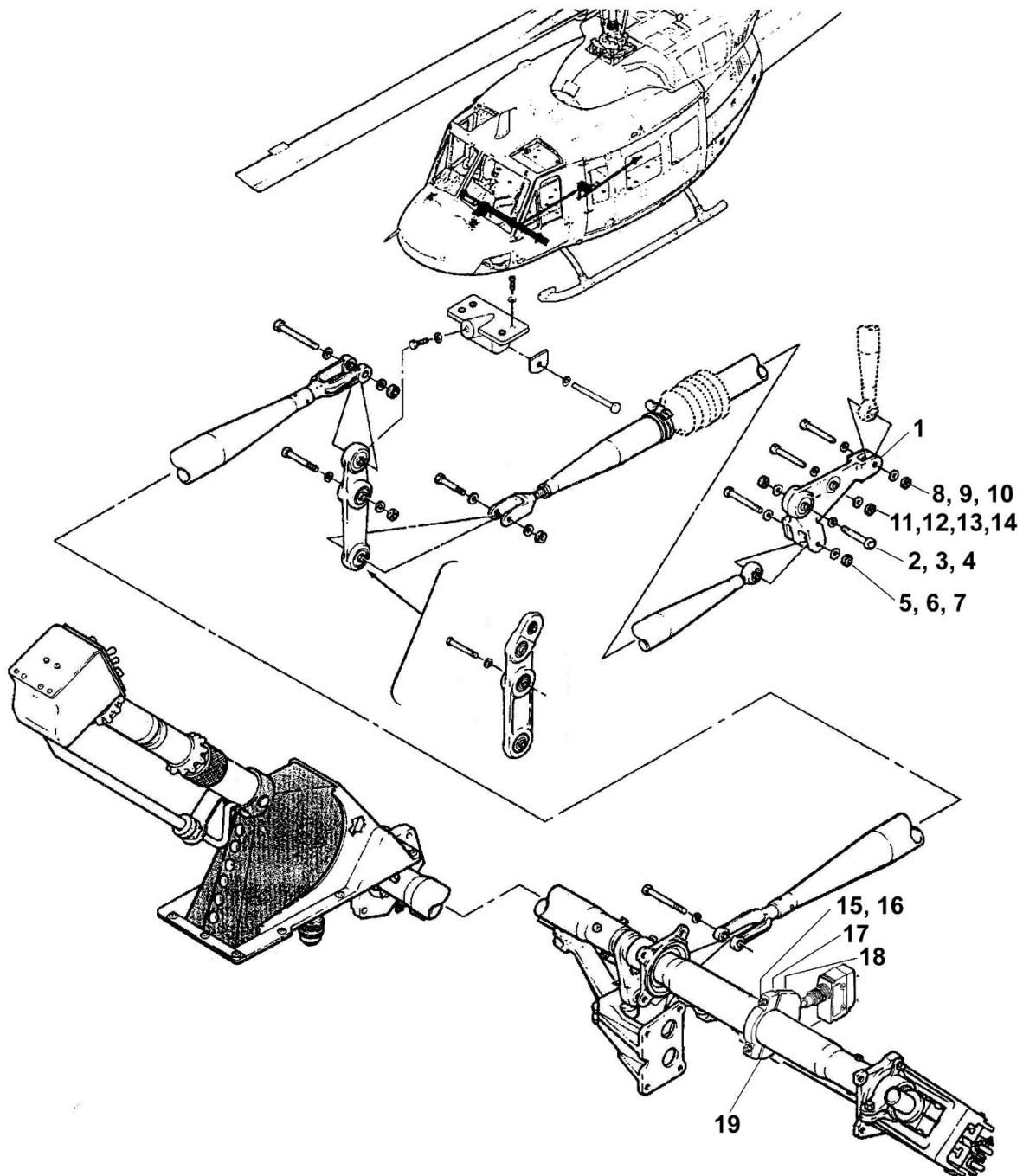


Figure 67-1 – Collective Installation – Forward Cabin

67-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 67-1				
1	D212-725-1-901	Bellcrank Assembly	1	
2	205-001-310-001	Bolt	1	
3	NAS1149D0563J	Washer	2	
4	MS14144L5	Nut	1	
5	AN174-14	Bolt	1	
6	NAS1149D0463J	Washer	2	
7	MS14144L4	Nut	1	
8	20-058-4S15D	Bolt	1	
9	NAS1149D0463J	Washer	2	
10	MS14144L4	Nut	1	
11	AN173-12	Bolt	1	
12	NAS1149D0363J	Washer	2	
13	AN310-3	Nut	1	
14	MS24665-152	Pin, Cotter	4	
15	MS27039-1-15	Screw	2	
16	NAS1149D0332J	Washer	2	
17	D212-725-1-247	Retainer	1	
18	D212-725-1-245	Cam	1	
19	D212-725-1-947	Cam Assembly	1	

67-00-00



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Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 67-2				
1	212-001-303-003	Support Assembly	1	

67-00-00

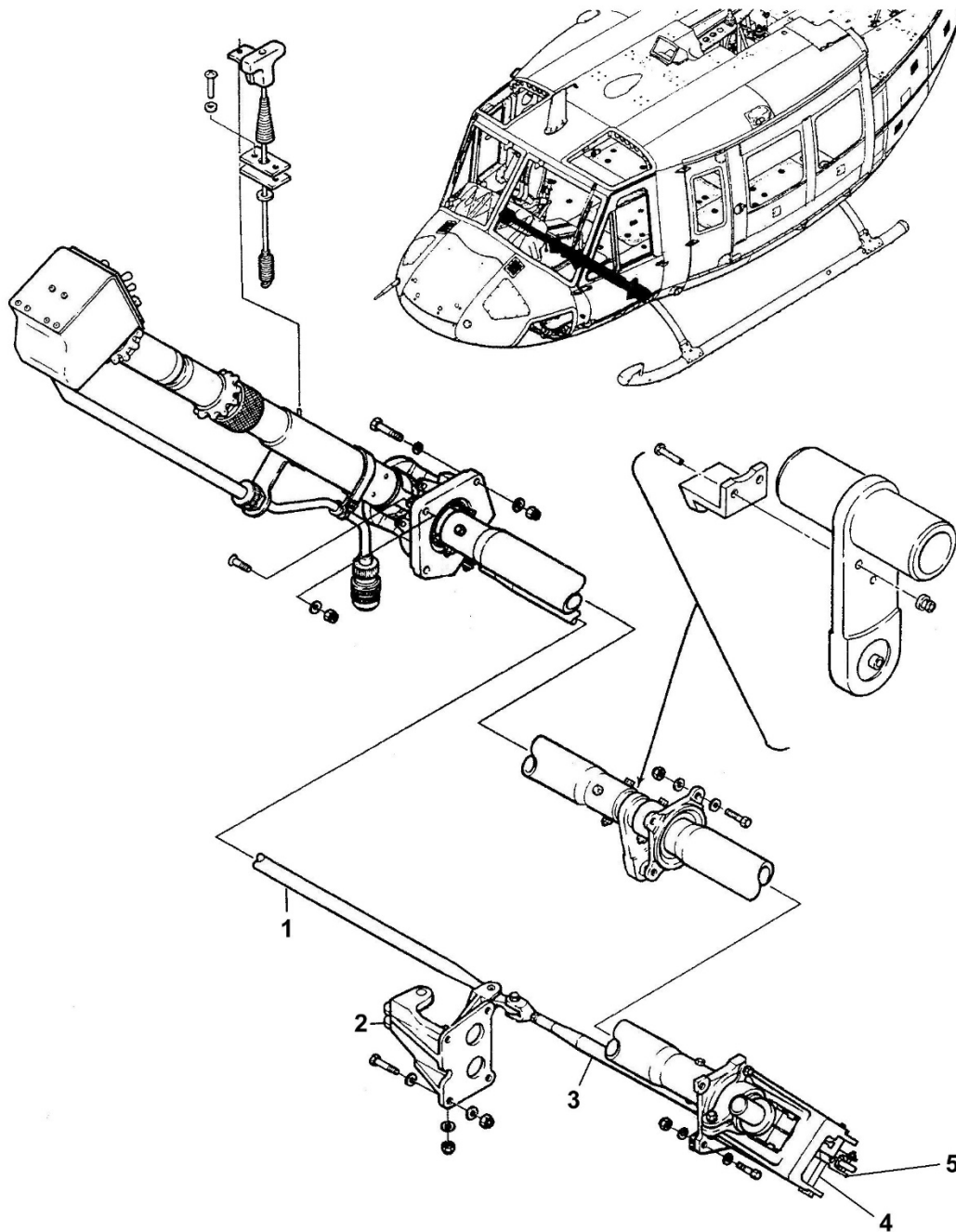


Figure 67-3 – Collective Installation - Jackshaft

67-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 67-3				
1	212-001-062-001	Tube Assembly (Ref)	1	
2	212-001-126-005	Bellcrank Assembly (Ref)	1	
3	212-001-062-001	Tube Assembly (Ref)	1	
4	NAS43DD4-56	Spacer	1	
5	212-001-111-001	Gear Sector Assembly	1	

67-00-00

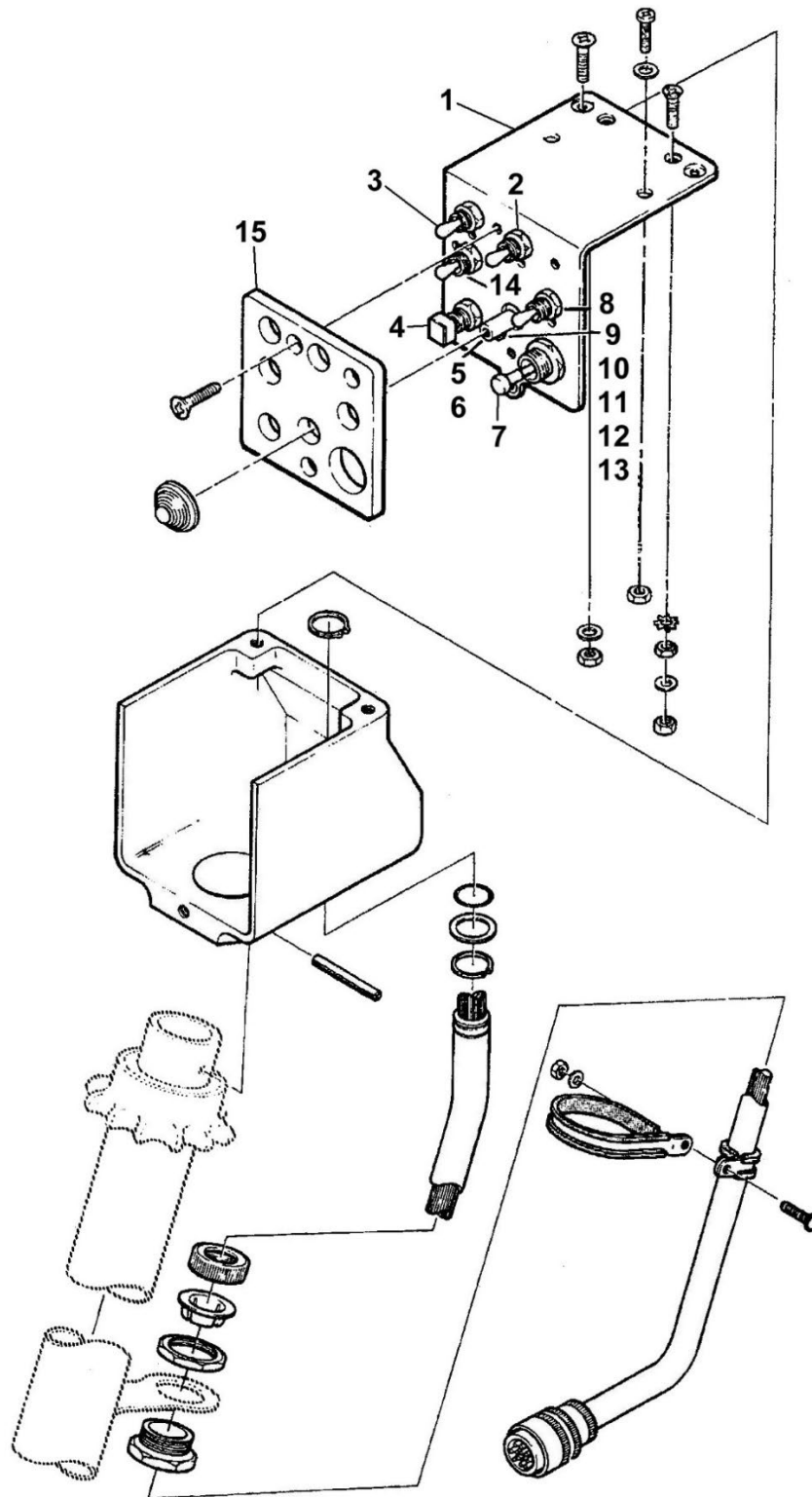


Figure 67-4 - Collective Head Installation, Pilot

67-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 67-4				
1	212-075-188-101	Plate	1	
2	MS24523-27	Switch	1	
3	MS24523-22	Switch	1	
4	120-071-1	Switch (Pre TB 212-93-145)	1	
4	51MXY5-J	Switch (Post TB 212-93-145)	1	
5	MS35206-213	Screw	2	
6	212-075-265-001	Switch	1	
7	2TL1-1D	Switch	1	
7	1TL1-2G	Switch (Alternate Part)	1	1
8	MS24523-21	Switch	1	
9	MS21042L06	Nut	1	
10	NAS1149DN616H	Washer	2	
11	MS35649-265	Nut	1	
12	MS35335-30	Washer	1	
13	MS24693-S29	Screw	1	
14	MS25089-4GR	Switch	1	
15	212-075-187-001	Panel	1	
15	212-075-387-001	Panel Assembly (Alternate Part)	1	
15	212-075-387-101	Panel Assembly (Alternate Part)	1	

UOC Code

1 – Preferred for new builds

67-00-00

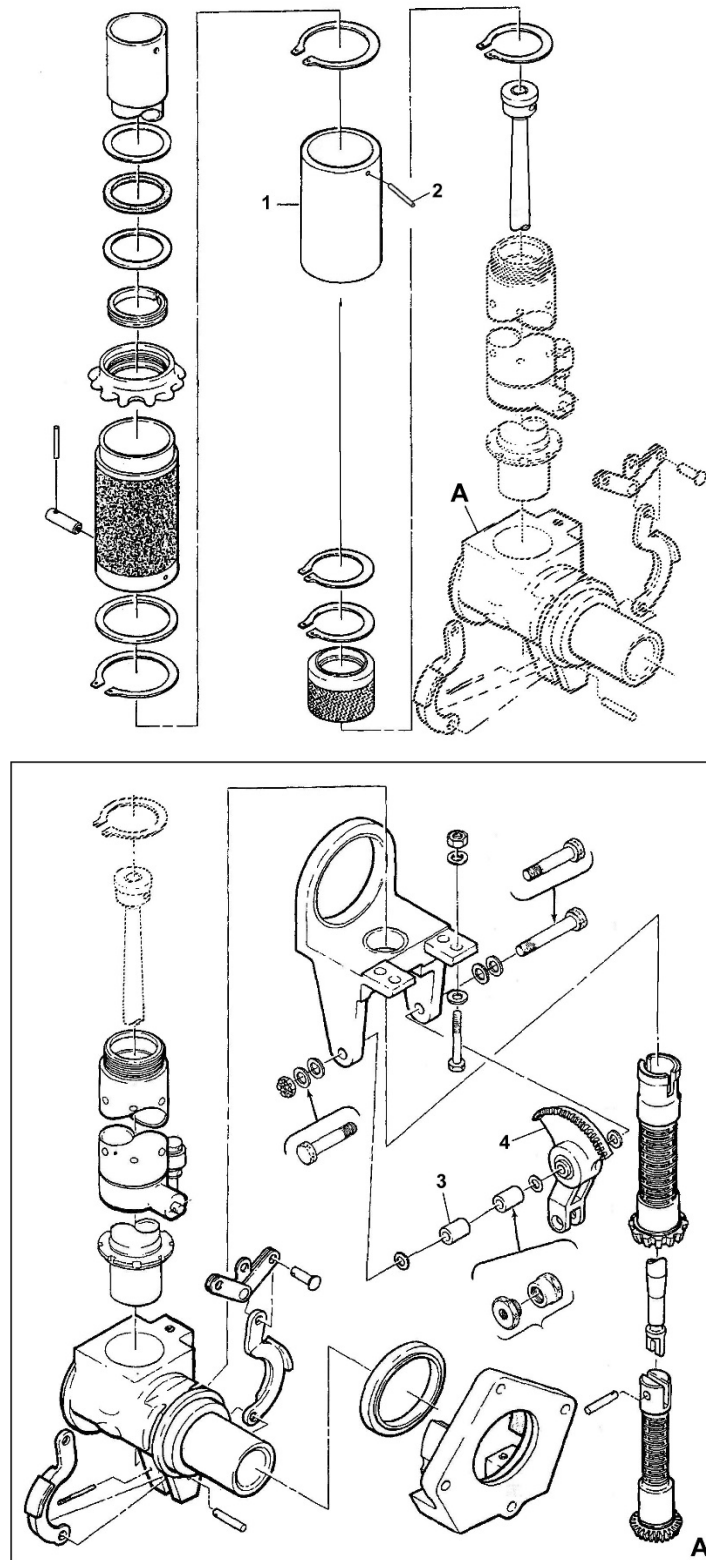


Figure 67-5 - Collective Stick, Pilot

67-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 67-5				
1	D212-725-1-025	Spacer	1	
2	NAS561C4-24	Pin	1	1
3	NAS43DD4-56	Spacer	1	
4	212-001-110-001	Gear Sector Assembly	1	

UOC Code

1 – S/N 30817 only

67-00-00

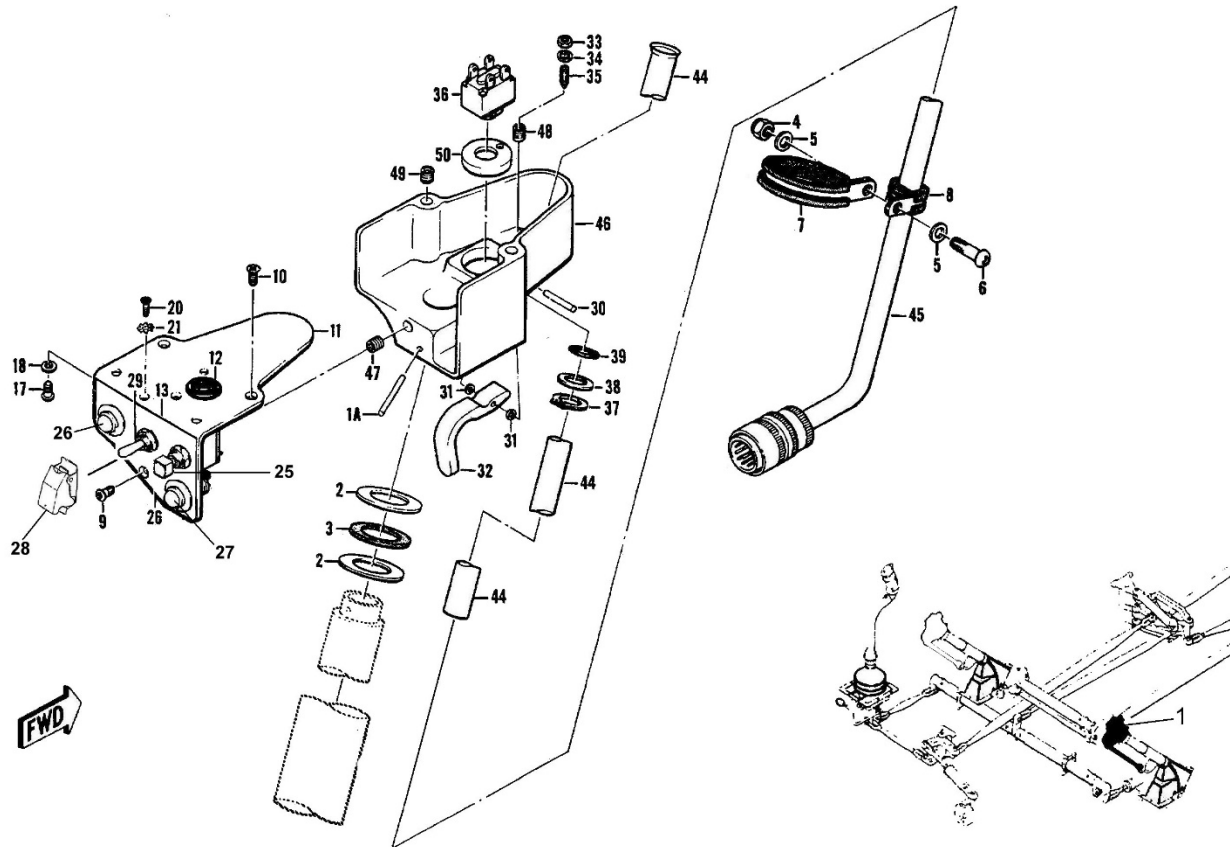


Figure 67-6 - Collective Head Installation, Co-Pilot

67-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 67-6				
1	201-001-296-007	Switch Box Assembly	1	
1A	NAS561C6-24	Pin	1	
2	NAS1149F1632P	Washer	2	
3	204-001-156-001	Washer	5	
4	MS21042L3	Nut	1	
5	NAS1149D0363J	Washer	2	
6	MS35207-264	Screw	1	
7	MS21919WDG28	Clamp	1	
8	MS21919WDG5	Clamp	1	
9	MS24693BB50	Screw	1	
10	MS24693-BB73	Screw	2	
11	204-001-297-001	Cover Assembly	1	
12	MS35489-9	Grommet	1	
13	204-001-286-001	Nameplate	1	
17	MS35206-245	Screw	3	
18	NAS1149DN832J	Washer	3	
20	MS35198-17	Screw	2	
21	MS35336-3	Washer	2	
25	120-0071-1	Switch	1	
26	MS25089-3C	Switch	1	
27	C100E2-39	Switch	1	
28	MS25224-1	Switch Guard	1	
29	MS24523-23	Switch	1	
30	AN523-1-82	Pin	1	
31	NAS1149DN232J	Washer	2	
32	204-001-273-001	Trigger	1	
33	MS35649-282	Nut	1	
34	10W4-2	Washer	1	
35	AN565F8H10	Setscrew	1	
36	H20078	Switch	1	
36	2PB744T	Switch	1	
36	2PB744TZ	Switch	1	
37	5101-50MD	Retainer	1	
37	MS16628-1050	Retainer	1	
38	204-001-251-001	Washer	1	
39	M83461/1-112	Packing, Preformed	1	
44	204-001-250-001	Conduit	1	
45	204-075-423-003	Cable Assembly	1	
46	204-001-243-001	Box Assembly	1	
47	MS122199	Insert	1	
48	MS122079	Insert	1	
49	MS122240	Insert	2	
50	204-001-248-001	Insert	1	

67-00-00

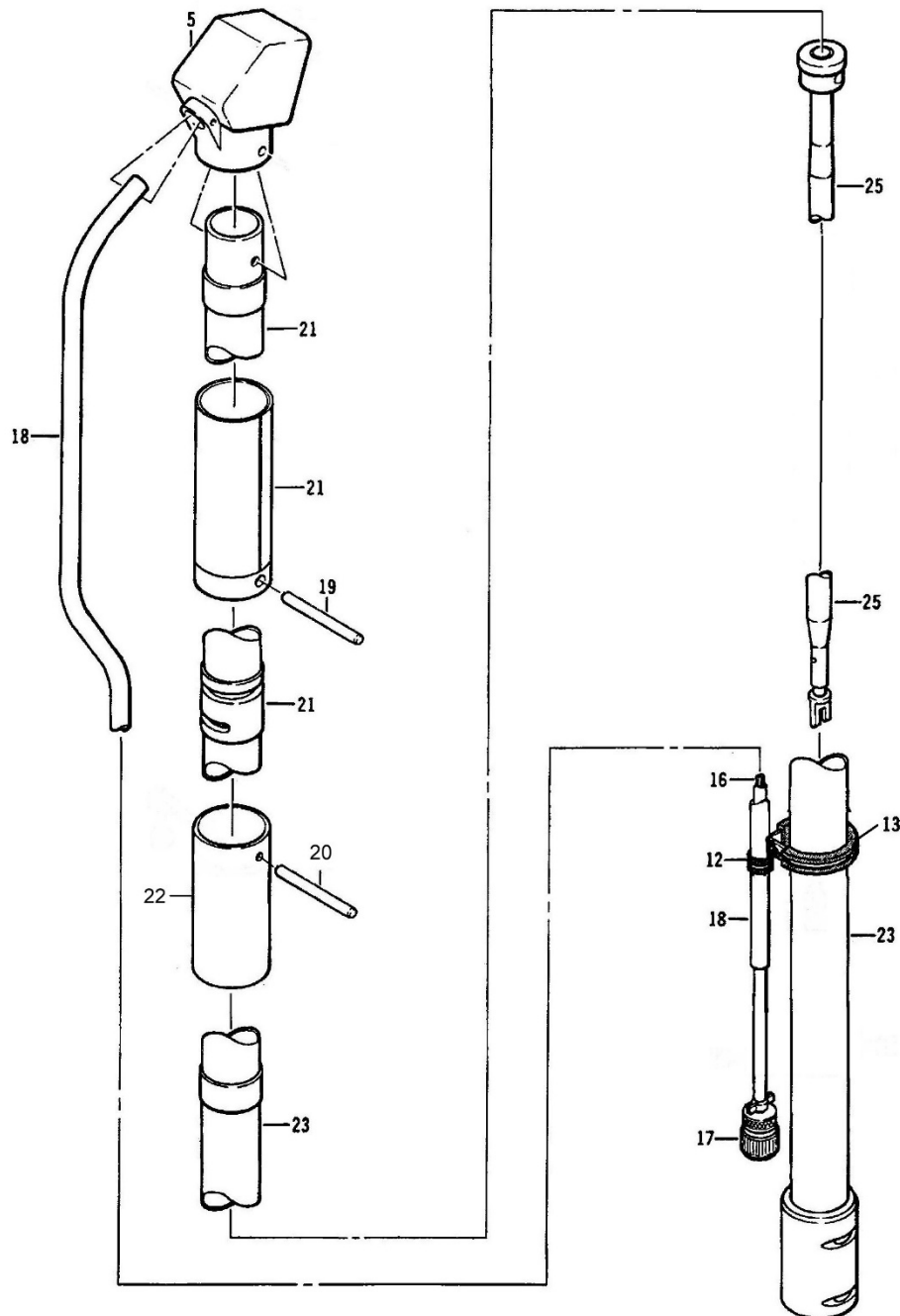


Figure 67-7 - Collective Stick, Co-Pilot

67-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 67-7				
5		Collective Head (See Figure 67-6 for details)	1	
12	MS21919WDG5	Clamp	1	
13	MS21919WDG28	Clamp	1	
16	204-075-423-003	Cable Assembly	1	
17	MS3116E16-26B	Connector	1	
18	204-001-250-001	Conduit	1	
19	212-001-228-101	Pin (Usable on 212-001-167-001)	1	
19	212-001-140-001	Pin (Usable on 212-001-167-103 and -109)	1	
20	NAS561C4-24	Pin	1	1
21	212-001-171-001	Grip Assembly	1	
22	D212-725-1-027	Spacer	1	
23	212-001-170-001	Stick Tube (Usable on 212-001-167-001)	1	
23	212-001-170-101	Stick Tube (Usable on 212-001-167-103)	1	
23	212-001-170-103	Stick Tube (Usable on 212-001-167-109)	1	
25	212-001-166-005	Tube Assembly (Usable on 212-001-167-001)	1	
25	212-001-166-101	Tube Assembly (Usable on 212-001-167-103 and -109)	1	

UOC Code

1 – S/N 30817 only

67-00-00

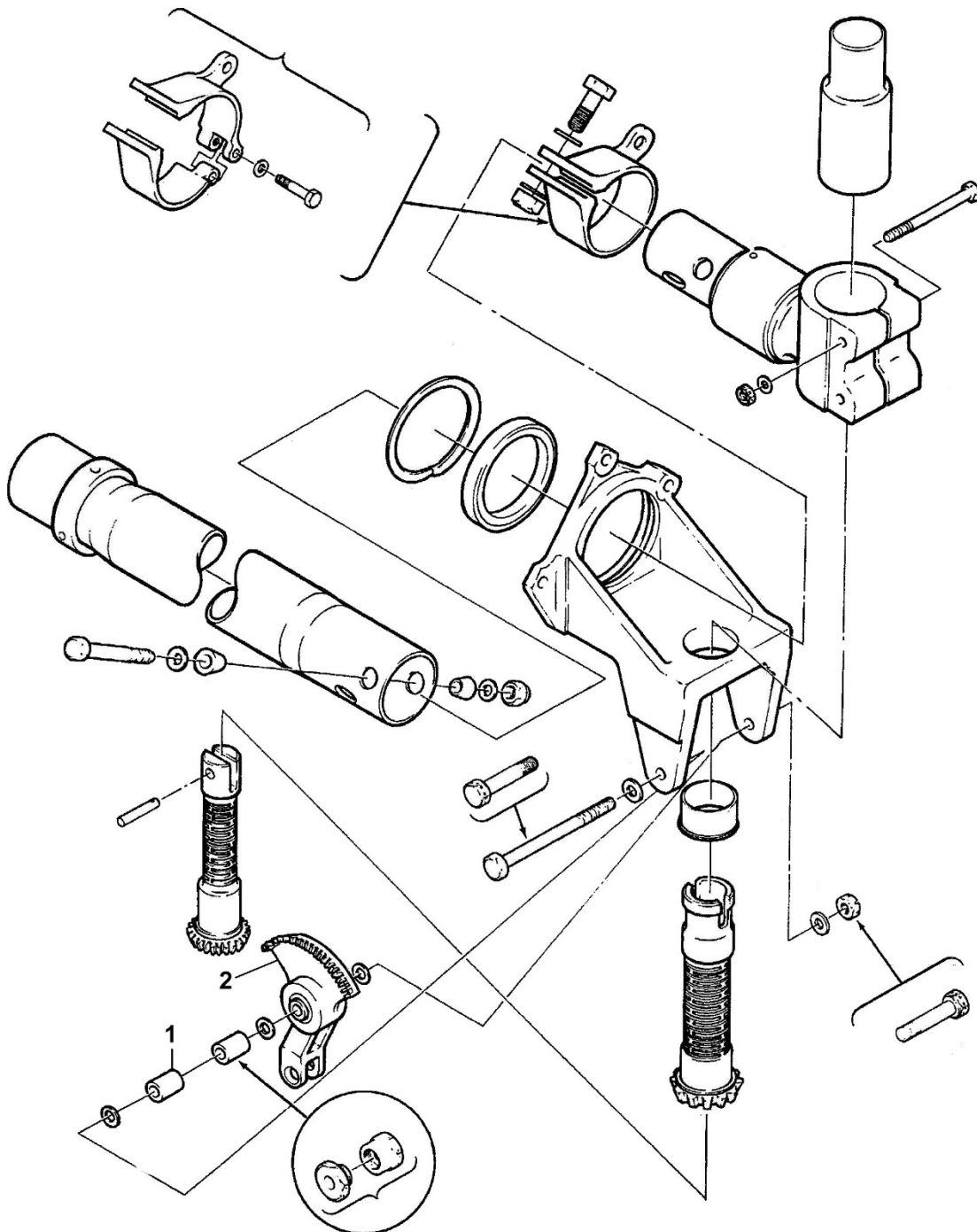


Figure 67-8 - Elbow and Support Assembly, Co-Pilot

67-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 67-8				
1	NAS43DD4-56	Spacer	1	
2	212-001-110-001	Gear Sector Assembly	1	

67-00-00

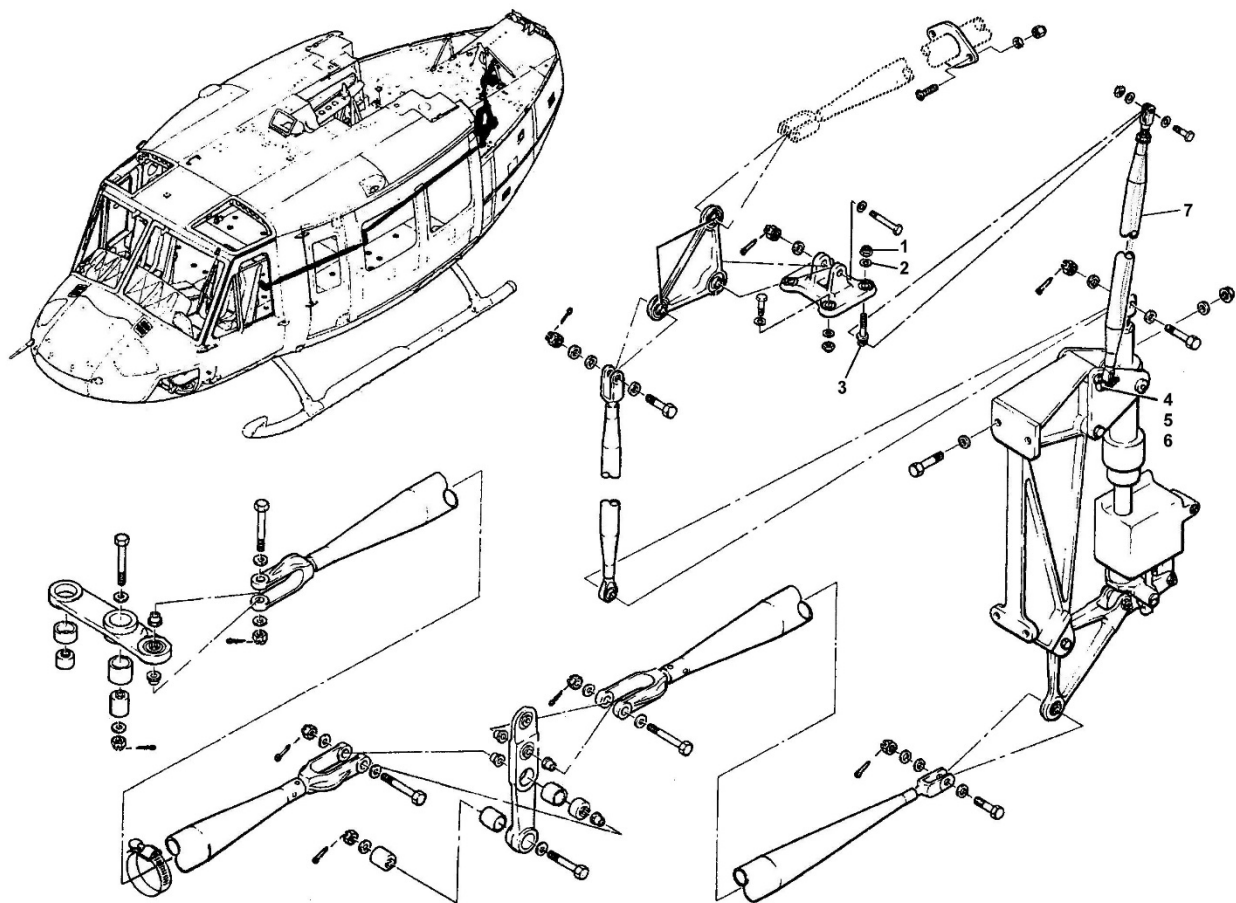


Figure 67-9 - Control Installation, Anti-Torque
(Aircraft S/Ns 30817, 30576, 30687, 30599, 30599, and 30931)

67-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 67-9				
1	MS21042L4	Nut	1	
2	NAS1149D0463J	Washer	2	
3	205-001-767-001	Eyebolt	1	
4	205-001-767-003	Eyebolt	1	
5	NAS1149D0463J	Washer	2	
6	MS21042L4	Nut	1	
7	205-001-769-001	Strut Assembly	1	

67-00-00

CHAPTER 71

POWER PLANT

71-00-00

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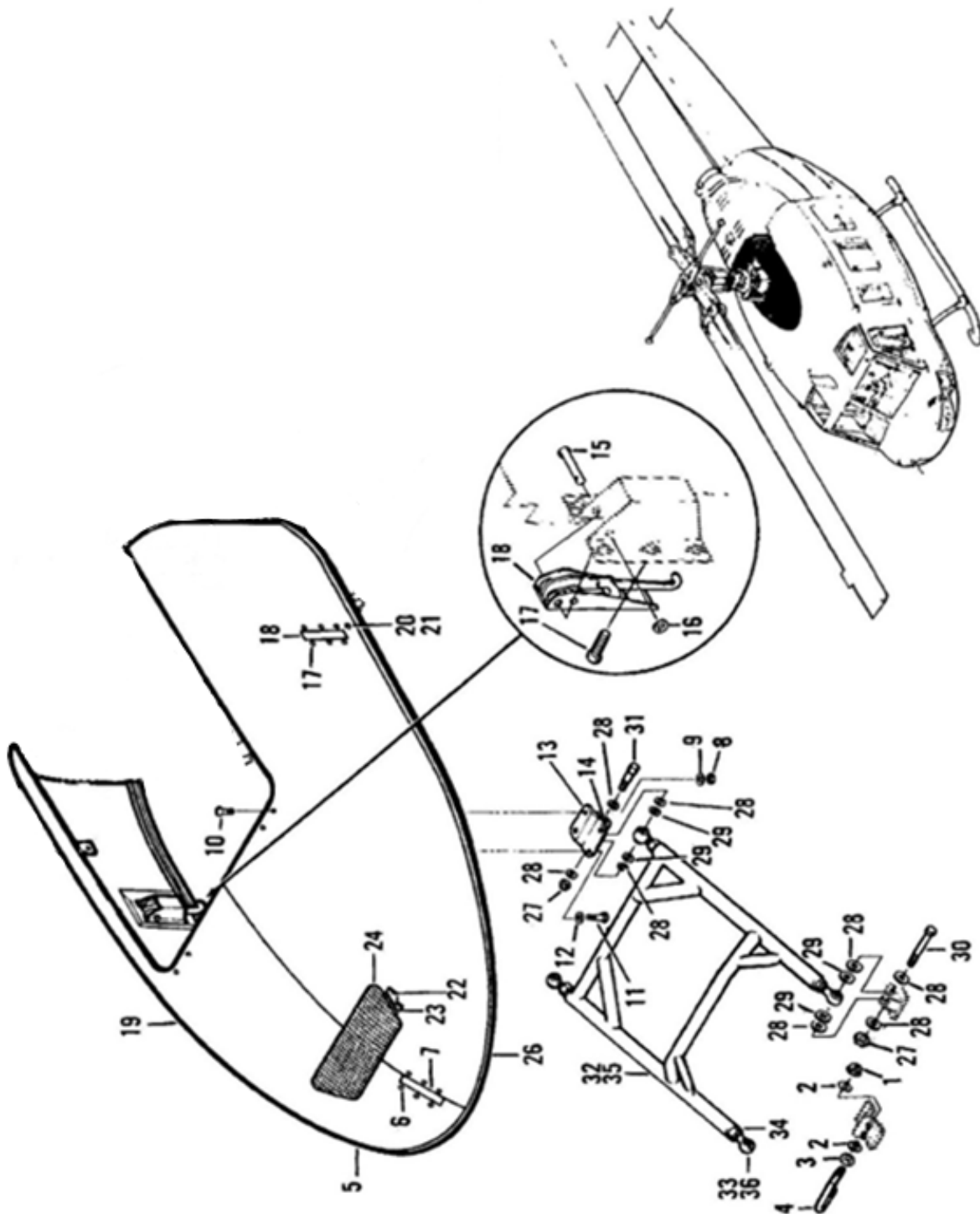


Figure 71-1 – Cowl Installation

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-1				
1	MS21042L3	Nut	2	
2	NAS1197-10L	Washer	4	
3	AN315C3R	Nut	2	
4	205-060-830-001	U-Bolt	1	
5	205-060-805-049	Fairing Assembly, Transmission	1	
5	205-060-805-083	Fairing Assembly, Transmission (Alternate Part)	1	
6	AN525-832R7	Screw	6	
7	90-005-5	Latch	1	
8	MS21042L3	Nut	4	
9	NAS1197-10	Washer	4	
10	AN525-10R9	Screw	4	
11	NAS464P3A3	Bolt	4	
12	NAS1197-10	Washer	4	
13	205-060-814-001	Support Assembly, Forward Hinge, Engine Cowl	2	
14	75B6B5-5-4	Bushing	2	
15	MS20392-2S35	Pin	2	
16	NAS1149D0332J	Washer	2	
17	AN525-832R7	Screw	12	
18	90-029-1	Latch	2	
19	205-060-805-051	Fairing Assembly, Transmission	1	
19	205-060-805-085	Fairing Assembly, Transmission (Alternate Part)	1	
20	MS27980-7B	Stud	2	
21	MS27980-8B	Eyelet	2	
22	205-060-805-061	Seal	1	
23	205-060-805-057	Doubler	1	
24	205-060-805-059	Screen	1	
26	205-060-805-039	Seal	1	
27	AN320-4	Nut	4	
28	NAS1197-416L	Washer	16	
29	NAS1149F0432P	Washer	8	
30	AN4-13	Bolt	2	
31	AN4-16	Bolt	2	
32	205-060-804-001	Hinge Assembly, Transmission Cowl, Forward	1	
33	205-060-372-003	Rod End	4	
34	AN316-7R	Nut	4	
35	205-060-804-003	Frame Assembly	1	
36	205-060-834-003	Plug	4	

71-00-00

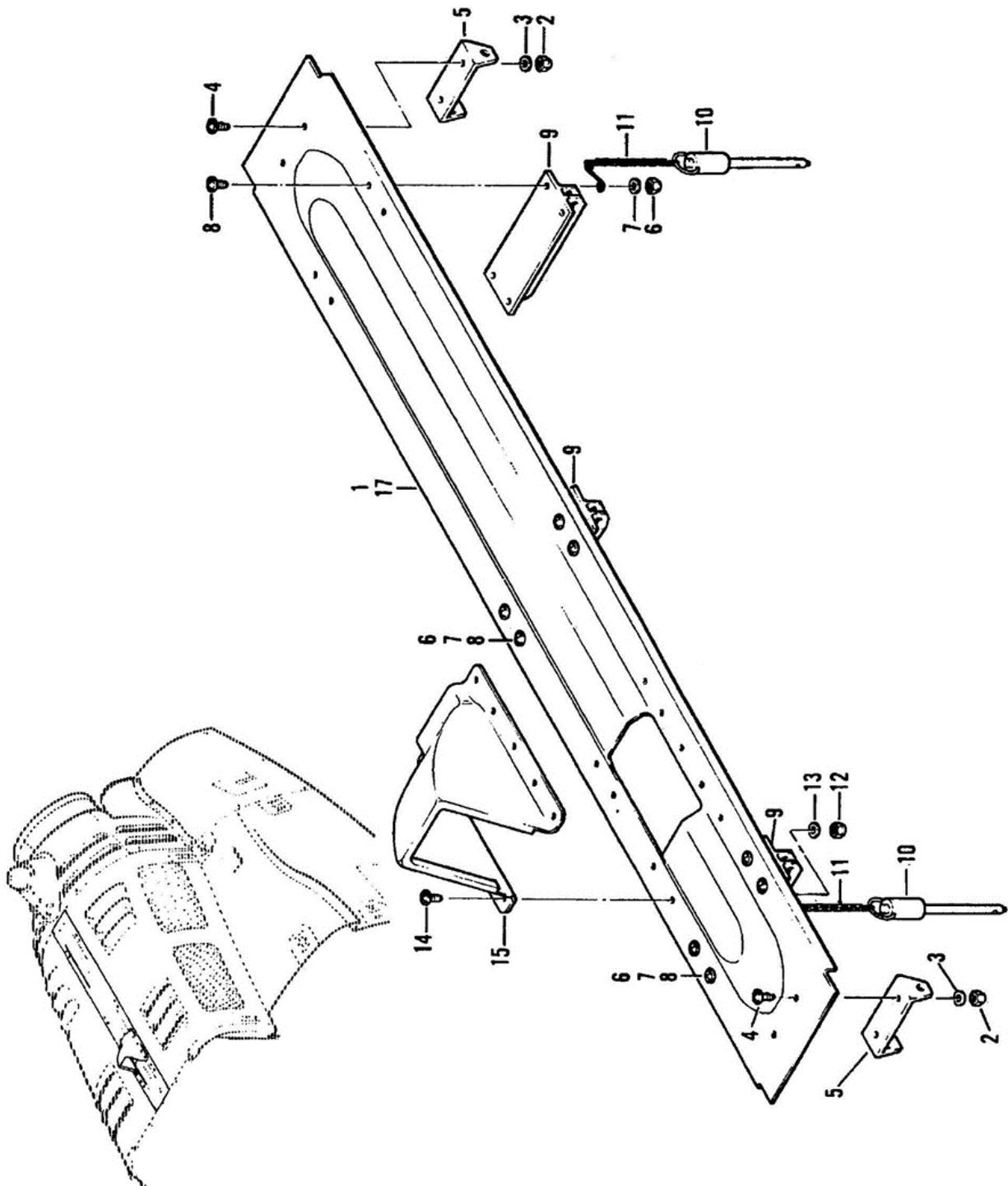


Figure 71-2 – Cowl Installation

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-2				
1	205-060-801-015	Beam Assembly	1	
2	MS21042L3	Nut	4	
3	NAS1149D0332J	Washer	4	
4	AN525-10R8	Screw	4	
5	205-060-837-001	Fitting	2	
6	MS21042L3	Nut	12	
7	NAS1149D0332J	Washer	12	
8	AN525-10R6	Screw	12	
9	205-060-836-001	Fitting	3	
10	NAS1354DS7S29	Pin	2	
11	RS139-5	Chain Assembly	2	
12	MS21042L3	Nut	5	
13	NAS1149D0332J	Washer	5	
14	AN525-10R6	Screw	9	
15	205-060-883-001	Scoop	1	
17	205-060-801-017	Beam	1	

71-00-00

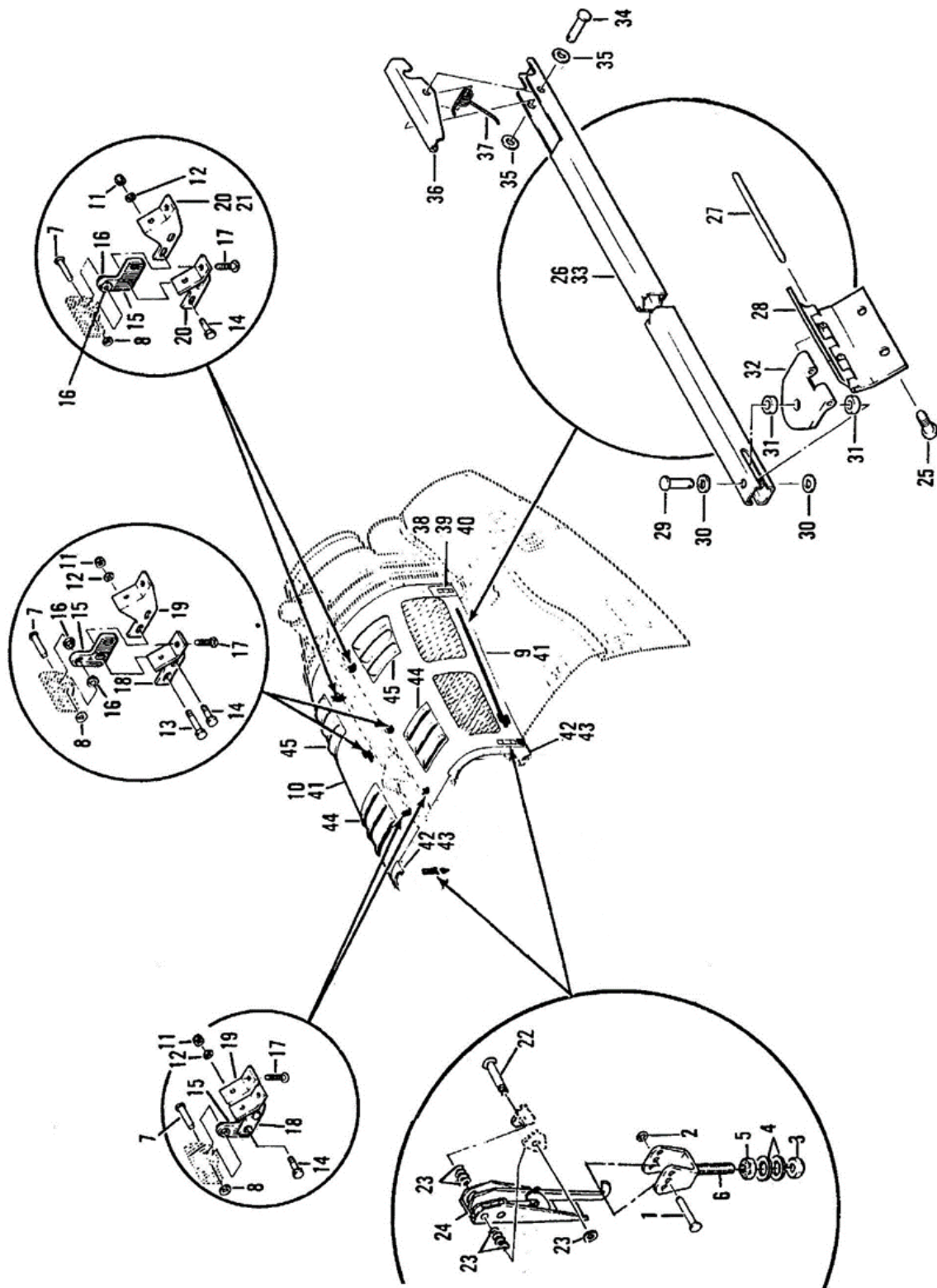


Figure 71-3 – Cowl Installation

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-3				
1	MS20392-2S31	Pin	2	
2	NAS1149D0332J	Washer	2	
3	MS21042L4	Nut	2	
4	NAS1149D0416J	Washer	4	
5	AN315C4R	Nut	2	
6	205-060-863-001	Fitting	2	
7	MS20392-2S17	Pin	6	
8	NAS1149D0332J	Washer	6	
9	205-060-807-083	Cowl Assembly, Engine, Upper, LH	1	
10	205-060-807-084	Cowl Assembly, Engine, Upper, RH	1	
11	MS21042L3	Nut	6	
12	NAS1149D0332J	Washer	6	
13	AN3-10A	Bolt	1	
14	AN3-7A	Bolt	1	
15	205-060-820-001	Hinge Assembly	3	
16	22-005B11-9-14	Bushing	2	
17	AN525-10R9	Screw	12	
18	205-060-818-001	Fitting	2	
19	205-060-818-002	Fitting	2	
20	205-060-819-001	Fitting	1	
21	205-060-819-002	Fitting	1	
22	MS20392-2S41	Pin	1	
23	NAS1149D0332J	Washer	9	
24	90-029-1	Latch	1	
25	AN525-10R9	Screw	4	
26	205-060-802-001	Brace Assembly	1	
27	MS20253P2-7200	Pin	1	
28	205-060-802-013	Fitting	2	
29	MS20392-2S19	Pin	1	
30	NAS1149C0332R	Washer	2	
31	NAS43DD3-8	Spacer	2	
32	205-060-802-011	Hinge	1	
33	205-060-802-003	Brace Assembly	1	
34	MS20392-1S17	Pin	1	
35	NAS1149CN416R	Washer	2	
36	205-060-802-007	Latch	1	
37	205-060-802-009	Spring	1	
38	MS20392-2S39	Pin	1	
39	NAS1149D0332J	Washer	1	
40	90-029-1	Latch	1	
41	205-060-807-082	Cowl Assembly, Air Intake, LH	1	
41	205-060-807-086	Cowl Assembly, Air Intake, RH	1	
42	205-060-849-009	Scoop Assembly, Air Intake, LH	1	
42	205-060-849-010	Scoop Assembly, Air Intake, RH	1	
43	205-060-807-081	Seal	1	
44	205-060-807-013	Louver Assembly, LH	1	

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Item	Part Number	Item Name	Unit per Assy.	UOC
44	205-060-807-014	Louver Assembly, RH	1	
45	205-060-807-015	Louver Assembly, LH	1	
45	205-060-807-016	Louver Assembly, RH	1	

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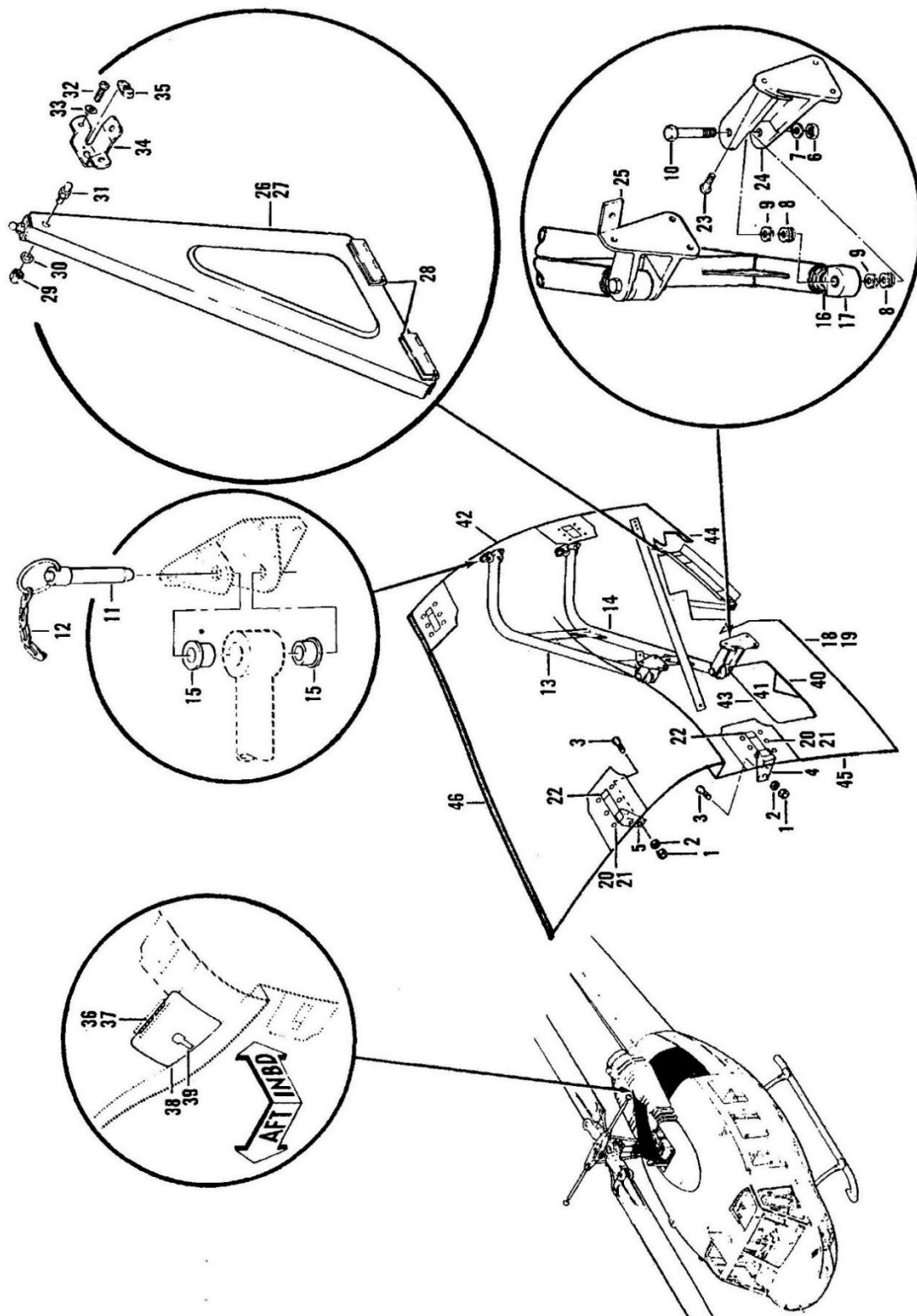


Figure 71-4 - Cowl Installation

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-4				
1	MS21042L3	Nut	8	
2	NAS1149D0332J	Washer	8	
3	AN3-6A	Bolt	8	
4	205-060-821-003	Fitting (Alternate Part)	2	
4	E212-1009-121	Fitting	2	1
5	205-060-821-001	Fitting (Alternate Part)	2	
5	E212-1009-119	Fitting	2	1
6	AN320-4	Nut	4	
7	NAS1149D0416J	Washer (Note 1)	4	
8	NAS1149F0432P	Washer (Note 1)	24	
9	NAS1149F0463P	Washer (Note 1)	16	
10	AN4-17	Bolt	4	
11	NAS1354D-S7S15	Pin	4	
12	NAS1455B00-(*)	Chain	4	
13	205-060-843-001	Hinge Assembly, Lower Engine Cowl, Upper	2	
14	205-060-843-003	Weld Assembly	1	
15	22-006B15-32-16	Bushing	4	
16	AN316-9R	Nut	2	
17	205-060-372-001	Rod End	2	
18	205-060-826-133	Cowl Assembly, Lower, LH	1	
19	205-060-826-134	Cowl Assembly, Lower, RH	1	
20	AN525-832R6	Screw	24	
21	NAS1149DN832J	Washer	24	
22	90-005-5	Latch	4	
23	AN525-10R10	Screw	8	
24	205-060-855-001	Support Hinge, LH	1	
24	205-060-855-002	Support Hinge, RH	1	
25	205-060-856-001	Support Hinge, LH	1	
25	205-060-856-002	Support Hinge, RH	1	
26	205-060-860-011	Support Assembly, LH	1	
26	205-060-860-012	Support Assembly, RH	1	
27	205-060-860-013	Support Assembly, LH	1	
27	205-060-860-014	Support Assembly, RH	1	
28	MS20253P2-250	Pin	2	
29	MS21042L06	Nut	1	
30	NAS1149DN632J	Washer	1	
31	P116-499-10-495	Stud	1	
32	AN525-10R8	Screw	3	
33	NAS1149D0332J	Washer	3	
34	205-060-862-001	Bracket Assembly	1	
35	50-031-1	Fastener	1	
36	MS20253P2-387	Pin	1	
37	204-060-887-001	Spring (Usable on 205-060-826-134)	1	

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Item	Part Number	Item Name	Unit per Assy.	UOC
38	205-060-826-015	Door Assembly (Usable on 205-060-826-134)	1	
39	90-015-064-091	Latch	1	
40	MS20253P2-538	Pin	1	
41	204-060-869-001	Spring	2	
42	205-060-826-011	Cowl Assembly, LH	1	
42	205-060-826-109	Cowl Assembly, RH	1	
43	205-060-826-013	Door Assembly, LH	1	
43	205-060-826-014	Door Assembly, RH (Usable on 205-060-826-012)	1	
43	205-060-826-115	Door Assembly, RH (Usable on 205-060-826-109)	1	
44	205-060-826-083	Gasket	1	
45	205-060-826-085	Gasket	1	
46	205-060-826-081	Seal	1	

UOC Code

1 – Preferred for new builds and replacements

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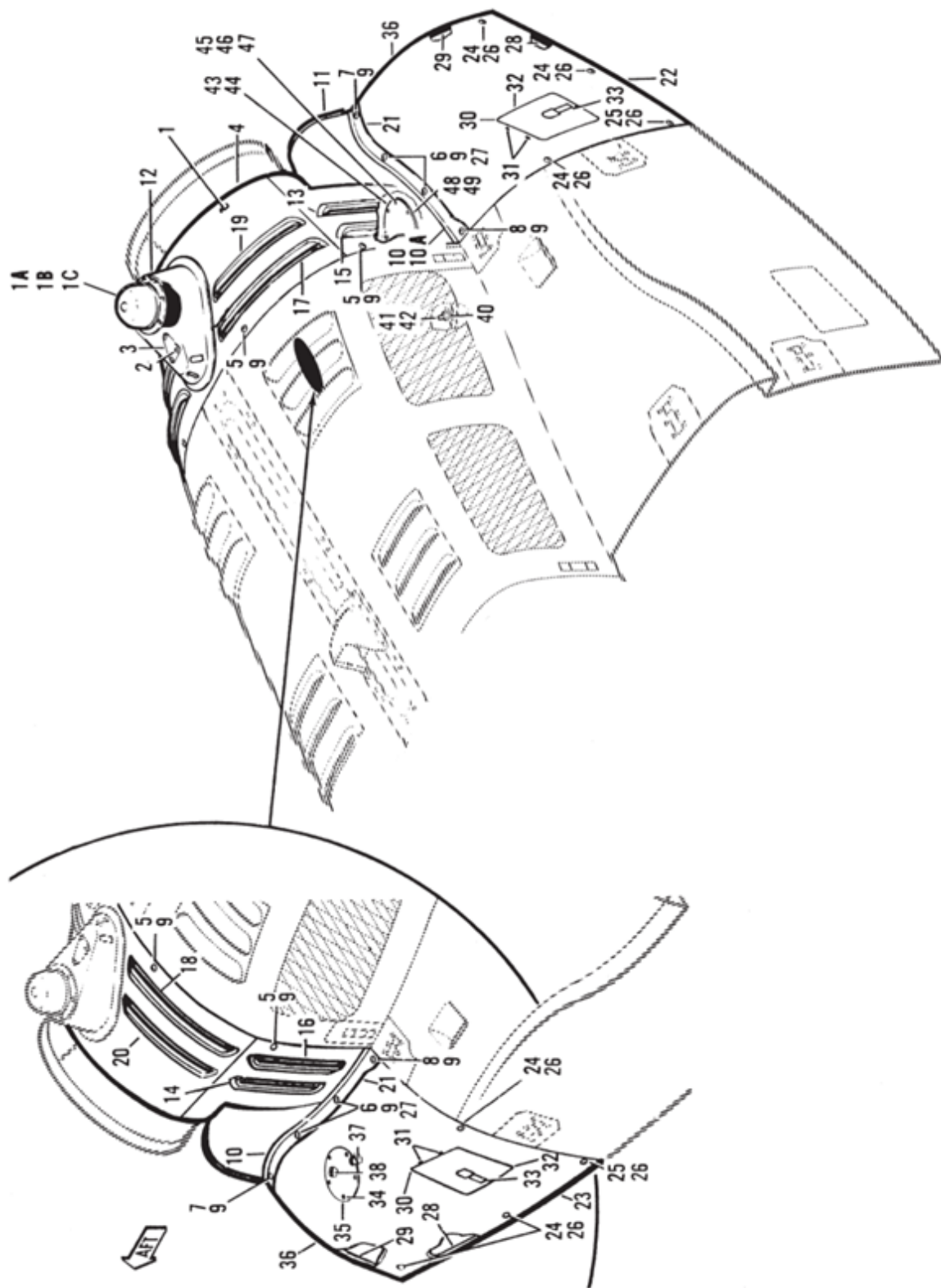


Figure 71-5 - Cowl Installation

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-5				
1	205-060-877-057	Fairing Assembly, Tail Pipe, Upper	1	
2	MS35206-245	Screw	3	
3	205-060-877-055	Plate	1	
4	205-060-877-075	Fairing Assembly	1	
5	50-005A17	Stud	4	
6	50-005A17	Stud	4	
7	50-005A20	Stud	2	
8	A5T25	Fastener	2	
9	GH5	Grommet	12	
10	205-060-877-043	Strip	2	
11	205-060-877-047	Strip	1	
12	205-060-803-001	Support	1	
13	205-060-877-035	Louver, LH	1	
14	205-060-877-036	Louver, RH	1	
15	205-060-877-037	Louver	1	
16	205-060-877-038	Louver	1	
17	205-060-877-039	Louver	1	
18	205-060-877-040	Louver	1	
19	205-060-877-041	Louver	1	
20	205-060-877-042	Louver	1	
21	205-060-877-043	Strip, Chafe	1	
22	205-060-810-039	Fairing Assembly, Tail Pipe, Lower, LH	1	
23	205-060-810-002	Fairing Assembly, Tail Pipe, Lower, RH	1	
24	50-005A17	Stud	3	
25	50-005A20	Stud	1	
26	GH5	Grommet	4	
27	50-008RF5	Receptacle	2	
28	205-060-810-033	Strip, Chafe	1	
29	205-060-810-035	Strip, Chafe	1	
30	AN523-2-600	Pin	1	
31	204-060-887-001	Spring	2	
32	205-060-810-015	Door Assembly, LH	1	
32	205-060-810-016	Door Assembly, RH	1	
33	H5000-032-064	Latch	1	
34	AN525-832R8	Screw (Usable on 205-060-810-002)	5	
35	205-060-810-031	Cover (Usable on 205-060-810-002)	1	
36	205-060-810-041	Fairing Assembly, LH	1	
36	205-060-810-004	Fairing Assembly, RH	1	
37	205-060-810-029	Retainer (Usable on 205-060-810-004)	1	
38	205-060-810-027	Seal (Usable on 205-060-810-004)	1	
39	205-060-881-001	Shield Assembly, Tail Pipe (Not Illustrated)	1	
40	AN924-4	Nut	1	

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Item	Part Number	Item Name	Unit per Assy.	UOC
41	NAS1149C0763R	Washer	1	
42	AN833-4	Elbow	1	
48	205-060-881-015	Gasket, LH	1	
49	205-060-881-021	Gasket, RH	1	

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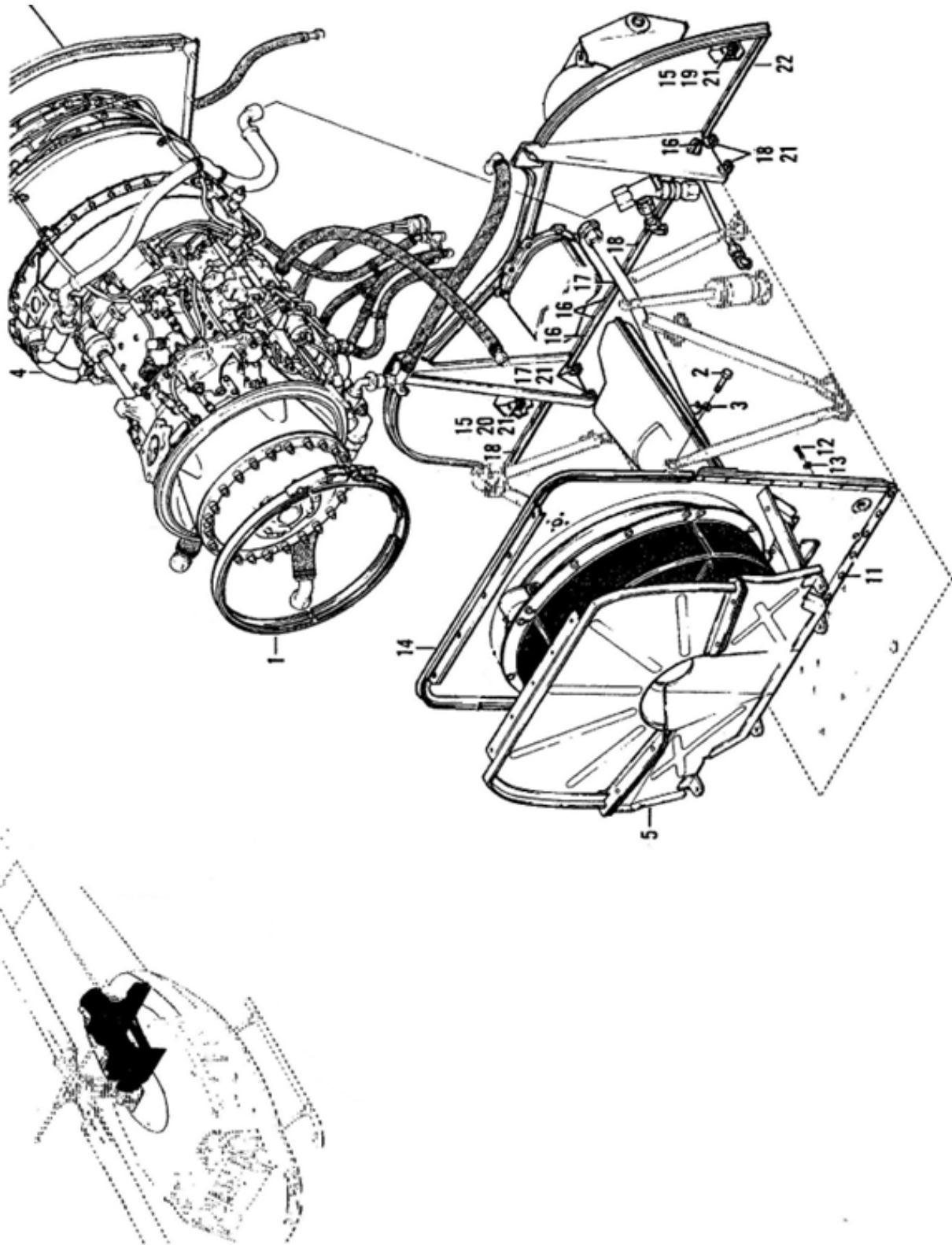


Figure 71-6 - Power Plant Installation

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-6				
1	S4409-1950M	Coupling	1	
1	53418C1950M	Coupling (Alternate Part)	1	
2	204-060-133-001	Bolt	1	
3	NAS1149F0632P	Washer	1	
4	T53-17A	Engine Assembly	1	
4	T53-17B	Engine Assembly (Alternate Part)	1	
4	T53-17BCV	Engine Assembly (Alternate Part)		
5	205-060-205-117	Baffle Assembly, Induction (See Figure 71-12 thru 71-14 for breakdown)	1	
5	205-060-205-135	Baffle Assembly, Induction (See Figure 71-12 thru 71-14 for breakdown)	1	
11	MS51958-62	Screw	11	
12	AN525-10R9	Screw	18	
13	NAS1149F0332P	Washer	18	
14	205-060-908-095	Firewall Assembly, Forward (See Figure 71-12 thru 71-14 for breakdown)	1	
14	205-060-908-071	Firewall Assembly, Forward (See Figure 71-12 thru 71-14 for breakdown)	1	
14	205-060-908-131	Firewall Assembly, Forward (See Figure 71-12 thru 71-14 for breakdown)	1	
15	MS51958-62	Screw	12	
16	AN526C1032R12	Screw	4	
17	MS51958-64	Screw	7	
18	MS51958-63	Screw	24	
19	NAS1149CN632R	Washer	4	
20	NAS1149C0332R	Washer	4	
21	120-008C23E7	Shim	16	
22	205-060-907-061	Firewall Assembly, Lower Aft (See Figure 71-12 thru 71-14 for breakdown)	1	

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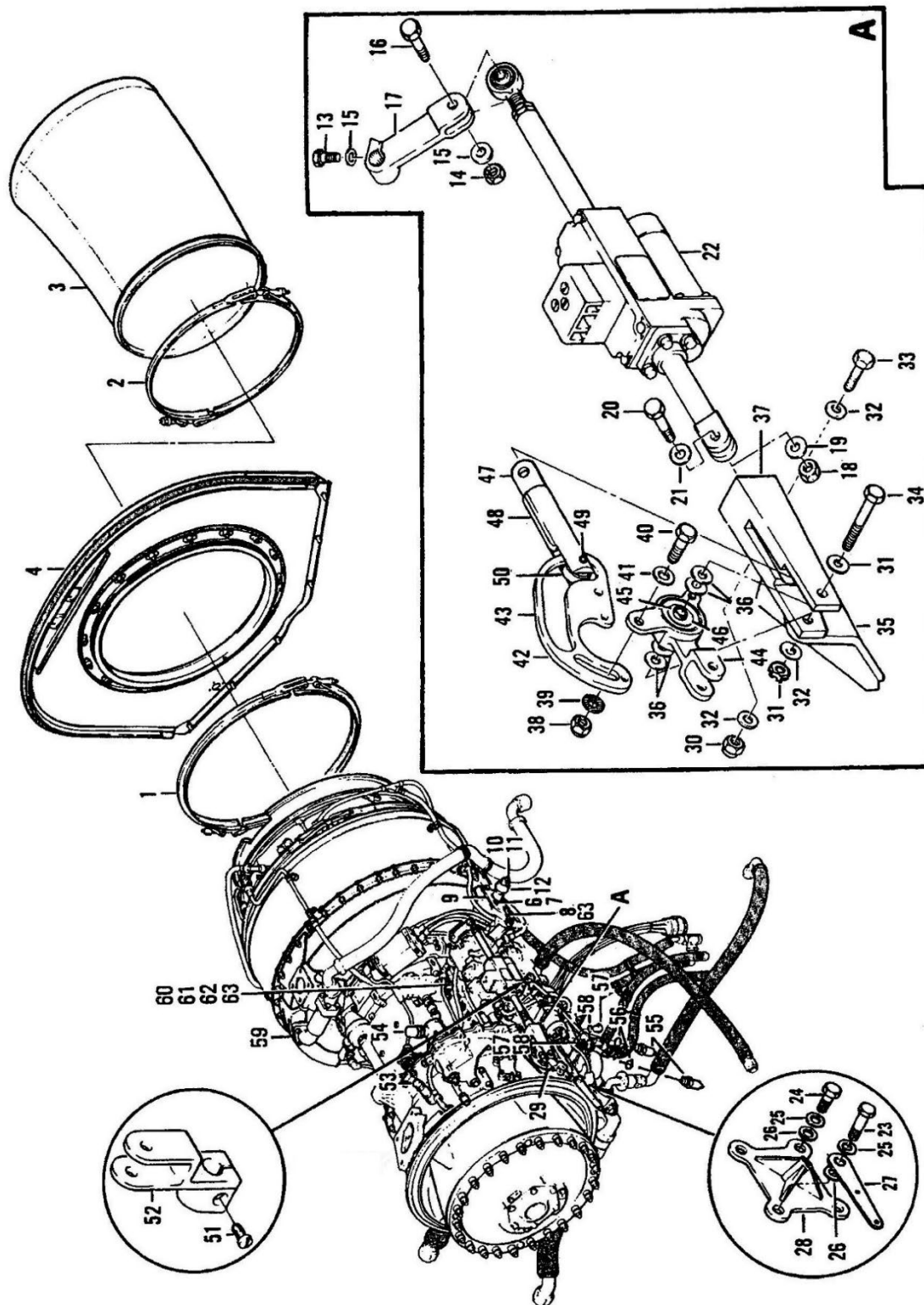


Figure 71-7 - Engine Assembly

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-7				
1	19131-1812M	Clamp	1	
1	5218SS1812	Clamp (Alternate Part)	1	
2	19131-1537M	Clamp	1	
2	5218SS1537	Clamp (Alternate Part)	1	
3	204-060-302-013	Tailpipe Assembly	1	
4	205-060-909-025	Firewall Assembly (See Figure 71-12 thru 71-14 for breakdown)	1	
4	205-060-909-045	Firewall Assembly (See Figure 71-12 thru 71-14 for breakdown)	1	
6	AN6CH6A	Bolt	4	
7	NAS1149C0632R	Washer	4	
8	205-060-020-003	Bracket	1	
9	204-060-152-001	Fitting	1	
10	MS21043-6	Nut	1	
11	NAS1149C0663R	Washer	1	
12	204-061-100-001	Bearing	1	
13	AN3CH5A	Bolt	1	
14	AN320C3	Nut	1	
15	NAS1149C0363R	Washer	2	
16	NAS1003-10	Bolt	1	
17	204-060-765-007	Lever	1	
18	AN320C4	Nut	1	
19	NAS1149C0463R	Washer	1	
20	AN174-6	Bolt	1	
21	3539-14-02	Washer	1	
22	204-060-762-001	Actuator, Motor, Governor RPM	1	
23	AN8CH10A	Bolt	2	
24	AN8CH6A	Bolt	2	
25	NAS1149F0832P	Washer	4	
26	NAS1149F0863P	Washer	2	
27	205-060-020-007	Support	1	
28	204-060-161-001	Trunnion	1	
29	204-060-787-009	Cambox Assembly	1	
30	MS21042L3	Nut	1	
31	AN320-3	Nut	1	
32	NAS1149D0363J	Washer	4	
33	AN173-7A	Bolt	1	
34	AN173-15	Bolt	1	
35	204-060-786-001	Bracket	1	
36	120-008C11-7	Shim	4	
37	204-060-778-001	Housing	1	
38	MS21042L3	Nut	3	
39	140-027-1D	Washer	1	
40	AN173-6A	Bolt	1	
41	NAS1149D0363J	Washer	1	
42	204-060-787-005	Cambox Assembly	1	

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Item	Part Number	Item Name	Unit per Assy.	UOC
43	204-061-705-001	Cam	1	
44	204-060-779-001	Bellcrank	1	
45	MS27644-3	Bearing	1	
46	120-014-3A	Sleeve	1	
47	204-060-783-007	Slider Assembly	1	
48	204-060-782-001	Key	1	
49	204-060-785-001	Pin	1	
50	MS27641-3	Bearing	1	
51	MS35276-264	Screw	1	
52	204-060-729-001	Arm	1	
53	7G33-1	Switch	1	
54	22A554	Tach Generator, Power Turbine	1	
54	AG34	Tach Generator, Power Turbine (Alternate Part)	1	
54	32005-005	Tach Generator, Power Turbine (Alternate Part)	1	
54	2CM12AAA	Tach Generator, Power Turbine (Alternate Part)	1	
55	1103P217	Switch	2	
56	MS29512-04	Packing, Preformed	2	
57	AN814-4JL	Plug	2	
58	M83248/1-904	Packing, Preformed	2	
59	T5317-A/B/BCV	Engine	1	
60	MS21042L3	Nut	2	
61	NAS11490332J	Washer	2	
62	MS35207-262	Screw	2	
63	20-032-1	Bracket	6	

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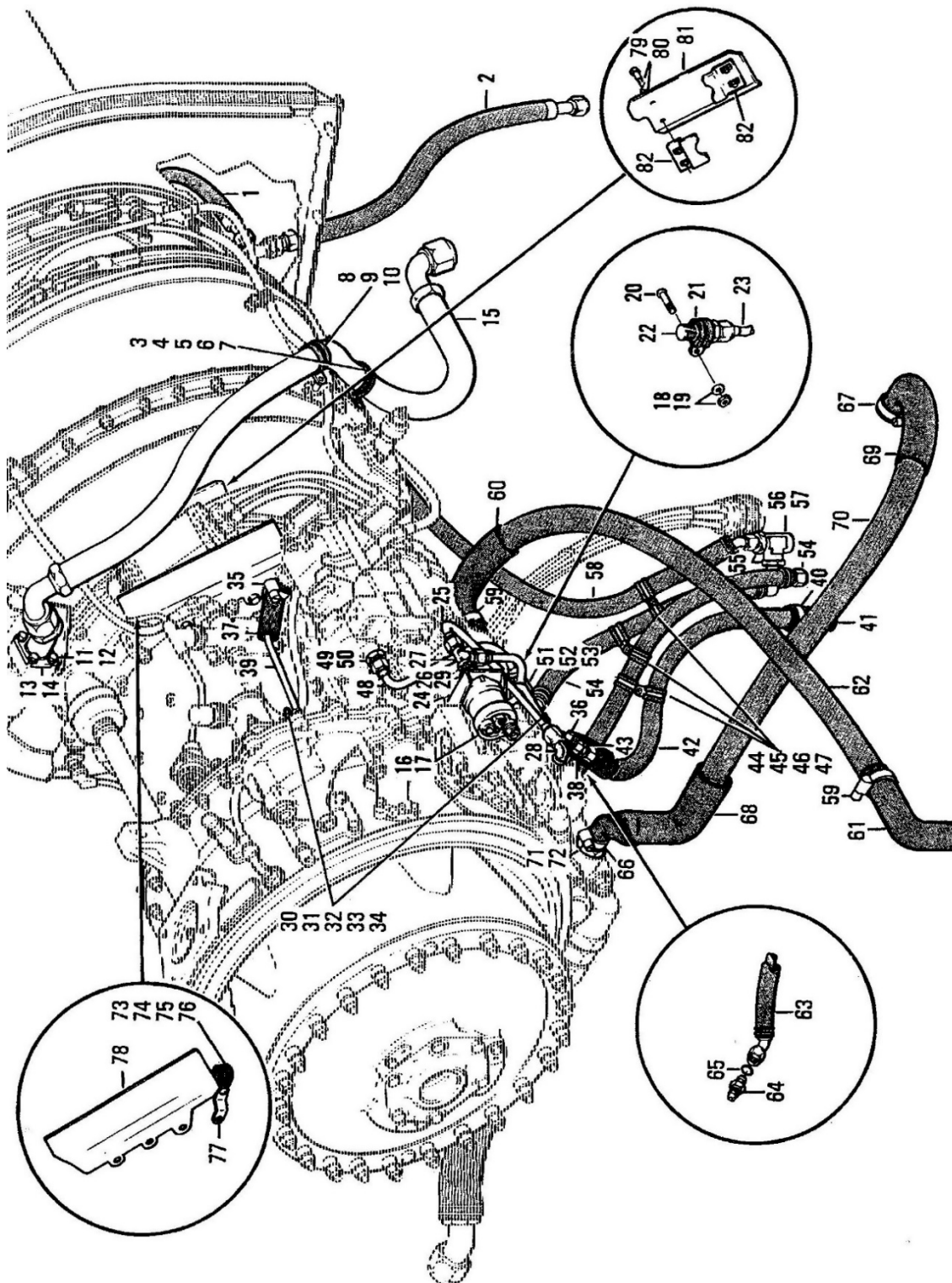


Figure 71-8 - Engine Assembly
(S/Ns 30817, 30687, and 30599)

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-8				
1	70-031C140-000	Hose Assembly	1	
2	70-031A150-000	Hose Assembly	1	
3	MS21042L3	Nut	1	
4	NAS1149D0332J	Washer	2	
5	MS35207-262	Screw	1	
6	20-032-1	Bracket	1	
7	MS21919WCH21	Clamp	1	
8	AN520-10R18	Screw	1	
9	NAS43DD3-40N	Spacer	1	
10	MS21919WCH21	Clamp	1	
11	AN4CH5A	Bolt	4	
12	NAS1149C0432R	Washer	4	
13	205-060-434-001	Adapter Assembly	1	
14	204-060-485-001	Gasket	1	
15	70-038F400-180	Hose Assembly	1	
16	204-060-084-001	Nut	1	
17	130-020-3	Transmitter, Oil Pressure	1	
18	MS21042L3	Nut	1	
19	NAS1149C0332R	Washer	1	
20	MS52958-63	Screw	1	
21	MS21919WCF11	Clamp	1	
22	8G1024	Switch, Engine Oil Pressure Warning	1	
23	205-061-042-001	Tube Assembly	1	
24	205-061-040-001	Bracket	1	
25	205-061-043-001	Tube Assembly	1	
26	AN924-4	Nut	2	
27	AN804J4	Tee	1	
28	204-060-031-015	Fitting Assembly	1	
29	MS29512-04	Packing, Preformed	2	
30	MS21042L3	Nut	2	
31	NAS1149F0332P	Washer	2	
32	AN525-10R6	Screw	2	
33	20-032-3	Bracket	2	
34	MS21919WCH4	Clamp	2	
35	AN737TW30	Clamp	1	
36	AN737TW56	Clamp	1	
37	205-061-531-009	Shroud	1	
38	205-061-531-015	Shroud	1	
39	205-061-046-001	Tube Assembly	1	
40	AN737TW56	Clamp	1	
41	205-061-531-015	Shroud	1	
42	156F001-5S-0146	Hose Assembly	1	
43	AN815-4	Union	1	
44	MS21042L3	Nut	3	
45	NAS1149D0332J	Washer	3	
46	MS35207-262	Screw	3	

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Item	Part Number	Item Name	Unit per Assy.	UOC
47	MS21919WDG12	Clamp	6	
48	204-060-082-001	Tube Assembly	1	
49	AN919-2	Reducer	1	
50	MS29512-03	Packing, Preformed	1	
51	AN924-4	Nut	1	
52	AN834-4	Tee	1	
53	MS29512-04	Packing, Preformed	1	
54	70-009F060Z164A	Hose Assembly	1	
55	AN919-6	Reducer	2	
56	AN938J6	Tee	1	
57	MS29512-06	Packing, Preformed	2	
58	70-009F000X243A	Hose Assembly	1	
59	AN737TW58	Clamp	2	
60	205-061-531-005	Shroud	1	
61	205-061-531-007	Shroud	1	
62	624117-10D240	Hose Assembly	1	
63	70-009F000X174A	Hose Assembly	1	
64	110-033-1	Reducer	1	
65	M83248/1-903	Packing, Preformed	1	
66	AN737TW34	Clamp	1	
67	AN737TW56	Clamp	1	
68	205-061-531-001	Shroud	1	
69	205-061-531-029	Shroud	1	
70	110-640119L0264	Hose Assembly	1	
70	70-009L110C264A	Hose Assembly (Alternate Part)	1	
71	502383-10C	Elbow	1	
71	TA5221	Fitting (Alternate Part)	1	
72	M83248/1-910	Packing, Preformed	1	
73	MS51958-63	Screw	1	
74	NAS1149C0332R	Washer	1	
75	MS21042L3	Nut	1	
76	MS21919WCH9	Clamp	1	
77	205-061-061-001	Clip	1	
78	205-061-060-001	Heatshield	1	
79	AN3-3A	Bolt	4	
80	NAS1149D0332J	Washer	4	
81	205-061-062-001	Heatshield	1	
82	205-061-063-001	Clip	2	

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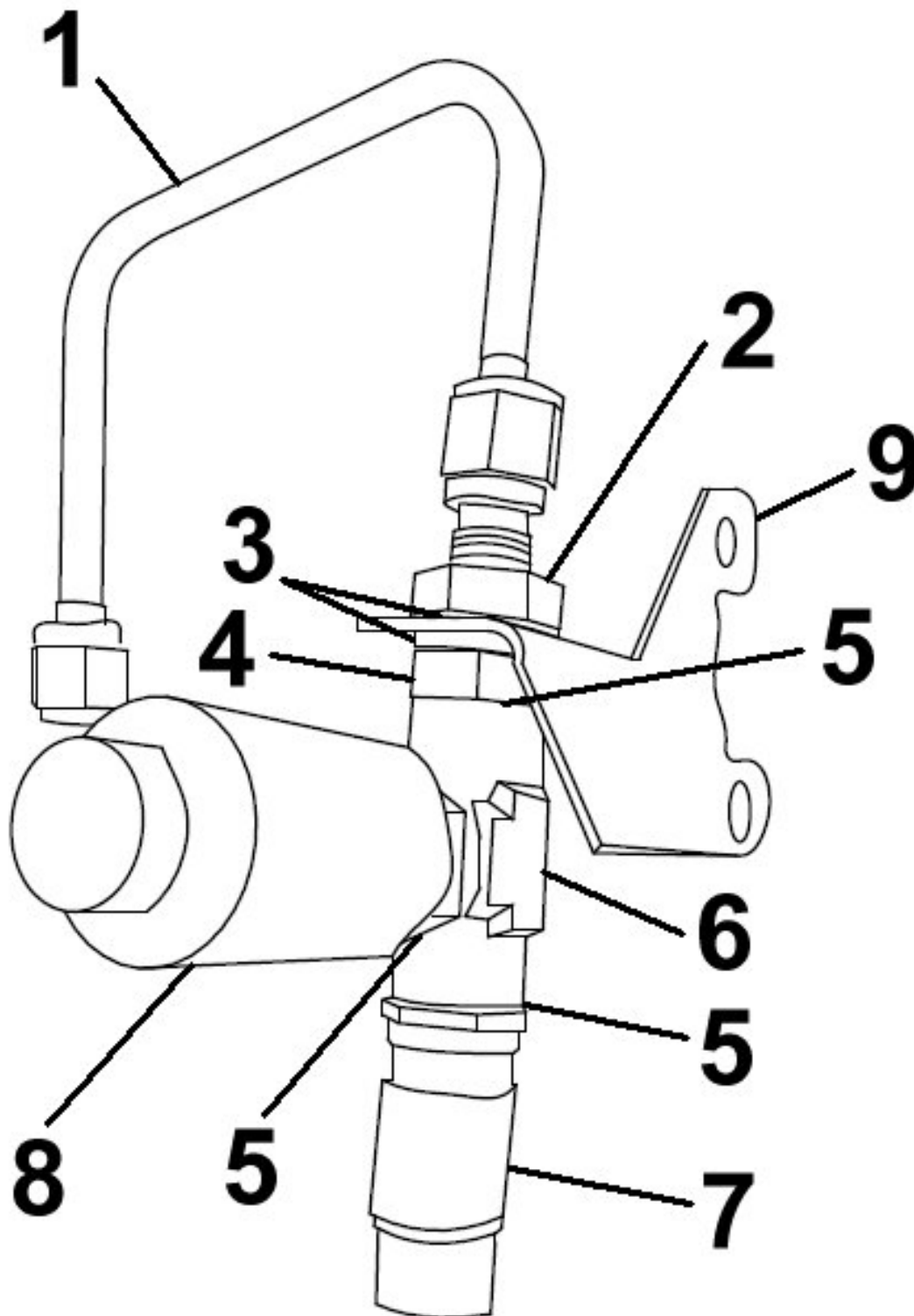


Figure 71-9 - Engine Assembly, Pressure Transducer
(All S/Ns except 30817, 30599, 30687)

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-9				
1	205-061-058-001	Tube Assembly	1	
2	AN924-4J	Nut	1	
3	NAS1149C0763R	Washer	2	
4	AN832-4J	Fitting	1	
5	M83248/1-904	Packing, Preformed	3	
6	AS5192J04	Fitting	1	
7	8G1024	Pressure Switch	1	
8	BAS-520-150G	Pressure Transducer	1	
9	D212-725-1-257	Bracket	1	

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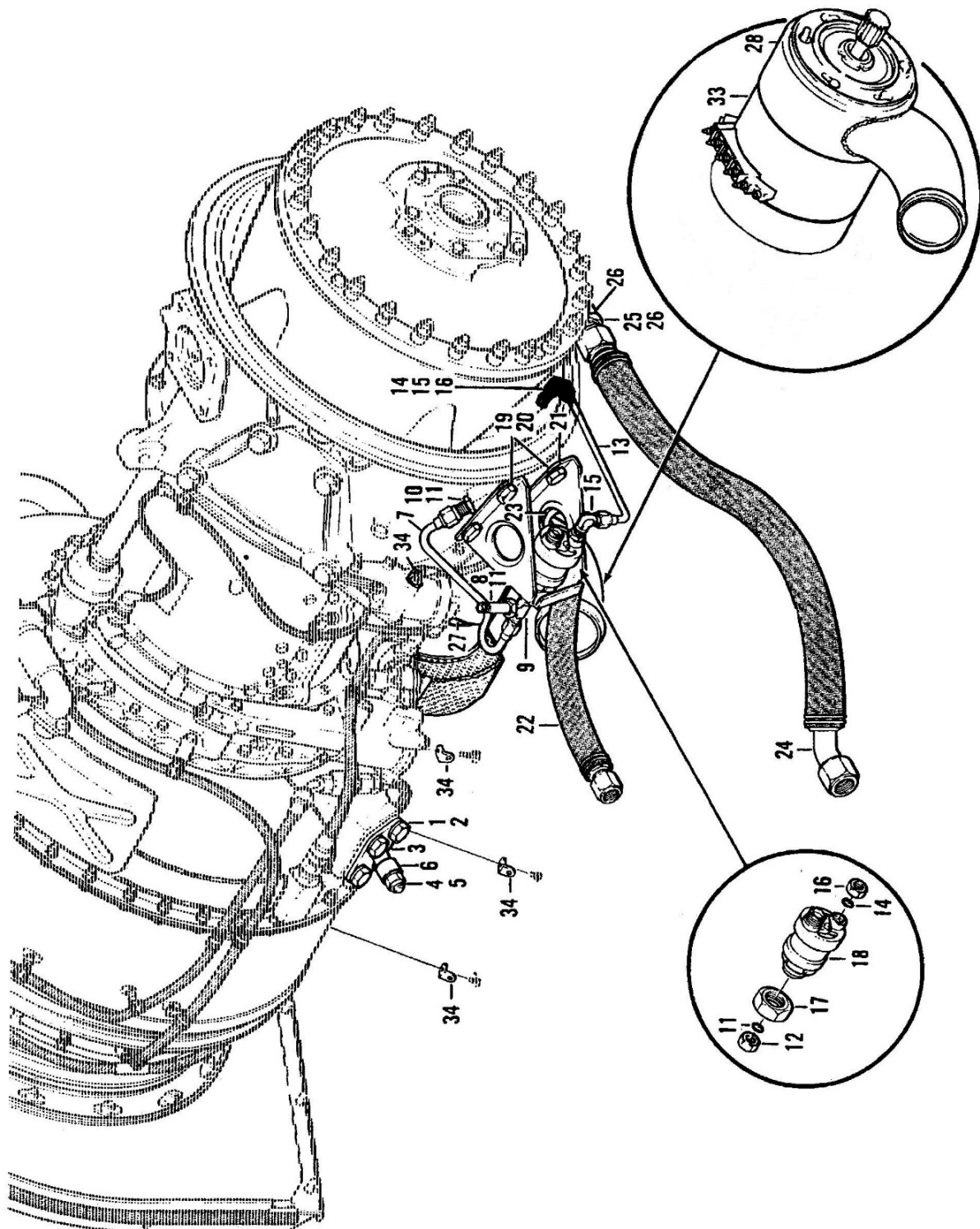


Figure 71-10 - Engine Assembly
(S/Ns 30817, 30687, and 30599)

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-10				
1	AN6CH6A	Bolt	4	
2	NAS1149C0632R	Washer	4	
3	204-060-152-001	Fitting	1	
4	MS21043-6	Nut	1	
5	NAS1149C0663R	Washer	1	
6	204-061-100-001	Bearing	1	
7	205-061-045-001	Tube Assembly	1	
8	8G325	Switch, Engine Torque Pressure	1	
9	AN783J4	Tee	1	
10	204-060-068-001	Restrictor	1	
11	M83248/1-904	Packing, Preformed	3	
12	AN924-4	Nut	1	
13	205-061-044-001	Tube Assembly	1	
14	M83248/1-904	Packing, Preformed	2	
15	AN833-4	Elbow	2	
16	AN924-4	Nut	2	
17	204-060-084-001	Nut	1	
18	130-020-9	Transmitter	1	
19	AN8CH6A	Bolt	4	
20	NAS1149F0832P	Washer	4	
21	205-061-041-001	Bracket	1	
22	624139-12D146	Hose Assembly	1	
22	156F0003-12D0146	Hose Assembly (Alternate Part)	1	
23	AN815-12	Union	1	
24	624139-16D224	Hose Assembly	1	
24	156F0003-16D0224	Hose Assembly (Alternate Part)	1	
25	204-060-045-001	Fitting	1	
26	M83248/1-912	Packing, Preformed	2	
27	GEU-7/A	Tach Generator (Gas Producer)	1	
27	22A554	Tach Generator (Gas Producer) (Alternate Part)	1	
27	32005-007	Tach Generator (Gas Producer) (Alternate Part)	1	
27	AG34	Tach Generator (Gas Producer) (Alternate Part)	1	
27	32005-005	Tach Generator (Gas Producer) (Alternate Part)	1	
27	2CM12AAA	Indicator (Gas Producer)	1	
28	205-060-430-005	Generator Assembly, Starter	1	
33	204-060-200-001	Starter Generator	1	
34	20-032-1	Bracket	4	

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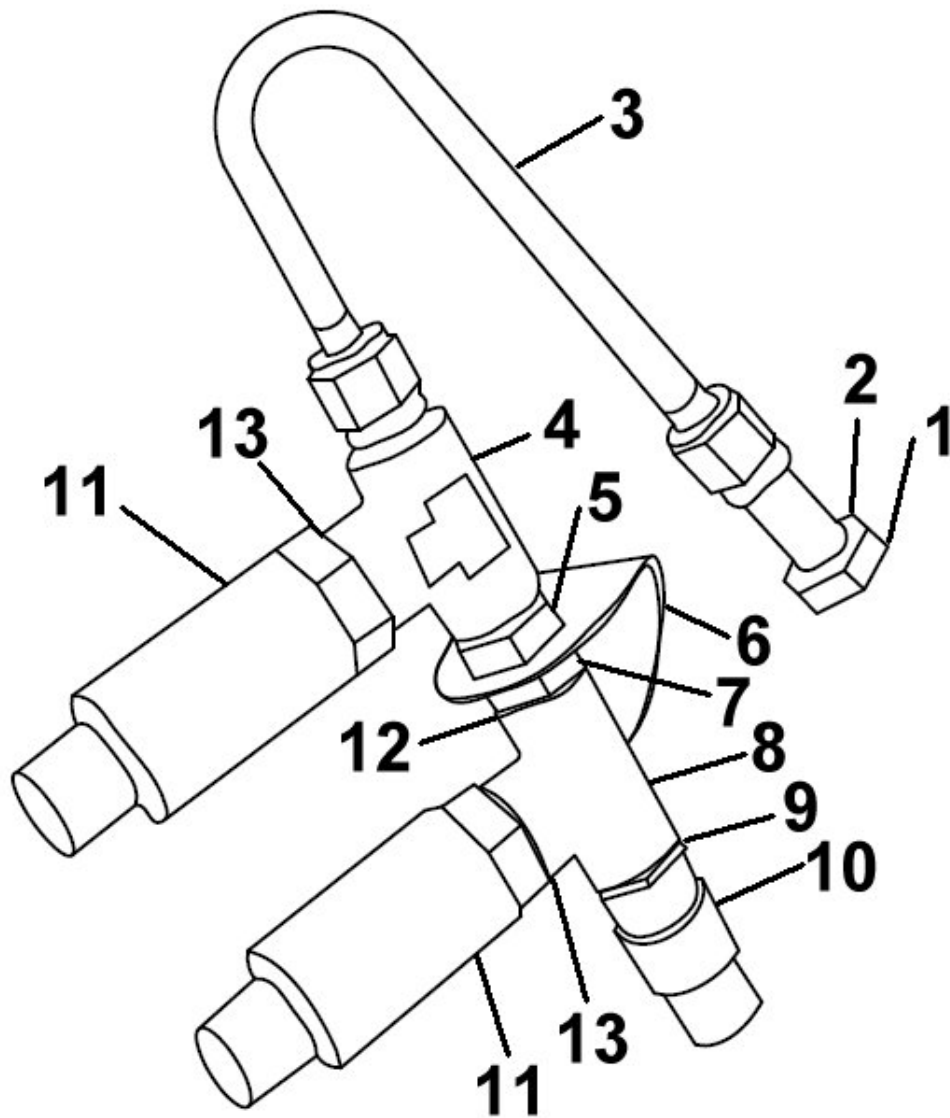


Figure 71-11 – Engine Assembly, Torque Transducer
(All S/Ns except 30817, 30576, 30687, 30599, and 30931)

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-11				
1	M83248/1-904	Packing, Preformed	1	
2	205-060-068-001	Fitting	1	
3	205-061-057-001	Tube Assembly	1	
4	AN783-4J	Fitting	1	
5	AN924-4J	Nut	1	
6	D212-725-1-227	Bracket	1	
7	AN924-4J	Nut	1	
8	AN938-4J	Fitting	1	
9	M83248/1-904	Packing, Preformed	1	
10	8G325	Transducer	1	
11	BAS-520-80G	Transducer	1	
12	M83248/1-904	Packing, Preformed	1	
13	M83248/1-904	Packing, Preformed	2	

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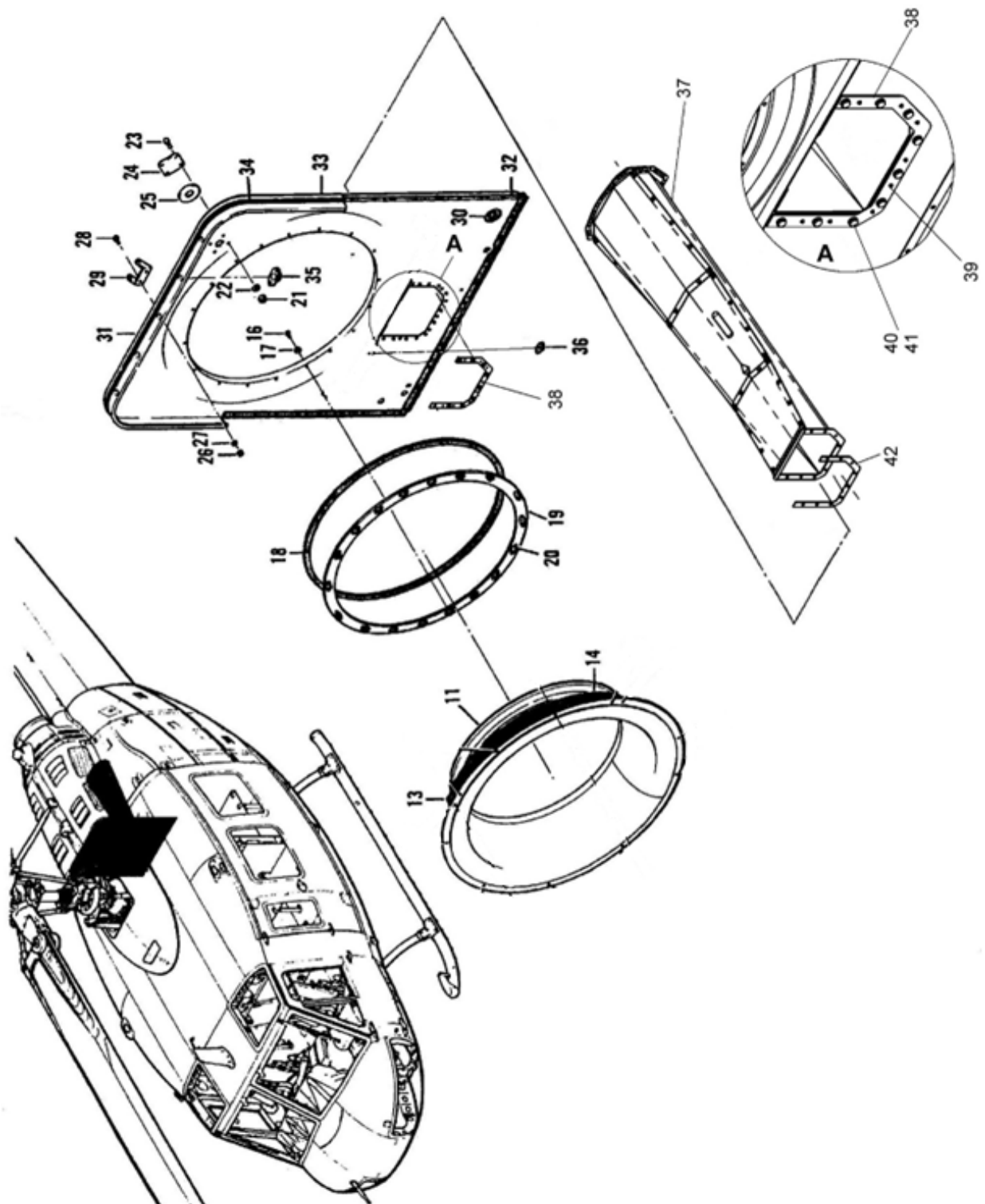


Figure 71-12 - Firewall Assembly, Forward and Fireshield Installation, Tail Rotor Driveshaft

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-12				
11	205-060-210-001	Bellmouth Assembly, Engine Air	1	
11	205-060-210-003	Bellmouth Assembly, Engine Air	1	
13	205-060-209-001	Support (Usable on 205-060-210-001)	1	
14	205-060-210-015	Gasket	6	
16	AN525-10R9	Screw	18	
17	NAS1149C0332R	Washer	18	
18	204-060-815-071	Spacer	1	
19	204-060-868-001	Ring Assembly	1	
20	MS21059L3K	Nutplate	18	
21	MS21042L06	Nut	4	
22	NAS1149CN616R	Washer	4	
23	MS35275-227	Screw	4	
24	205-060-908-099	Cover	1	
25	205-060-908-097	Gasket	1	
26	MS21042L3	Nut	2	
27	NAS1149C0363R	Washer	2	
28	AN3-4A	Bolt	2	
29	205-060-910-001	Fitting (Alternate Part)	1	
29	E212-1009-103	Fitting	1	1
30	205-060-753-001	Seal	1	
31	205-060-908-093	Firewall Assembly	1	
32	205-060-908-045	Gasket	2	
33	205-060-908-047	Seal	1	
34	205-060-908-043	Gasket	1	
35	50-008RF5	Receptacle	5	
36	50-008RF2	Receptacle	4	
37	D3648-041	Driveshaft Tunnel Assembly	1	
38	D3654-1	Doubler	1	
39	MS20427M4	Rivet	8	
40	AN3C-3A	Bolt	9	
41	NAS1149C0363R	Washer	9	
42	D3682-1	Gasket	1	

UOC Code

1 – Preferred for new builds and replacements

71-00-00

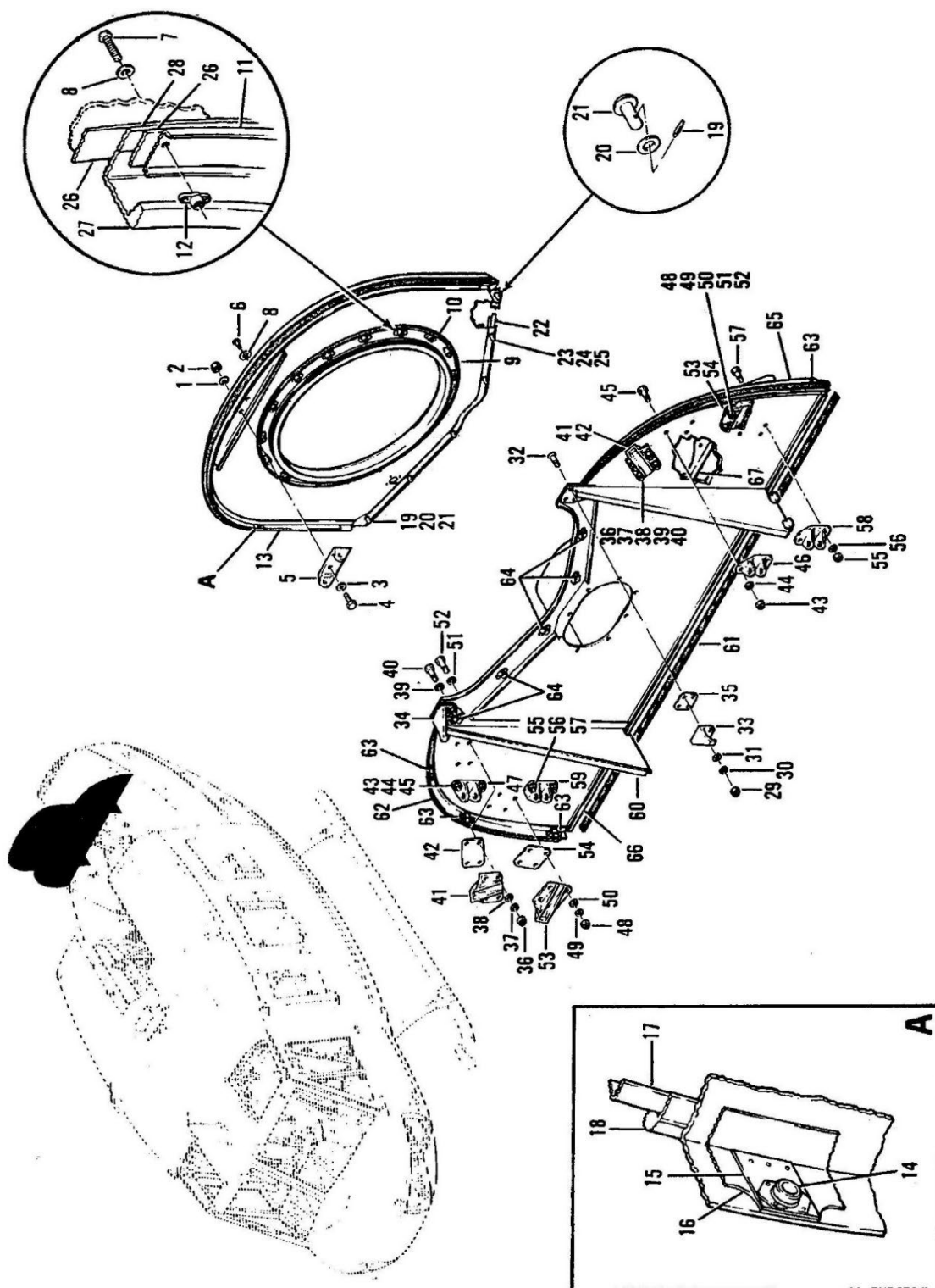


Figure 71-13 - Firewall Assembly, Aft, Upper and Lower

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-13				
1	MS21043-3	Nut	2	
2	NAS1149D0332J	Washer	2	
3	NAS1149C0332R	Washer	2	
4	AN3C4A	Bolt	2	
5	205-060-910-001	Fitting (Alternate Part)	1	
5	E212-1009-103	Fitting	1	1
6	MS51958-63	Screw	15	
7	AN526C1032R12	Screw	1	
7	AN526C1032R14	Screw	1	
8	AN970-3	Washer	16	
9	205-060-909-029	Channel Assembly	1	
10	204-060-816-033	Gasket	1	
11	204-060-816-007	Channel	1	
12	NAS680-C3M	Nutplate	16	
12	NAS680-C3MK	Nutplate (Alternate Part)	16	
13	205-060-909-027	Firewall Assembly, Aft, Upper	1	
13	205-060-909-047	Firewall Assembly, Aft, Upper (Alternate Part)	1	
14	50-008RF5	Receptacle	4	
15	205-060-909-019	Doubler	4	
16	205-060-909-023	Gasket	1	
17	205-060-909-011	Retainer	1	
18	205-060-909-007	Seal	1	
19	99836	Pin	2	
20	294119-06	Washer	2	
21	98292-2-200	Stud	2	
22	205-060-909-017	Gasket	1	
23	99836	Pin	4	
24	294119-06	Washer	4	
25	98292-2-160	Stud	4	
26	204-060-816-033	Gasket	2	
27	204-060-809-003	Ring	1	
28	204-060-816-031	Ring	1	
29	MS21043-3	Nut	8	
30	204-060-927-001	Washer	8	
31	NAS1149C0363R	Washer	8	
32	MS24694-C55	Screw	8	
33	205-060-912-001	Fitting, LH (Alternate Part)	1	
33	E212-1009-109	Fitting, LH	1	1
34	205-060-912-002	Fitting, RH (Alternate Part)	1	
34	E212-1009-110	Fitting, RH	1	1
35	205-060-917-001	Plate (Alternate Part)	2	
35	E212-1009-113	Plate	2	1
36	MS21043-3	Nut	8	
37	NAS1149C0332R	Washer	8	
38	NAS1149C0363R	Washer	8	

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
39	204-060-927-001	Washer	8	
40	AN3C6A	Bolt	8	
41	205-060-913-001	Fitting (Alternate Part)	2	
41	E212-1009-111	Fitting	2	1
42	205-060-936-001	Plate (Alternate Part)	2	
42	E212-1009-101	Plate	2	1
43	MS21043-3	Nut	6	
44	NAS1149C0332R	Washer	6	
45	AN3C4A	Bolt	6	
46	205-060-918-003	Fitting, LH (Alternate Part)	1	
46	E212-1009-117	Fitting, LH	1	1
47	205-060-918-004	Fitting, RH (Alternate Part)	1	
47	E212-1009-118	Fitting, RH	1	1
48	MS21043-3	Nut	8	
49	NAS1149C0332R	Washer	8	
50	NAS1149C0363R	Washer	8	
51	204-060-927-001	Washer	8	
52	AN3C6A	Bolt	8	
53	205-060-913-003	Fitting	2	
54	204-060-936-001	Plate (Alternate Part)	2	
54	E212-1009-101	Plate	2	1
55	MS21043-3	Nut	6	
56	NAS1149C0332R	Washer	6	
57	AN3C4A	Bolt	6	
58	205-060-918-001	Fitting, LH (Alternate Part)	1	
58	E212-1009-115	Fitting, LH	1	1
59	205-060-918-002	Fitting, RH (Alternate Part)	1	
59	E212-1009-116	Fitting, RH	1	1
60	205-060-907-063	Firewall Assembly, Aft, Lower	1	
61	205-060-907-037	Gasket	1	
62	205-060-907-035	Seal	2	
63	50-008RF5	Receptacle	6	
64	99833P098	Receptacle	6	
65	205-060-907-019	Frame, LH	1	
66	205-060-907-020	Frame, RH	1	
67	205-060-907-057	Bracket	1	

UOC Code

1 – Preferred for new builds and replacements

71-00-00

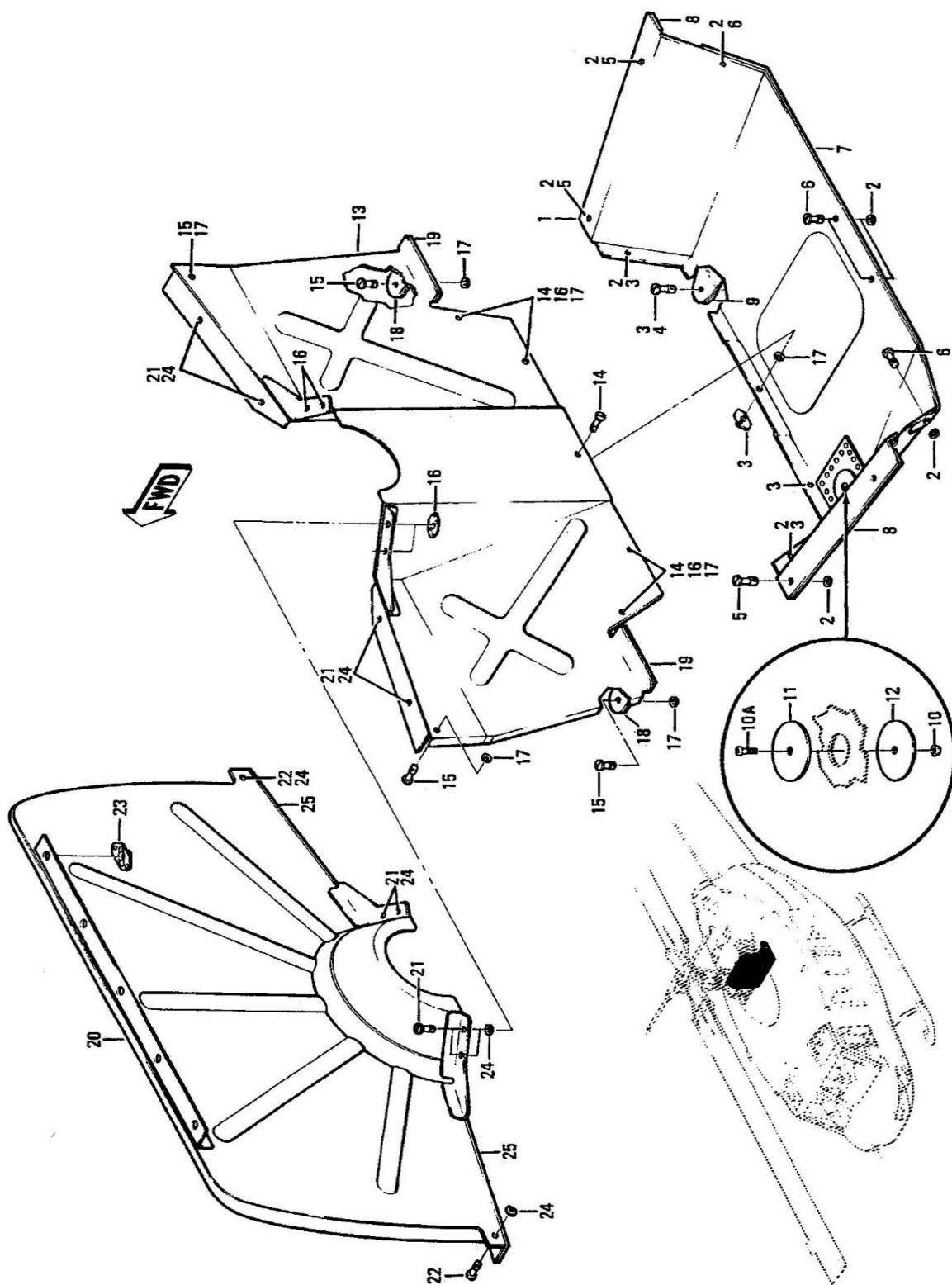


Figure 71-14 - Baffle Assembly, Induction

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-14				
1	205-060-205-113	Pan Assembly	1	1
1	205-060-205-143	Pan Assembly (Alternate Part)	1	1
2	50-009-2	Grommet	10	1
3	50-008RF2	Receptacle	5	1
4	50-007A18	Stud	2	1
5	50-007A15	Stud	4	1
6	50-007A12	Stud	4	1
7	205-060-205-097	Gasket	1	1
8	205-060-205-089	Gasket	2	1
9	205-060-205-095	Gasket	2	1
10	MS21042L3	Nut	1	1
10A	MS27039-1-06	Screw	1	1
11	204-060-224-003	Plug Installation	1	1
12	204-060-224-009	Plate	1	1
13	205-060-205-075	Baffle Assembly	1	
14	50-007A9	Stud	5	1
15	50-007A18	Stud	4	2
16	50-008RF2	Receptacle	8	2
17	50-009-2	Grommet	9	2
18	205-060-205-083	Gasket	2	1
19	205-060-205-099	Gasket	2	1
20	205-060-205-119	Baffle Assembly	1	
21	50-007A12	Stud	8	
22	50-007A18	Stud	2	
23	50-008RF5	Receptacle	5	
24	50-009-2	Grommet	10	
25	205-060-205-079	Gasket	2	

UOC Code

1 – Applicable only if STC SH07-49 is not installed.

2 – Quantity shown applicable only if STC SH07-49 is not installed.

71-00-00

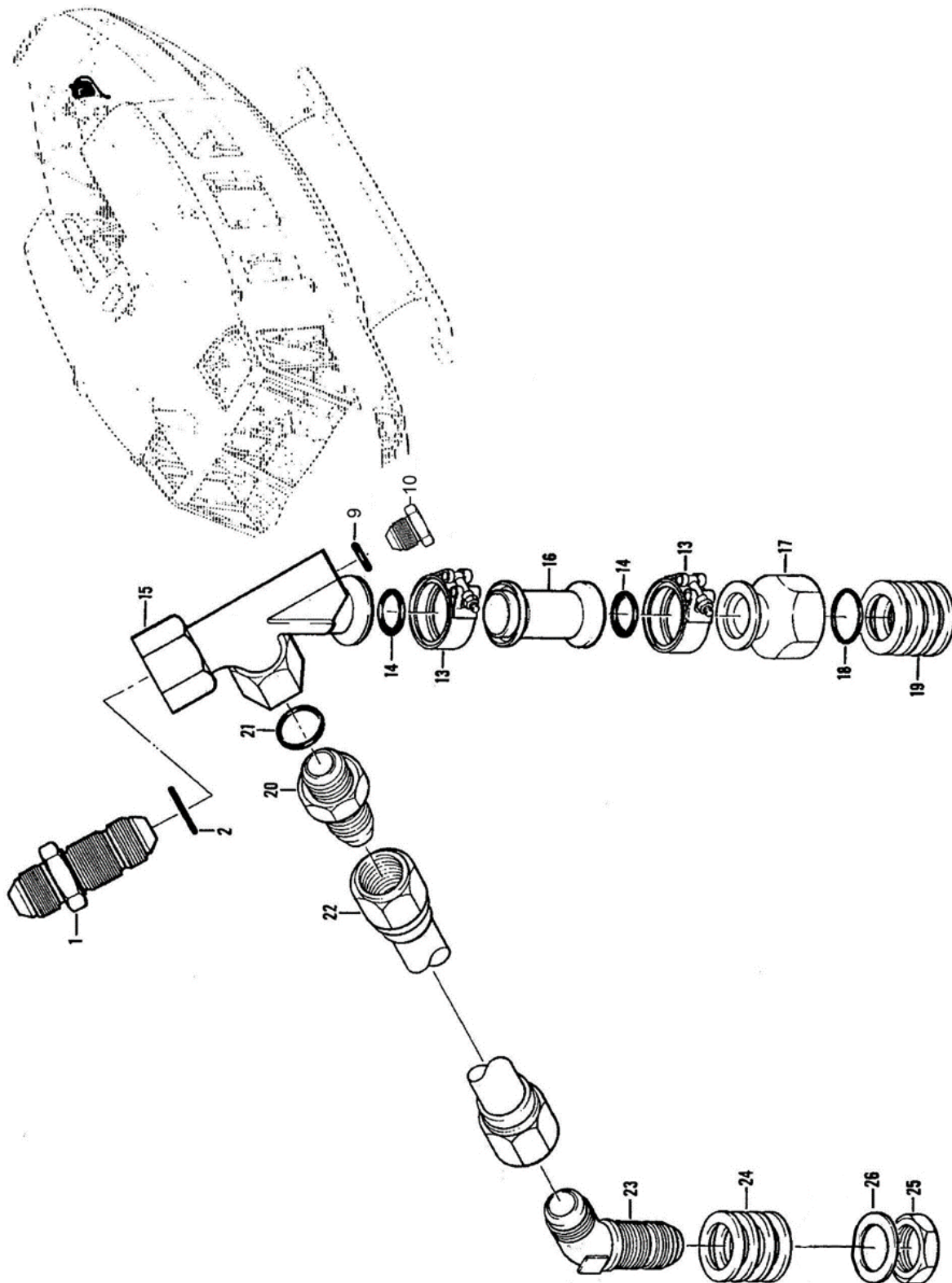


Figure 71-15 - Bleed Air Installation, Turbo Blower and Cabin Heat

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-15				
1	AN815-16	Union	1	
1	110-153LM16J	Union (Alternate Part)	1	
2	3-916S613-60	Packing, Preformed	1	
9	3-908S613-60	Packing, Preformed	1	
13	U3290S2-175SS	Clamp	2	
14	M83248/1-216	Packing, Preformed	2	
15	205-060-439-001	Fitting	1	
15	205-060-439-003	Fitting (Alternate Part)	1	
16	205-060-421-001	Connector	1	
17	205-060-494-001	Fitting	1	
17	205-060-494-003	Fitting (Alternate Part)	1	
18	3-916S613-60	Packing, Preformed	1	
19 ^[1]	NAS1149F2132P	Washer	4	
20	AN815-12	Union	1	
20	110-153LM12J	Union (Alternate Part)	1	
21	3-912S613-60	Packing, Preformed	1	
22	205-060-424-001	Tube Assembly	1	
22	205-060-432-001	Tube Assembly (Alternate Part)	1	
23	AN837-12	Elbow	1	
23	110-157-12J	Elbow (Alternate Part)	1	
24 ^[1]	NAS1149F1732P	Washer	4	
25	AN924-12	Nut	1	
25	90-081LM12J	Nut (Alternate Part)	1	
26	140-009D69T109	Washer	1	

[1]: Maximum quantity shown. Minimum quantity of one (1) at each location.

71-00-00

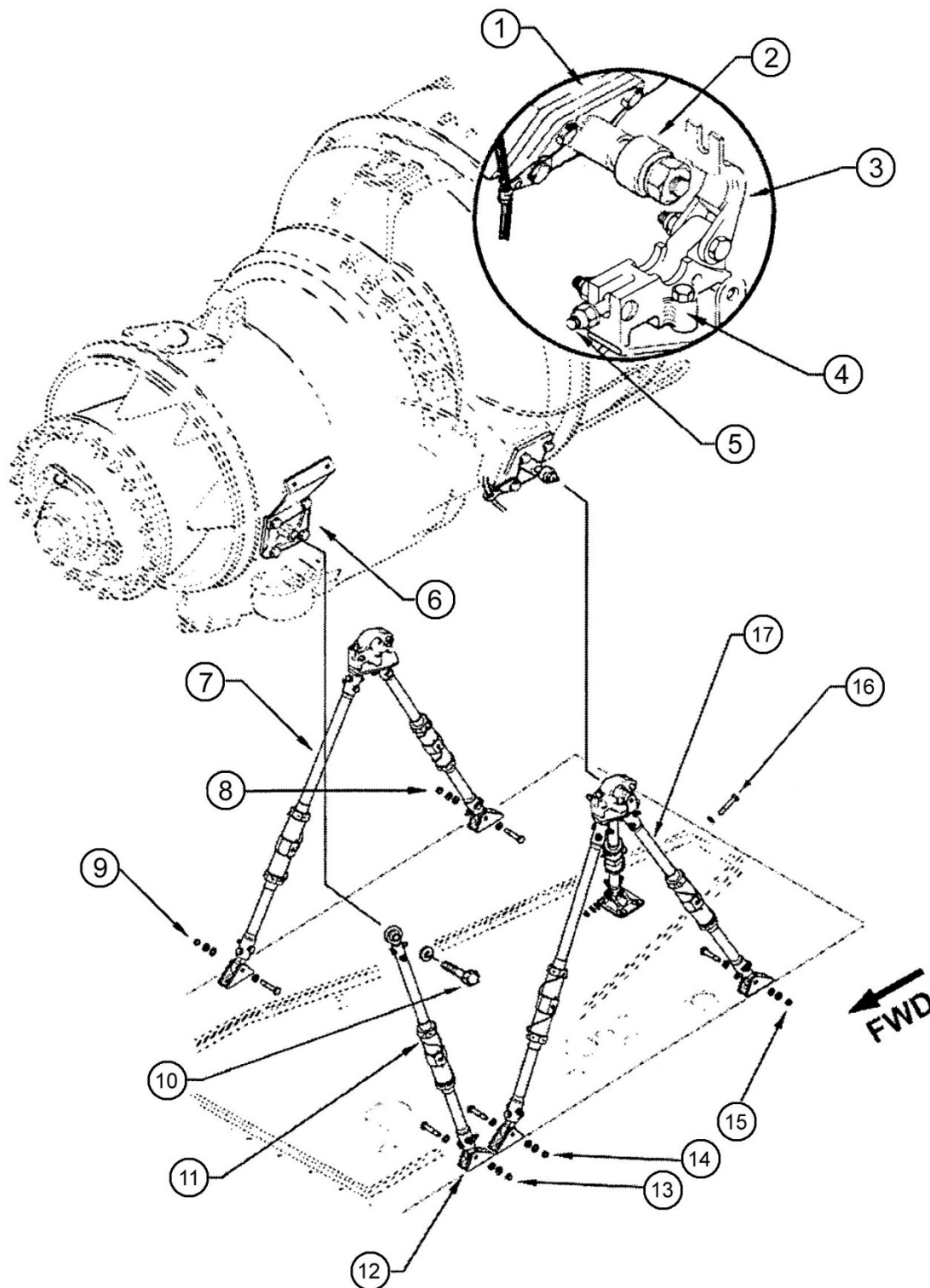


Figure 71-16 - Engine Mount Assembly

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-16				
1	204-060-152-001	Main Trunnion	2	
2	204-061-100-001	Bearing (Alternate Part)	1	
3	204-060-151-001	Bearing Cap	2	
3	204-060-151-003	Bearing Cap (Alternate Part)	2	
4	204-060-102-009	Pillow Block Assembly	2	
4	204-060-102-011	Pillow Block Assembly (Alternate Part)	2	
5	AN24-19	Eye Bolt	1	
6	204-060-161-001	Forward Trunnion	1	
7	D3685-041	Bipod Mount Assembly	1	
8	NAS624-16	Bolt	1	
8	MS20002C4	Washer	1	
8	NAS1149F0432P	Washer	2	
8	MS21042L4	Nut	1	
9	NAS624-16	Bolt	1	
9	MS20002C4	Washer	1	
9	NAS1149F0463P	Washer	2	
9	MS21042L4	Nut	1	
10	204-060-133-001	Bolt	1	
10	NAS1149F0632P	Washer	1	
11	D3686-041	Monopod Assembly	1	
12	Engine Mount Deck Fittings (See IPC-D212-725 Figure 53-2)			
13	NAS624-16	Bolt	1	
13	MS20002C4	Washer	1	
13	NAS1149F0463P	Washer	2	
13	MS21042L4	Nut	1	
14	NAS624-16	Bolt	1	
14	MS20002C4	Washer	1	
14	NAS1149F0463P	Washer	2	
14	MS21042L4	Nut	1	
15	NAS624-16	Bolt	1	
15	MS20002C4	Washer	1	
15	NAS1149F0463P	Washer	2	
15	MS21042L4	Nut	1	
16	NAS624-14	Bolt	1	
16	MS20002C4	Washer	1	
16	NAS1149F0463P	Washer	2	
16	MS21042L4	Nut	1	
17	D3684-041	Tripod Mount Assembly	1	

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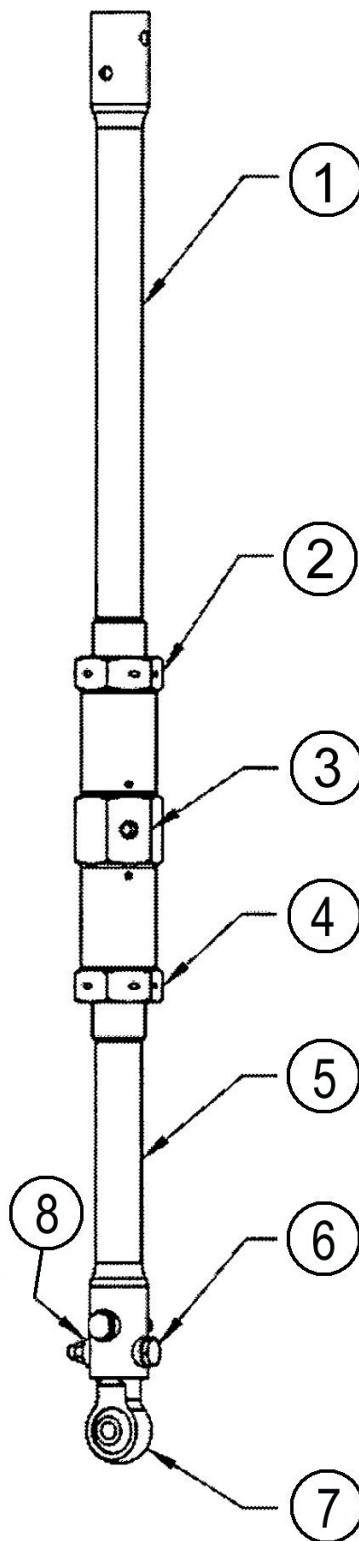


Figure 71-17 - Engine Mount Detail

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-17				
1	D3688-1	Stud	1	1,2
1	D3688-3	Stud	1	1,2
1	D3688-5	Stud	1	1
1	D3688-047	Stud Assembly	1	3
2	NAS509L-12C	Nut	1	1,2,3
3	D3689-1	Sleeve	1	1,2,3
4	NAS509-12C	Nut	1	1,2,3
5	D3691-041	Stud Assembly	1	1,2,3
6	HL32-PB8-14	Pin	2	1,2,3
7	D3693-1	Bearing	1	1,2,3
8	HL86-8	Collar	2	1,2,3

UOC Code:

- 1 – Used on D3684-041 Tripod Mount Assembly
- 2 – Used on D3685-041 Bipod Mount Assembly
- 3 – Used on D3686-041 Monopod Mount Assembly

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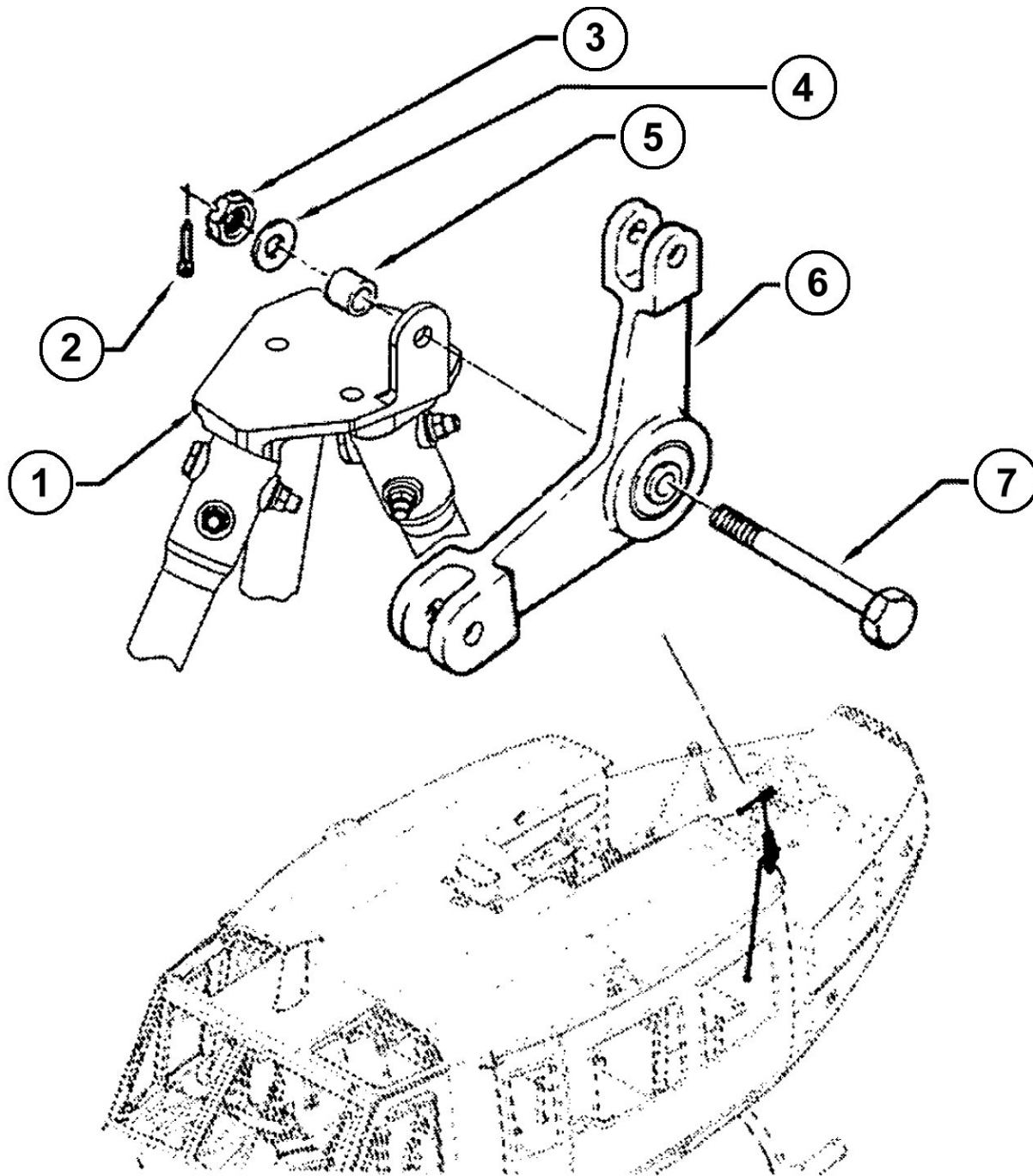


Figure 71-18 - Throttle Lever Installation

71-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 71-18				
1	D3687-1	Mount, LH (Tripod)	1	
1	D3687-3	Mount, RH (Bipod)	1	
2	MS24665-152	Cotter Pin	1	
3	MS17826-4	Nut	1	
3	MS14145L4	Nut (Alternate Part)	1	
4	NAS1149F0432P	Washer	1	
5	50Z16-9-2	Spacer	1	
6	204-060-743-005	Lever Assembly	1	
7	AN174-24	Bolt	1	

71-00-00

CHAPTER 76

ENGINE CONTROLS

76-00-00

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CHAPTER 76 – ENGINE CONTROLS (76-00-00)

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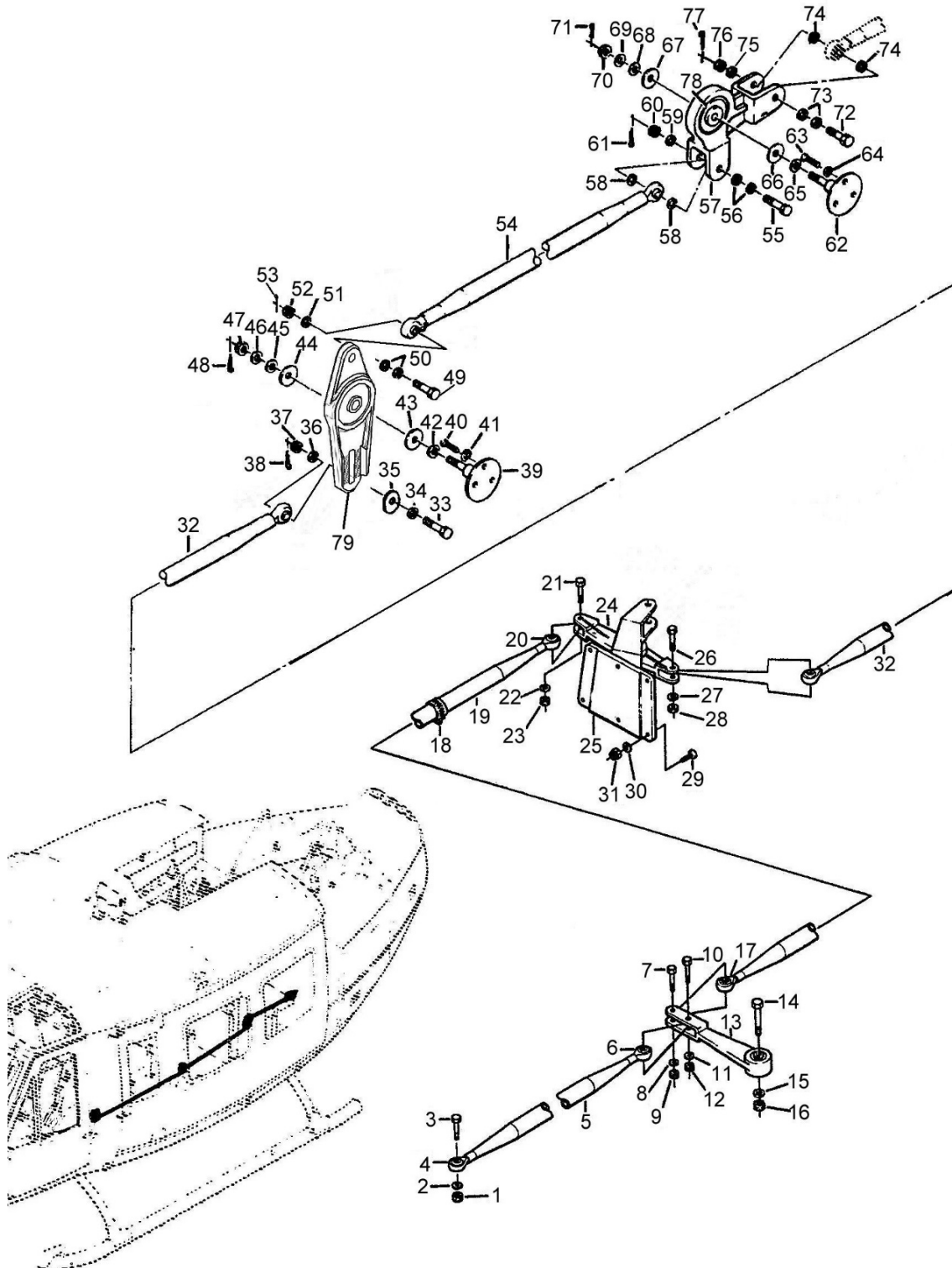


Figure 76-1 – Controls Installation, Power Lever

76-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 76-1				
1	MS14145L3	Nut	1	
2	NAS1149D0363J	Washer	1	
3	AN173-10	Bolt	1	
4	204-061-717-003	Bearing	1	
5	212-060-724-017	Tube Assembly	1	
6	204-061-717-003	Bearing	1	
7	AN173-10	Bolt	1	
8	NAS1149D0332J	Washer	1	
9	MS14145L3	Nut	1	
10	AN173-10	Bolt	1	
11	NAS1149D0332J	Washer	1	
12	MS14145L3	Nut	1	
13	212-060-713-001	Bellcrank Assembly	1	
14	AN174-15	Bolt	1	
15	NAS1149D0463J	Washer	1	
16	MS14145L4	Nut	1	
17	204-061-717-003	Bearing	1	
18	AN737TW30	Clamp	1	
19	212-060-724-019	Tube Assembly	1	
20	204-061-717-003	Bearing	1	
21	AN173-10	Bolt	1	
22	NAS1149D0363J	Washer	1	
23	MS14145L3	Nut	1	
24	212-060-740-001	Bellcrank Assembly	1	
25	212-060-715-001	Mount	1	
25	212-060-715-103	Mount (Alternate Part)	1	
26	AN173-10	Bolt	1	
27	NAS1149D363J	Washer	1	
28	MS14145L3	Nut	1	
29	MS27039-4-09	Screw	6	
30	NAS1149D0432J	Washer	6	
31	MS21042L4	Nut	6	
32	D212-725-1-919	Tube Assembly	1	
33	AN173-12	Bolt	1	
34	NAS1149D0363J	Washer	1	
35	205-060-731-001	Washer	1	
36	NAS1149D0363J	Washer	1	
37	MS14145L3	Nut	1	
38	MS24665-152	Pin, Cotter	1	
39	205-060-766-001	Mount	1	
40	MS35207-264	Screw	3	
41	NAS1149D0363J	Washer	3	
42	NAS1149C0432R	Washer	1	
43	AN970-4	Washer	1	
44	AN970-4	Washer	1	
45	NAS1149C0432R	Washer	1	

76-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
46	NAS1149D0463J	Washer	1	
47	MS14145L4	Nut	1	
48	MS24665-152	Pin, Cotter	1	
49	AN173-11	Bolt	1	
50	NAS1149D0363J	Washer	2	
51	NAS1149D0363J	Washer	1	
52	MS14145L3	Nut	1	
53	MS24665-152	Pin, Cotter	1	
54	205-060-729-023	Rod Assembly	1	
55	AN173-12	Bolt	1	
56	NAS1149D0363J	Washer	2	
57	205-060-720-001	Bellcrank Assembly	1	
58	NAS1149D0363J	Washer	2	
59	NAS1149D0363J	Washer	1	
60	MS14145L3	Nut	1	
61	MS24665-152	Pin, Cotter	1	
62	205-060-766-001	Mount	1	
63	MS35207-264	Screw	3	
64	NAS1149D0363J	Washer	3	
65	NAS1149C0432R	Washer	1	
66	AN970-4	Washer	1	
67	AN970-4	Washer	1	
68	NAS1149C0432R	Washer	1	
69	NAS1149D0463J	Washer	1	
70	MS14145L4	Nut	1	
71	MS24665-152	Pin, Cotter	1	
72	AN173-12	Bolt	1	
73	NAS1149D0363J	Washer	2	
74	NAS1149D0363J	Washer	2	
75	NAS1149D0363J	Washer	1	
76	MS14145L3	Nut	1	
77	MS24665-152	Pin, Cotter	1	
78	MS27640-4	Bearing	1	
78	120-011-4A	Sleeve	1	
79	205-060-719-001	Bellcrank	1	

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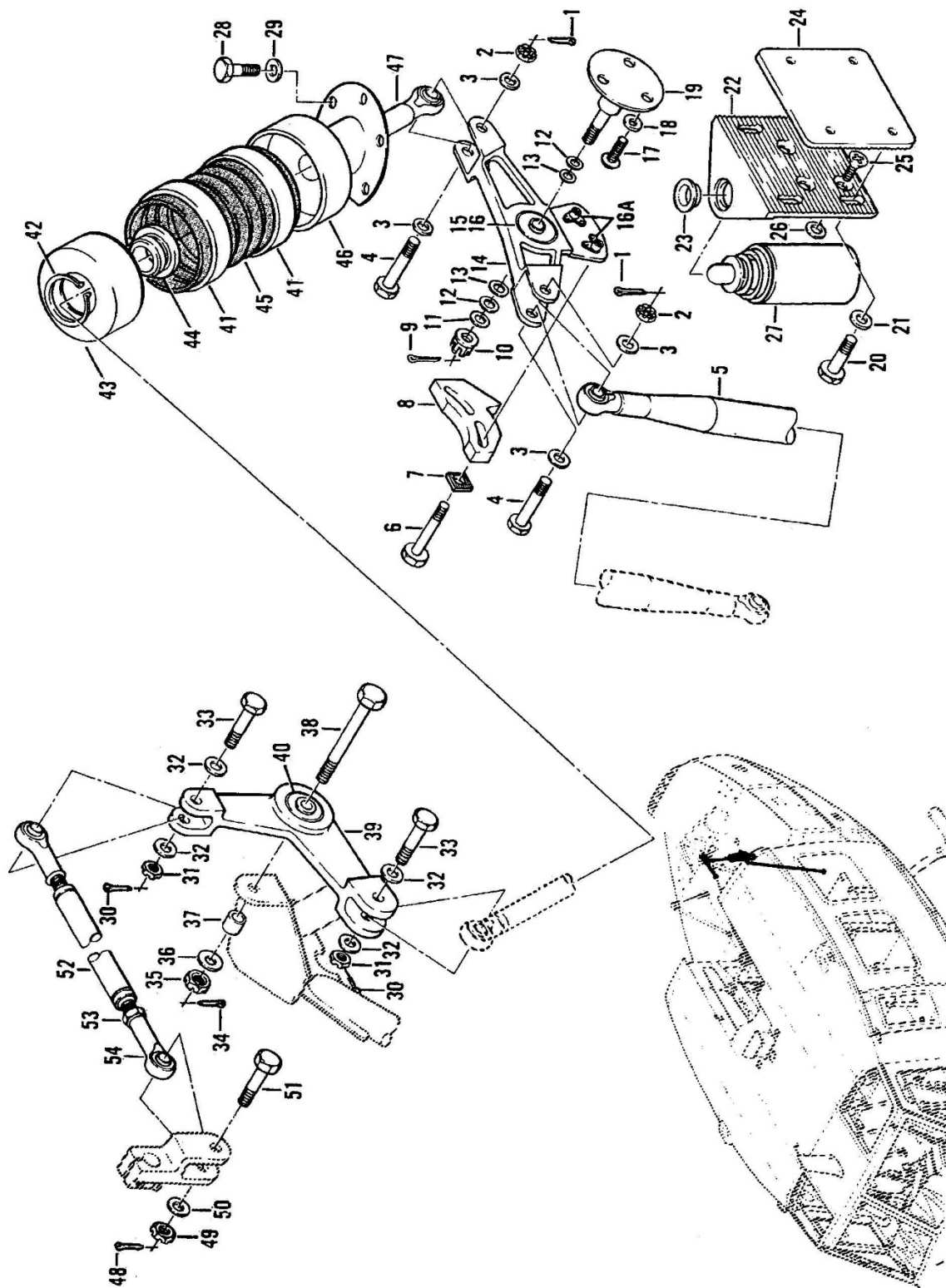


Figure 76-2 – Controls Installation, Power Lever

76-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 76-2				
1	MS24665-152	Pin, Cotter	2	
2	MS14145L3	Nut	2	
3	NAS1149D0363J	Washer	4	
4	AN173-12	Bolt	2	
5	205-060-729-025	Rod Assembly	1	
6	AN3-7A	Bolt	2	
7	204-060-796-001	Washer	2	
8	204-060-795-005	Cam	1	
9	MS24665-152	Pin, Cotter	1	
10	MS14145L4	Nut	1	
11	NAS1149D0463J	Washer	1	
12	NAS1149C0432R	Washer	2	
13	AN970-4	Washer	2	
14	205-060-721-001	Bellcrank Assembly	1	
15	MS27640-4	Bearing	1	
16	120-011-4A	Sleeve	1	
16A	MS21073L3	Nutplate	2	
17	MS35207-263	Screw	3	
18	NAS1149D0363J	Washer	3	
19	205-060-766-001	Mount	1	
20	AN3-5A	Bolt	4	
21	NAS1149D0332J	Washer	4	
22	204-060-797-005	Bracket	1	
23	22-007B20-12-18	Bushing	1	
24	205-060-772-001	Base	1	
25	MS24693-C270	Screw	4	
26	120-031-12-7	Shim	4	
27	209-062-761-001	Valve, Solenoid	1	
28	AN3-3A	Bolt	5	
29	NAS1149F0332P	Washer	5	
30	MS24665-152	Pin, Cotter	2	
31	MS14145L3	Nut	2	
32	NAS1149F0363P	Washer	4	
33	AN173-11	Bolt	2	
34	MS24665-152	Pin, Cotter	1	
35	MS14145L4	Nut	1	
36	NAS1149F0432P	Washer	1	
37	50Z16-9-2	Spacer	1	
38	AN174-24	Bolt	1	
39	204-060-743-005	Lever	1	
40	MS27644-4	Bearing	1	
41	AN737TW82	Clamp	2	
42	MS16624-1081	Retainer	1	
43	204-060-767-001	Retainer	1	
44	204-060-769-001	Bushing	1	
45	205-060-732-001	Boot Assembly	1	

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Item	Part Number	Item Name	Unit per Assy.	UOC
46	D212-725-1-929	Housing Assembly	1	
47	205-060-734-011	Rod Assembly	1	
48	MS24665-152	Pin, Cotter	1	
49	AN320C3	Nut	1	
50	NAS1149C0332R	Washer	1	
51	NAS1003-10	Bolt	1	
52	205-060-733-009	Rod Assembly	1	
53	AN316-4R	Nut	1	
54	MS21153-1	Bearing	1	

76-00-00



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Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 76-3				
1	MS24665-152	Pin, Cotter	2	
2	AN310-3	Nut	2	
3	NAS1149D0332J	Washer	2	
4	NAS1149F0332P	Washer	2	
5	AN173-10	Bolt	1	
6	NAS1149D0363J	Washer	4	
7	AN173-12	Bolt	1	
8	205-060-702-001	Tube Assembly	1	
9	AN316-5R	Nut	1	
10	MS21153-2	Bearing	1	
11	MS21042L3	Nut	2	
12	NAS1149C0363R	Washer	2	
13	AN173-10A	Bolt	2	
14	MS21042L4	Nut	1	
15	NAS1149F0463P	Washer	2	
16	204-060-750-001	Washer	1	
17	204-060-751-001	Shim	2	
18	204-060-752-005	Pin	1	
19	205-060-752-001	Fitting	1	
20	205-060-751-003	Bellcrank	1	
21	MS21042L3	Nut	3	
22	NAS1149D0332J	Washer	6	
23	MS27039-1-10	Screw	3	
24	205-060-716-001	Bracket Assembly	1	
25	MS20218-1	Bearing	1	
26	MS24665-152	Pin, Cotter	1	
27	AN310-3	Nut	1	
28	NAS1149D0332J	Washer	2	
29	AN173-11	Bolt	1	
30	205-060-710-001	Jackshaft Assembly	1	
31	205-060-754-001	Bellcrank	1	
32	MS35207-261	Screw	4	
33	NAS1149F0332P	Washer	4	
34	205-060-715-001	Support Assembly	1	
35	MS20218-1	Bearing	1	
36	MS24665-152	Pin, Cotter	1	
37	AN310-3	Nut	1	
38	NAS1149D0332J	Washer	2	
39	AN173-11	Bolt	1	
40	205-060-712-001	Rod Assembly	1	
41	AN316-4R	Nut	1	
42	MS21153-1	Bearing	1	

76-00-00

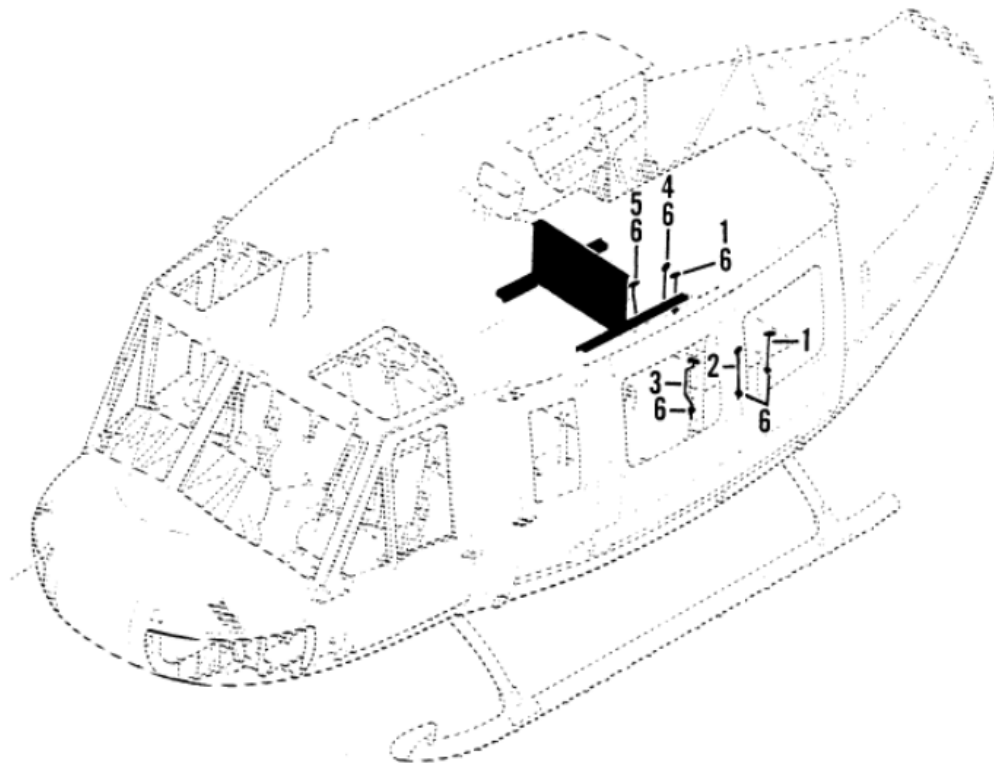


Figure 76-4 – Fuel Tank Drain

76-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 76-4				
3	205-030-195-007	Fuel Drain Tube Assembly (Alternate Part)	1	
3	E212-3004-041	Fuel Drain Tube Assembly	1	1

UOC Code

1 – Preferred for new builds and replacements

76-00-00

CHAPTER 79

ENGINE OIL SYSTEM

79-00-00

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CHAPTER 79 – ENGINE OIL SYSTEM (79-00-00)

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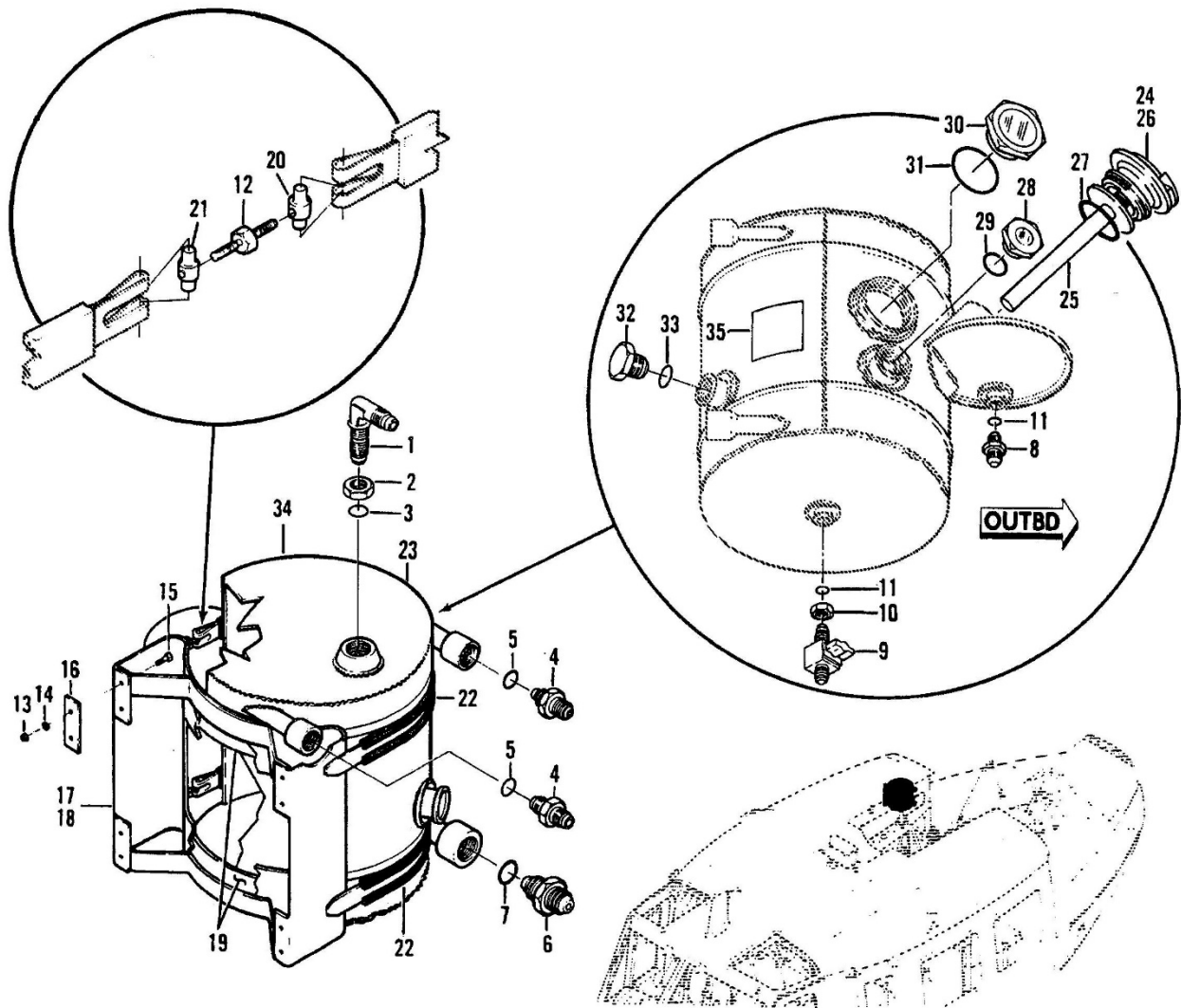


Figure 79-1 – Engine Oil System Installation

79-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 79-1				
1	AN833-12J	Elbow	1	
2	AN924-12	Nut	1	
3	M83248/1-912	Packing, Preformed	1	
4	AN815-12	Union	2	
5	M83248/1-912	Packing, Preformed	2	
6	AN815-16	Union	1	
7	M83248/1-916	Packing, Preformed	1	
8	AN815-6	Union	1	
9	465C62NSV	Valve	1	
10	AN924-6	Nut	1	
11	M83248/1-906	Packing, Preformed	2	
12	NAS27-3-22	Turnbuckle	2	
13	MS21042L3	Nut	8	
14	NAS1149D0332J	Washer	8	
15	AN3-10A	Bolt	8	
16	205-061-521-001	Block	4	
17	205-061-520-015	Support Assembly	1	
18	205-061-520-017	Support Assembly	1	
19	205-061-520-013	Pad	2	
20	NAS25-3L	Trunnion	2	
21	NAS25-3R	Trunnion	2	
22	MS27833-8-183	Pad	2	
23	205-060-538-079	Tank Assembly, Engine Oil	1	
24	205-061-530-001	Cap Assembly	1	
25	205-061-529-001	Dipstick	1	
26	417-290	Adapter	1	
27	NAS617-28	Packing, Preformed	1	
28	S20	Plug	1	
29	M83248/1-916	Packing, Preformed	1	
30	S21	Plug	1	
31	NAS617-28	Packing, Preformed	1	
32	AN806S16	Plug	1	
33	M83248/1-916	Packing, Preformed	1	
34	205-060-538-071	Tank Assembly	1	
35	204-060-528-001	Nameplate	1	

79-00-00

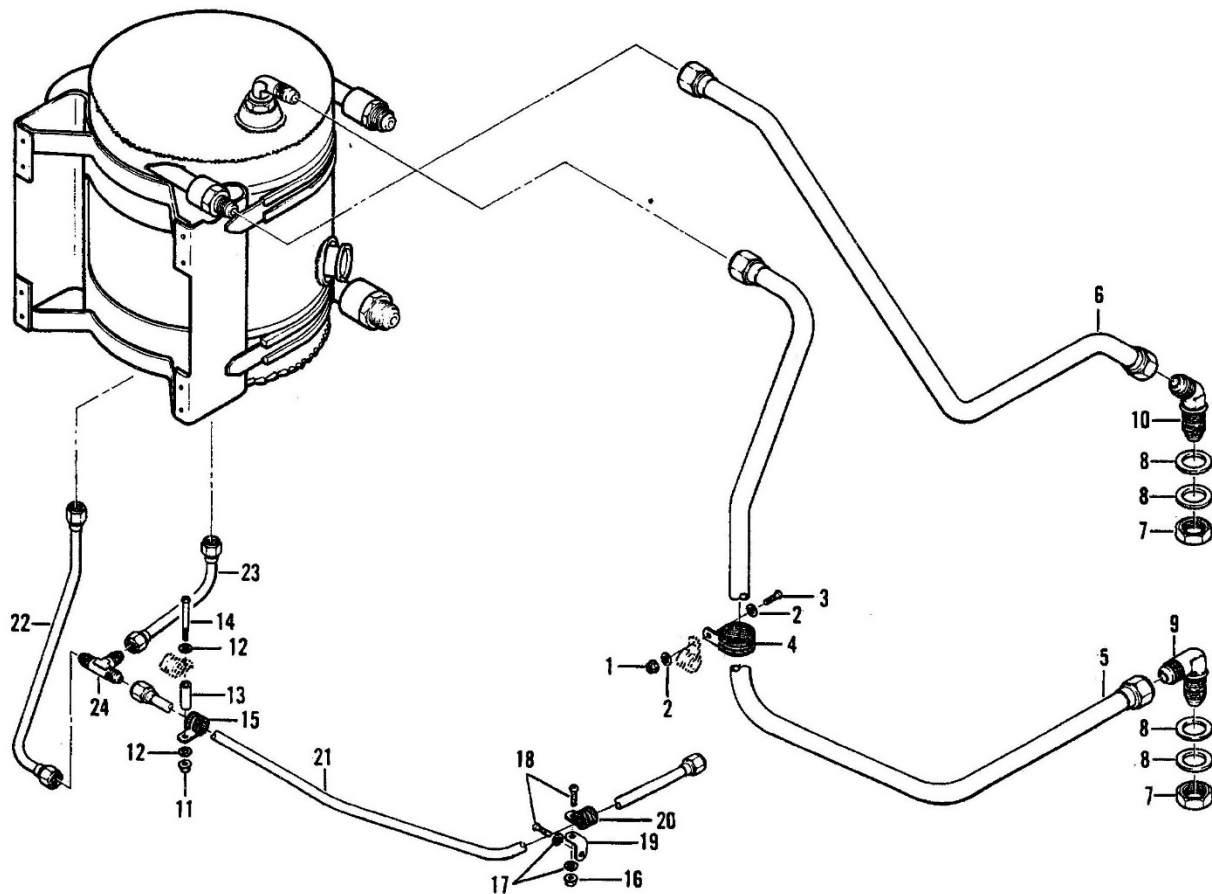


Figure 79-2 – Oil System Installation

79-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 79-2				
1	MS21042L3	Nut	1	
2	NAS1149D0332J	Washer	2	
3	MS27039-1-15	Screw	1	
4	MS21919WDG12	Clamp	1	
5	205-060-575-001	Tube Assembly	1	
6	205-060-594-001	Tube Assembly	1	
7	AN924-12D	Nut	2	
8	NAS1149D1790J	Washer	4	
9	AN833-12J	Elbow	1	
10	AN837-12J	Elbow	1	
11	MS21042L3	Nut	1	
12	NAS1149D0332J	Washer	2	
13	NAS43DD3-64	Spacer	1	
14	MS27039-1-29	Screw	1	
15	MS21919WDG6	Clamp	1	
16	MS21042L3	Nut	1	
17	NAS1149C0332R	Washer	2	
18	MS27039-1-08	Screw	2	
19	20-032-1	Bracket	1	
20	MS21919WDG6	Clamp	1	
21	205-060-593-001	Tube Assembly	1	
22	205-060-592-001	Tube Assembly	1	
23	205-060-591-001	Tube Assembly	1	
24	AN824-6J	Tee	1	

79-00-00

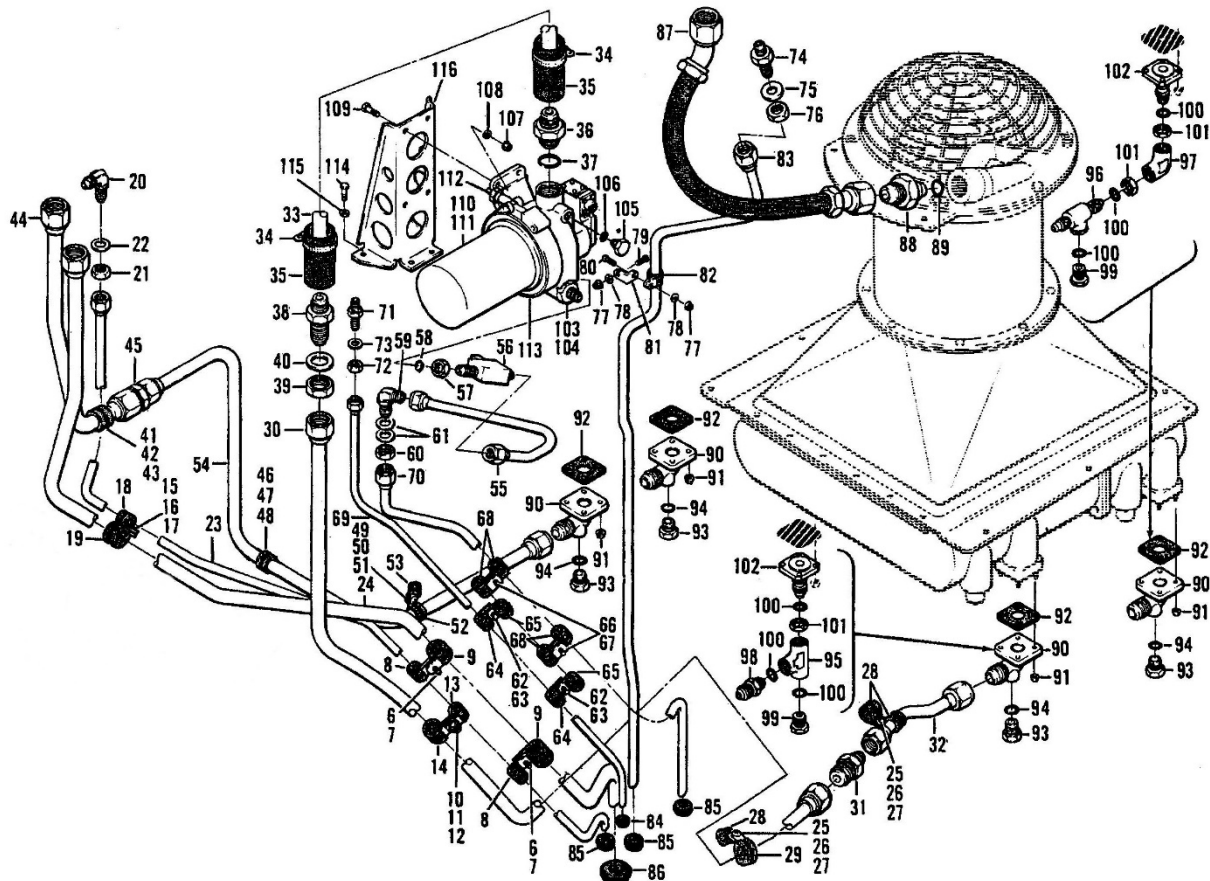


Figure 79-3 – Controls Installation, Droop Compensator

79-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 79-3				
6	NAS1149D0332J	Washer	2	
7	AN525-10R8	Screw	2	
8	MS21919WDG6	Clamp	2	
9	MS21919WDG12	Clamp	2	
10	MS21042L3	Nut	1	
11	NAS1149D0332J	Washer	1	
12	AN525-10R8	Screw	1	
13	MS21919WDG6	Clamp	1	
14	MS21919WDG12	Clamp	1	
15	MS21042L3	Nut	1	
16	NAS1149D0332J	Washer	1	
17	AN525-10R7	Screw	1	
18	MS21919WDG6	Clamp	1	
19	MS21919WDG12	Clamp	1	
20	AN833-6	Elbow	1	
21	AN924-6D	Nut	1	
22	NAS1149D0963J	Washer	1	
23	205-060-581-001	Tube Assembly	1	
24	D212-725-1-935	Tube Assembly	1	
25	MS21042L3	Nut	2	
26	NAS1149D0332J	Washer	2	
27	AN525-10R8	Screw	2	
28	MS21919WDG10	Clamp	3	
29	MS21919WDG12	Clamp	1	
30	205-061-507-001	Tube Assembly	1	
31	AN919-20D	Reducer	1	
32	205-061-505-001	Tube Assembly	1	
32	205-061-532-001	Tube Assembly (Alternate Part)	1	
33	205-061-523-001	Tube Assembly	1	
33	D212-725-1-921	Tube Assembly (Alternate Part)	1	
33	156F003-12S0240	Hose Assembly (Alternate Part)	1	
34	AN737TW38	Clamp	2	
35	205-061-531-017	Shroud	2	
36	AN919-20J	Reducer	1	
37	M83248/1-910	Packing, Preformed	1	
38	AN832-12	Union	1	
39	AN924-12D	Nut	1	
40	NAS1149D1790J	Washer	1	
41	AN525-10R8	Screw	1	
42	NAS1149D0332J	Washer	1	
43	MS21919WDG10	Clamp	1	
44	205-060-585-001	Tube Assembly (Alternate Part)	1	
44	E212-3003-041	Tube Assembly	1	1
45	AN919-20D	Reducer	1	
46	AN525-10R8	Screw	1	

79-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
47	NAS1149D0332J	Washer	1	
48	MS21919WDG10	Clamp	1	
49	MS21042L3	Nut	1	
50	NAS1149D0332J	Washer	1	
51	AN525-10R7	Screw	1	
52	MS21919WDG10	Clamp	1	
53	MS21919WDG4	Clamp	1	
54	205-061-533-001	Tube Assembly (Alternate Part)	1	
54	E212-3003-043	Tube Assembly	1	1
55	205-061-524-001	Tube Assembly	1	
56	212-040-232-001	Valve	1	
57	AN924-6	Nut	1	
58	M83248/1-906	Packing, Preformed	1	
59	AN833-6	Elbow	1	
60	AN924-6D	Nut	1	
61	NAS1149D0963J	Washer	2	
62	AN525-10R8	Screw	2	
63	NAS1149D0332J	Washer	2	
64	MS21919WDG4	Clamp	2	
65	MS21919WDG6	Clamp	2	
66	AN525-10R8	Screw	2	
67	NAS1149D0332J	Washer	2	
68	MS21919WDG6	Clamp	4	
69	205-060-583-001	Tube Assembly	1	
70	205-061-527-001	Tube Assembly (Alternate Part)	1	
70	E212-3002-043	Tube Assembly	1	1
71	AN832-4	Union	1	
72	AN924-4D	Nut	1	
73	NAS1149D0763J	Washer	1	
74	AN832-4	Union	1	
75	NAS1149D0763J	Washer	1	
76	AN924-4	Nut	1	
77	MS21042L3	Nut	2	
78	NAS1149D0332J	Washer	2	
79	AN525-10R7	Screw	1	
80	AN525-10R18	Screw	1	
81	AN743-12	Bracket	1	
82	MS21919WDG6	Clamp	1	
83	205-061-528-001	Tube Assembly	1	
84	MS35489-6	Grommet	1	
85	MS35489-11	Grommet	3	
86	MS35489-135	Grommet	1	
87	70-037B152-000	Hose Assembly	1	
88	204-060-494-011	Fitting	1	
89	3-916S613-60	Packing, Preformed	1	
90	AE5023379	Fitting	4	
91	MS21042L3	Nut	16	

79-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
92	204-060-184-001	Gasket	4	
93	AN814-6WL	Plug	4	
94	M83248/1-906	Packing, Preformed	4	
95	AN938D10	Tee	2	
96	AN783D10	Tee	2	
97	AN939D10	Elbow	2	
98	AN815-10D	Union	2	
99	MS9015-10	Plug	4	
100	M83248/1-910	Packing, Preformed	12	
101	AN924-10D	Nut	6	
102	204-060-567-001	Fitting	4	
103	AN919-20J	Reducer	1	
104	M83248/1-910	Packing, Preformed	1	
105	AN814-4J	Plug	1	
106	M83248/1-904	Packing, Preformed	1	
107	MS21042L4	Nut	4	
108	NAS1149D0463J	Washer	4	
109	AN4-6A	Bolt	4	
110	225126	Filter Assembly	1	
111	137287	Filter Element	1	
112	200L4-275-5	T-Bolt	1	
113	N4309S5-350	Clamp Assembly	1	
114	AN3-3A	Bolt	4	
115	NAS1149D0363J	Washer	4	
116	205-061-522-001	Oil Filter Bracket (Alternate Part)	1	
116	E212-1010-101	Oil Filter Bracket	1	1

UOC Code

1 – Preferred for new builds and replacements

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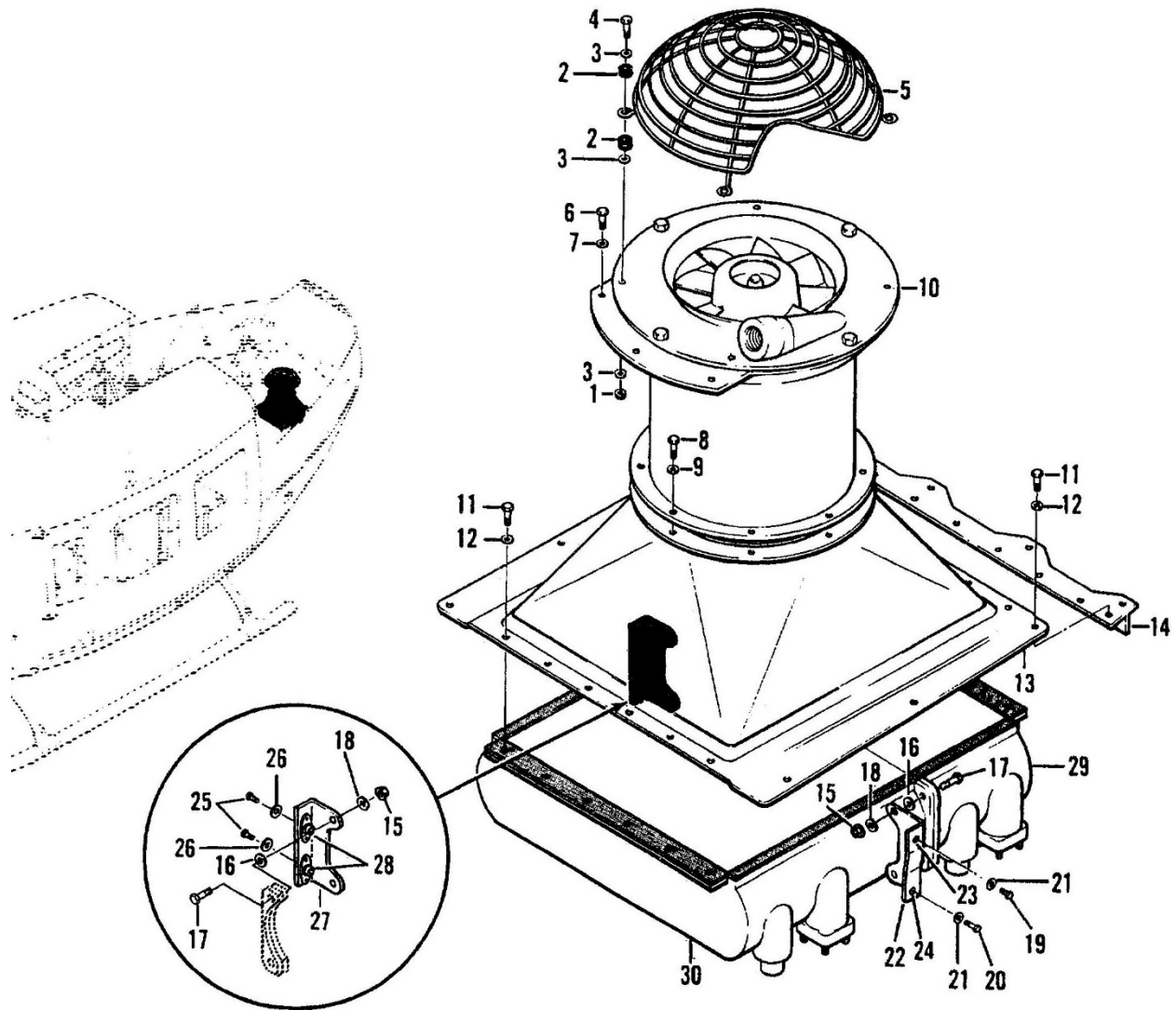


Figure 79-4 - Oil System Installation

79-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 79-4				
1	MS21042L4	Nut	4	
2	MS35489-6	Grommet	8	
3	NAS1149D0463J	Washer	12	
4	AN4-12A	Bolt	4	
5	204-060-592-001	Screen	1	
6	AN3H5A	Bolt	3	
7	NAS1149D0332J	Washer	3	
8	AN3-3A	Bolt	8	
9	NAS1149D0332J	Washer	8	
10	204-062-540-001	Turbine Fan Assembly, Engine Oil Cooling	1	
11	AN3-4A	Bolt	26	
12	NAS1149D0332J	Washer	26	
13	205-061-502-001	Duct Assembly	1	
14	205-061-503-001	Support Assembly	1	
15	MS21042L5	Nut	4	
16	NAS1149D0563J	Washer	4	
17	AN5-7A	Bolt	4	
18	NAS1149D0516J	Washer	4	
19	AN4-4A	Bolt	1	
20	AN4-6A	Bolt	1	
21	NAS1149D0416J	Washer	2	
22	205-061-538-003	Support Assembly, LH	1	
23	MS21073L4	Nutplate	1	
24	MS21071L4	Nutplate	1	
25	AN4-4A	Bolt	2	
26	NAS1149D0416J	Washer	2	
27	205-061-538-001	Support Assembly, RH	1	
28	MS21069L4	Nutplate	2	
29	209-060-522-003	Oil Cooler, Oil, Transmission	1	
30	209-060-522-001	Cooler Assembly, Oil, Engine	1	

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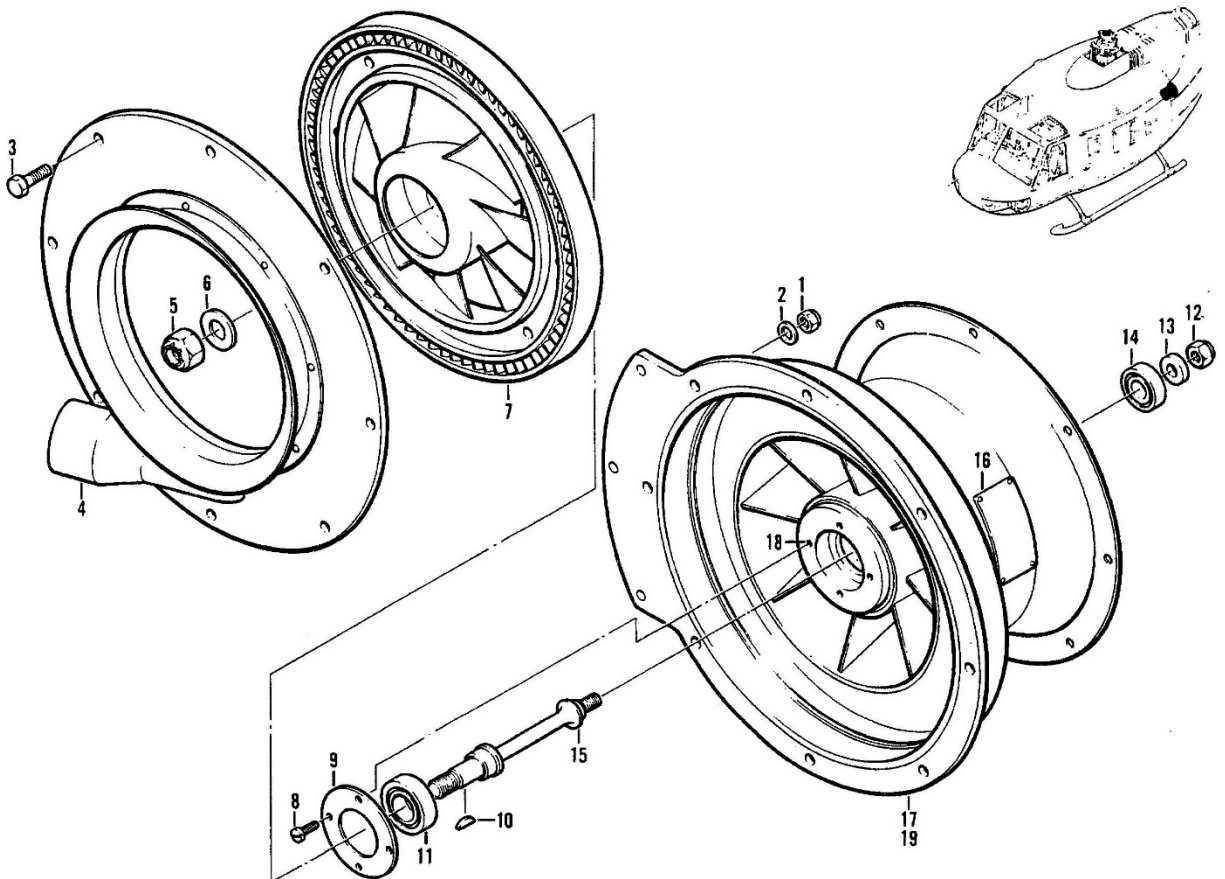


Figure 79-5 - Turbine Fan Assembly, Engine Oil Cooling

79-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 79-5				
1	MS20365-428A	Nut	8	
2	NAS1149F0463P	Washer	8	
3	AN4-7A	Bolt	8	
4	132105-2	Turbine and Fan Assembly	1	
5	MS21044N7	Nut	1	
6	NAS1149F0763P	Washer	1	
7	R3466-5	Fan and Turbine Assembly	1	
8	MS35266-64	Screw	4	
9	R3648-1	Retainer	1	
10	MS35756-6	Key	1	
11	9103PP	Bearing	1	
12	MS21044N5	Nut	1	
13	R2607-1	Washer	1	
14	H33C32	Bearing	1	
15	R3467-1	Shaft	1	
16	158051-1	Plate	1	
17	R3393-4	Housing Assembly	1	
18	1191-3CNX570	Insert	4	
19	R3699-1	Housing Assembly	1	

79-00-00

CHAPTER 95

INSTRUMENT SYSTEM

95-00-00

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CHAPTER 95 – INSTRUMENT SYSTEM (95-00-00)

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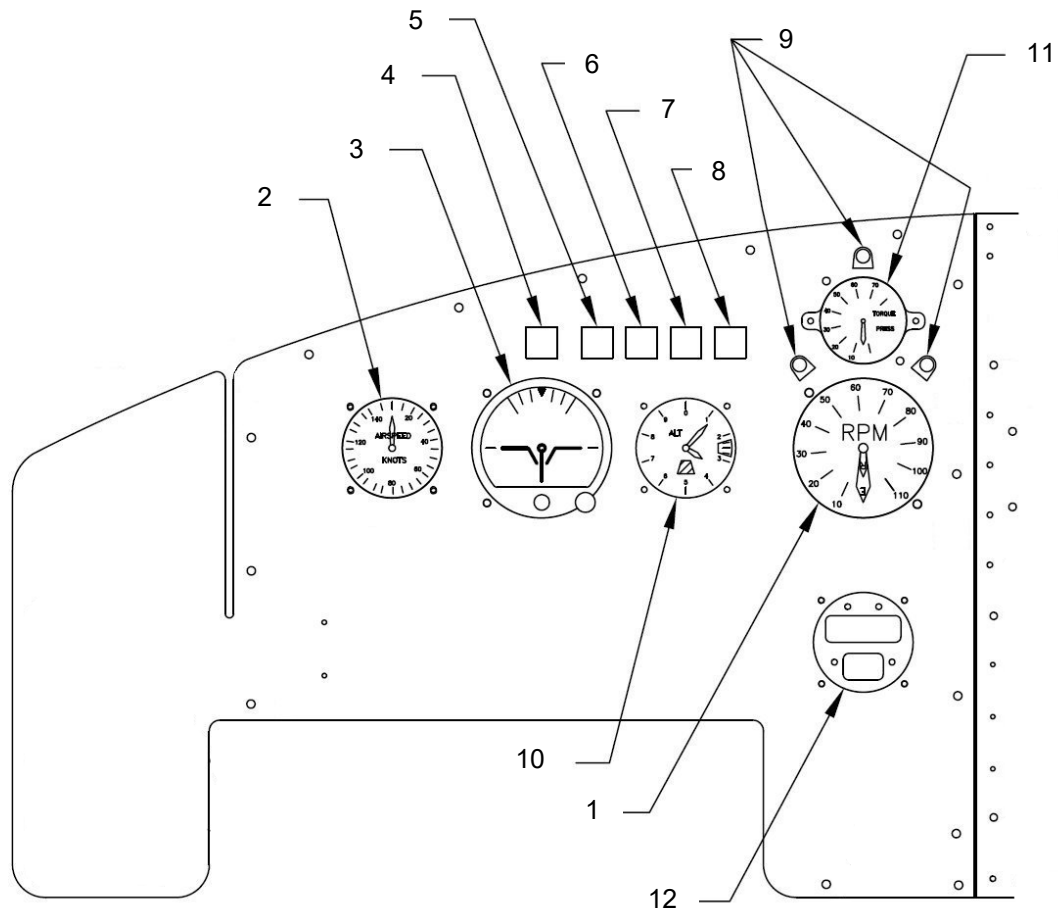


Figure 95-1 - Instrument Panel (LH)

95-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 95-1				
1	204-072-129-005	Dual Tach Indicator	1	1
2	5A58.22.18K.28.1.HN	Airspeed Indicator	1	1
3	RCA2600-3	Attitude Indicator	1	1
4	LED-40-17-HK-35396	AY1 Master Caution (Yellow)	1	1
5	LED-40-17-HK-35397	AR1 Engine, RPM (Red)	1	1
6	LED-40-17-HK-36154	AR1 Rotor RPM (Yellow)	1	1
7	LED-40-17-HK-35399	AR1 Baggage Fire (Red)	1	1
8	LED-40-17-HK-35400	AY1 Cargo Release Armed Light (Red)	1	1
9	01-0770119-12	Post Light	3	1
10	15035-01102	Altimeter	1	1
11	205-075-170-001	Torque Indicator	1	1
11	205-070-043-001	Glass	1	1
12	811B-24	Clock	1	1

UOC Code
1 – S/N 30599, 30817, and 30687

95-00-00



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Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 95-2				
1	D212-725-6-003	Placard	1	1
2	D212-725-7-003	Gas Producer Tach Indicator	1	1
3	61000-092	EGT/MGT Indicator	1	1
4	D212-725-7-011	Engine Oil Temperature/Pressure Indicator	1	1
5	D212-725-7-013	Hydraulic Oil Temperature/Pressure Indicator	1	1
6	D212-725-7-015	Dual Voltage Indicator	1	1
7	MS25025-1	Loadmeter	1	1
8	D212-725-7-001	Fuel Quantity Indicator	1	1
9	W103P3	Fire Test Switch	3	1
10	D212-725-7-005	Fuel Pressure Indicator	1	1
11	D212-725-7-009	Transmission Oil Temperature/Pressure Indicator	1	1
12	01-0770119-12	Post Light	2	1
13	D212-725-7-017	Master Caution Panel	1	1
14	LED-40-17-EJ-36155	Heater Light	1	1
15	204-075-815-003	Guard	1	1
15	MS24523-30	Switch	1	1
16	209-070-280-101	Handle Fire 1	1	1
17	Part of ELT-100HM Kit	ELT Test Switch	1	1
18	MS25089-3C	Fuel Quantity Test Switch	1	1
19	MS25089-3C	Baggage Fire Test Switch	1	1

UOC Code
1 – S/N 30599, 30817, and 30687

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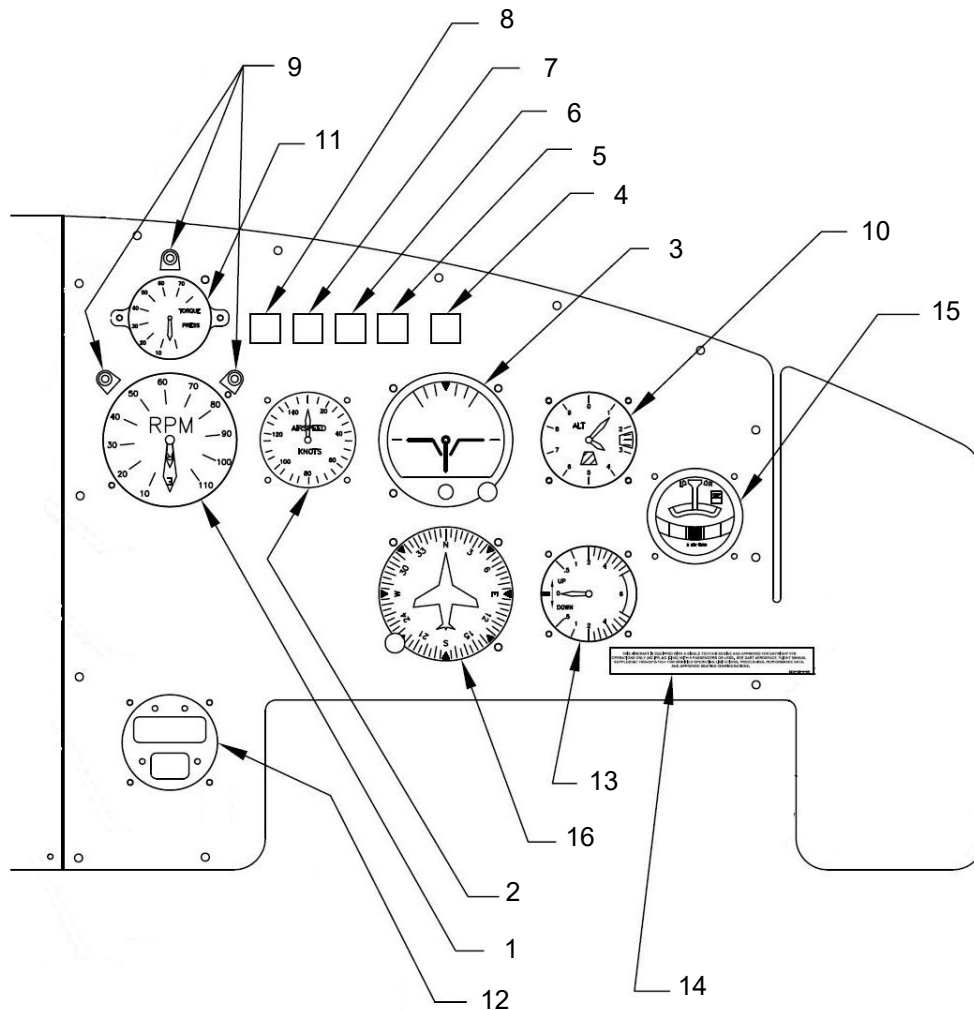


Figure 95-3 - Instrument Panel (RH)

95-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 95-3				
1	204-072-129-005	Dual Tach Indicator	1	1
2	5A58.22.18K.28.1.HN	Airspeed Indicator	1	1
3	RCA2600-3	Attitude Indicator	1	1
4	LED-40-17-HK-35396	AY1 Master Caution (Yellow)	1	1
5	LED-40-17-HK-35397	AR1 Engine, RPM (Red)	1	1
6	LED-40-17-HK-36154	AR1 Rotor RPM (Yellow)	1	1
7	LED-40-17-HK-35399	AR1 Baggage Fire (Red)	1	1
8	LED-40-17-HK-35400	AY1 Cargo Release Armed Light (Red)	1	1
9	01-0770119-12	Post Light	3	1
10	15035-01102	Altimeter	1	1
11	205-075-170-001	Torque Indicator	1	1
11	205-070-043-001	Glass	1	1
12	811B-24	Clock	1	1
13	35060-1106	Instantaneous Vertical Speed Indicator	1	1
14	D212-725-6-001	Placard	1	1
15	5550-8340N5L	Turn and Bank Indicator	1	1
16	RCA15BK-1	Directional Gyro	1	1

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Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 95-4				
1	64200-003	Dual Tach Indicator	1	1
2	5A58.22.18K.28.1.HN	Airspeed Indicator	1	1
3	RCA2600-3	Attitude Indicator	1	1
4	LED-44-14-HK-38632	Engine Fire Switch Light	1	1
5	LED-40-11-HK-35396	Master Caution Light	1	1
6	LED-43-11-HK-38633	Fire Extinguisher Switch Light	1	1
7	LED-40-17-HK-36154	Rotor RPM Light (Yellow)	1	1
8	LED-40-17-HK-35397	Engine RPM Light (Red)	1	1
9	LED-40-17-HK-35399	Cargo Fire Light (Red)	1	1
10	LED-40-17-HK-35400	Cargo Release Armed Light (Red)	1	1
11	65100-068	Torque Pressure Indicator	1	1
11	65100-057	Torque Pressure Indicator	1	1,2
12	811B-24	Clock	1	1
13	15035-01102	Altimeter	1	1

UOC Code

1 – All S/N's, Except S/N 30599, 30817, and 30687

2 – With TBN-212-003 incorporated

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Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 95-5				
1	D212-725-6-003	Placard	1	1
2	64000-026	Gas Producer Tach Indicator	1	1
3	61000-092	MGT Indicator	1	1
4	65000-031	Engine Oil Temperature/Pressure Indicator	1	1
5	65000-030	Hydraulic Oil Temperature/Pressure Indicator	2	1
6	711-10022	Voltmeter/Ammeter	1	1
7	393008-047	Fuel Quantity Indicator	1	1
8	MS25089-3C	Fuel Quantity Test Switch	1	1
9	W103P3	Fire Test Switch	3	1
10	411-10037	Fuel Pressure Indicator	1	1
11	65000-018	Transmission Oil Temperature/Pressure Indicator	1	1
12	01-0770119-14	Heater Light	1	1
13	D212-725-7-017	Master Caution Panel	1	1
14	Part of Inlet Filter Kit	Filter Bypass Switch Light (per SH07-49)	1	1
15	MS25089-3C	Cargo Fire Switch	1	1
16	LED-40-17-EJ-36155	Heater Switch	1	1
17	Part of ELT-100HM Kit	ELT Test Switch	1	1

UOC Code

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Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 95-6				
1	5A58.22.18K.28.1.HN	Airspeed Indicator	1	1
2	5550-8340N5L	Turn and Bank Indicator	1	1
3	RCA2600-3	Attitude Indicator	1	1
4	LED-44-14-HK-38632	Engine Fire Switch Light	1	1
5	LED-40-11-HK-35396	Master Caution Light	1	1
6	LED-43-11-HK-38633	Fire Extinguisher Switch Light	1	1
7	LED-40-17-HK-36154	Rotor RPM Light (Yellow)	1	1
8	LED-40-17-HK-35397	Engine RPM Light (Red)	1	1
9	LED-40-17-HK-35399	Cargo Fire Light (Red)	1	1
10	LED-40-17-HK-35400	Cargo Release Armed Light (Red)	1	1
11	65100-068	Torque Pressure Indicator	1	1
11	65100-057	Torque Pressure Indicator	1	1,2
12	64200-003	Dual Tach Indicator	1	1
13	35060-1106	Instantaneous Vertical Speed Indicator	1	1
13	4A58.22.60F.28.1.BH	Instantaneous Vertical Speed Indicator (Alternate Part)	1	1
14	811B-24	Clock	1	1
15	RCA15BK-1	Directional Gyro Indicator	1	1
16	15035-01102	Altimeter	1	1
16	5237A-A.906	Altimeter (Alternate Part)	1	1
17	D212-725-6-001	Placard	1	1

UOC Code

- 1 – All S/N's, Except S/N 30599, 30817, and 30687
2 – With TBN-212-003 incorporated

95-00-00

CHAPTER 96

ELECTRICAL SYSTEM

96-00-00

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CHAPTER 96 – ELECTRICAL SYSTEM (96-00-00)

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96-00-00

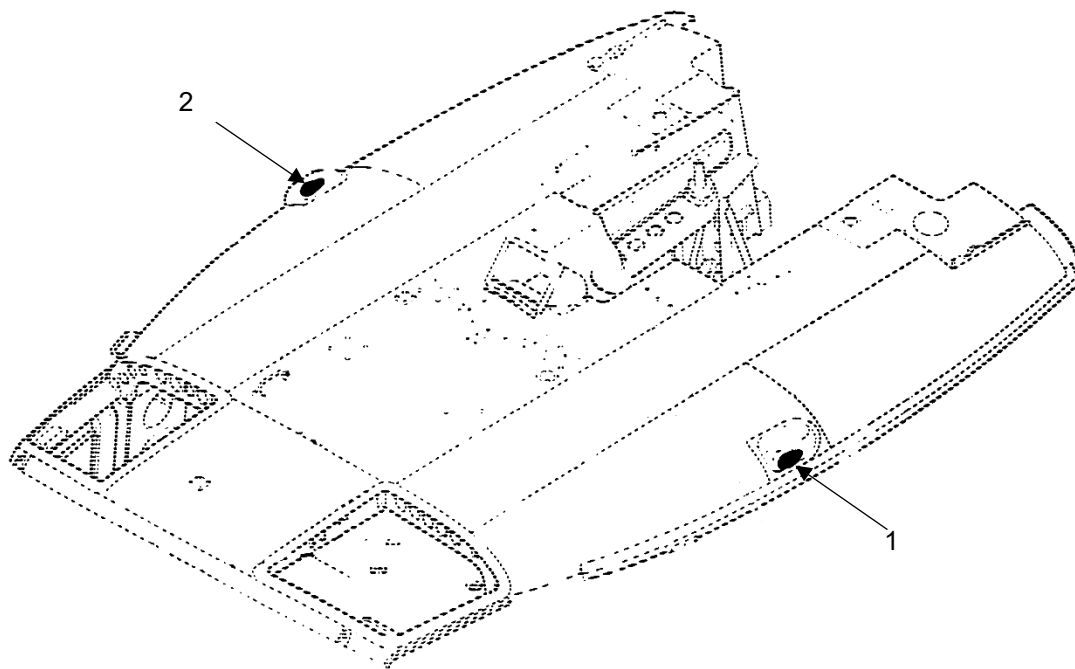


Figure 96-1 - Upper Position Light (LH and RH)

96-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 96-1				
1	01-0770875-02	Light, Upper Position, LH	1	
2	01-0770875-01	Light, Upper Position, RH	1	

96-00-00

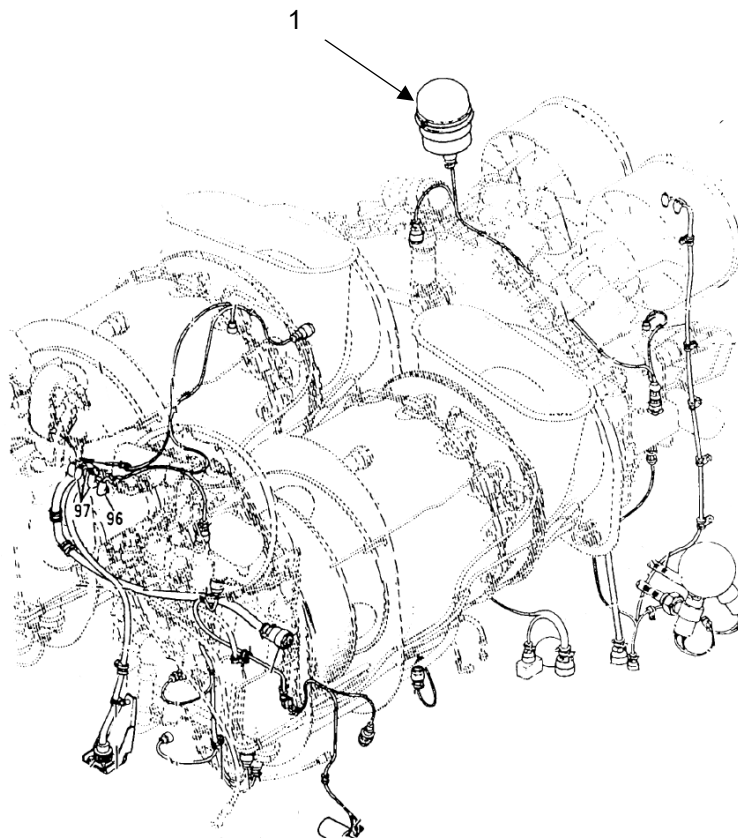


Figure 96-2 - Upper Strobe Light

96-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 96-2				
1	01-0770905-01	Light, Upper Strobe	1	

96-00-00

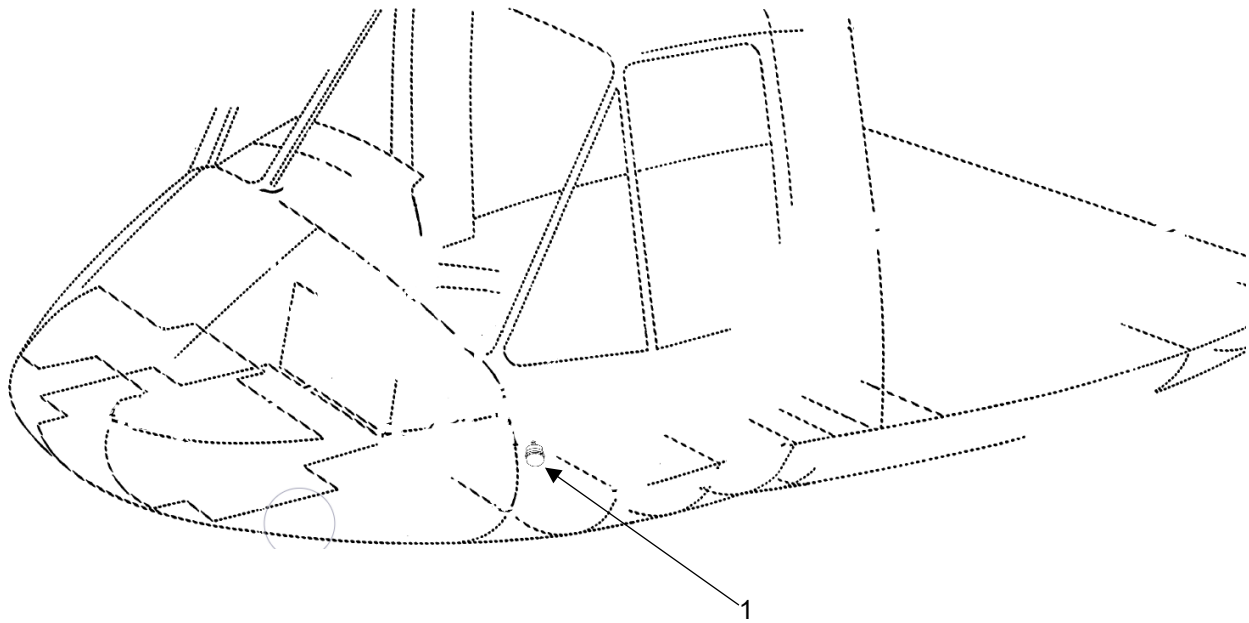


Figure 96-3 - Lower Strobe Light

96-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 96-3				
1	01-0770905-01	Light, Lower Strobe	1	

96-00-00

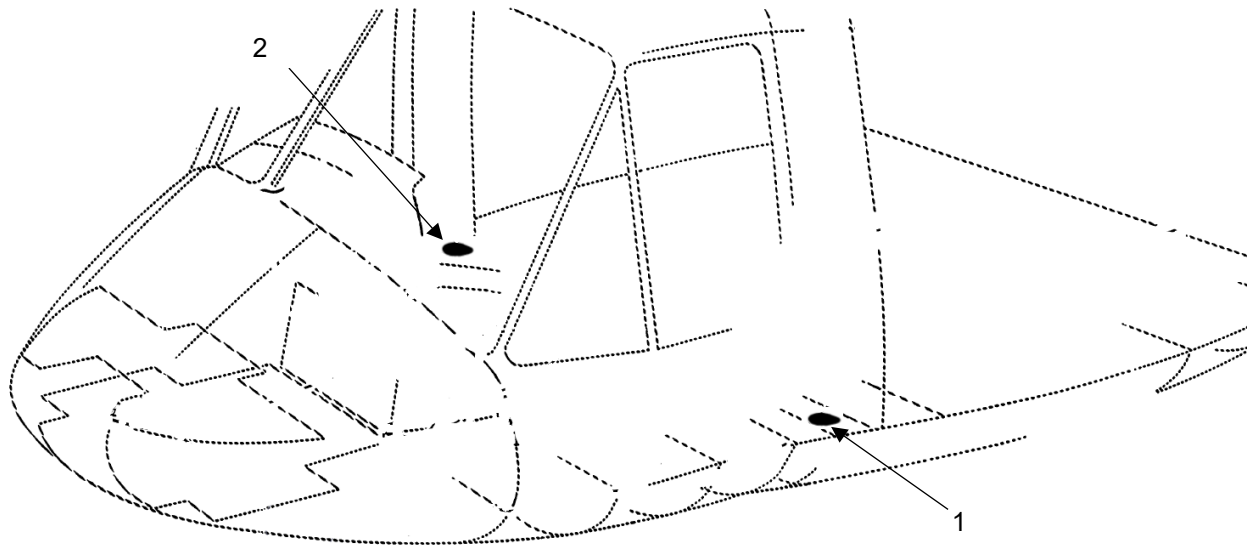


Figure 96-4 - Lower Position Light (LH and RH)

96-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 96-4				
1	01-0770875-02	Light, Lower Position, LH	1	
2	01-0770875-01	Light, Lower Position, RH	1	

96-00-00

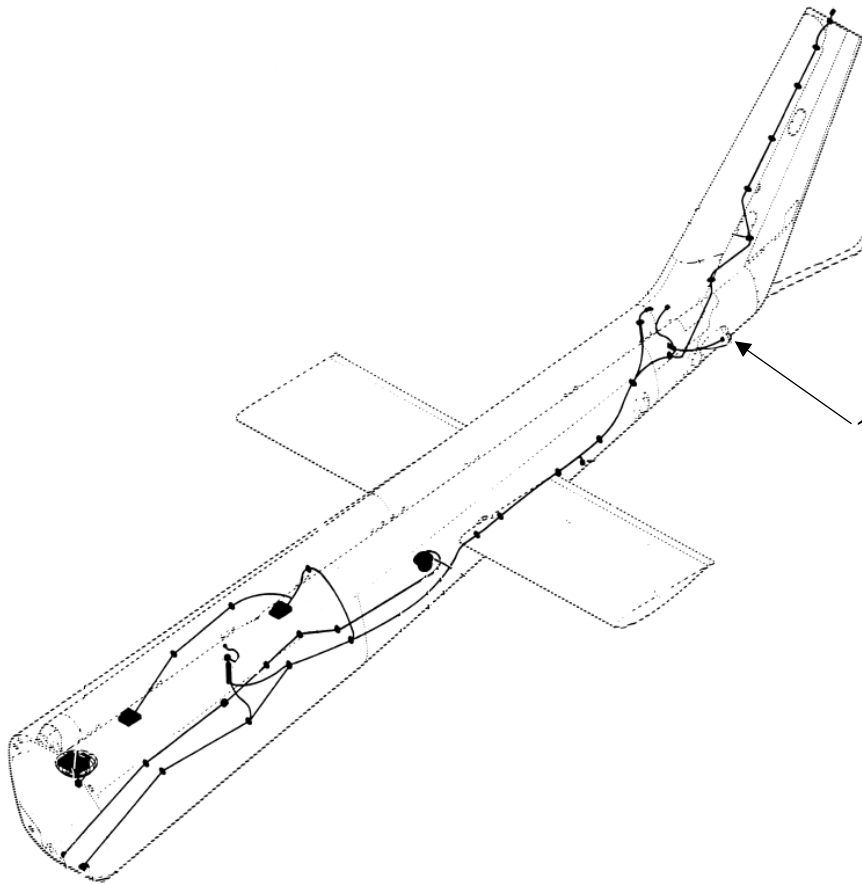


Figure 96-5 - Tail Light

96-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 96-5				
1	01-0771011-02	Light, Tail	1	

96-00-00

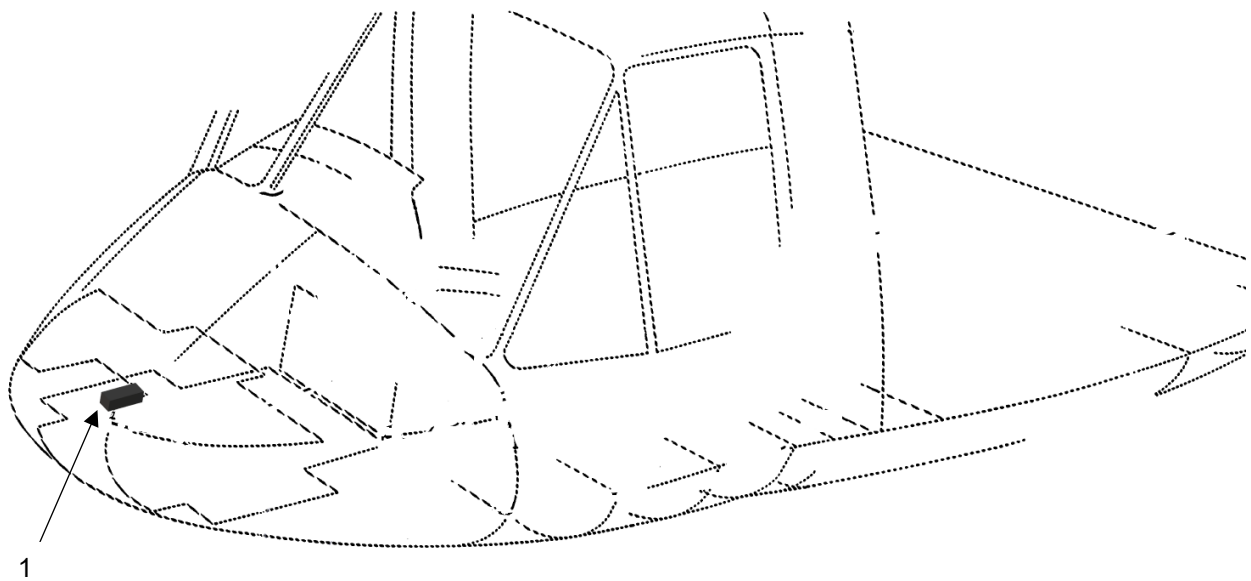


Figure 96-6 - DC Control Unit

96-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 96-6				
1	51530-006B	DC Control Panel	1	

96-00-00

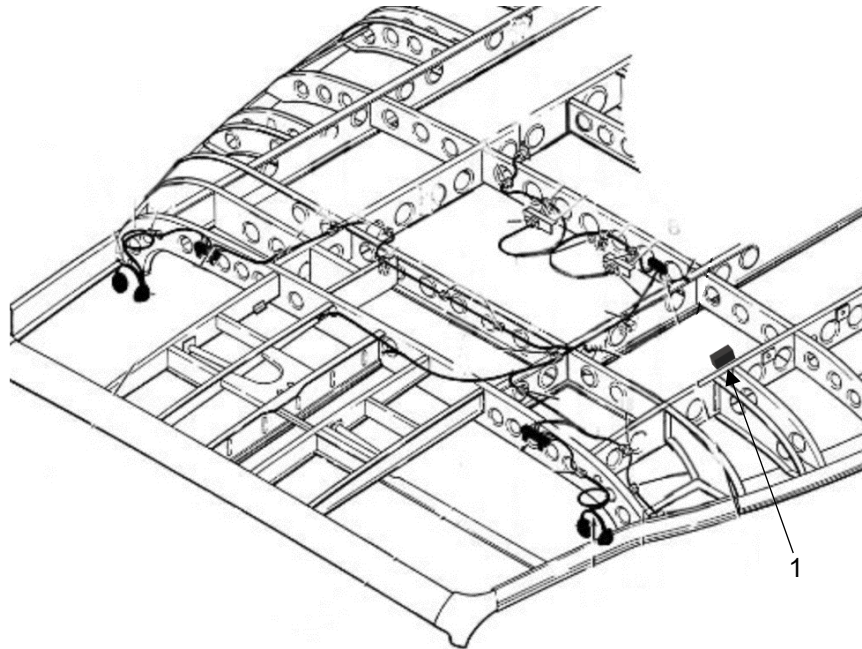


Figure 96-7 - Current Limiter

96-00-00

Item	Part Number	Item Name	Unit per Assy.	UOC
Figure 96-7				
1	212-075-236-031	Current Limiter	1	

96-00-00

CHAPTER 97 AVIONICS

REFER TO BHT-212-IPC

97-00-00