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Illustrated Parts Catalog

Eagle Single

B212

IPC-D212-725

Revision 6

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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.
5	September 26, 2024	Alternate and New parts added. New Aircraft serial numbers included. Electrical components referenced to new IPC-212-001. Intent of ECN-212-029 Rev B Incorporated into IPC-212-001.
6	See Cover Page	Incorporated ECN-212-034 Rev. A. Added Figure 71-18 and corrected corresponding part numbers.

List of Effective Pages

Section	Page	Revision
01	1	6
01	2	6
01	3	6
01	4	6
01	5	6
01	6	6
01	7	6
01	8	6
01	9	6
01	10	6
01	11	6
01	12	6
01	13	6
01	14	6
01	15	6
01	16	6
08	1	4
09	1	4
10	1	4
11	1	5
11	2	5
11	3	5
11	4	5
21	1	4
21	2	4
21	3	4
21	4	4
21	5	4
21	6	4
21	7	4
21	8	4
25	1	4
25	2	4
25	3	4
25	4	4
26	1	5
26	2	5
26	3	5
26	4	5
26	5	5
26	6	5

Section	Page	Revision
28	1	5
28	2	5
28	3	5
28	4	5
28	5	5
28	6	5
28	7	5
28	8	5
28	9	5
28	10	5
28	11	5
28	12	5
28	13	5
28	14	5
28	15	5
28	16	5
28	17	5
28	18	5
29	1	5
29	2	5
29	3	5
29	4	5
29	5	5
29	6	5
29	7	5
29	8	5
29	9	5
29	10	5
29	11	5
30	1	4
32	1	4
52	1	4
53	1	5
53	2	5
53	3	5
53	4	5
53	5	5
53	6	5
53	7	5
53	8	5
53	9	5
53	10	5
53	11	5
53	12	5

Section	Page	Revision
53	13	5
53	14	5
53	15	5
53	16	5
53	17	5
53	18	5
53	19	5
53	20	5
53	21	5
53	22	5
53	23	5
53	24	5
53	25	5
53	26	5
53	27	5
53	28	5
53	29	5
53	30	5
53	31	5
53	32	5
53	33	5
53	34	5
53	35	5
53	36	5
53	37	5
53	38	5
53	39	5
53	40	5
53	41	5
53	42	5
53	43	5
53	44	5
53	45	5
53	46	5
53	47	5
53	48	5
53	49	5
53	50	5
53	51	5
53	52	5
53	53	5
53	54	5
53	55	5
53	56	5
53	57	5
53	58	5
53	59	5
53	60	5
53	61	5

Section	Page	Revision
53	62	5
53	63	5
53	64	5
53	65	5
53	66	5
53	67	5
53	68	5
53	69	5
53	70	5
62	1	4
63	1	5
63	2	5
63	3	5
63	4	5
63	5	5
63	6	5
63	7	5
63	8	5
63	9	5
63	10	5
63	11	5
64	1	4
65	1	4
67	1	5
67	2	5
67	3	5
67	4	5
67	5	5
67	6	5
67	7	5
67	8	5
67	9	5
67	10	5
67	11	5
67	12	5
67	13	5
67	14	5
67	15	5
67	16	5
67	17	5
67	18	5
67	19	5
67	20	5
71	1	6

Section	Page	Revision
71	2	6
71	3	6
71	4	6
71	5	6
71	6	6
71	7	6
71	8	6
71	9	6
71	10	6
71	11	6
71	12	6
71	13	6
71	14	6
71	15	6
71	16	6
71	17	6
71	18	6
71	19	6
71	20	6
71	21	6
71	22	6
71	23	6
71	24	6
71	25	6
71	26	6
71	27	6
71	28	6
71	29	6
71	30	6
71	31	6
71	32	6
71	33	6
71	34	6
71	35	6
71	36	6
71	37	6
71	38	6
71	39	6
71	40	6
71	41	6
71	42	6
71	43	6
71	44	6
71	45	6
71	46	6
76	1	5
76	2	5
76	3	5
76	4	5

Section	Page	Revision
76	5	5
76	6	5
76	7	5
76	8	5
76	9	5
76	10	5
76	11	5
76	12	5
79	1	5
79	2	5
79	3	5
79	4	5
79	5	5
79	6	5
79	7	5
79	8	5
79	9	5
79	10	5
79	11	5
79	12	5
79	13	5
79	14	5
95	1	5
95	2	5
95	3	5
95	4	5
95	5	5
95	6	5
95	7	5
95	8	5
95	9	5
95	10	5
95	11	5
95	12	5
95	13	5
95	14	5
95	15	5
95	16	5
96	1	5
96	2	5
96	3	5
96	4	5
96	5	5
96	6	5
96	7	5
96	8	5
96	9	5

Section	Page	Revision
96	10	5
96	11	5
96	12	5
96	13	5

Section	Page	Revision
96	14	5
96	15	5
96	16	5
96	17	5

Section	Page	Revision
96	18	5
96	19	5
96	20	5
97	1	4

CHAPTER 01

INTRODUCTION

01-00-00

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CHAPTER 01 – INTRODUCTION (01-00-00)

TABLE OF CONTENTS

1.	Introduction	8
2.	Use of this Manual.....	8
2.1.	General	8
2.2.	Updates	8
3.	IPC – Table of Contents	9
4.	Part Number Indices	10
4.1.	Eagle Part Number Index	10
4.2.	Eagle Part Number – Bell Part Number Equivalency	13

01-00-00

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.

2.3. Avionics and Electrical Component List

IPC-212-001 Avionics and Electrical Component List is a supplemental publication to, and is intended to be used in conjunction with, this IPC.

Where Avionics and Electrical Items are depicted in this IPC, the item will be identified by its Reference Designator for look up in IPC-212-001. The Part Number and any approved alternates for the component is published in the Component List and is not duplicated in this publication.

01-00-00

3. IPC – Table of Contents

Chapter 01 – Introduction.....	(01-00-00)
Chapter 08 – Weight and Balance	(08-00-00)
Chapter 09 – Towing.....	(09-00-00)
Chapter 10 – Parking and Mooring	(10-00-00)
Chapter 11 – Placards and Markings.....	(11-00-00)
Chapter 21 – Air Distribution (Ventilation).....	(21-00-00)
Chapter 25 – Equipment and Furnishings	(25-00-00)
Chapter 26 – Fire Protection	(26-00-00)
Chapter 28 – Fuel System.....	(28-00-00)
Chapter 29 – Hydraulic System	(29-00-00)
Chapter 30 – Ice and Rain Protection.....	(30-00-00)
Chapter 32 – Landing Gear.....	(32-00-00)
Chapter 52 – Doors and Windows	(52-00-00)
Chapter 53 – Fuselage.....	(53-00-00)
Chapter 62 – Main Rotor	(62-00-00)
Chapter 63 – Main Rotor Drive System	(63-00-00)
Chapter 64 – Tail Rotor	(64-00-00)
Chapter 65 – Tail Rotor Drive System	(65-00-00)
Chapter 67 – Flight Controls	(67-00-00)
Chapter 71 – Power Plant System	(71-00-00)
Chapter 76 – Engine Controls.....	(76-00-00)
Chapter 79 – Engine Oil System.....	(79-00-00)
Chapter 95 – Instrument System	(95-00-00)
Chapter 96 – Electrical System.....	(96-00-00)
Chapter 97 – Avionics	(97-00-00)

01-00-00

4. Part Number Indices

4.1. Eagle Part Number Index

Part Number	Chapter	Figure	Item
D212-725-1-001	53	5	8
D212-725-1-002	53	5	8
D212-725-1-003	53	5	13
D212-725-1-004	53	5	13
D212-725-1-005	53	14	3
D212-725-1-009	53	23	1
D212-725-1-011	53	20	3
D212-725-1-012	53	20	3
D212-725-1-015	53	3	3
D212-725-1-017A	53	22	2
D212-725-1-017B	53	22	3
D212-725-1-019	53	34	1
D212-725-1-021	53	34	2
D212-725-1-023	53	34	3
D212-725-1-025	67	5	1
D212-725-1-027	67	7	22
D212-725-1-055	53	24	3
D212-725-1-057	53	24	4
D212-725-1-059	53	24	1
D212-725-1-061	53	25	1
D212-725-1-063	53	20	4
D212-725-1-064	53	20	4
D212-725-1-065	53	20	5
D212-725-1-066	53	20	5
D212-725-1-069	53	13	1
D212-725-1-075	53	16	2
D212-725-1-077	53	16	9
D212-725-1-078	53	16	9
D212-725-1-079	53	16	5
D212-725-1-079	53	17	4
D212-725-1-080	53	16	5
D212-725-1-080	53	17	4
D212-725-1-081	53	16	6
D212-725-1-083	53	17	6
D212-725-1-084	53	17	6
D212-725-1-085	53	17	2
D212-725-1-089	53	7	18
D212-725-1-091	53	7	17
D212-725-1-093	28	2	24
D212-725-1-093	53	8	29
D212-725-1-095	53	16	7
D212-725-1-097	53	16	8

Part Number	Chapter	Figure	Item
D212-725-1-099	53	16	10
D212-725-1-101	53	16	12
D212-725-1-101	53	16	14
D212-725-1-103	53	14	2
D212-725-1-105	28	2	31
D212-725-1-105	53	7, 8	27
D212-725-1-107	53	17	1
D212-725-1-109	53	2	7
D212-725-1-109	53	20	1
D212-725-1-110	53	2	7
D212-725-1-110	53	20	1
D212-725-1-111	53	2	11
D212-725-1-111	53	20	2
D212-725-1-113	53	16	17
D212-725-1-114	53	16	17
D212-725-1-115	53	17	3
D212-725-1-117	53	10	16
D212-725-1-123	26	1	8
D212-725-1-133	53	5	10
D212-725-1-135	53	3	2
D212-725-1-148	53	16	19
D212-725-1-149	53	19	2
D212-725-1-151	53	19	12
D212-725-1-153	53	19	7
D212-725-1-155	53	19	5
D212-725-1-157	53	19	16
D212-725-1-159	53	19	6
D212-725-1-161	53	19	17
D212-725-1-163	53	19	4
D212-725-1-165	53	19	13
D212-725-1-167	53	19	11
D212-725-1-169	53	19	9
D212-725-1-171	53	19	3
D212-725-1-173	53	19	3
D212-725-1-175	53	6	7
D212-725-1-176	53	6	7
D212-725-1-177	53	6	12
D212-725-1-178	53	6	12
D212-725-1-179	53	6	4
D212-725-1-181	53	6	6
D212-725-1-183	53	6	9
D212-725-1-184	53	6	9

01-00-00

Part Number	Chapter	Figure	Item
D212-725-1-185	53	6	6
D212-725-1-187	53	6	13
D212-725-1-189	53	6	14
D212-725-1-191	53	6	5
D212-725-1-195	28	4	33
D212-725-1-197	53	15	7
D212-725-1-197	53	15	14
D212-725-1-201	53	28	1
D212-725-1-202	53	28	3
D212-725-1-205	53	35	1
D212-725-1-207	53	35	2
D212-725-1-209	53	35	3
D212-725-1-211	53	10	17
D212-725-1-215	53	29	1
D212-725-1-217	53	29	2
D212-725-1-219	53	29	3
D212-725-1-221	53	29	4
D212-725-1-223	53	29	5
D212-725-1-225	53	29	6
D212-725-1-227	71	11	6
D212-725-1-229	53	4	5
D212-725-1-231	53	4	6
D212-725-1-233	53	4	1
D212-725-1-235A	53	7, 8	3
D212-725-1-235B	53	7, 8	8
D212-725-1-235C	53	7, 8	9
D212-725-1-235D	53	7, 8	10
D212-725-1-237A	53	7, 8	4
D212-725-1-237B	53	7, 8	5
D212-725-1-237C	53	7, 8	6
D212-725-1-237D	53	7, 8	7
D212-725-1-237E	53	7, 8	11
D212-725-1-237F	53	7, 8	12
D212-725-1-237G	53	7, 8	13
D212-725-1-237H	53	7, 8	14
D212-725-1-237J	53	7, 8	15
D212-725-1-245	67	1	18
D212-725-1-247	67	1	17
D212-725-1-249	28	5	1
D212-725-1-255	53	12	12
D212-725-1-257	71	9	9
D212-725-1-259	53	31	2
D212-725-1-261	53	31	3
D212-725-1-263	53	31	4
D212-725-1-265	53	31	5
D212-725-1-267	53	31	6
D212-725-1-269	53	31	7

Part Number	Chapter	Figure	Item
D212-725-1-271	28	8	1
D212-725-1-273	28	7	1
D212-725-1-275	53	9	1
D212-725-1-276	53	9	2
D212-725-1-277	53	9	3
D212-725-1-279	53	9	4
D212-725-1-280	53	9	5
D212-725-1-281	53	29	8
D212-725-1-901	67	1	1
D212-725-1-903	53	12	1
D212-725-1-905	21	1	2
D212-725-1-913	28	3	17
D212-725-1-913	53	26	4
D212-725-1-915	28	3	18
D212-725-1-915	53	26	2
D212-725-1-917	28	4	1
D212-725-1-919	76	1	32
D212-725-1-921	79	3	33
D212-725-1-923	26	1	10
D212-725-1-925	26	1	2
D212-725-1-927	28	6	1
D212-725-1-929	76	2	46
D212-725-1-931	26	1	1
D212-725-1-933	53	24	2
D212-725-1-935	53	12	10
D212-725-1-939	53	26	
D212-725-1-941	28	3	17
D212-725-1-941	53	27	4
D212-725-1-943	28	3	18
D212-725-1-943	53	27	2
D212-725-1-945	28	3	24, 25
D212-725-1-945	53	27	5
D212-725-1-947	67	1	19
D212-725-1-949	21	2	1
D212-725-1-951	53	30	1
D212-725-5-001	96	8	6
D212-725-5-003	96	8	7
D212-725-5-005	96	8	1
D212-725-5-007	96	8	2
D212-725-5-009	96	9	8
D212-725-5-011	96	10	9
D212-725-5-013	67	4	15
D212-725-5-017	96	8	3,4
D212-725-5-019	96	8	5
D212-725-6-001	11	1	4
D212-725-6-003	11	1	2

01-00-00

Part Number	Chapter	Figure	Item
D212-725-6-005	11	1	3
D212-725-6-007	11	1	1
D212-725-6-009	11	1	6
D212-725-6-011	11	1	7
E212-1009-101	71	13	4 2
E212-1009-103	71	12, 13	29, 5
E212-1009-105	53	32, 33	2
E212-1009-107	53	32, 33	3
E212-1009-109	71	13	33
E212-1009-110	71	13	34
E212-1009-111	71	13	41
E212-1009-113	71	13	35
E212-1009-115	71	13	58
E212-1009-116	71	13	59
E212-1009-117	71	13	46
E212-1009-118	71	13	47
E212-1009-119	71	4	5
E212-1009-121	71	4	4
E212-1009-123	53	1	4
E212-1010-101	79	3	116
E212-1011-101	53	11	19
E212-1011-103	53	11	20
E212-1011-104	53	11	21
E212-1012-101	53	32	1
E212-1013-101	53	33	4
E212-1016-101	53	6	20
E212-1020-101	96	2	2

Part Number	Chapter	Figure	Item
E212-1022-041	67	2	1
E212-1024-101	53	36	1
E212-1024-103	53	36	2
E212-1024-105	53	37	3
E212-3000-041	29	5	1
E212-3001-041	63	1	46
E212-3001-043	63	1	43
E212-3001-045	63	1	33
E212-3002-041	79	3	70
E212-3002-043	53	12	10
E212-3003-041	79	3	44
E212-3003-043	79	3	54
E212-3004-041	76	4	3
E212-5008-041	95	5	7
E212-5009-041	96	8	1
E212-5009-043	96	8	2
E212-5009-045	96	8	3
E212-5009-047	96	8	4
E212-5012-041	96	8	5
E212-5012-043	96	8	6
E212-5012-045	96	8	7
E212-5012-047	96	9	8
E212-5012-049	96	10	9
E212-5012-051	67	4	15
E212-7001-603	11	1	17
E212-7001-605	11	1	18
E212-7004-101	11	1	7

01-00-00

4.2. Eagle Part Number – Bell Part Number Equivalency

Eagle Part Number ^[1]	Bell Part Number
D212-725-1-001	New Part
D212-725-1-002	New Part
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
D212-725-1-019	New Part
D212-725-1-021	New Part
D212-725-1-023	New Part
D212-725-1-025	New Part
D212-725-1-027	New Part
D212-725-1-055	New Part
D212-725-1-057	New Part
D212-725-1-059	New Part
D212-725-1-061	205-032-170-003
D212-725-1-063	New Part
D212-725-1-064	New Part
D212-725-1-065	New Part
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
D212-725-1-079	New Part
D212-725-1-080	New Part
D212-725-1-081	New Part
D212-725-1-083	New Part
D212-725-1-084	New Part
D212-725-1-085	New Part
D212-725-1-089	205-030-499-009
D212-725-1-091	New Part
D212-725-1-093	New Part
D212-725-1-095	New Part
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
D212-725-1-109	New Part
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
D212-725-1-123	205-061-909-011
D212-725-1-133	New Part
D212-725-1-135	New Part
D212-725-1-149	205-032-107-037
D212-725-1-151	205-032-107-033
D212-725-1-153	205-032-107-019
D212-725-1-155	205-032-107-021
D212-725-1-157	205-032-107-045
D212-725-1-159	205-032-107-029
D212-725-1-161	205-032-107-017
D212-725-1-163	205-032-107-024
D212-725-1-165	205-032-107-027
D212-725-1-167	205-032-107-023
D212-725-1-169	205-032-107-025
D212-725-1-171	205-032-107-047
D212-725-1-173	205-961-316-015
D212-725-1-175	New Part
D212-725-1-176	New Part
D212-725-1-177	New Part
D212-725-1-178	New Part
D212-725-1-179	New Part
D212-725-1-181	New Part
D212-725-1-183	New Part
D212-725-1-184	New Part
D212-725-1-185	New Part
D212-725-1-187	New Part
D212-725-1-189	New Part
D212-725-1-191	New Part
D212-725-1-195	205-060-919-003
D212-725-1-197	205-060-835-001
D212-725-1-201	New Part
D212-725-1-202	New Part
D212-725-1-205	New Part
D212-725-1-207	New Part
D212-725-1-209	New Part
D212-725-1-211	New Part
D212-725-1-215	New Part

01-00-00

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	205-032-211-001
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
D212-725-5-001	New Part
D212-725-5-003	New Part
D212-725-5-005	New Part
D212-725-5-007	New Part
D212-725-5-009	New Part
D212-725-5-011	New Part
D212-725-5-017	New Part
D212-725-5-019	New Part
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

01-00-00

Eagle Part Number ^[1]	Bell Part Number
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
E212-1020-101	New Part
E212-1022-041	212-001-303-001
E212-1024-101	New Part
E212-1024-103	212-030-279-035
E212-1024-105	New Part
E212-3000-041	212-076-338-001
E212-3001-041	205-040-223-001
E212-3001-043	205-040-221-001
E212-3001-045	205-040-147-001
E212-3002-041	205-061-527-001
E212-3002-043	205-032-211-001
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
E212-5008-041	New Part
E212-5009-041	New Part
E212-5009-043	New Part
E212-5009-045	New Part
E212-5009-047	New Part
E212-5012-041	New Part
E212-5012-043	New Part
E212-5012-045	New Part
E212-5012-047	New Part
E212-5012-049	New Part
E212-5012-051	New Part
E212-7001-603	New Part
E212-7001-605	New Part
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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Manual Title: _____

Date of latest Revision: _____

Section; Chapter; Paragraph Affected: _____

Your feedback: _____

Now Reads: _____

Should Read: _____

Your Name: _____

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

CHAPTER 10 PARKING AND MOORING

REFER TO BHT-212-IPC

10-00-00

CHAPTER 11

PLACARDS

11-00-00

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CHAPTER 11 – PLACARDS (11-00-00)

LIST OF FIGURES

Figure 11-1 – Placards and Markings	3
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11-00-00

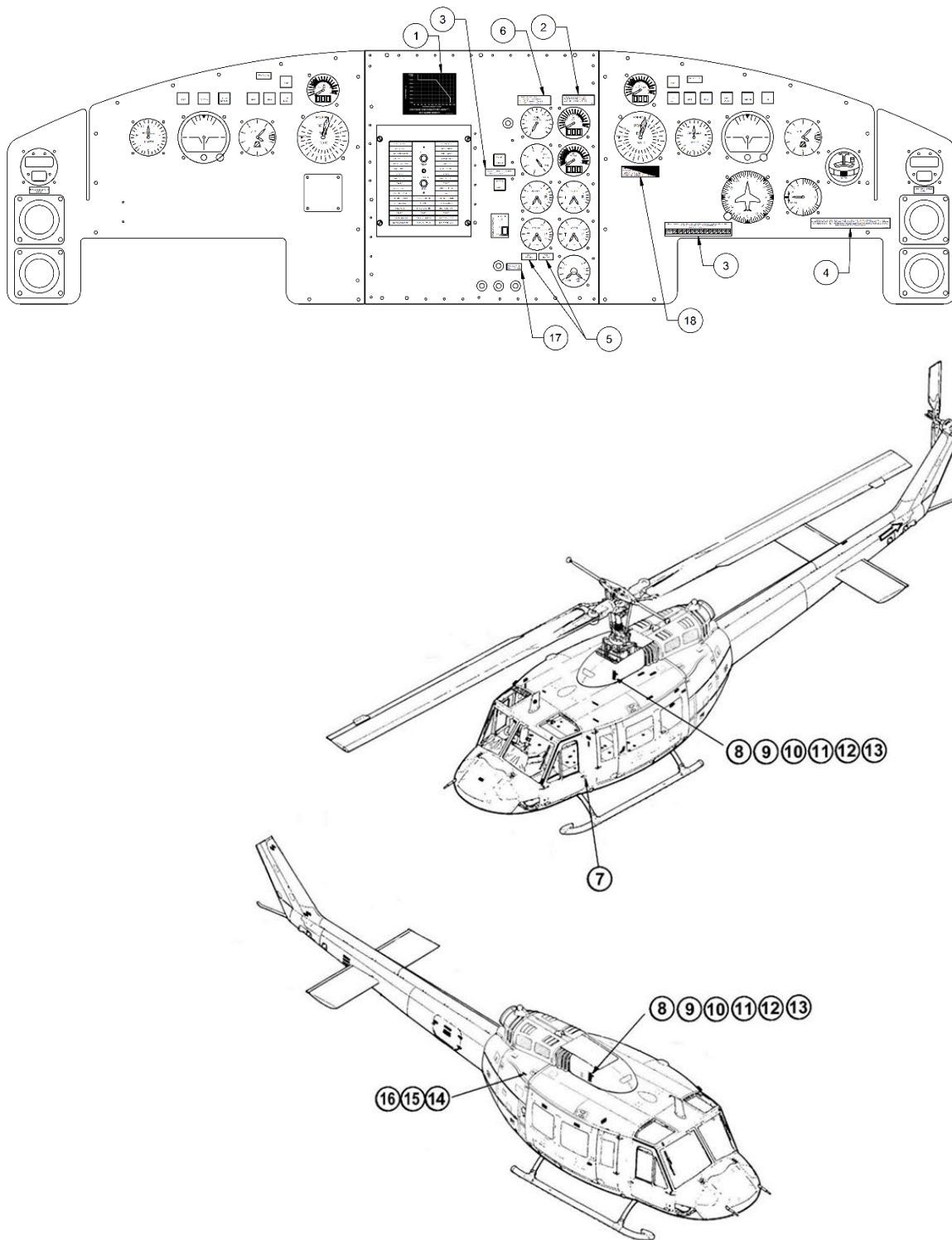


Figure 11-1 – Placards and Markings

11-00-00

Item	Part Number / Reference Designator	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	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	
17	E212-7001-603	Placard (Cargo Fire Test Switch)	1	
18	E212-7001-605	Placard (Operation Limitations)	1	

UOC Code

1 – Preferred for new builds and replacements

2 – Applicable for Aircraft S/N 30687 only

11-00-00

CHAPTER 21

AIR DISTRIBUTION

21-00-00

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CHAPTER 21 – AIR DISTRIBUTION (21-00-00)

LIST OF FIGURES

Figure 21-1 – Air Distribution Installation (Heating and Ventilation)	3
Figure 21-2 – D212-725-1-949 Duct	5
Figure 21-3 – Instrument Panel Air Vents	7

21-00-00



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Item	Part Number / Reference Designator	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

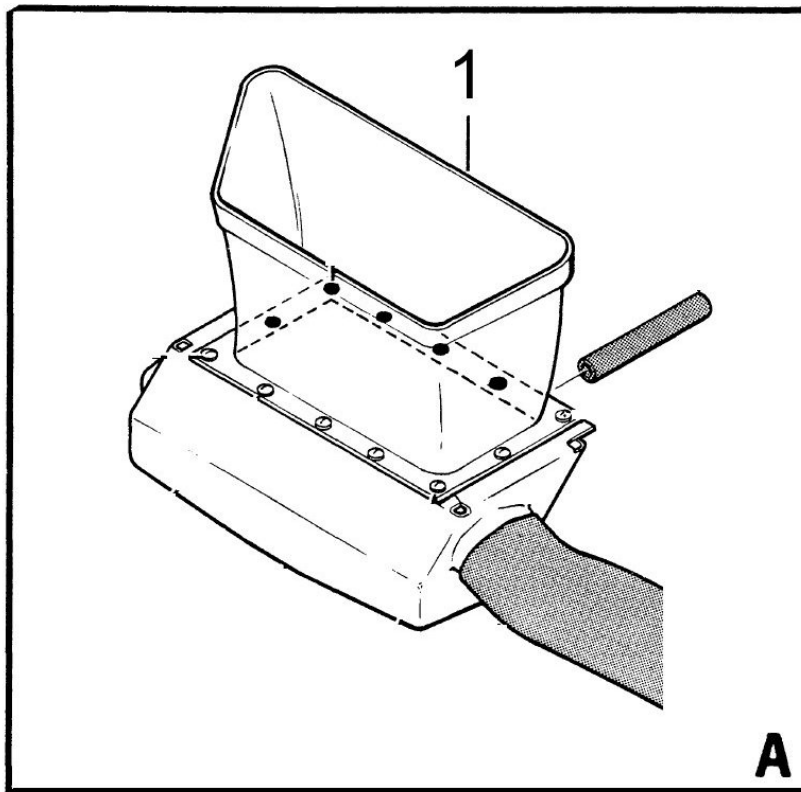
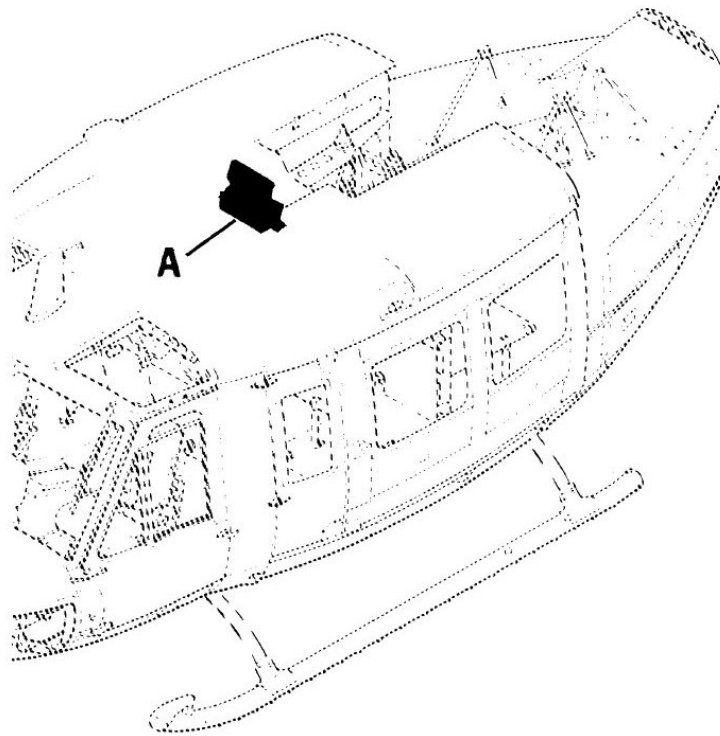


Figure 21-2 – D212-725-1-949 Duct

21-00-00

Item	Part Number / Reference Designator	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

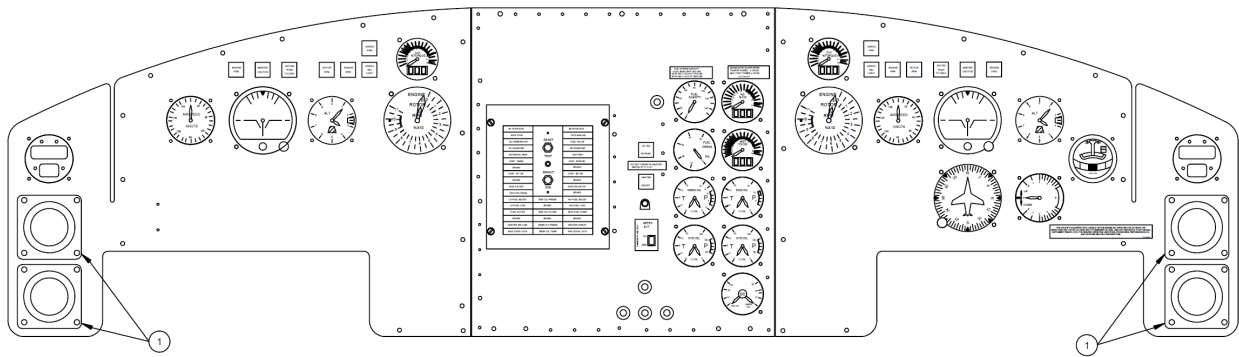


Figure 21-3 – Instrument Panel Air Vents

21-00-00

Item	Part Number / Reference Designator	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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CHAPTER 25 – EQUIPMENT (25-00-00)

LIST OF FIGURES

Figure 25-1 – Blanket Installation, Upholstery	3
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25-00-00

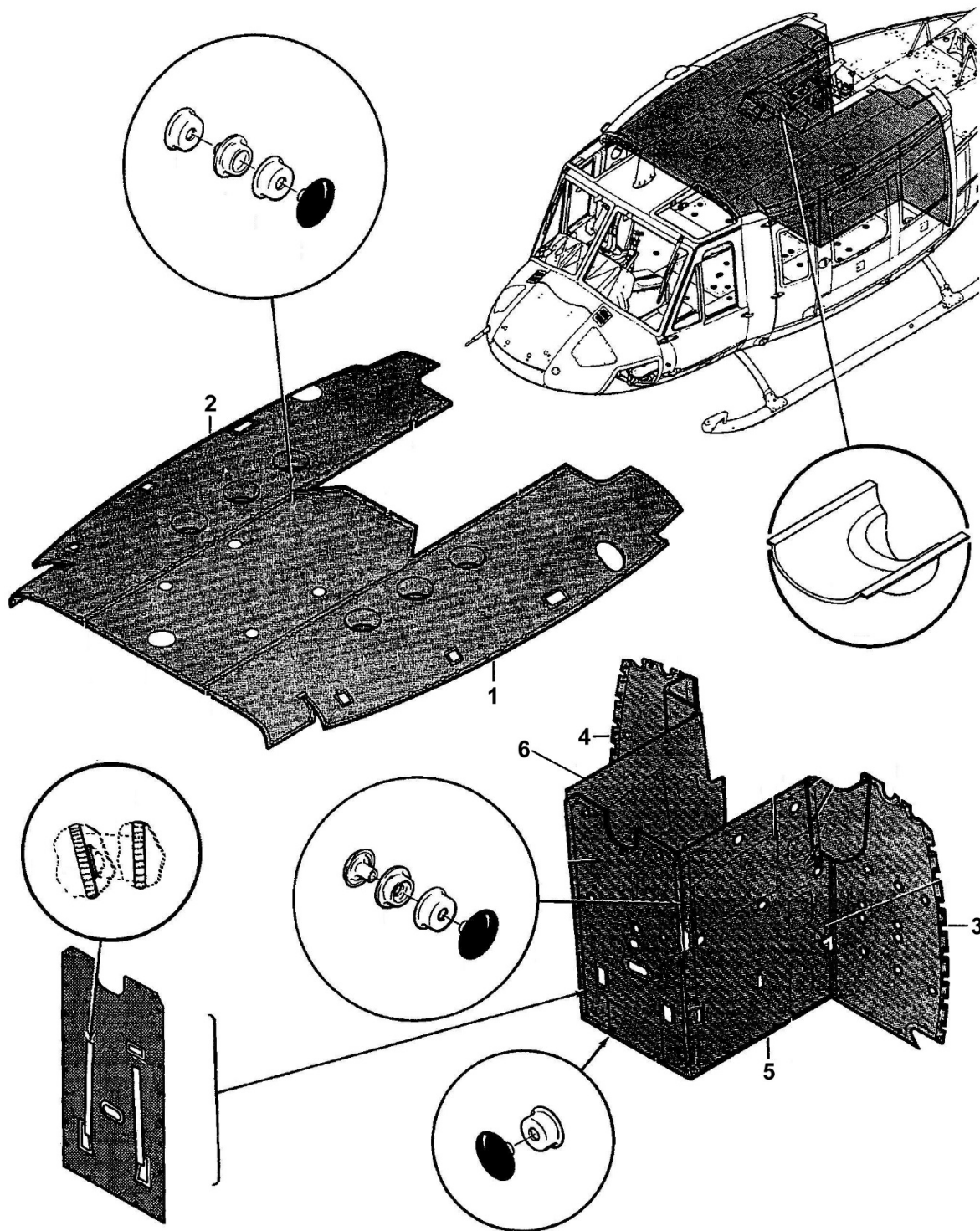


Figure 25-1 – Blanket Installation, Upholstery

25-00-00

Item	Part Number / Reference Designator	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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CHAPTER 26 – FIRE PROTECTION (26-00-00)

LIST OF FIGURES

Figure 26-1 – Fire Extinguisher Installation	3
Figure 26-2 - Fire Detection Installation	5

26-00-00

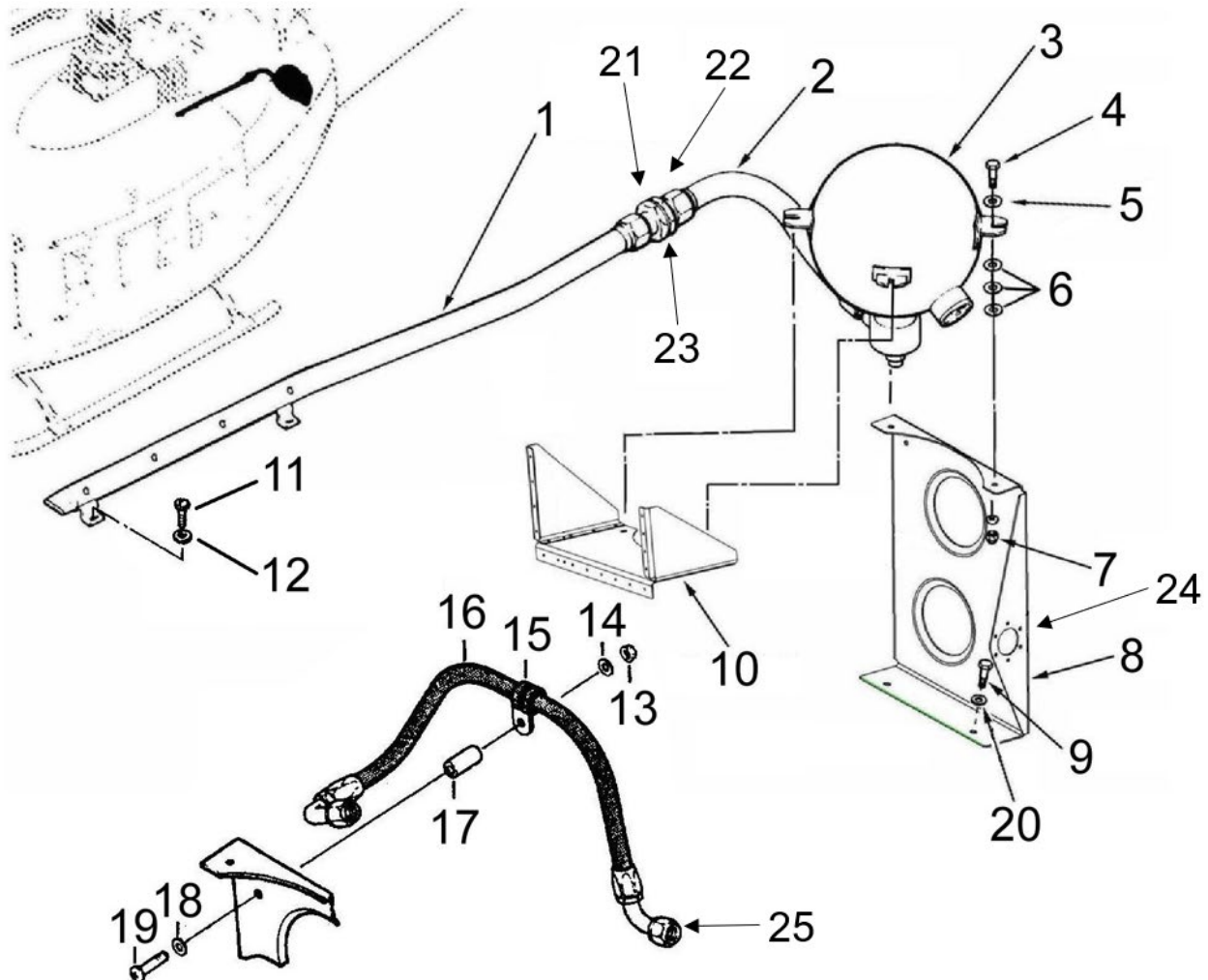


Figure 26-1 – Fire Extinguisher Installation

26-00-00

Item	Part Number / Reference Designator	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

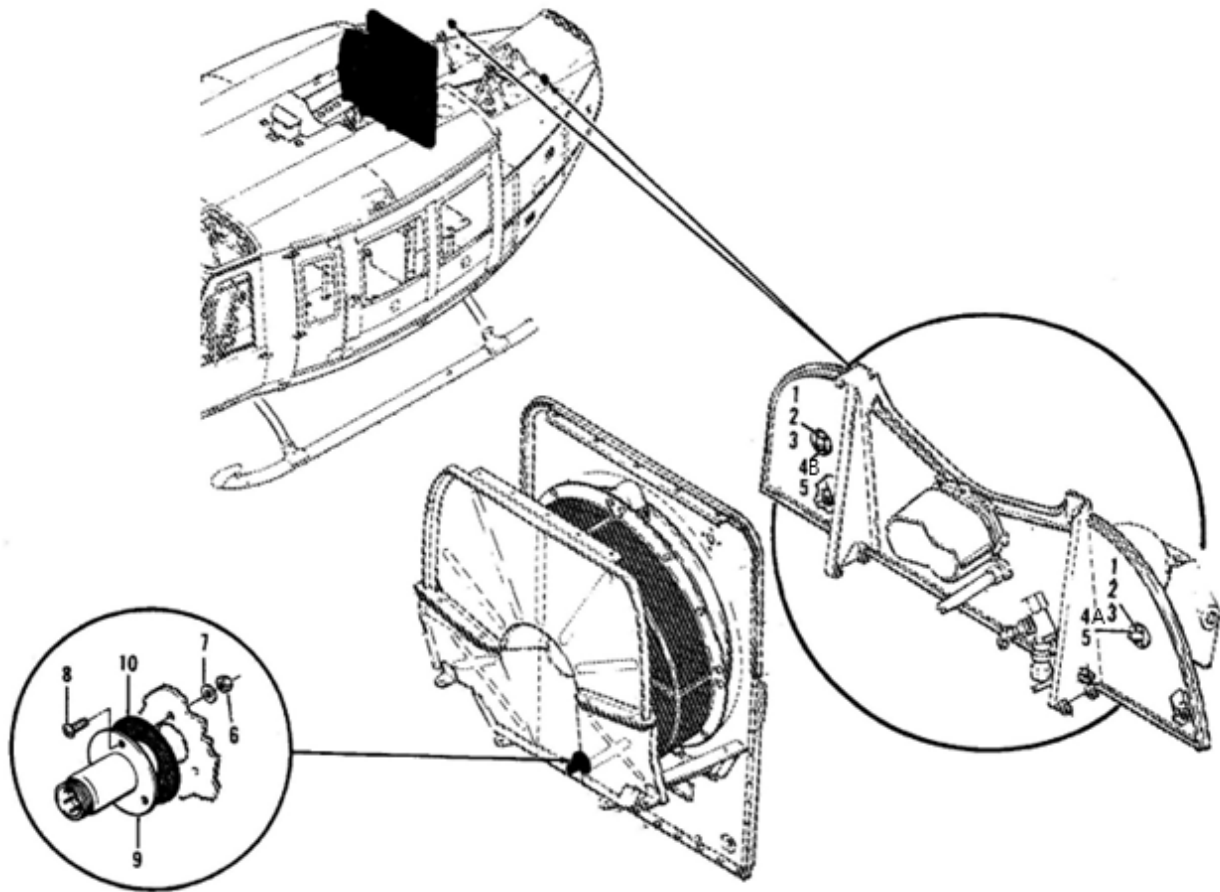


Figure 26-2 - Fire Detection Installation

26-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 26-2				
1	MS21069L3	Nutplate	8	
2	NAS1149F0332P	Washer	8	
3	AN525-10R6	Screw	8	
4A	Z52	#2 Fire Detector	1	1
4B	Z53	#3 Fire Detector	1	1
5	205-061-906-003	Gasket	2	
6	MS21069L3	Nutplate	3	
7	NAS1149F0332P	Washer	3	
8	AN525-10R6	Screw	3	
9	Z51	#1 Fire Detector	1	1
10	205-061-906-001	Gasket	1	

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

26-00-00

CHAPTER 28

FUEL SYSTEM

28-00-00

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CHAPTER 28 – FIRE PROTECTION (28-00-00)

LIST OF FIGURES

Figure 28-1 – Fuel System Installation (Sheet 1 of 2)	3
Figure 28-2 – Fuel System Installation (Sheet 2 of 2)	4
Figure 28-3 – Fuel System Installation	6
Figure 28-4 - Fuel Filter and Firewall Shut Off.....	8
Figure 28-5 - Fuel System Installation	11
Figure 28-6 - Auxiliary Fuel System.....	13
Figure 28-7 - FWD Interconnect Valve Location.....	15
Figure 28-8 - Rear Interconnect Valve Location	17

28-00-00

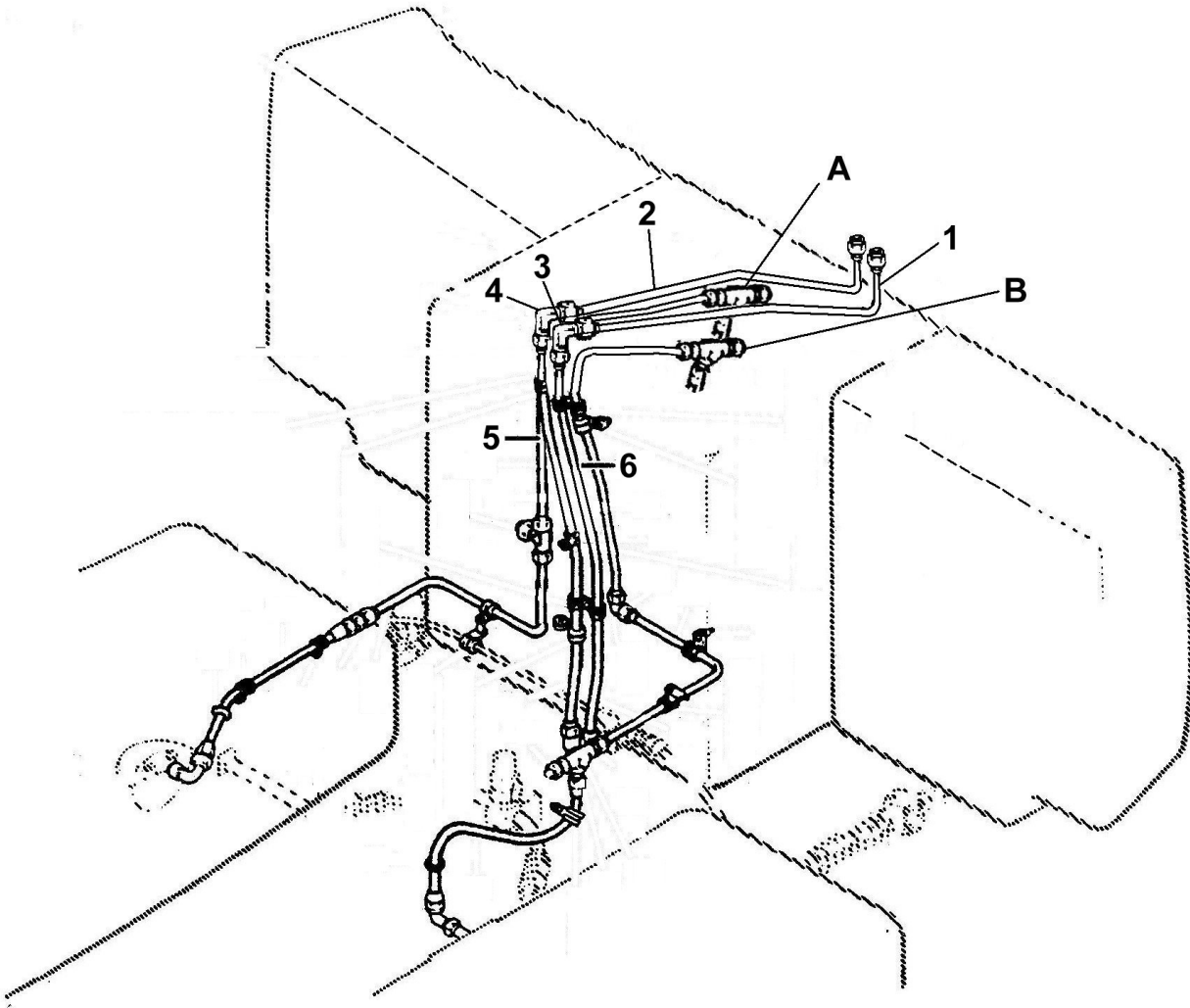


Figure 28-1 – Fuel System Installation (Sheet 1 of 2)

28-00-00

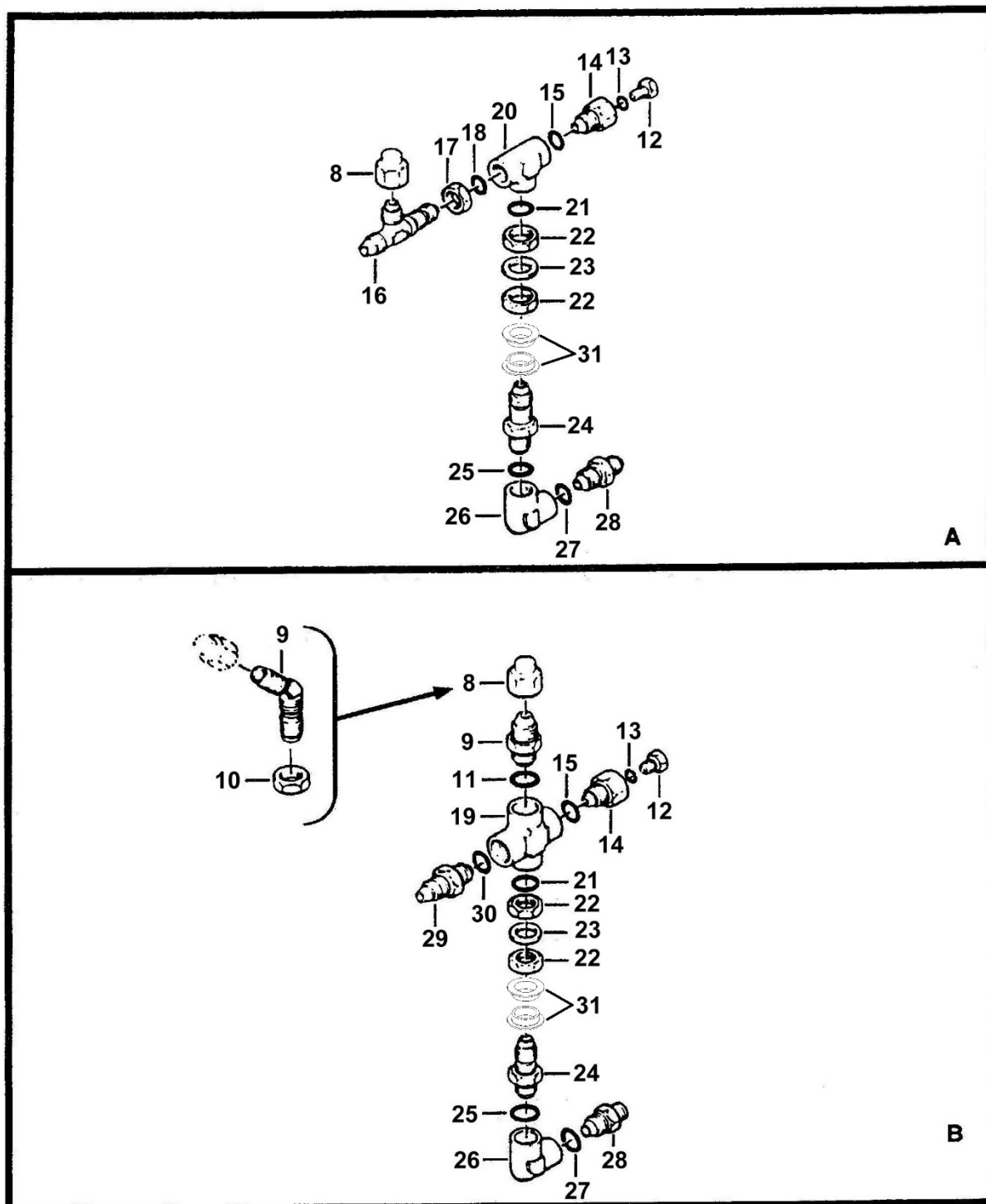


Figure 28-2 – Fuel System Installation (Sheet 2 of 2)

28-00-00

Item	Part Number / Reference Designator	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

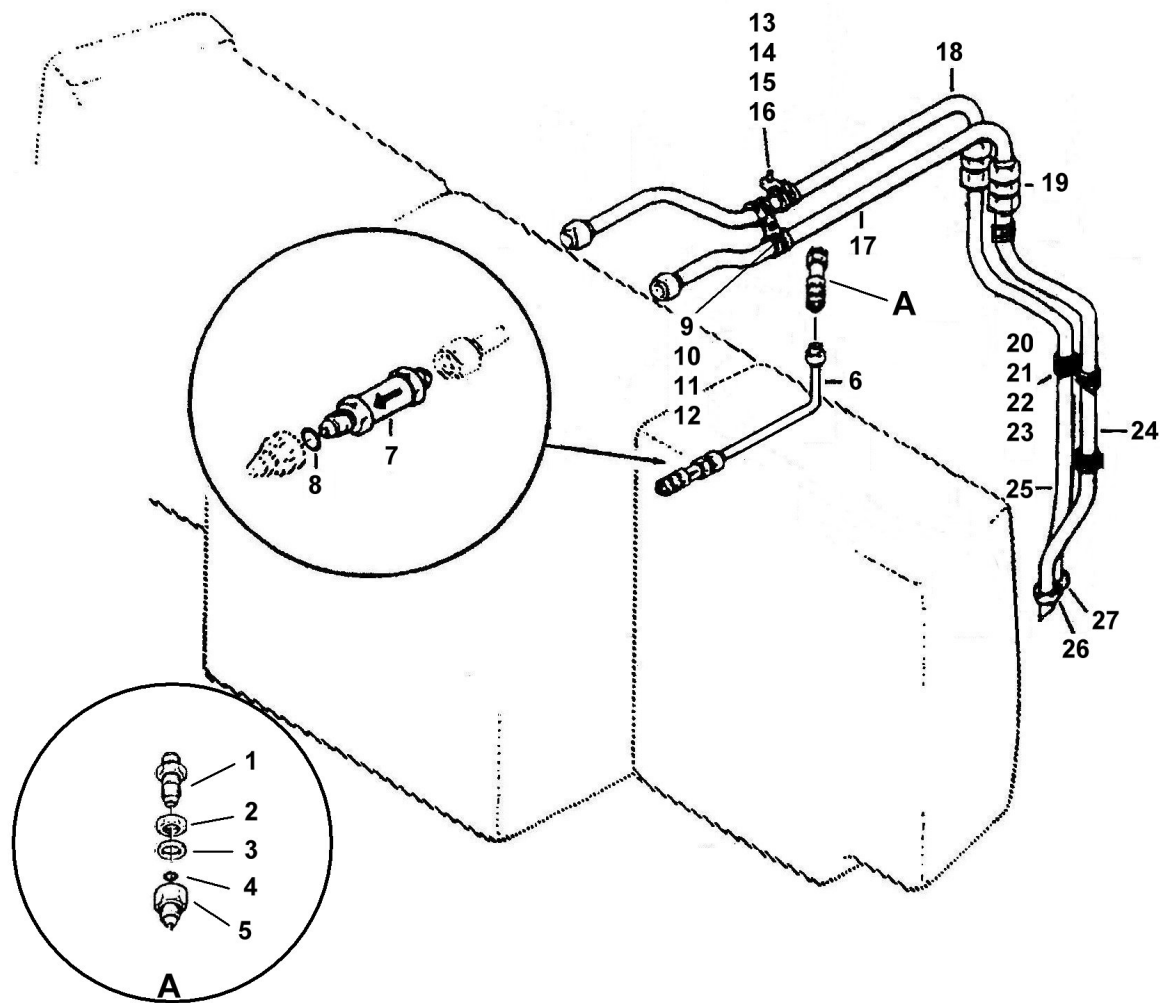


Figure 28-3 – Fuel System Installation

28-00-00

Item	Part Number / Reference Designator	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

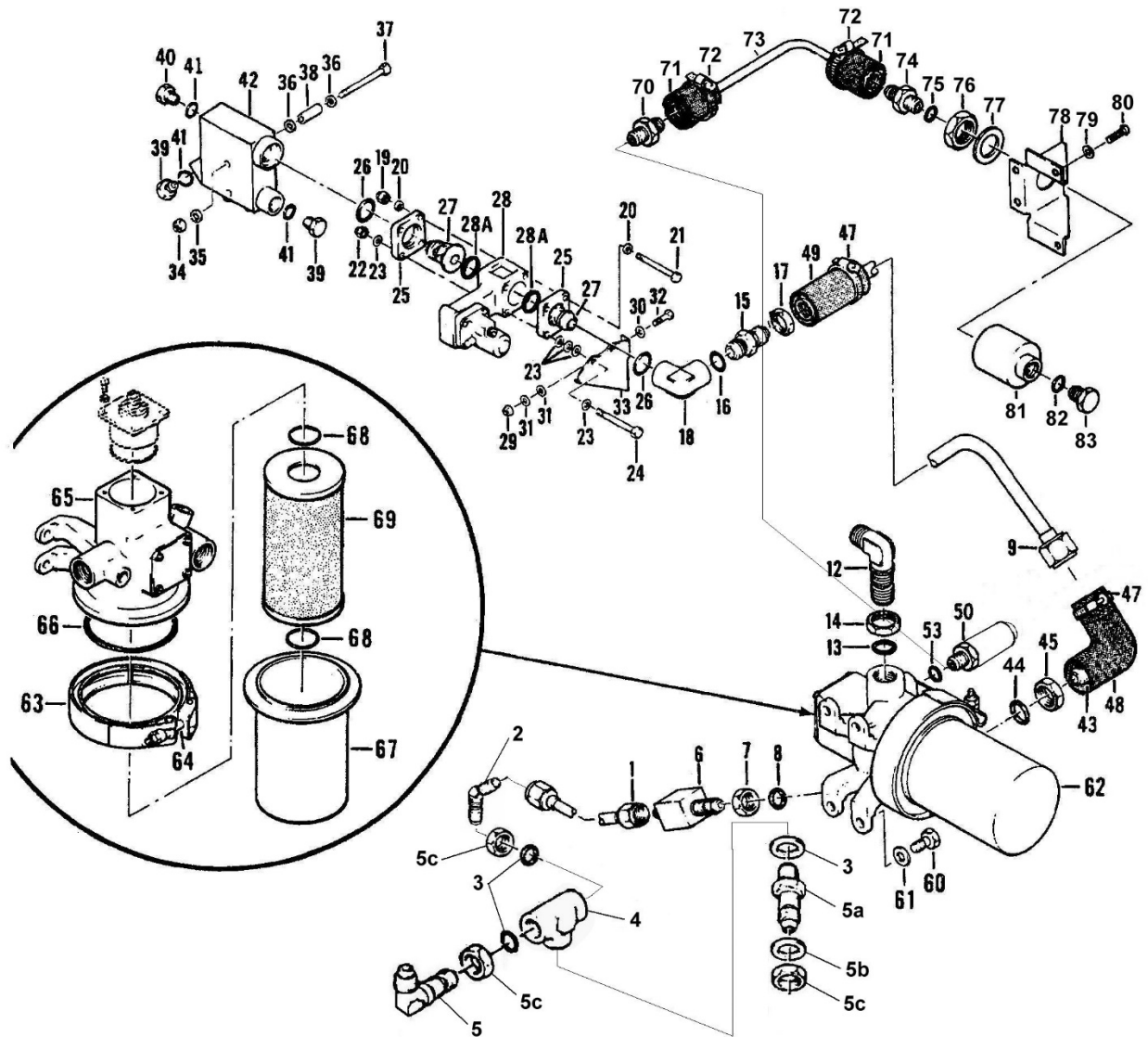


Figure 28-4 - Fuel Filter and Firewall Shut Off

28-00-00

Item	Part Number / Reference Designator	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	B9	Valve, Fuel Shutoff	1	3
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	
43	AN833-10J	Elbow	1	

28-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
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	B5	Transmitter, Fuel Pressure	1	1,3
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	B5	Transmitter, Fuel Pressure	1	2,3
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
- 3 – Refer to IPC-212-001 for Part Number and ICA Reference

28-00-00

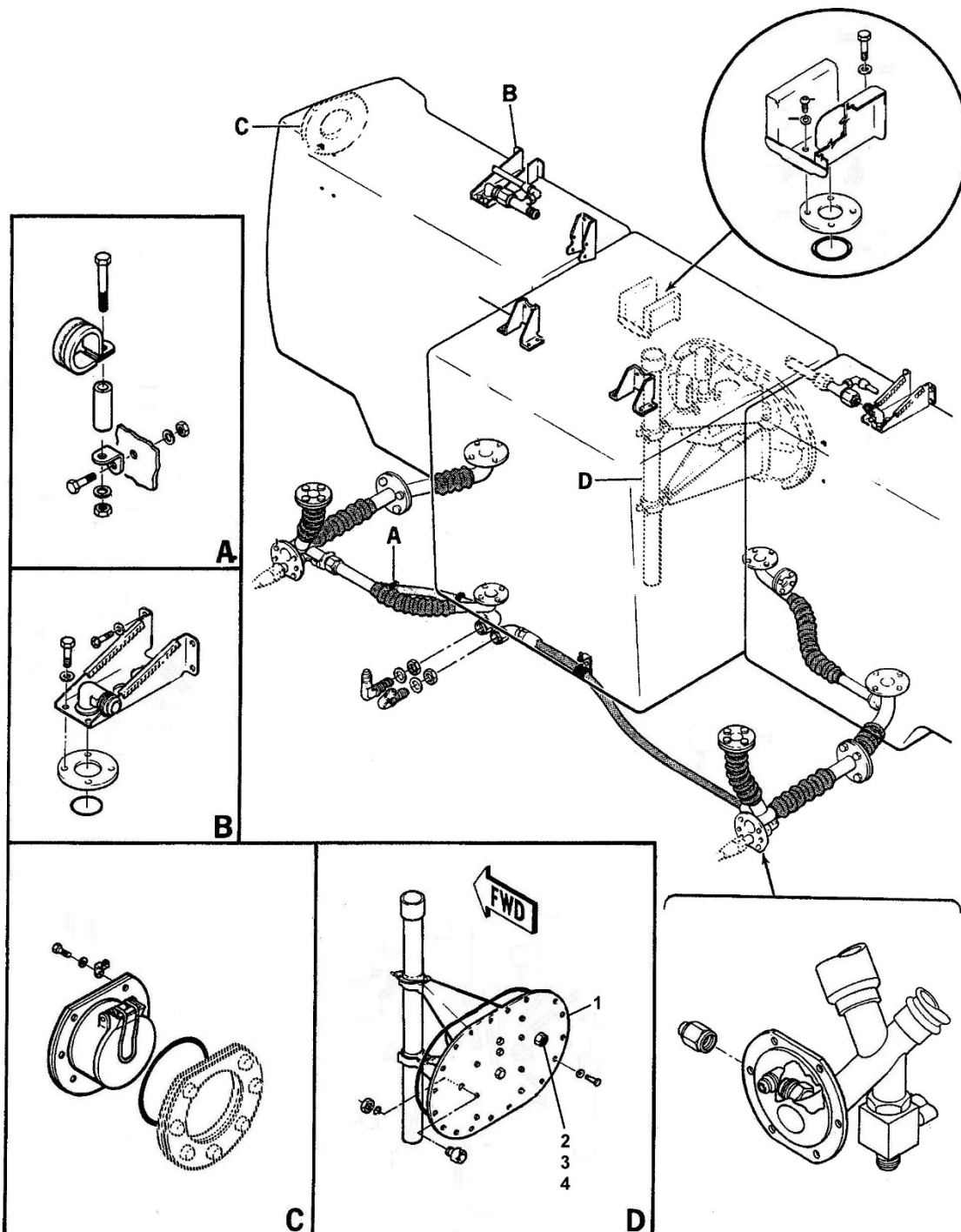


Figure 28-5 - Fuel System Installation

28-00-00

Item	Part Number / Reference Designator	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

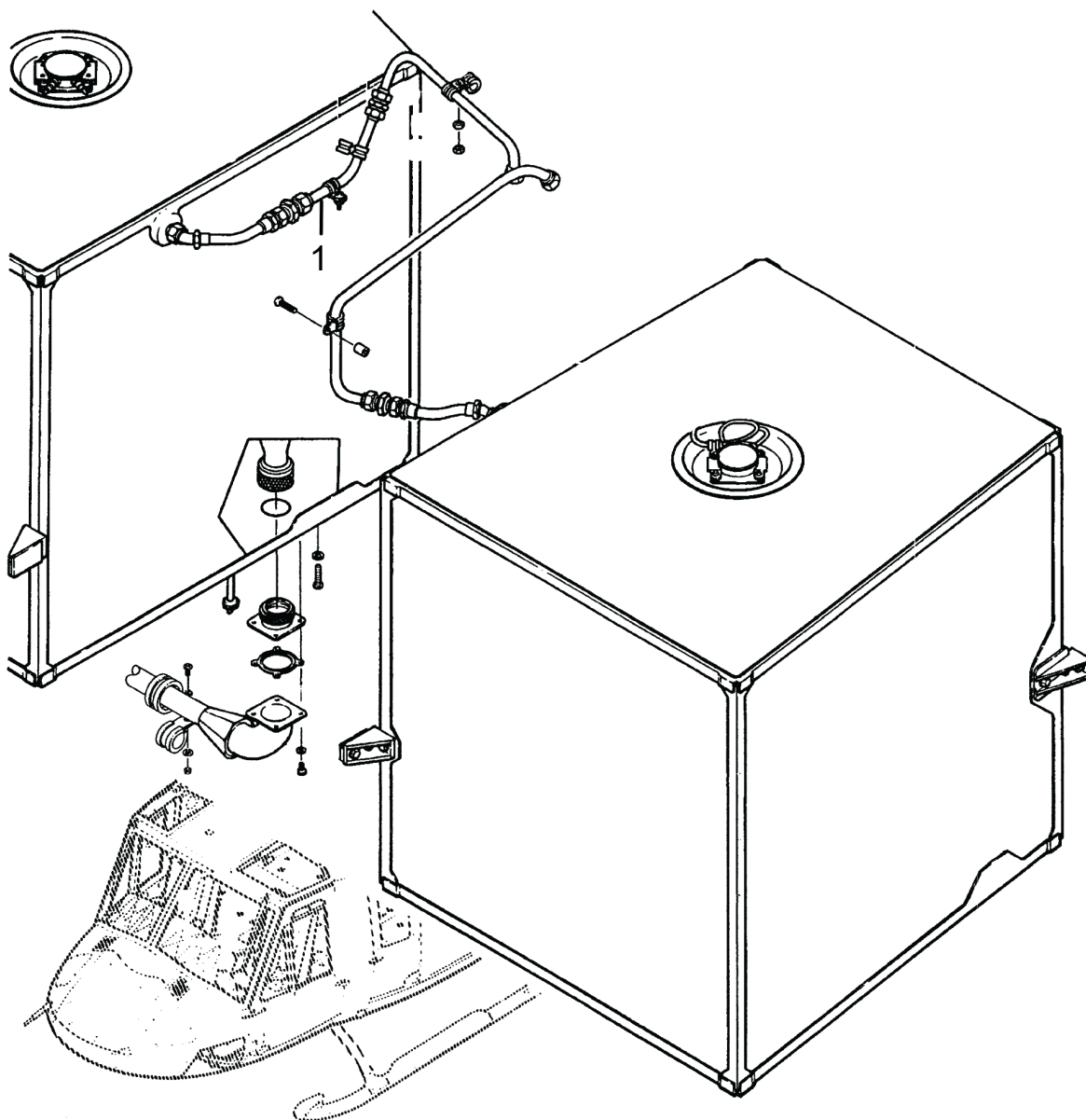


Figure 28-6 - Auxiliary Fuel System

28-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 28-6				
1	D212-725-1-927	Tube Assembly (Replaces 212-060-668-1)	1	

28-00-00

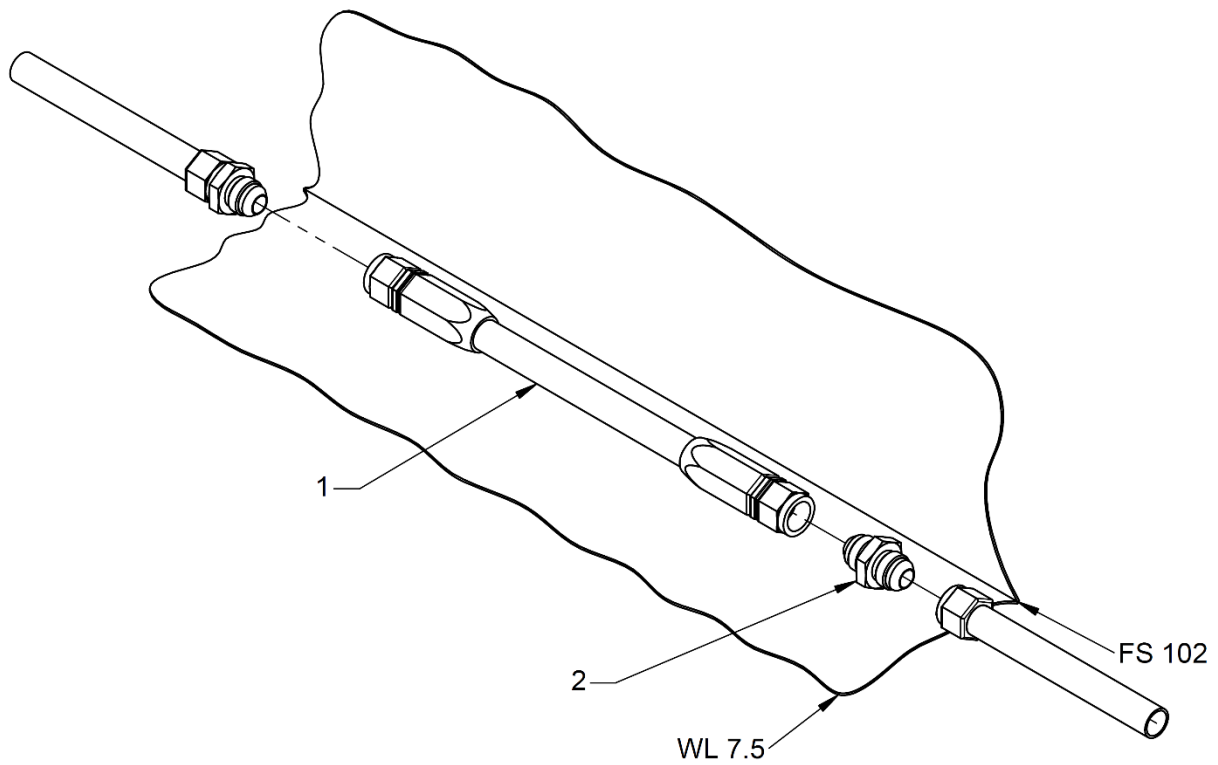


Figure 28-7 - FWD Interconnect Valve Location

28-00-00

Item	Part Number / Reference Designator	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

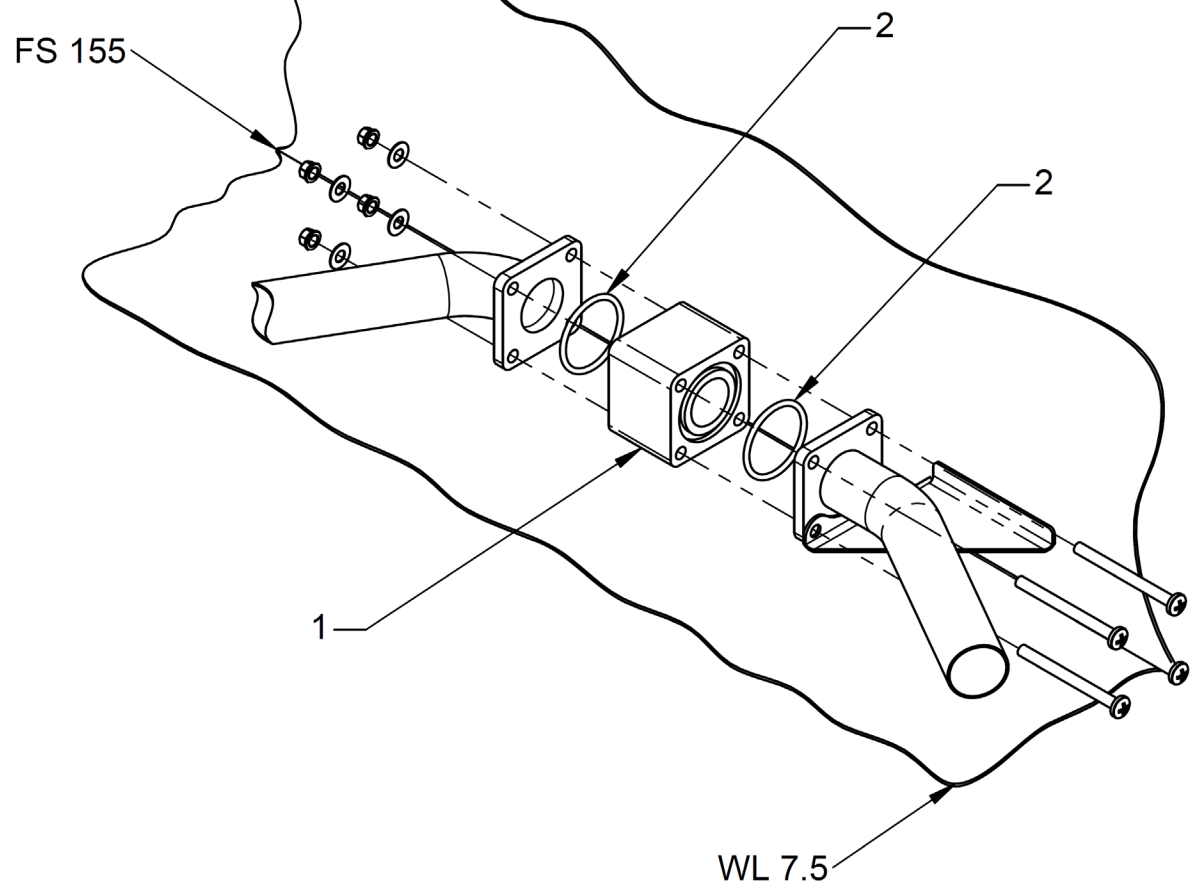


Figure 28-8 - Rear Interconnect Valve Location

28-00-00

Item	Part Number / Reference Designator	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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CHAPTER 29 – Hydraulics (29-00-00)

LIST OF FIGURES

Figure 29-1 – Hydraulic System 2 Installation (Sheet 1 of 2)	3
Figure 29-2 - Hydraulic System 2 Installation (Sheet 2 of 2)	4
Figure 29-3 – Hydraulic System 1 Pressure Switch and Pressure Transducer Installation	6
Figure 29-4 – Hydraulic System 2 Pressure Switch and Pressure Transducer Installation	8
Figure 29-5 - Hydraulic System 1 Installation	10

29-00-00

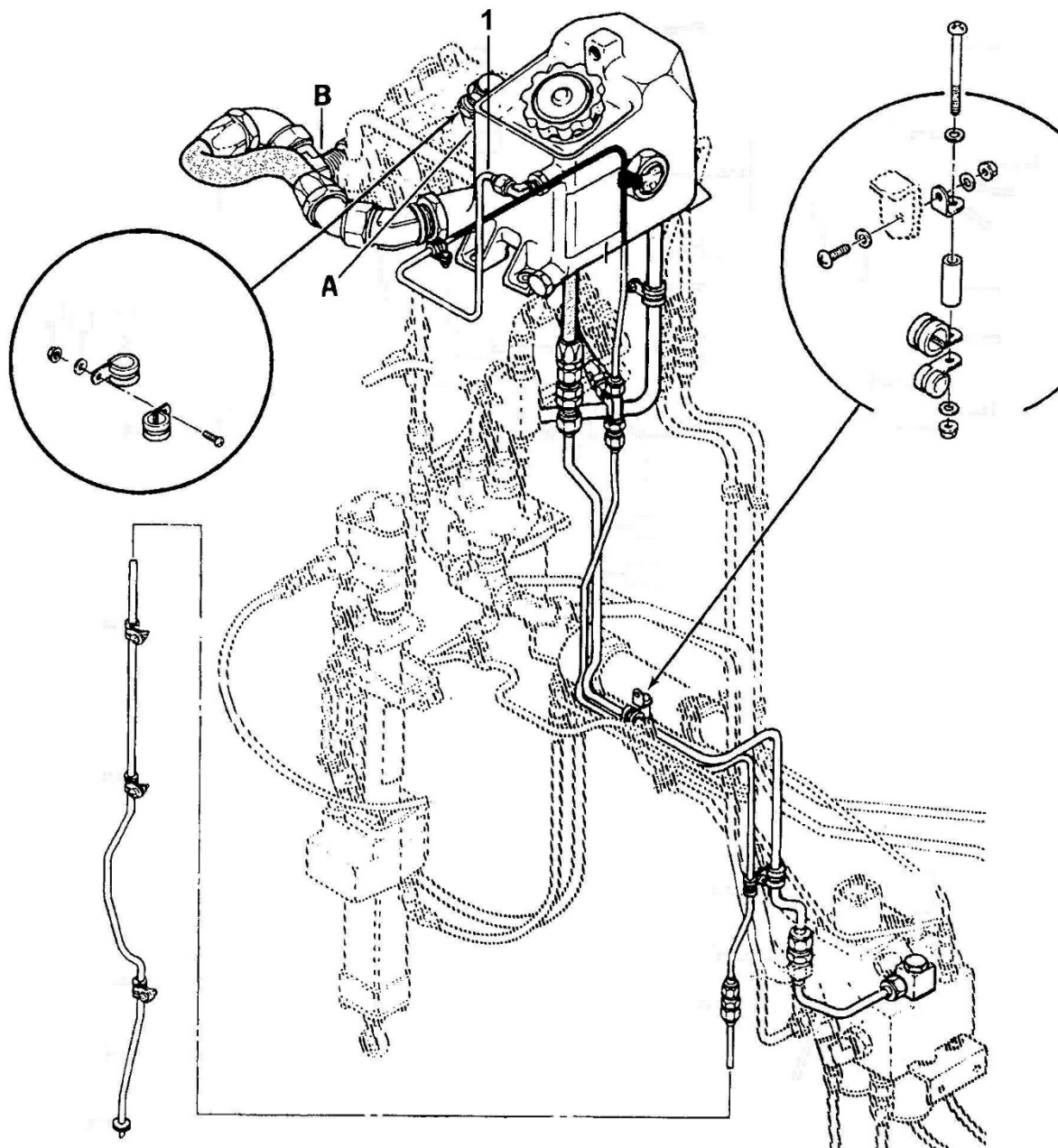


Figure 29-1 – Hydraulic System 2 Installation (Sheet 1 of 2)

29-00-00

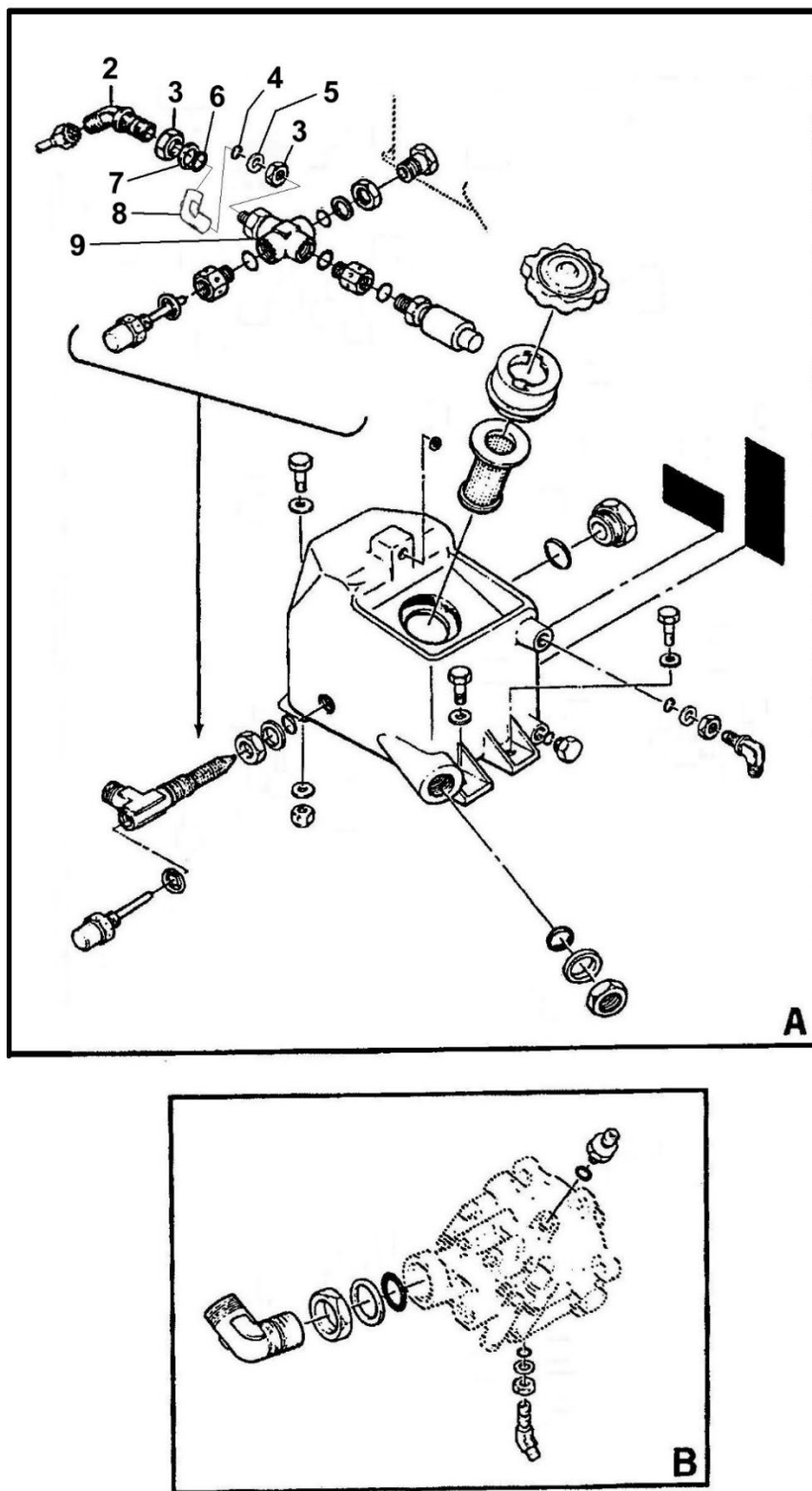


Figure 29-2 - Hydraulic System 2 Installation (Sheet 2 of 2)

29-00-00

Item	Part Number / Reference Designator	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

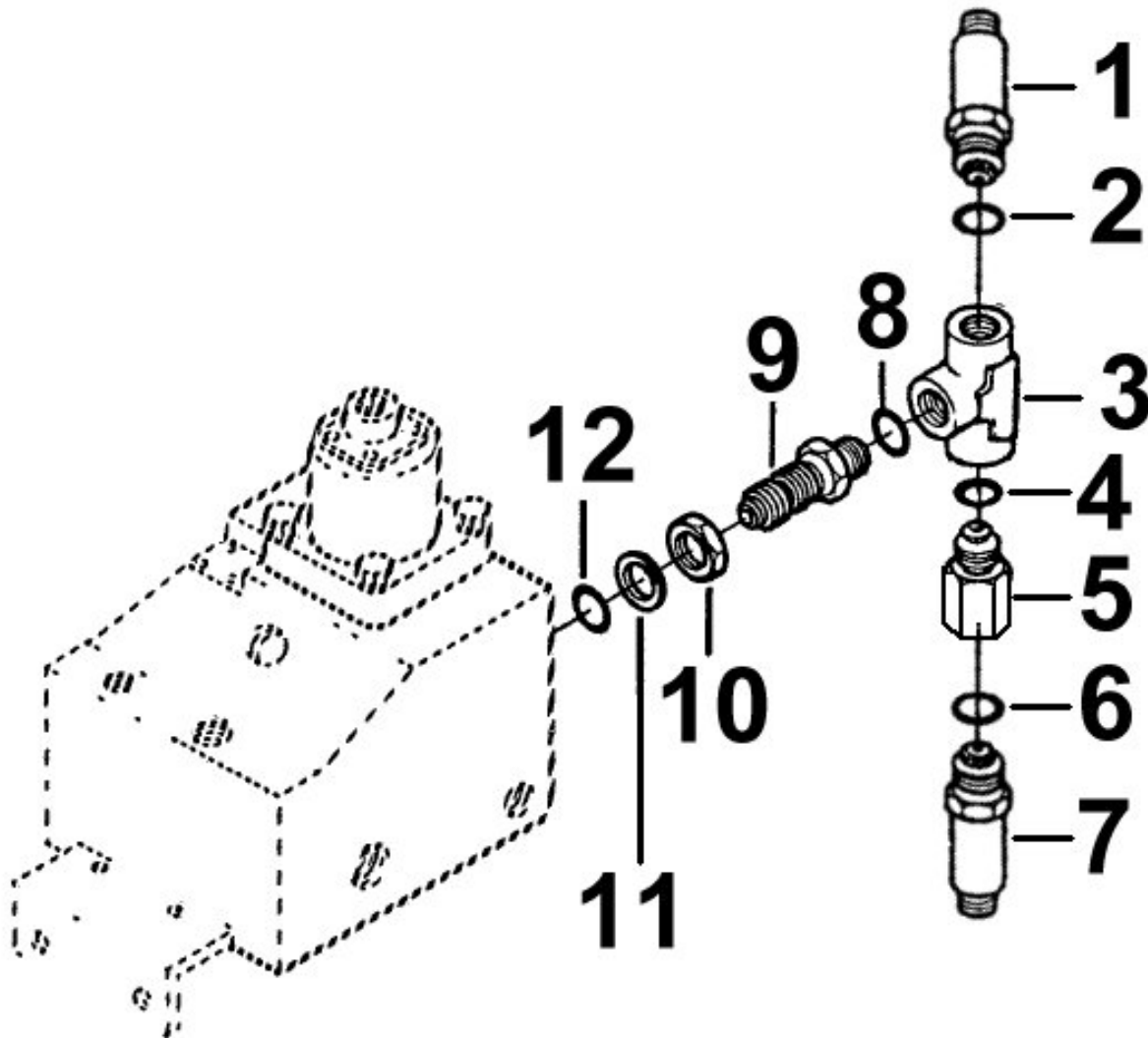


Figure 29-3 – Hydraulic System 1 Pressure Switch and Pressure Transducer Installation
(All S/N except 30817, 30687, and 30599)

29-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 29-3				
1	S206	Switch, HYD Pressure #1	1	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	B24	Transmitter, Hydraulic Pressure #1	1	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	

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

29-00-00

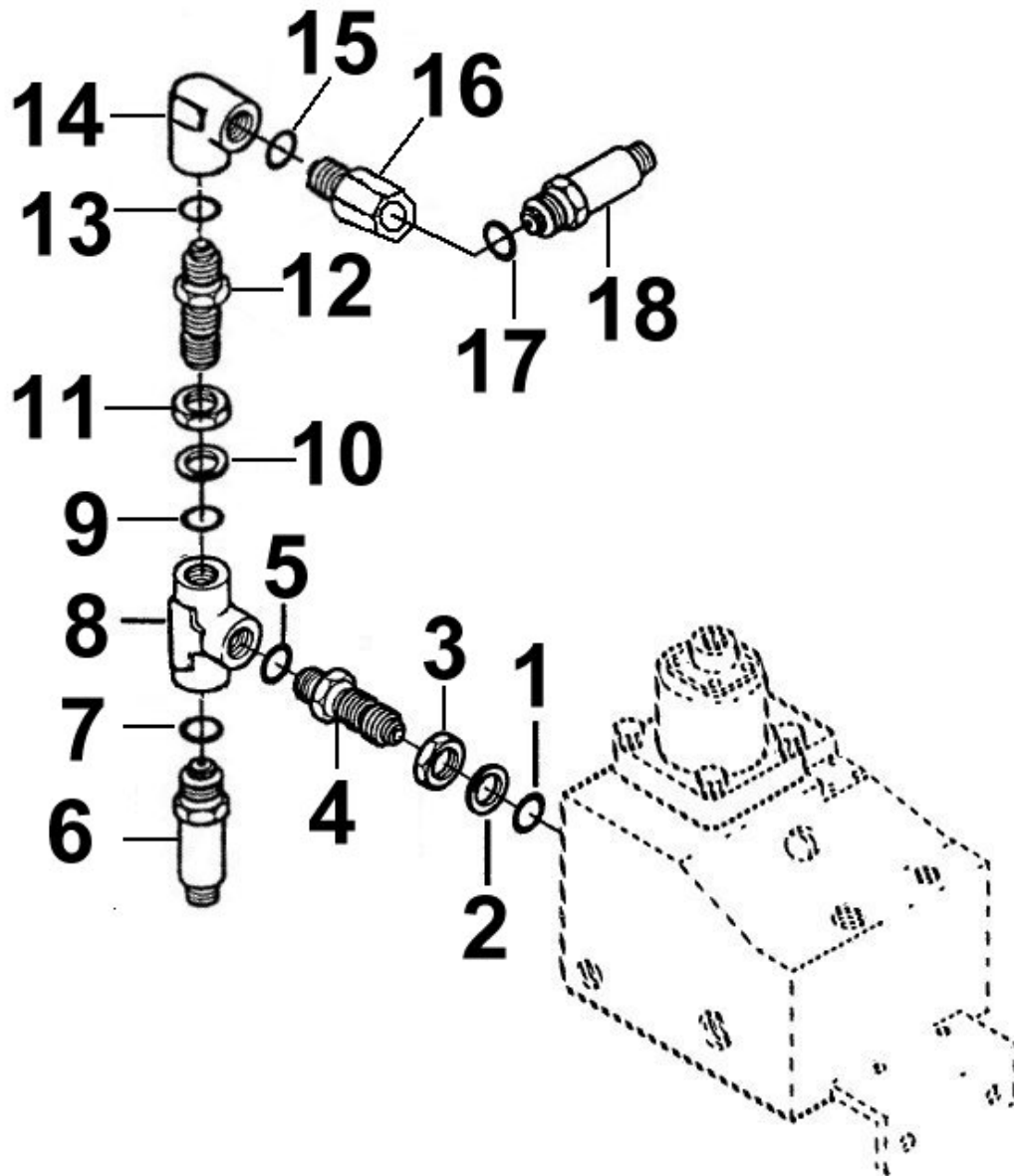


Figure 29-4 – Hydraulic System 2 Pressure Switch and Pressure Transducer Installation
(All S/N except 30817, 30687, and 30599)

29-00-00

Item	Part Number / Reference Designator	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	S207	Switch, HYD Pressure #2	1	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	B3	Pressure Transducer	1	1

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

29-00-00

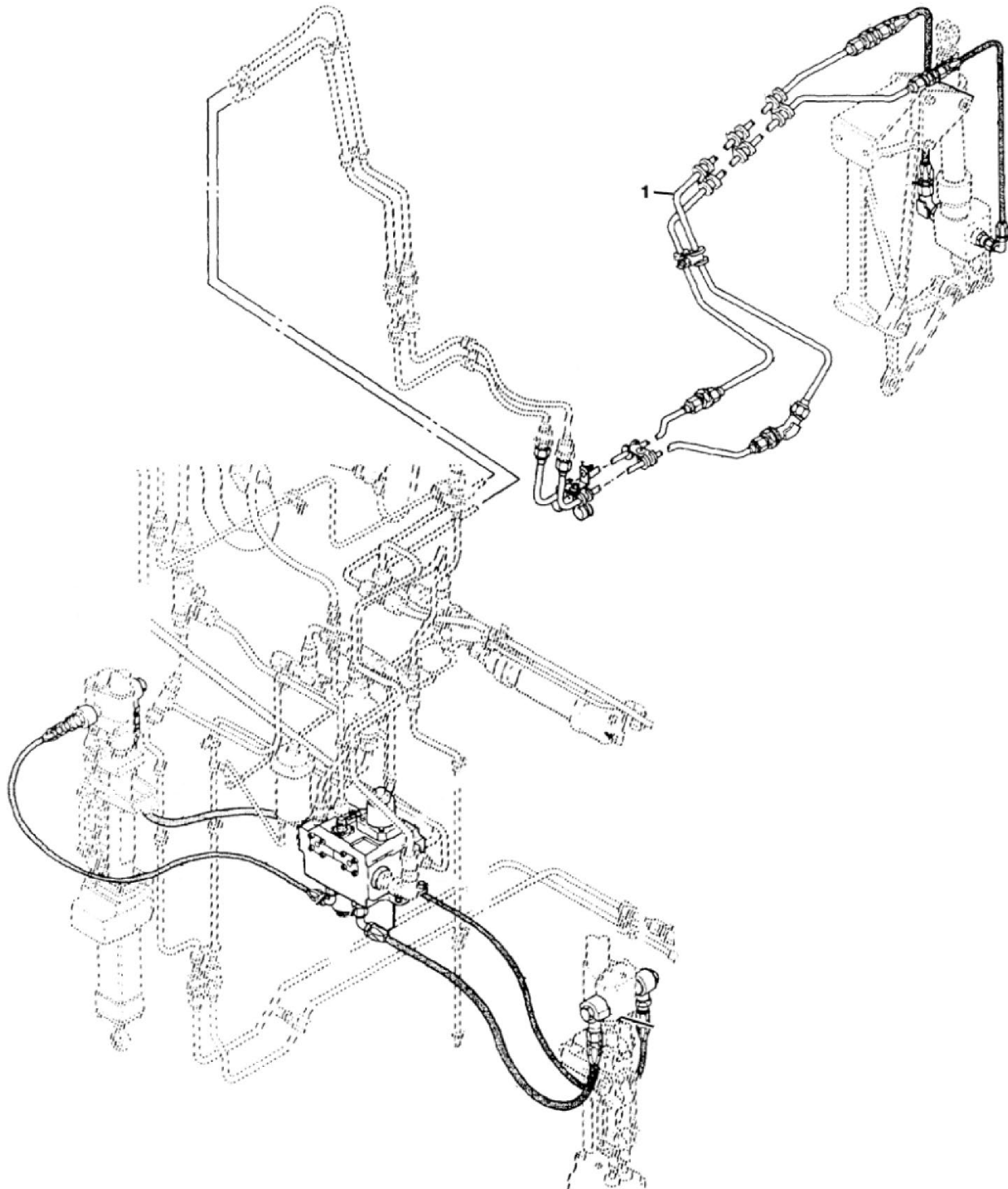


Figure 29-5 - Hydraulic System 1 Installation

29-00-00

Item	Part Number / Reference Designator	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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CHAPTER 53 – FUSELAGE (53-00-00)

LIST OF FIGURES

Figure 53-1 – Roof Assembly.....	3
Figure 53-2 – Engine Mount Installation	5
Figure 53-3 – Belly Skin Installation.....	7
Figure 53-4 – Belly Skin Installation.....	9
Figure 53-5 – Pylon Web	11
Figure 53-6 – Pylon Web	13
Figure 53-7 – Engine Deck (Sheet 1 of 2)	15
Figure 53-8 – Engine Deck (Sheet 2 of 2)	16
Figure 53-9 – Bulkhead Installation (Sheet 1 of 3)	18
Figure 53-10 – Bulkhead Installation (Sheet 2 of 3)	19
Figure 53-11 – Bulkhead Installation (Sheet 3 of 3)	20
Figure 53-12 – Drain Installation	22
Figure 53-13 – Bulkhead, Tension Rod, Support Installation and Bulkhead Detail (Sheet 1 of 2)	24
Figure 53-14 – Bulkhead, Tension Rod, Support Installation and Bulkhead Detail (Sheet 2 of 2)	25
Figure 53-15 – Engine Side Service Decks	27
Figure 53-16 – Bulkhead Installation	29
Figure 53-17 – Bulkhead Installation	31
Figure 53-18 – Bulkhead and Cover Installation	33
Figure 53-19 – Oil Cooler Support	35
Figure 53-20 – Engine Mount Detail	37
Figure 53-21 – Bulkhead Detail (Sheet 1 of 2).....	39
Figure 53-22 – Bulkhead Detail (Sheet 2 of 2).....	40
Figure 53-23 – Idle Stop Mount	42
Figure 53-24 – Oil Cooler Installation	44
Figure 53-25 – D212-725-1-061 Bracket Installation	46
Figure 53-26 – Vent Tube Installation.....	48
Figure 53-27 – Vent Tube Installation.....	50
Figure 53-28 – D212-725-1-201 Doubler Installation	52
Figure 53-29 – D212-725-1-939 Tail Pipe Shield	54
Figure 53-30 – Roof Installation (Sheet 1 of 2).....	56
Figure 53-31 – Roof Installation, Cabin (Sheet 2 of 2)	57
Figure 53-32 – Beam assembly, BL 14.00, LH.....	59
Figure 53-33 – Beam assembly, BL 14.00, RH	60
Figure 53-34 – Instrument Panel Assembly.....	62
Figure 53-35 – Instrument Panel Assembly.....	64
Figure 53-36 – Cannon Plug Brackets Installation	66
Figure 53-37 – Transistor Brackets Installation	67
Figure 53-38 – Tailboom	69

53-00-00

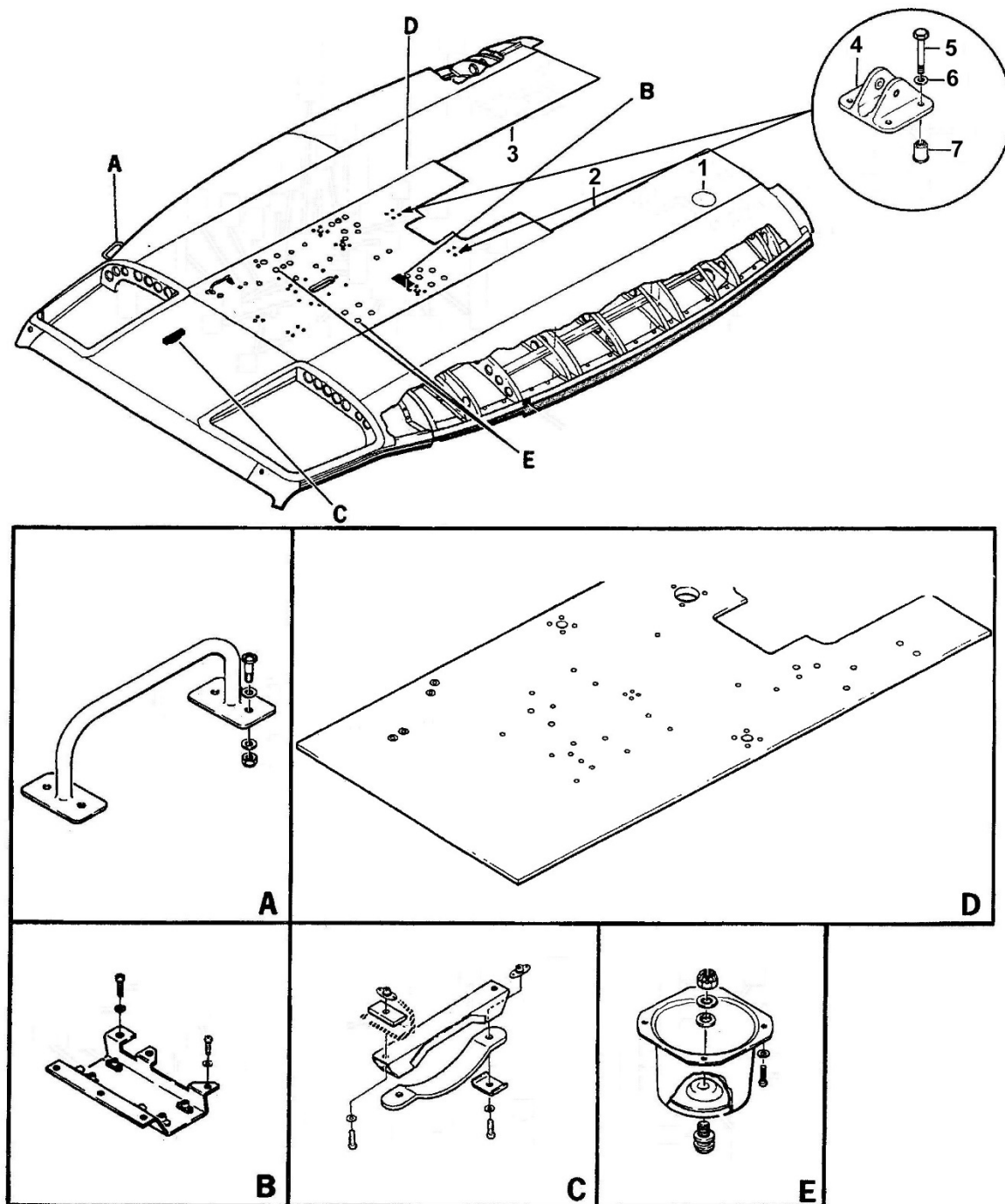


Figure 53-1 – Roof Assembly

53-00-00

Item	Part Number / Reference Designator	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

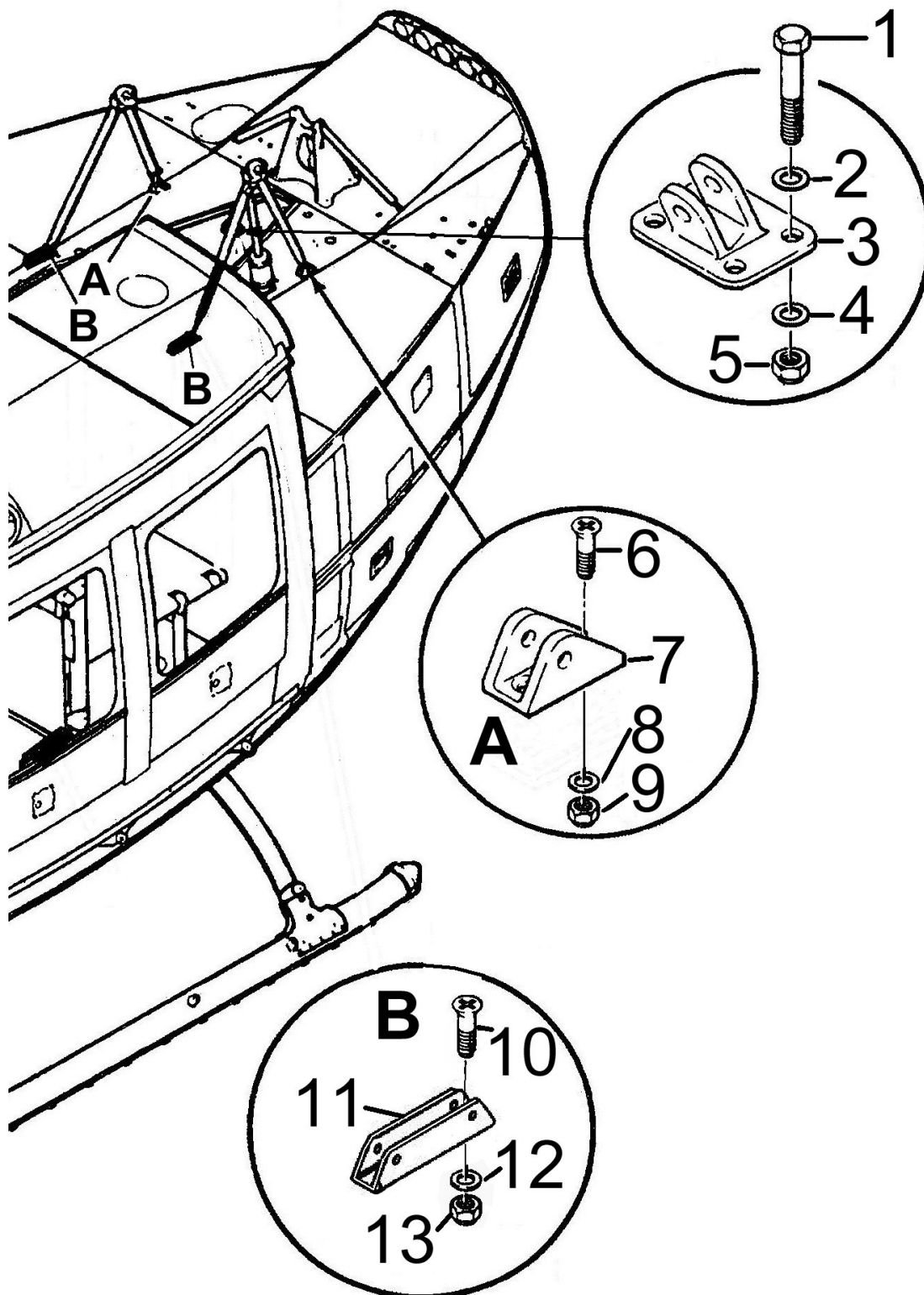


Figure 53-2 – Engine Mount Installation

53-00-00

Item	Part Number / Reference Designator	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

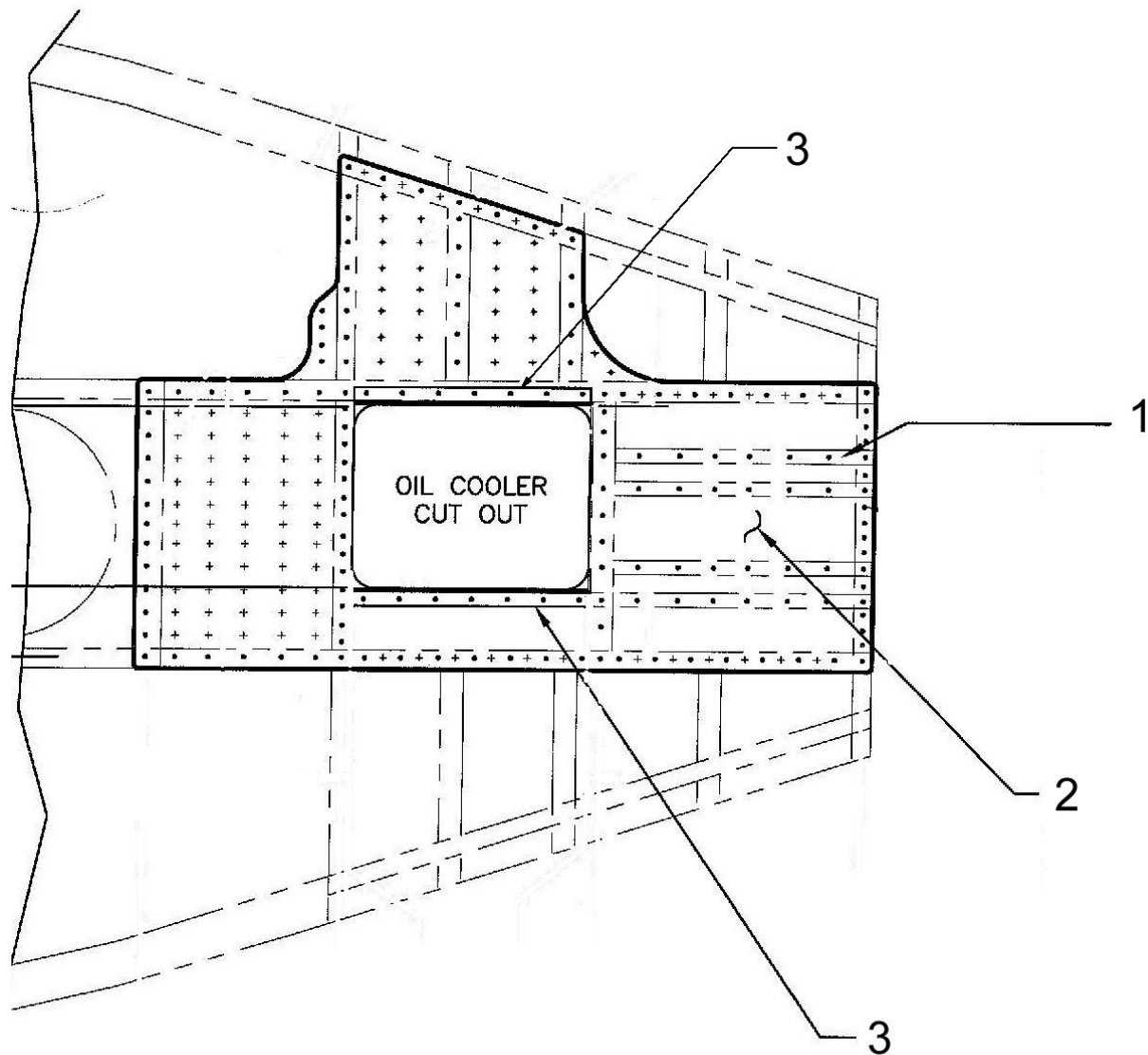


Figure 53-3 – Belly Skin Installation

53-00-00

Item	Part Number / Reference Designator	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

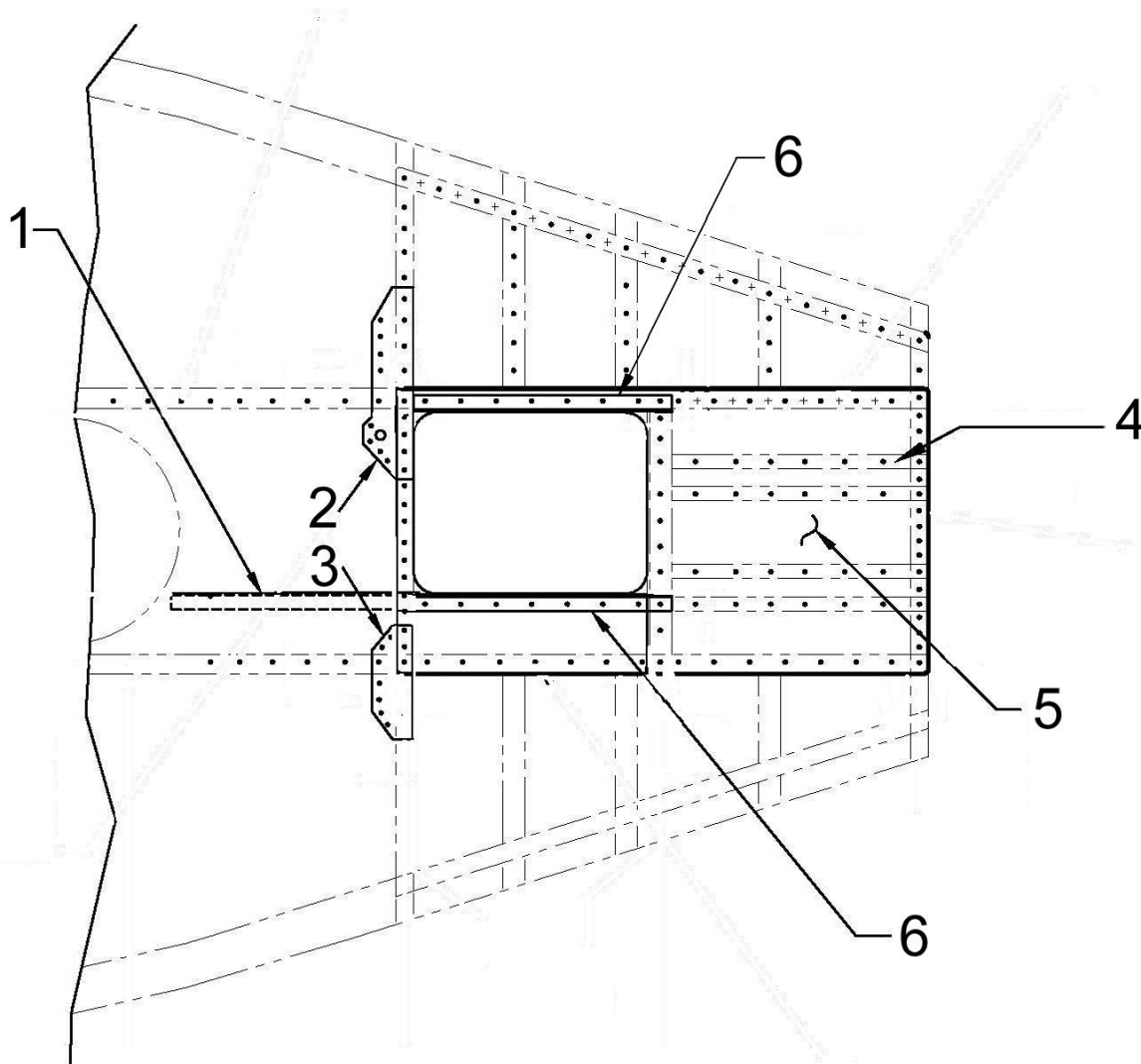


Figure 53-4 – Belly Skin Installation

53-00-00

Item	Part Number / Reference Designator	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

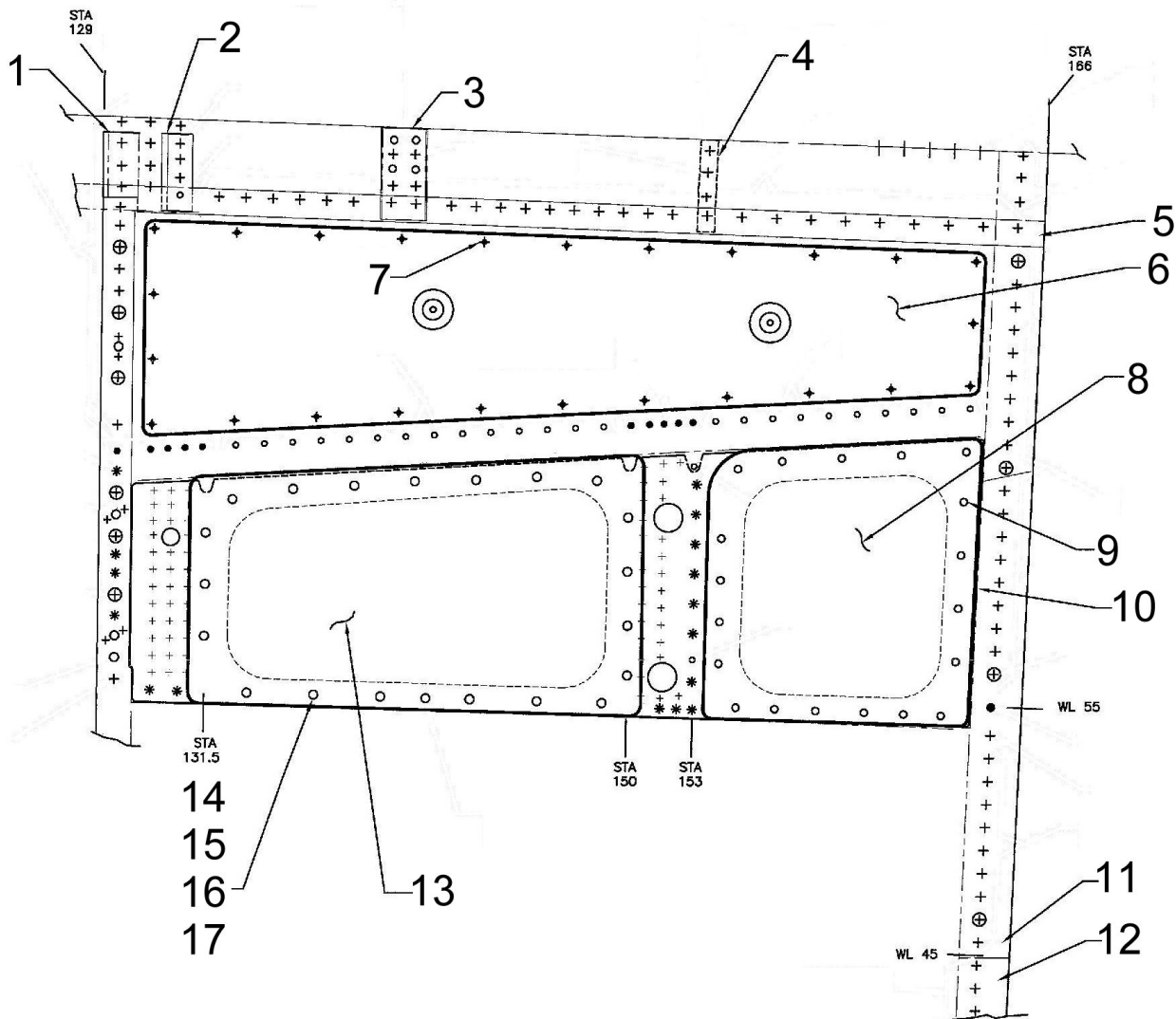


Figure 53-5 – Pylon Web

53-00-00

Item	Part Number / Reference Designator	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

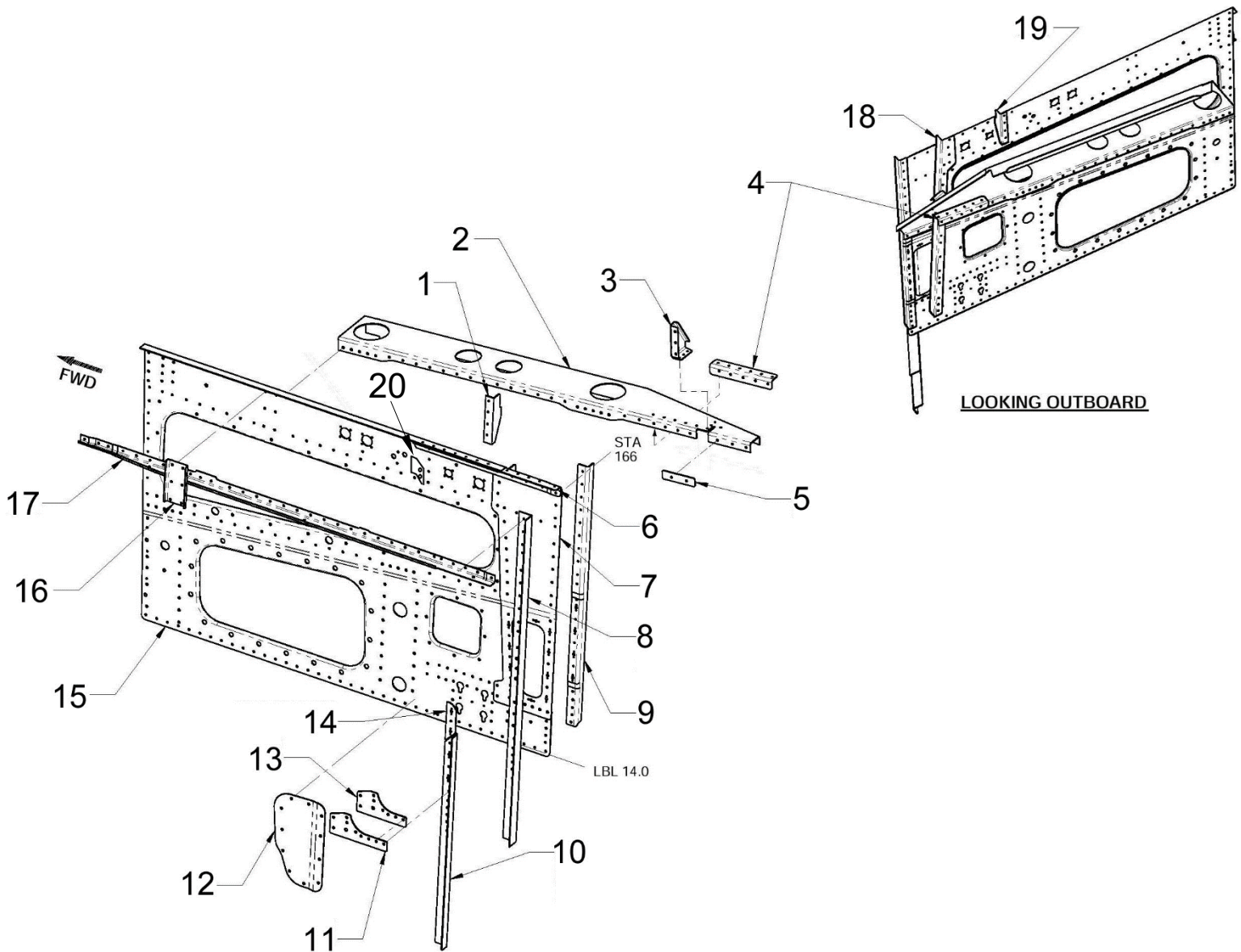


Figure 53-6 – Pylon Web

53-00-00

Item	Part Number / Reference Designator	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

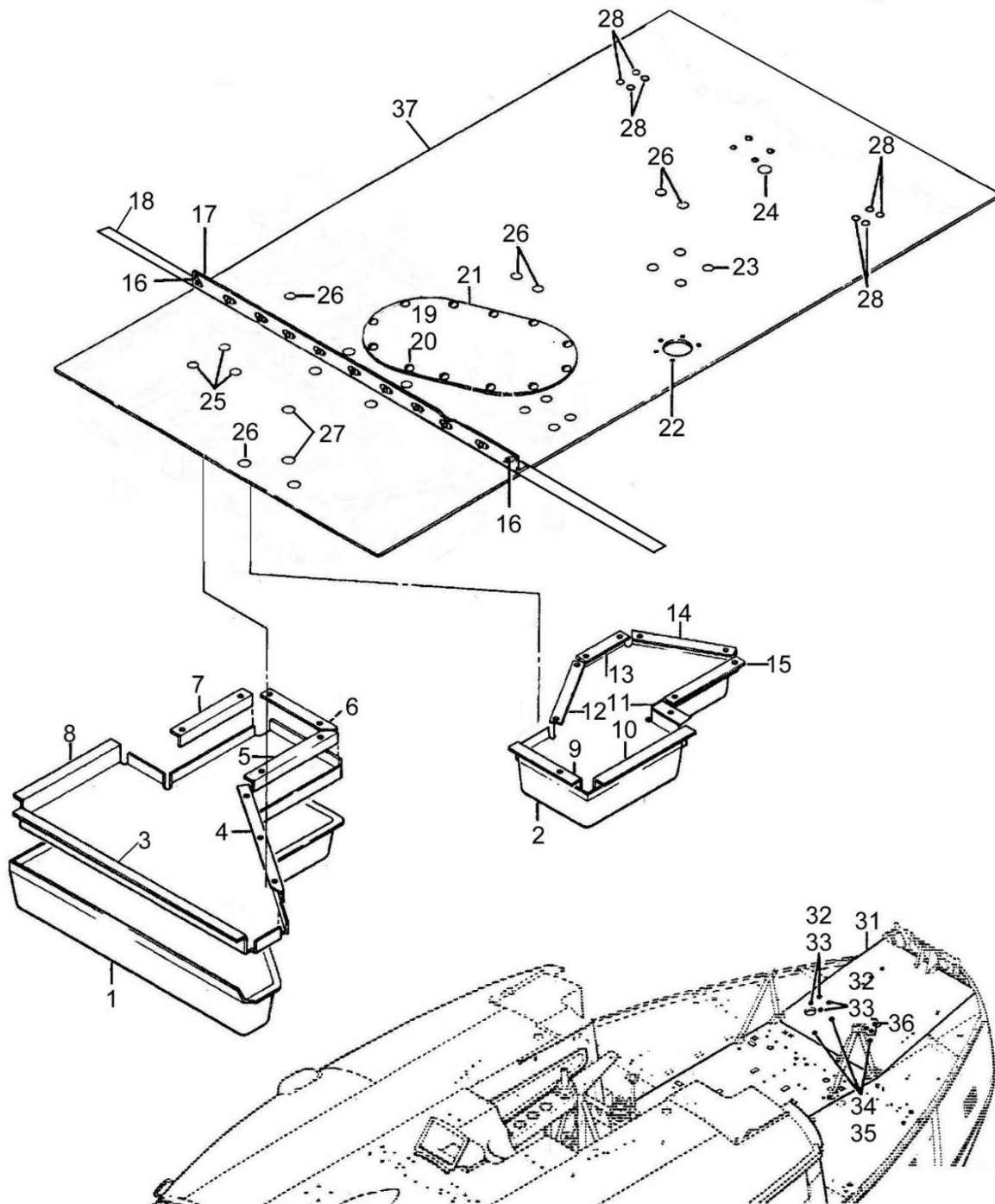


Figure 53-7 – Engine Deck (Sheet 1 of 2)

53-00-00

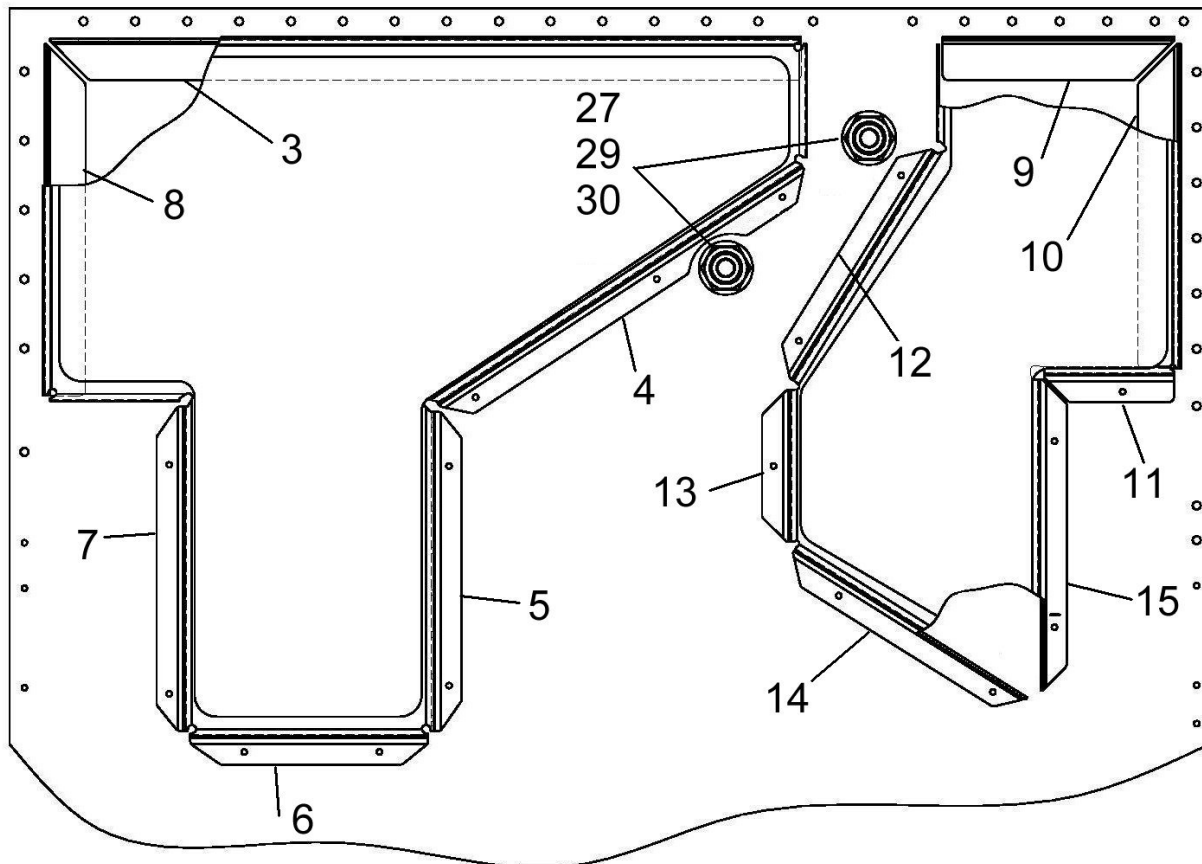


Figure 53-8 – Engine Deck (Sheet 2 of 2)

53-00-00

Item	Part Number / Reference Designator	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

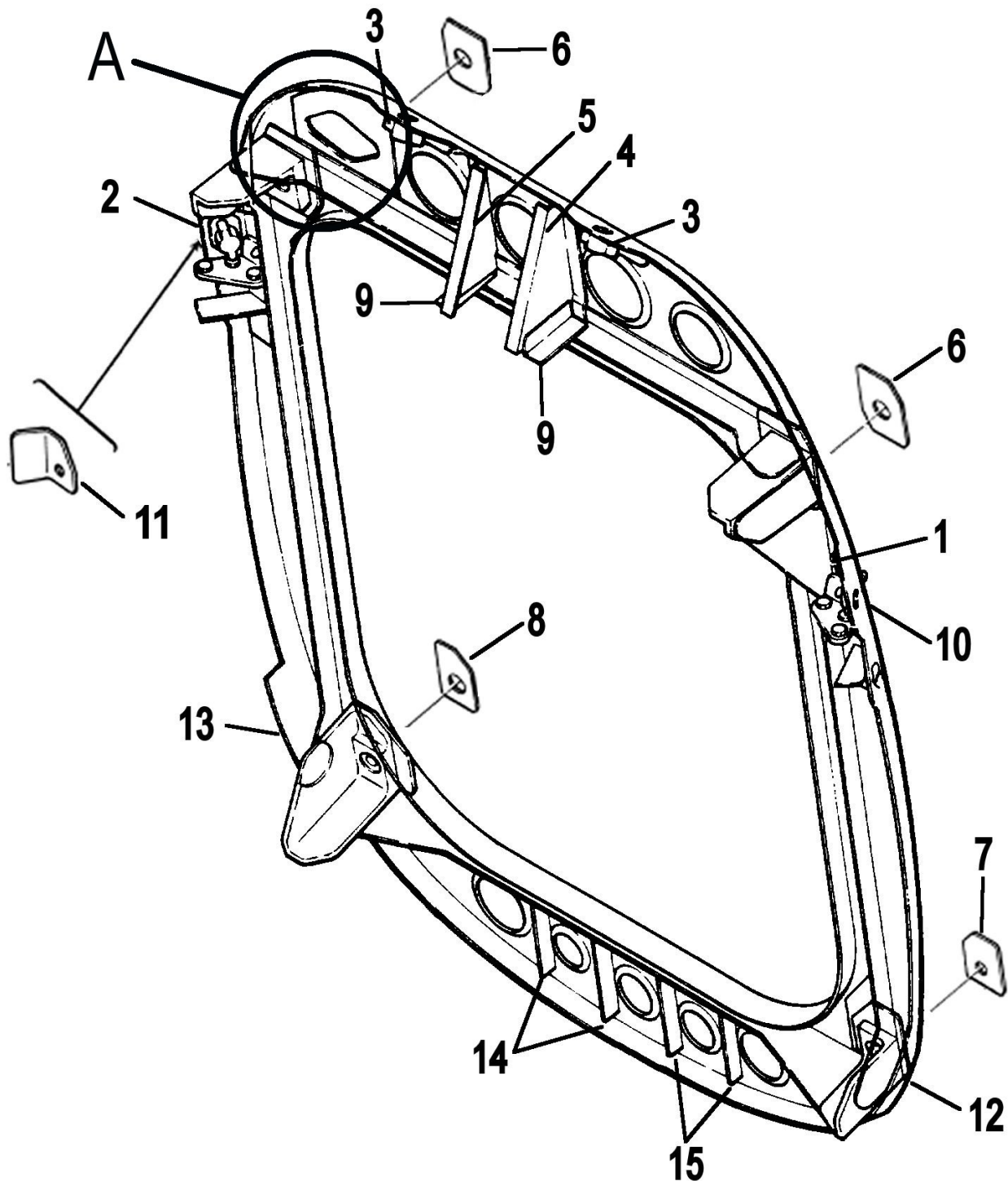


Figure 53-9 - Bulkhead Installation (Sheet 1 of 3)

53-00-00

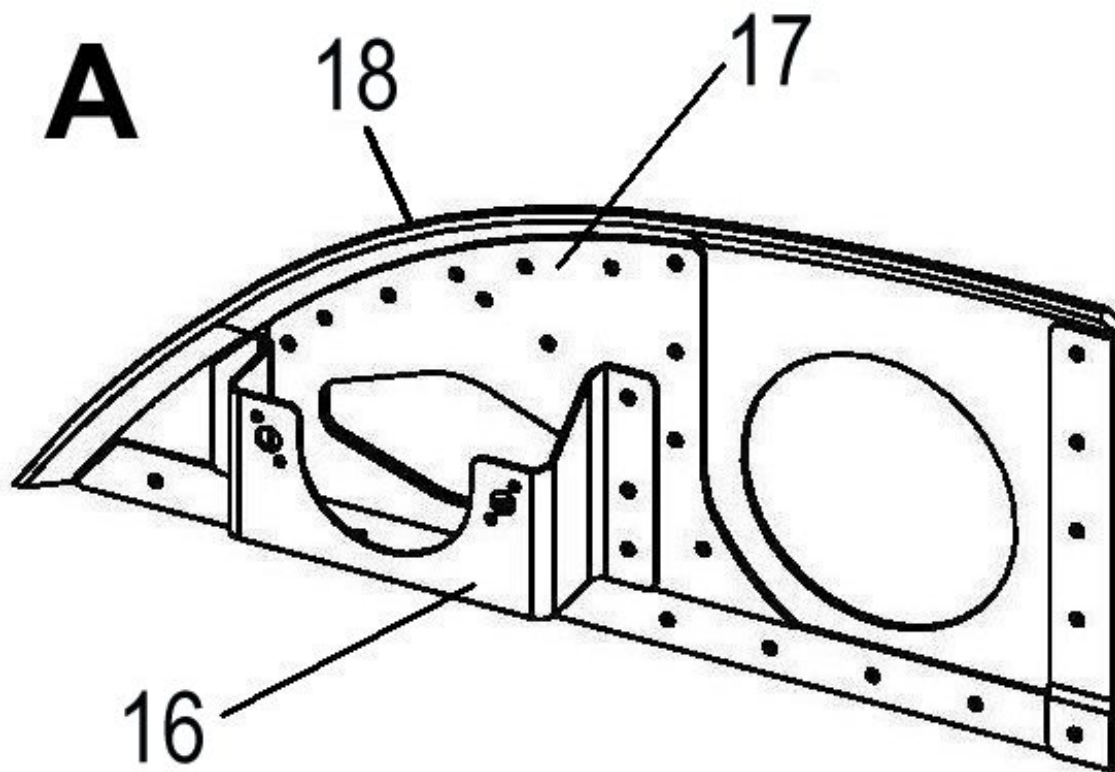


Figure 53-10 - Bulkhead Installation (Sheet 2 of 3)

53-00-00

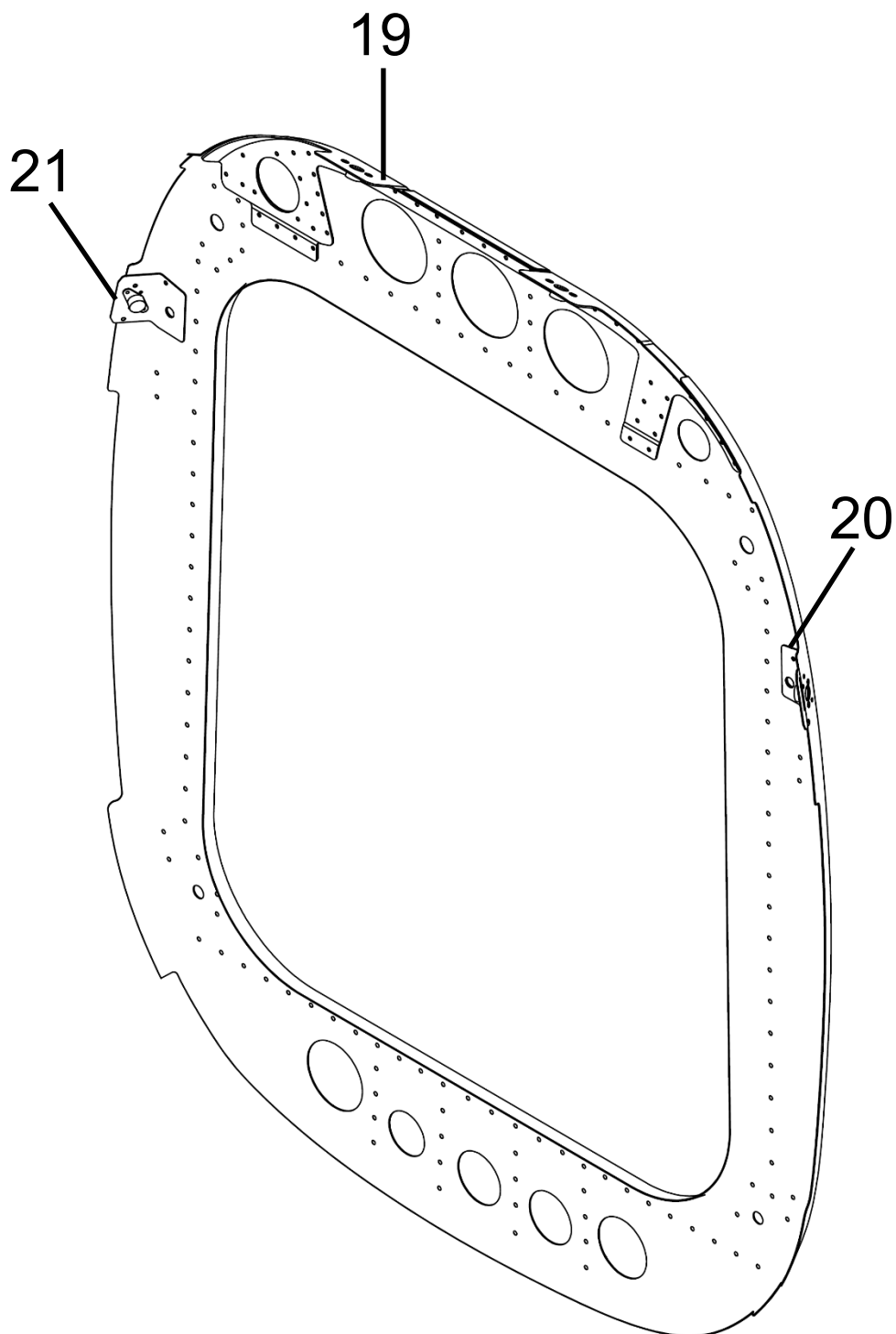


Figure 53-11 – Bulkhead Installation (Sheet 3 of 3)

53-00-00

Item	Part Number / Reference Designator	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

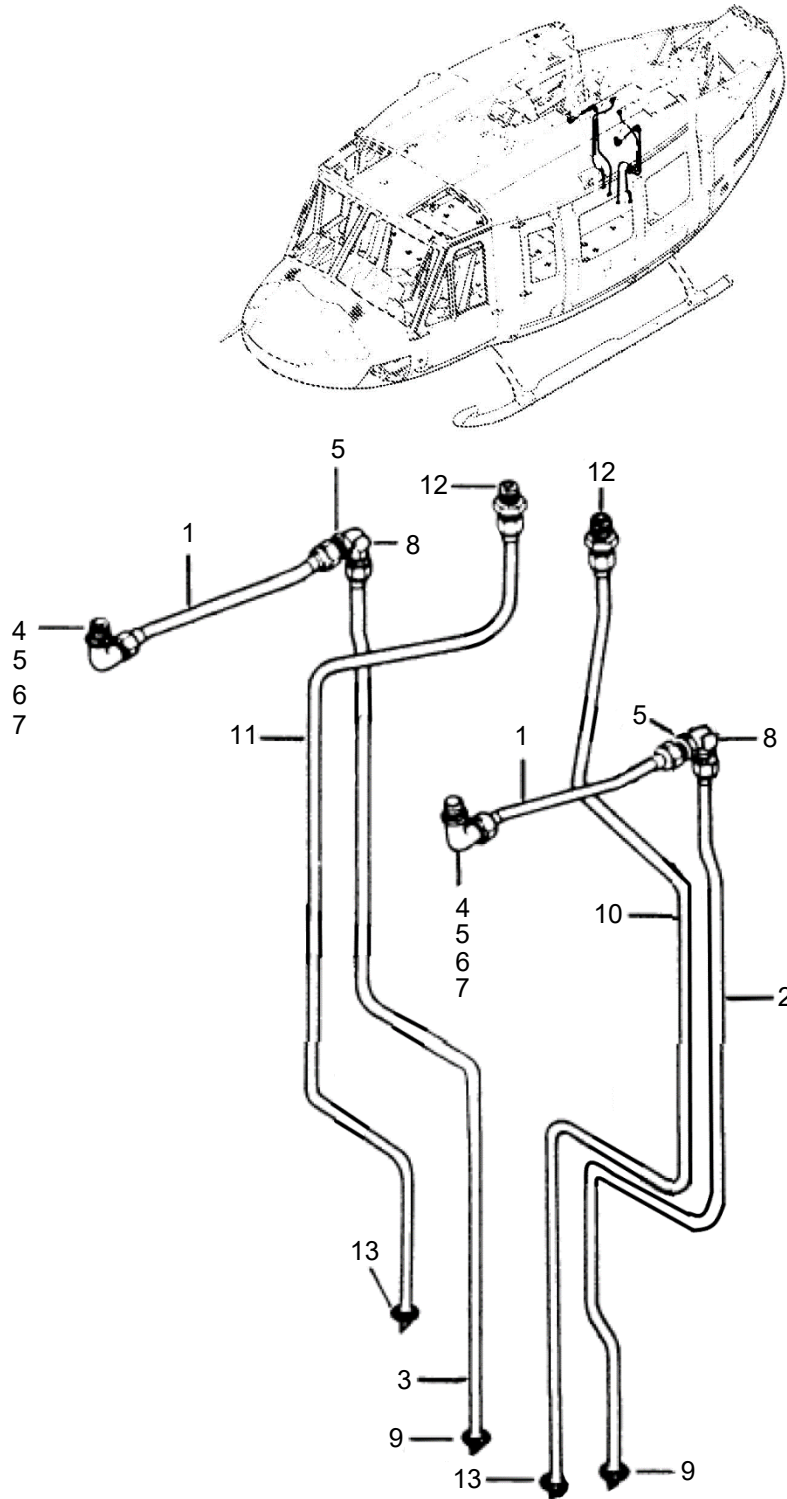


Figure 53-12 – Drain Installation

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-12				
1	D212-725-1-903	Tube Assembly	2	
2	212-030-321-001	Tube Assembly	1	
3	212-030-322-001	Tube Assembly	1	
4	212-030-323-003	Fitting	2	
5	AN924-10J	Nut	4	
6	AN939-10J	Elbow	2	
7	AN815-10J	Union	2	
8	AN833-10J	Elbow	2	
9	MS35489-17	Grommet	2	
10	E212-3002-043	Deck Drain Tube Assembly	1	1
10	D212-725-1-935	Tube Assembly (Alternate Part)	1	
10	205-032-211-001	Tube Assembly (Alternate Part)	1	
11	205-032-212-001	Tube Assembly	1	
12	D212-725-1-255	Union	2	1
12	204-032-680-001	Union (Alternate Part)	2	
12	212-030-024-001	Union (Alternate Part)	2	
13	MS35489-14	Grommet	2	

UOC Code

1 – Preferred for new builds and replacements

53-00-00

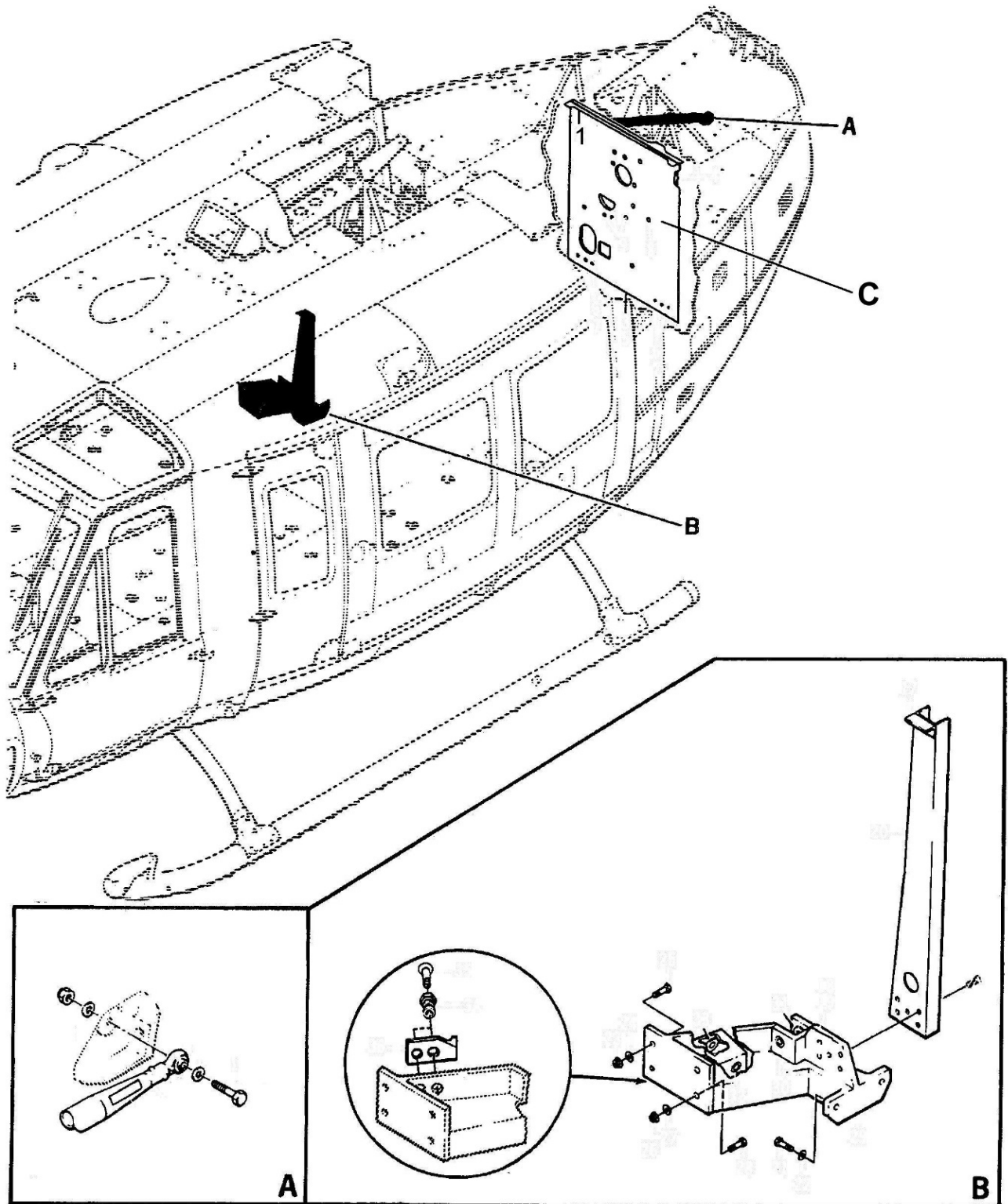


Figure 53-13 – Bulkhead, Tension Rod, Support Installation and Bulkhead Detail (Sheet 1 of 2)

53-00-00

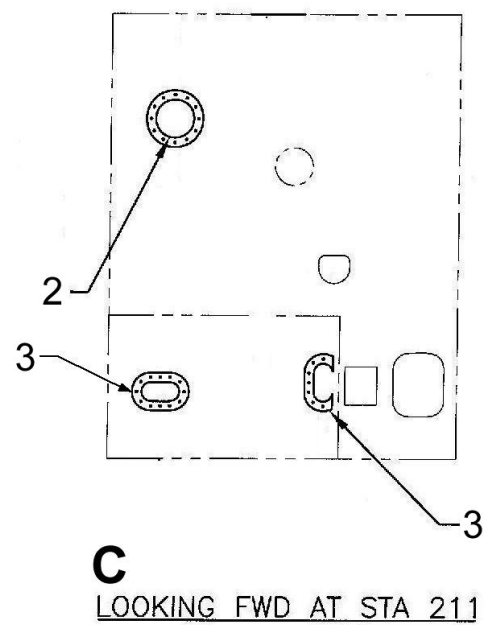
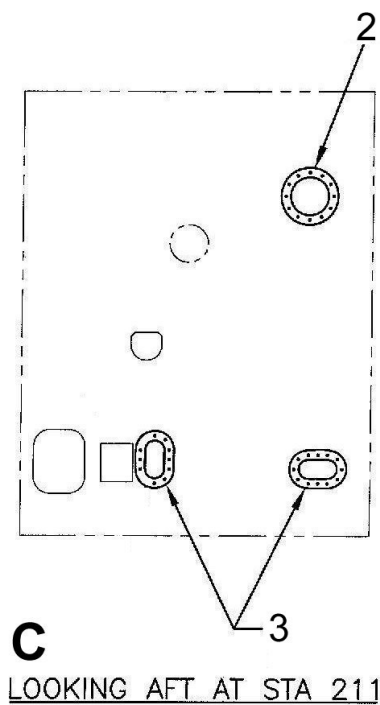


Figure 53-14 – Bulkhead, Tension Rod, Support Installation and Bulkhead Detail (Sheet 2 of 2)

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-13 and Figure 53-14				
1	D212-725-1-069	Angle	1	
2	D212-725-1-103	Doubler	2	
3	D212-725-1-005	Doubler	4	

53-00-00

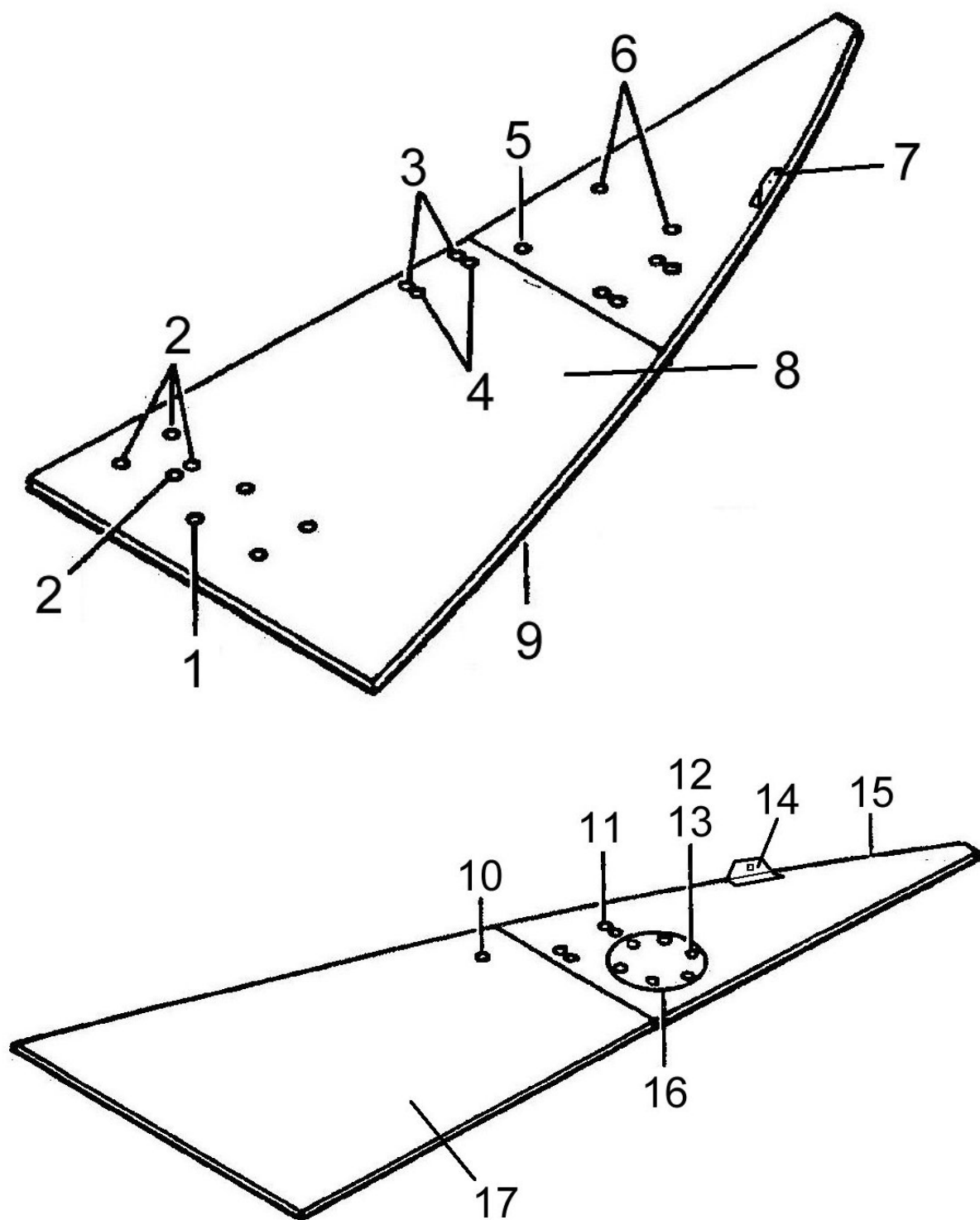


Figure 53-15 – Engine Side Service Decks

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-15				
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

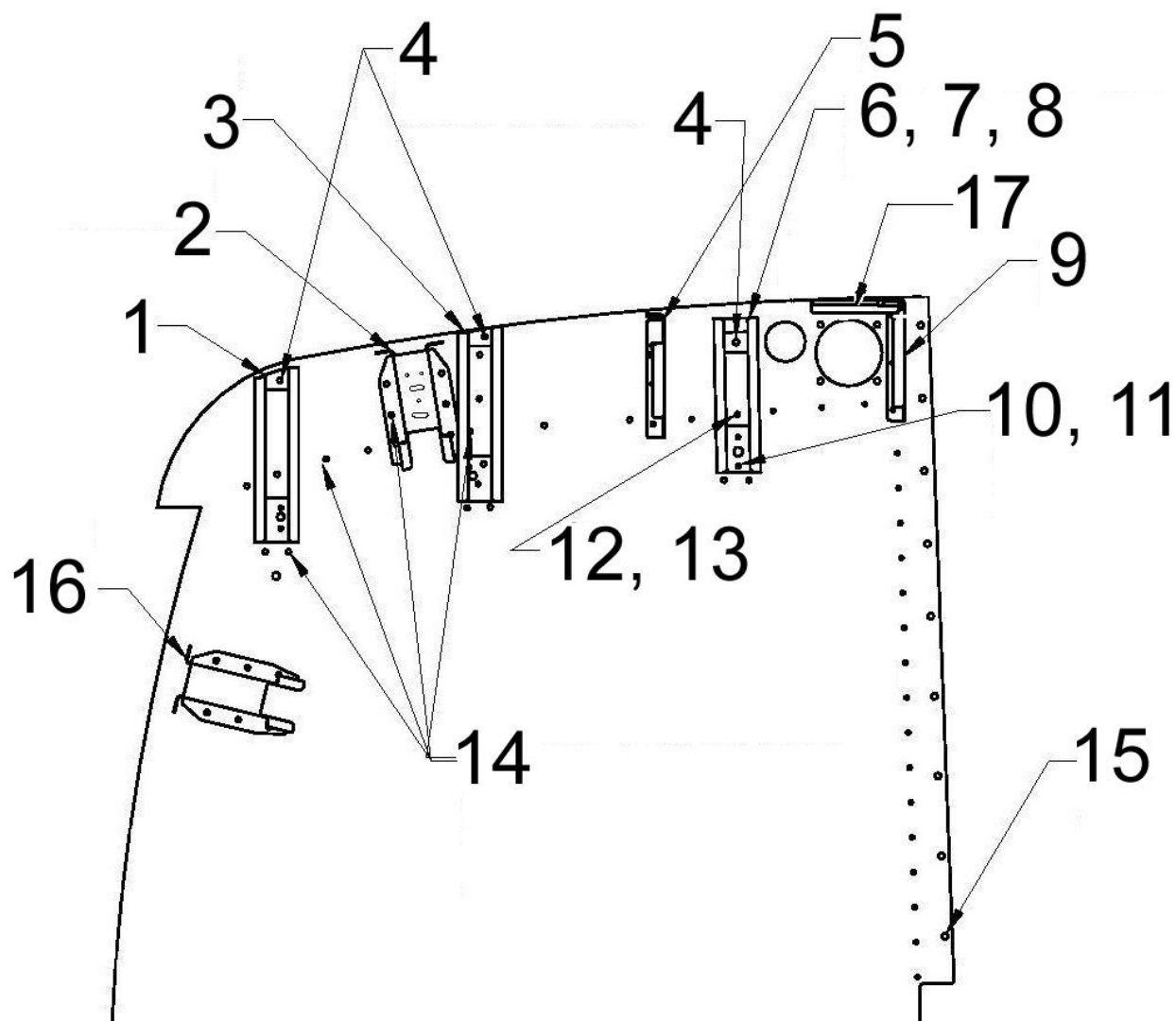


Figure 53-16 – Bulkhead Installation

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-16				
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

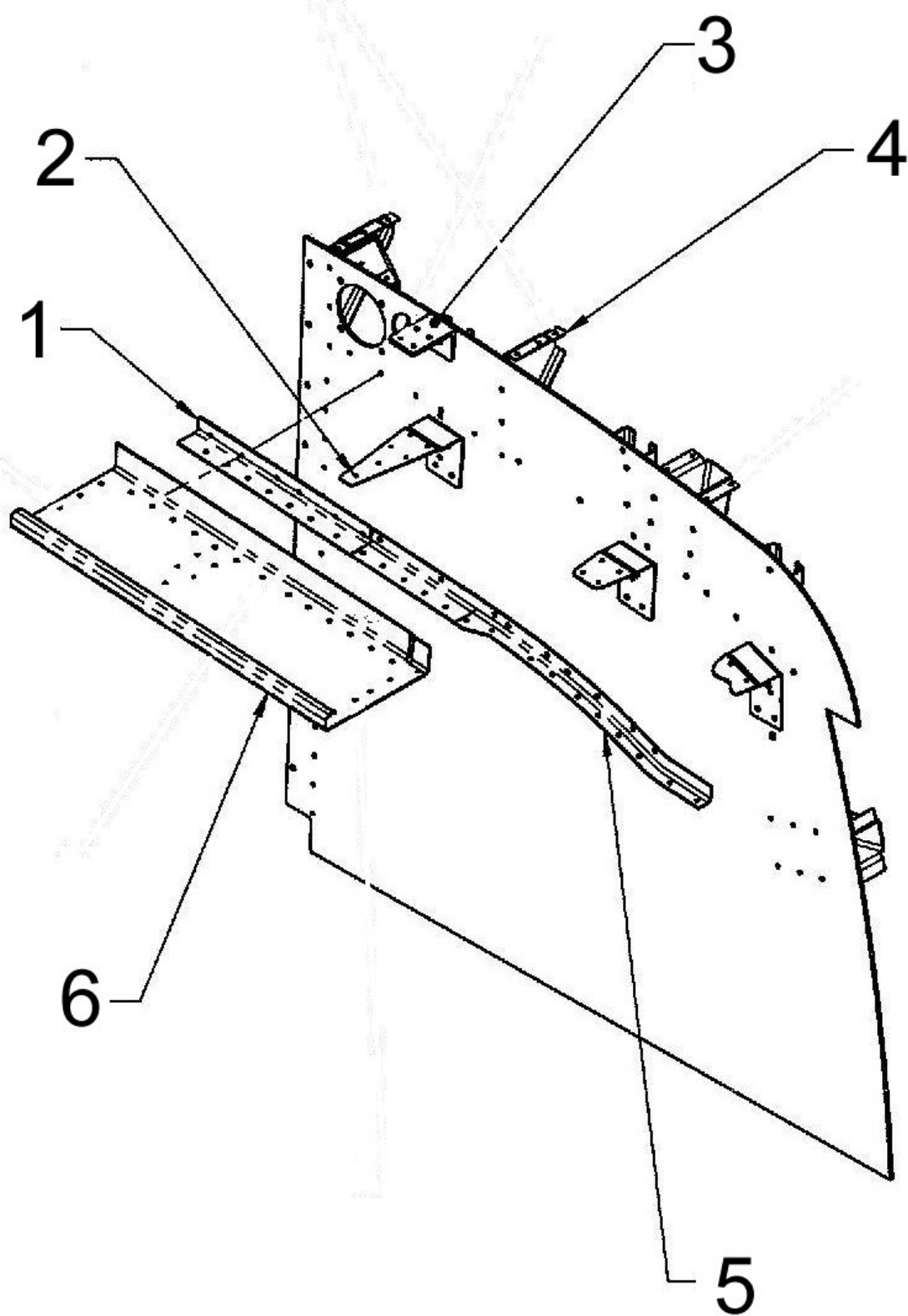


Figure 53-17 – Bulkhead Installation

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-17				
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

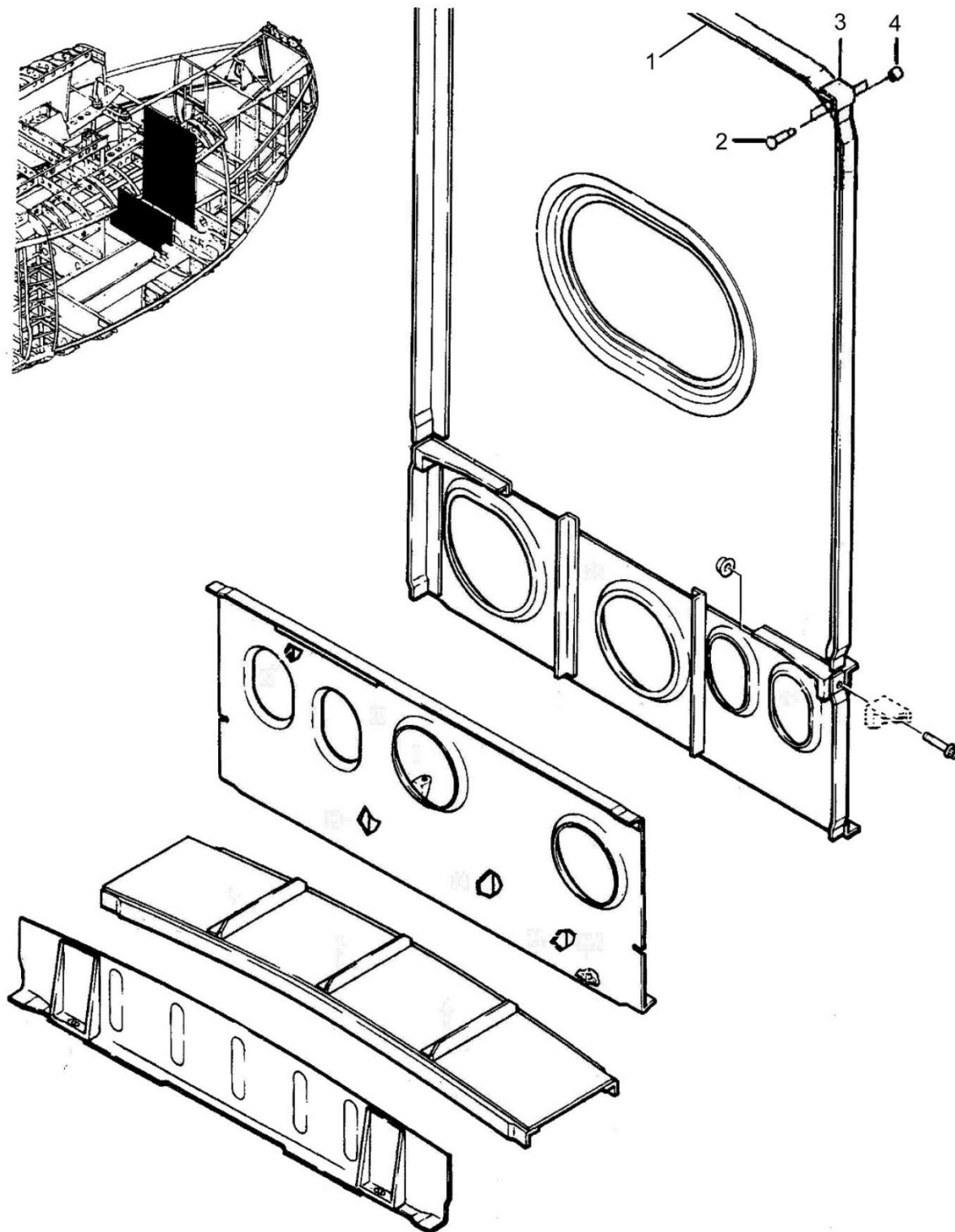


Figure 53-18 – Bulkhead and Cover Installation

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-18				
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

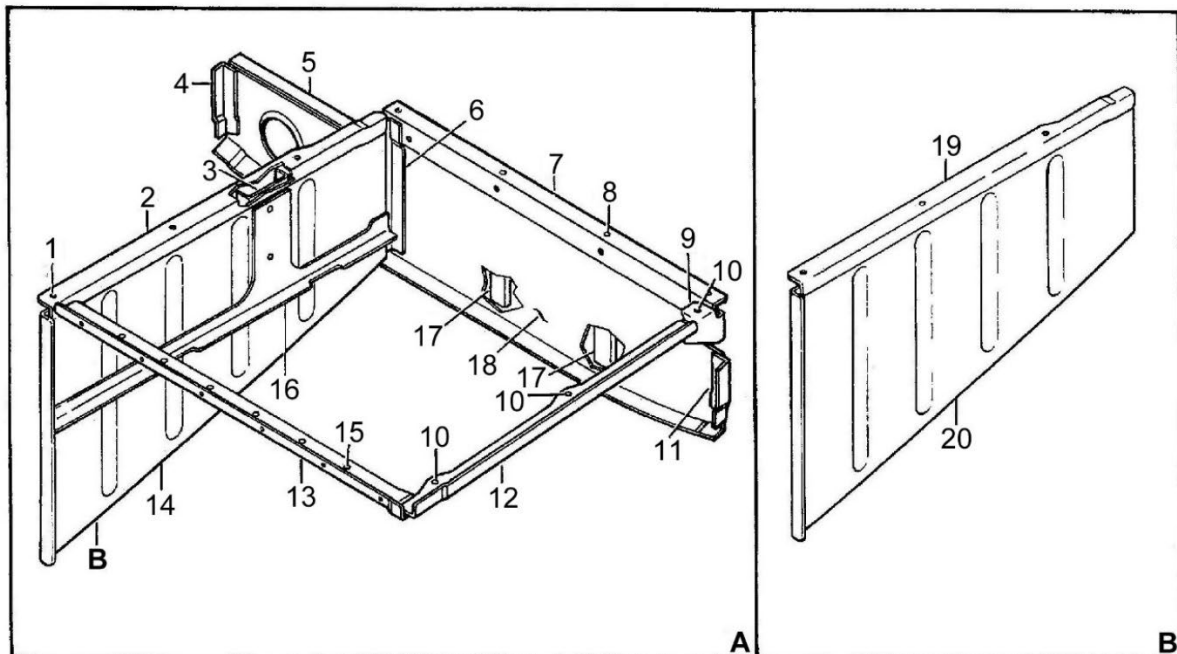
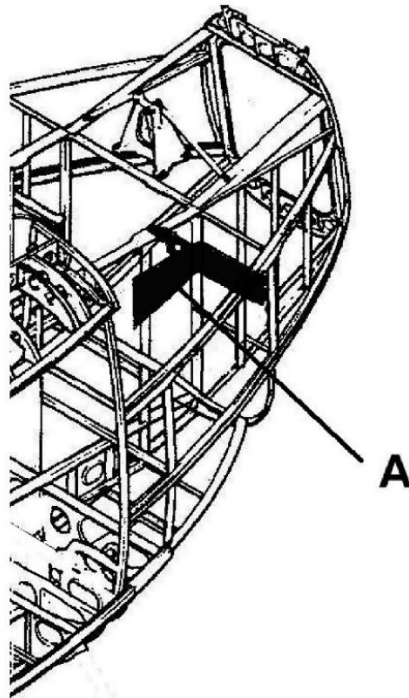


Figure 53-19 – Oil Cooler Support

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-19				
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

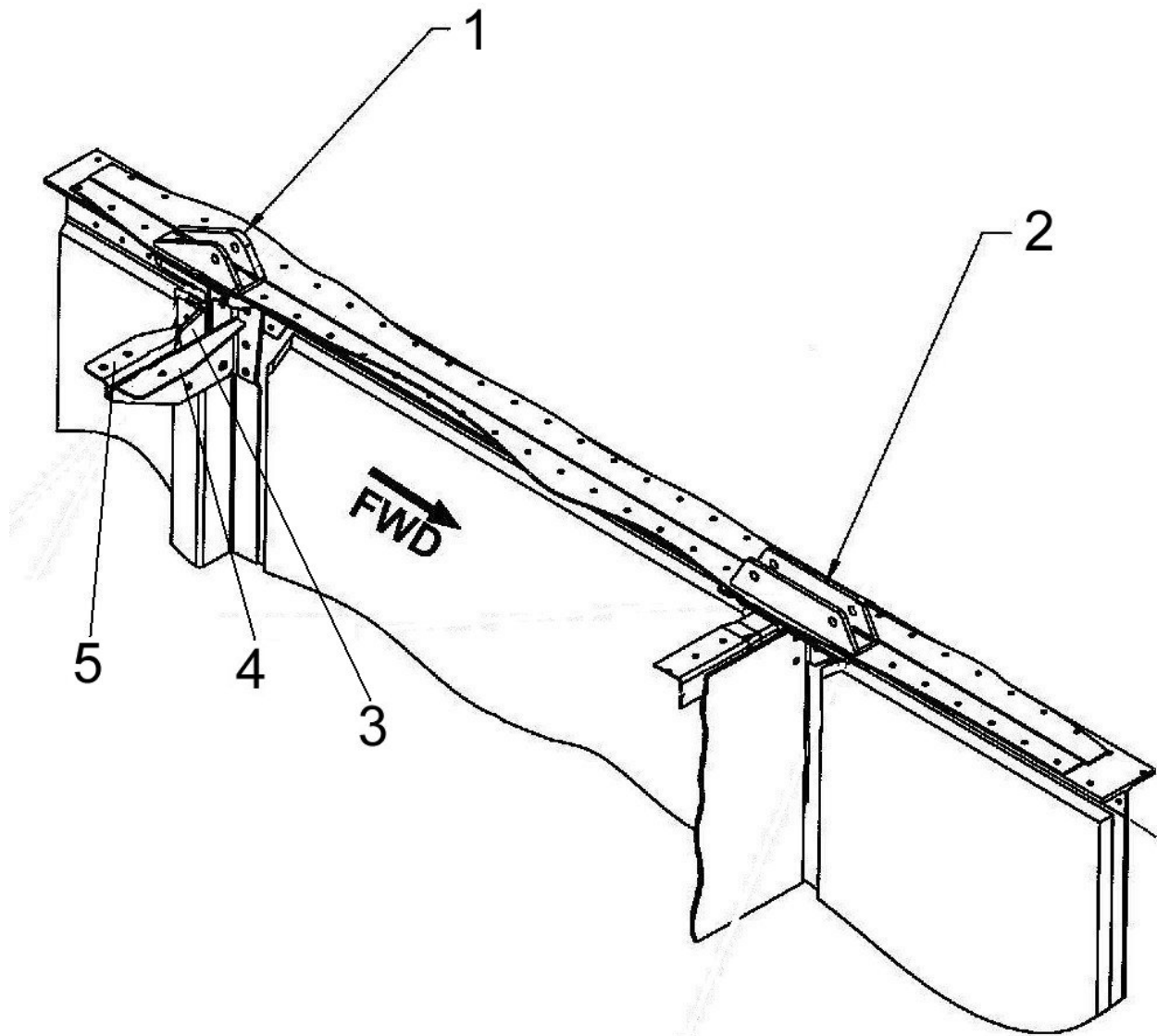


Figure 53-20 – Engine Mount Detail

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-20				
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

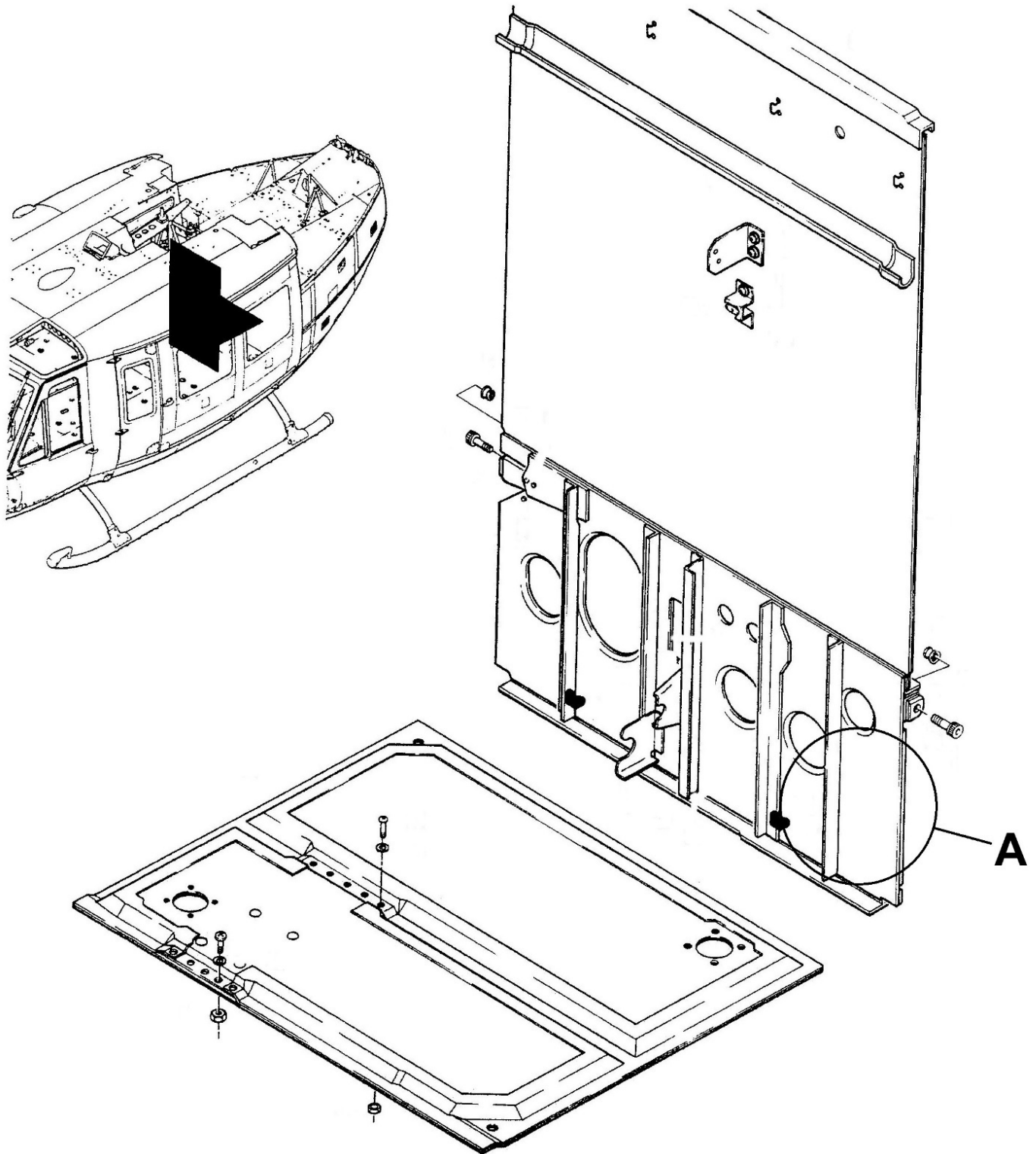


Figure 53-21 – Bulkhead Detail (Sheet 1 of 2)

53-00-00

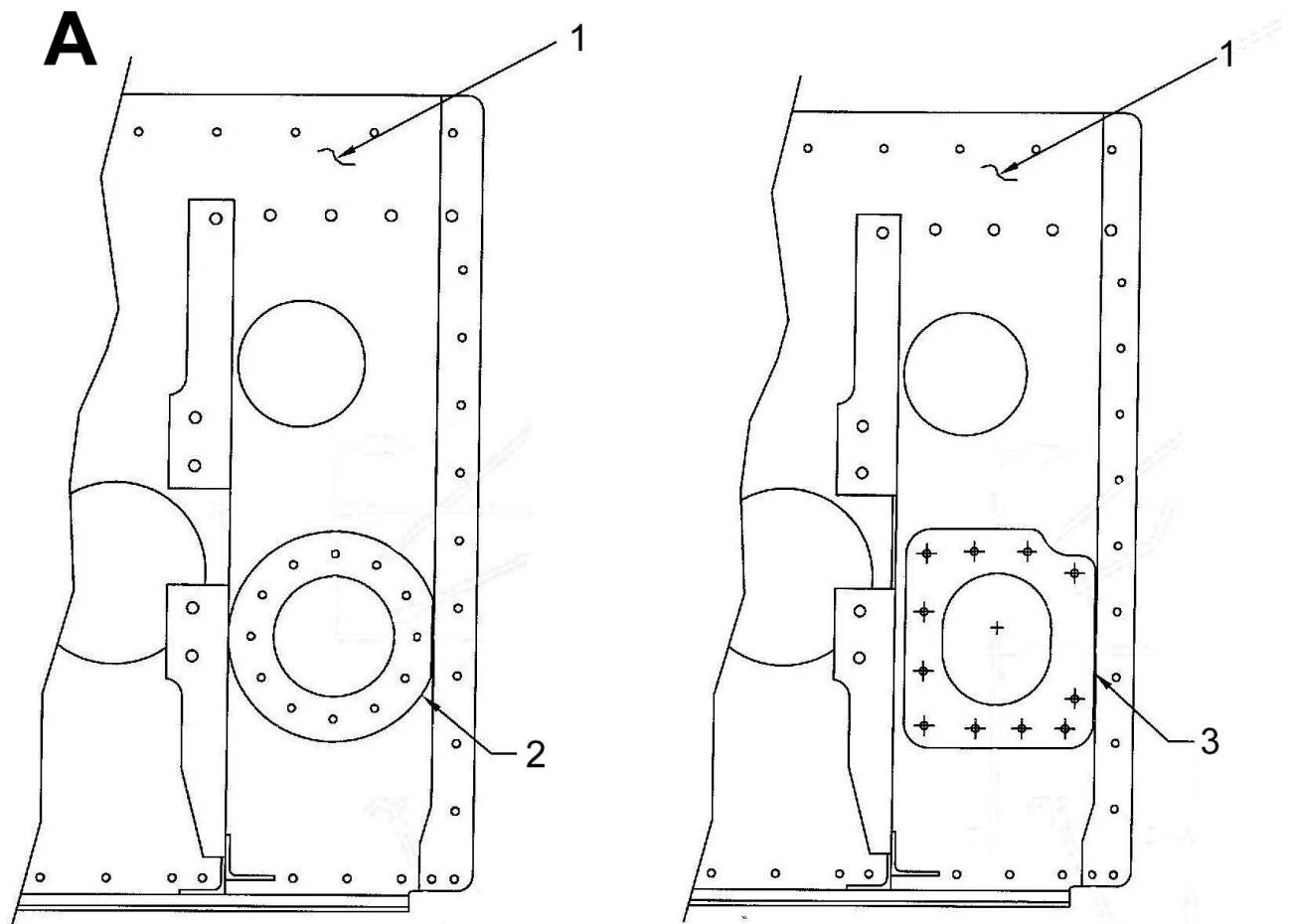


Figure 53-22 – Bulkhead Detail (Sheet 2 of 2)

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-21 and Figure 53-22				
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

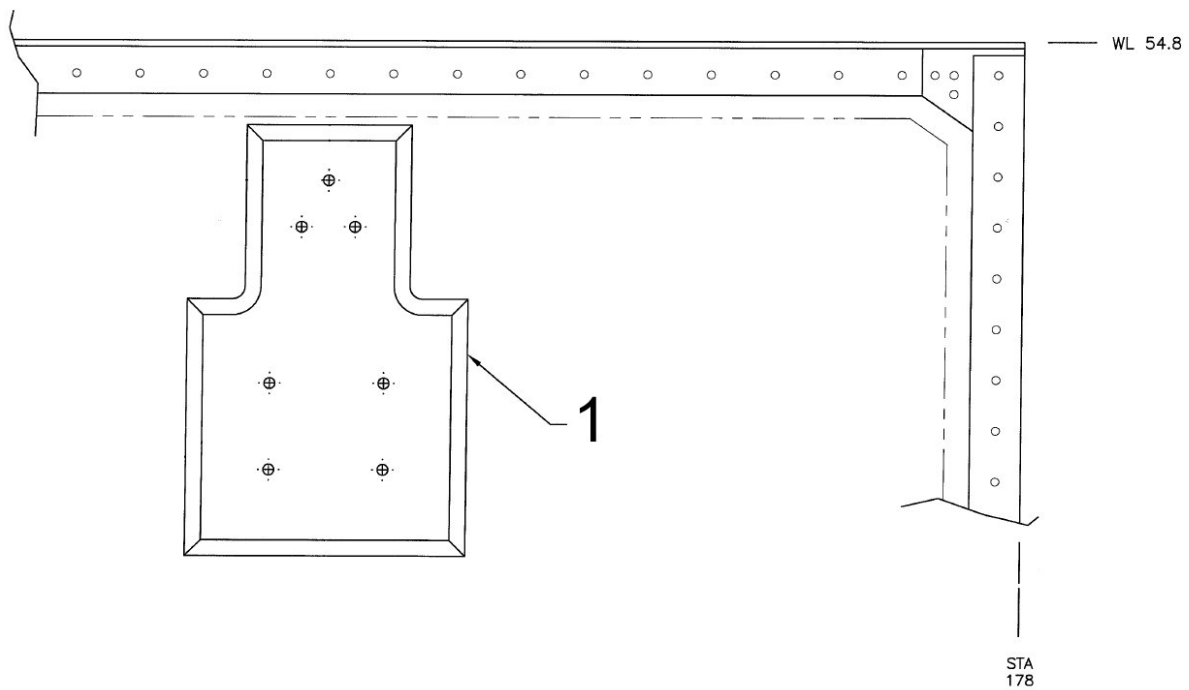


Figure 53-23 – Idle Stop Mount

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-23				
1	D212-725-1-009	Idle Stop Mount	1	

53-00-00

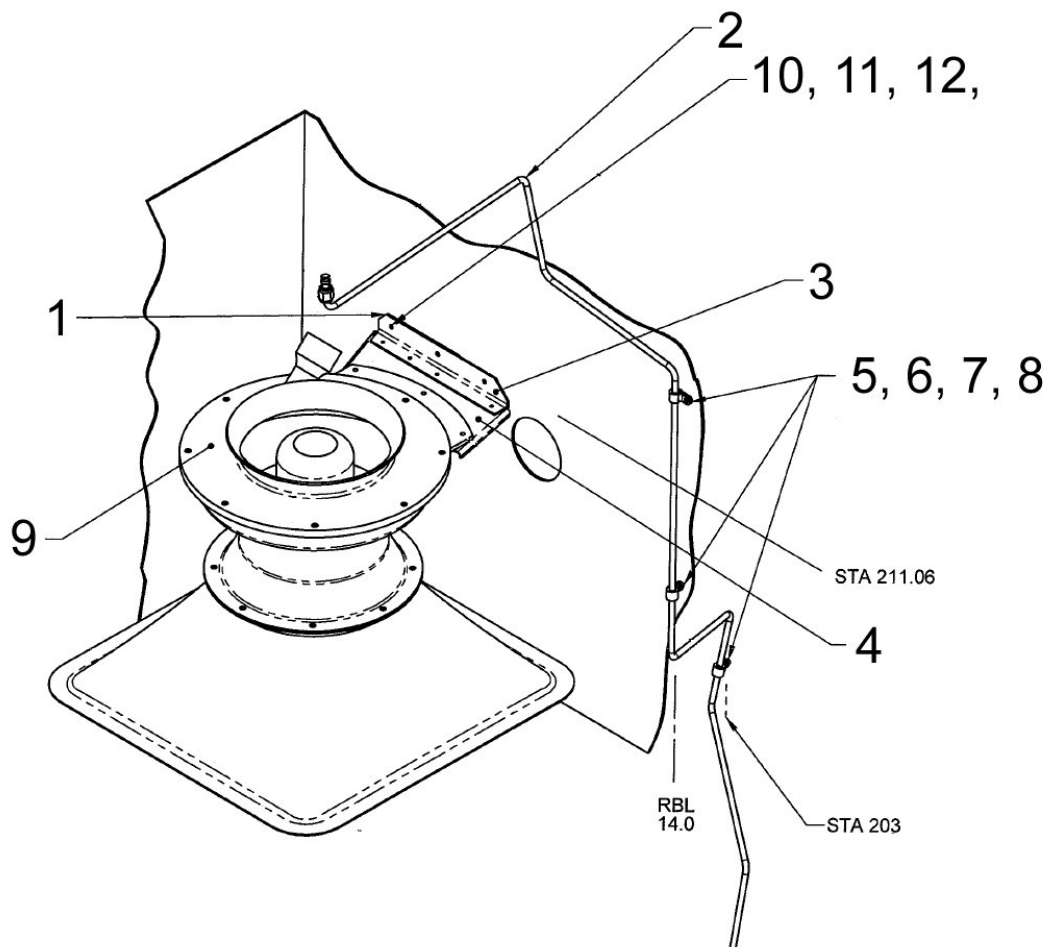


Figure 53-24 – Oil Cooler Installation

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-24				
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

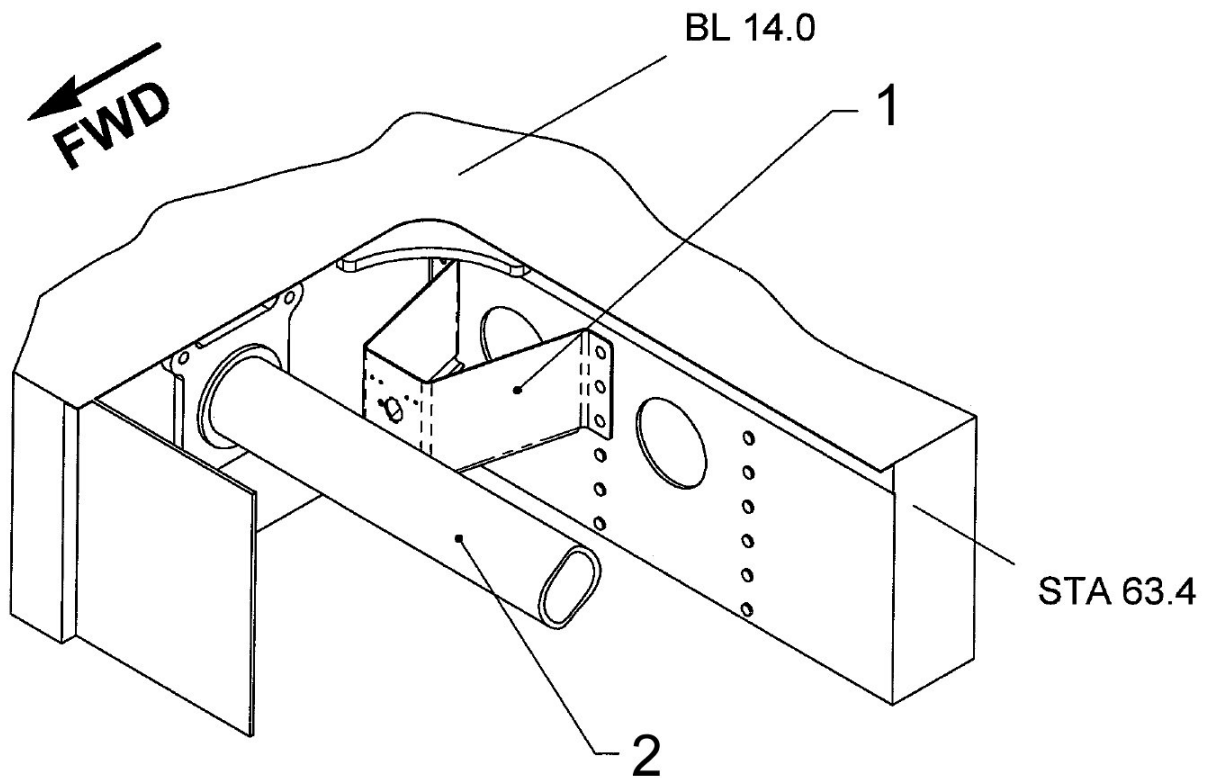


Figure 53-25 – D212-725-1-061 Bracket Installation

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-25				
1	D212-725-1-061	Bracket	1	
2	204-001-190-001	Tube Assembly	Ref	

53-00-00

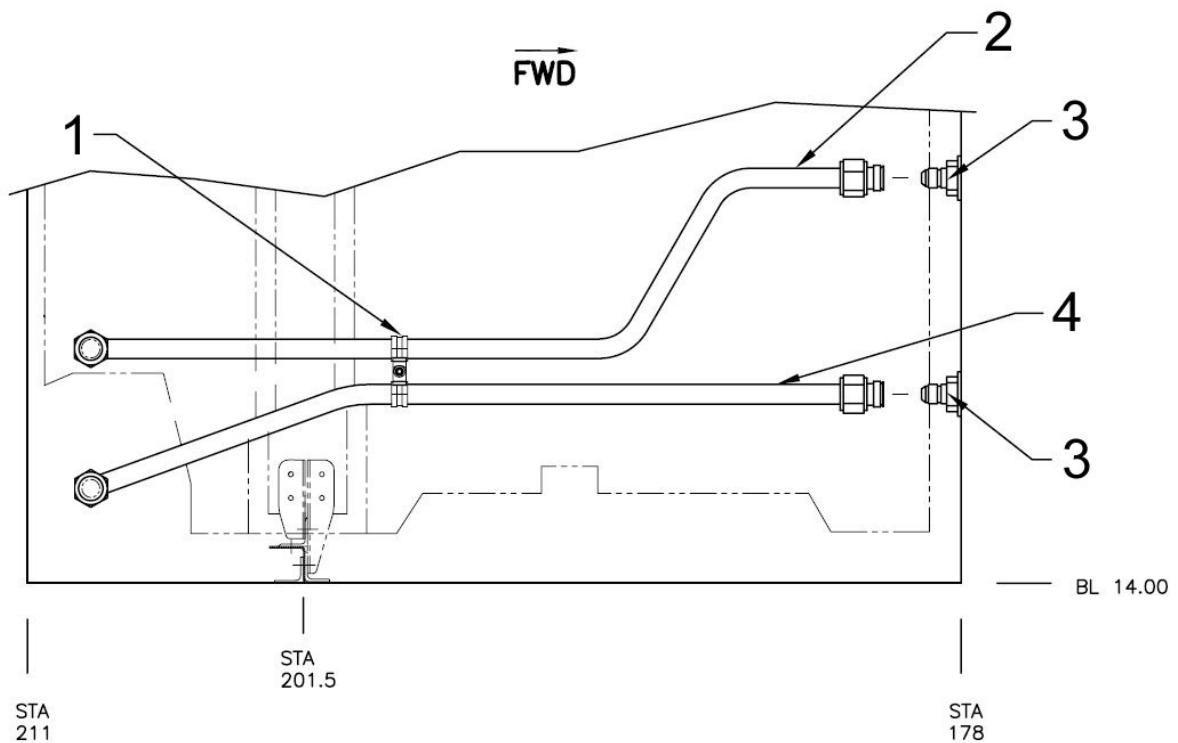


Figure 53-26 – Vent Tube Installation

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-26				
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

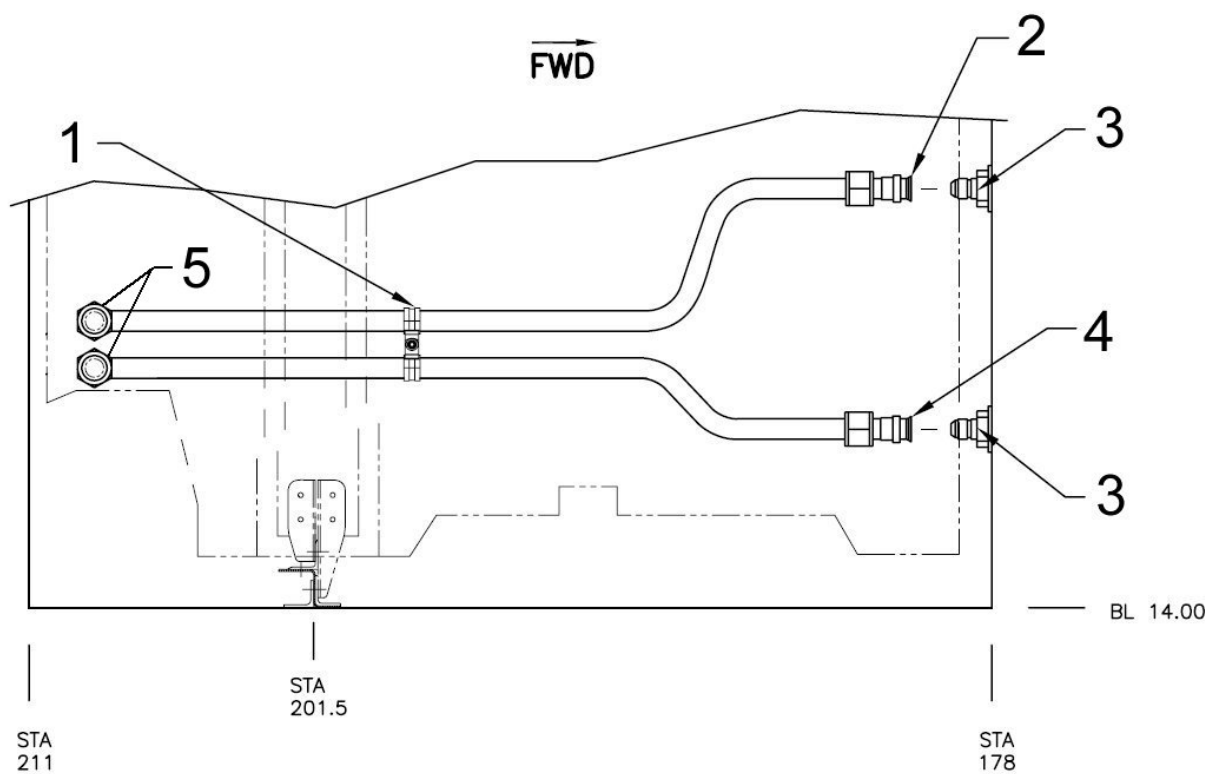


Figure 53-27 – Vent Tube Installation

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-27				
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

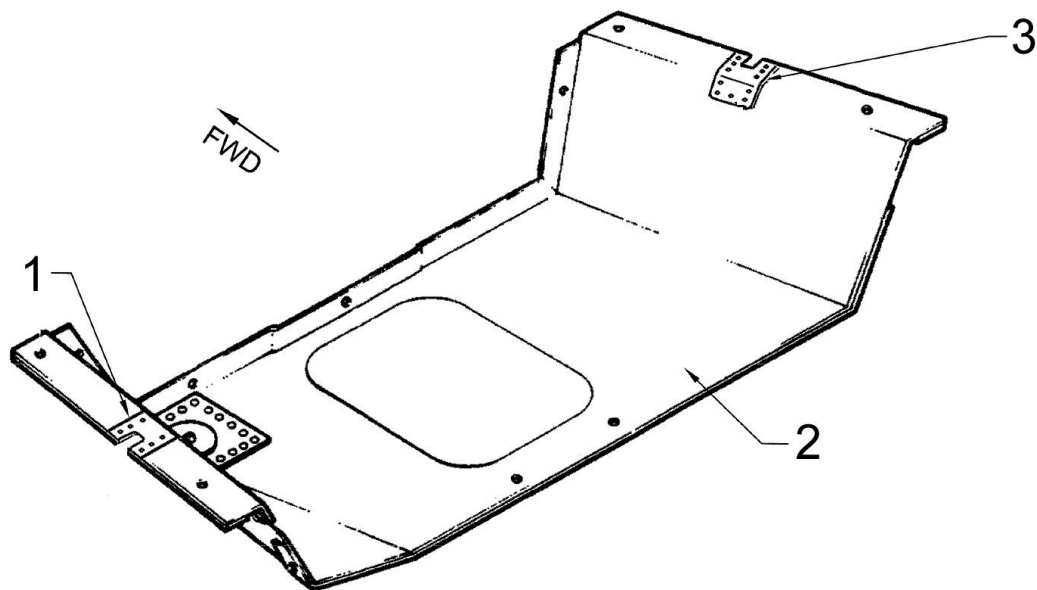


Figure 53-28 – D212-725-1-201 Doubler Installation

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-28				
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

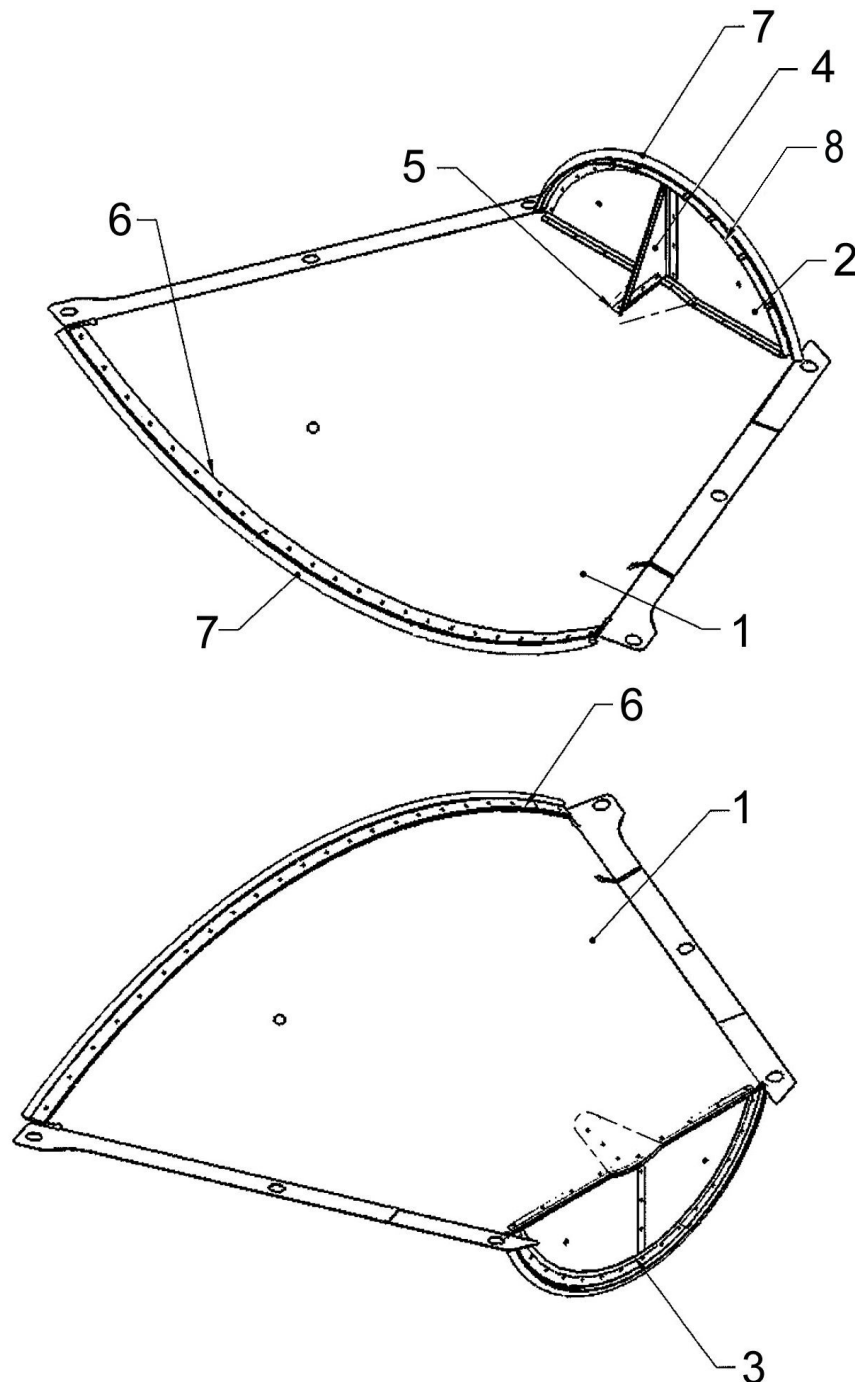


Figure 53-29 – D212-725-1-939 Tail Pipe Shield

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-29				
	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

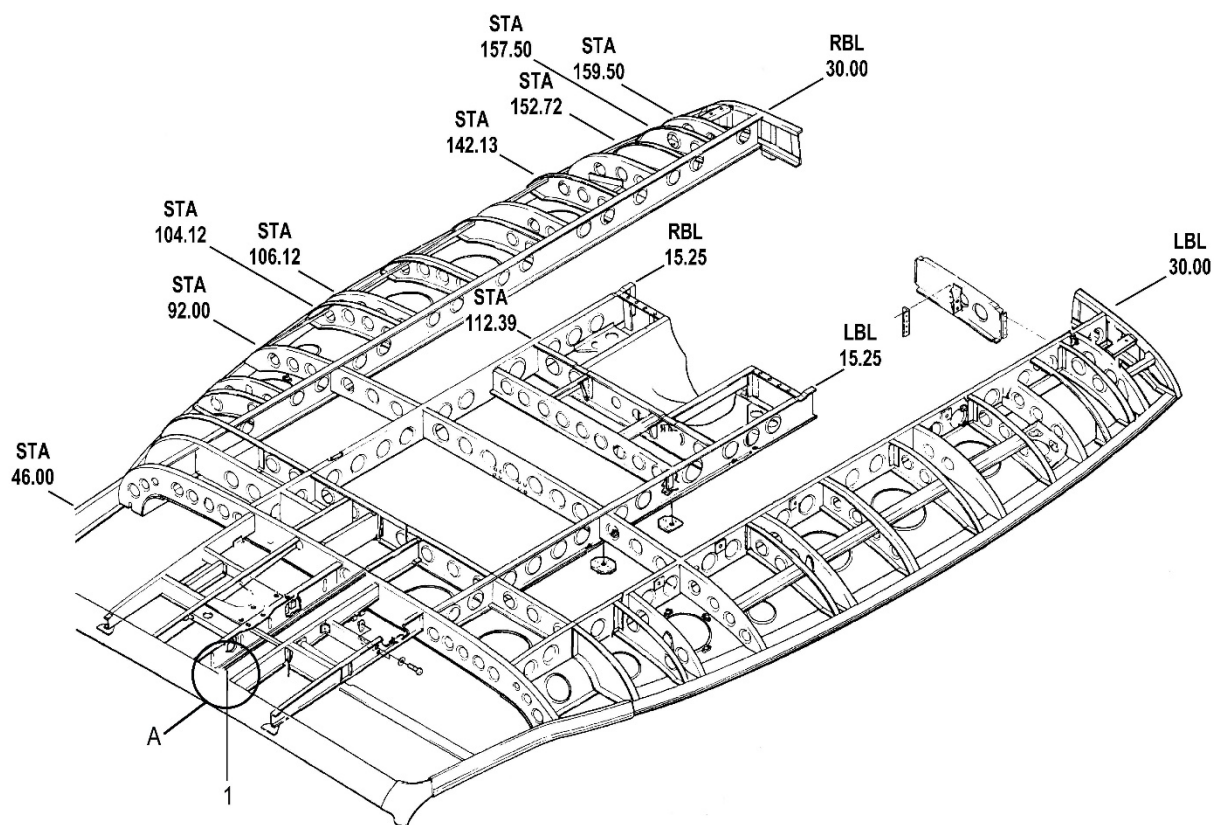


Figure 53-30 – Roof Installation (Sheet 1 of 2)

53-00-00

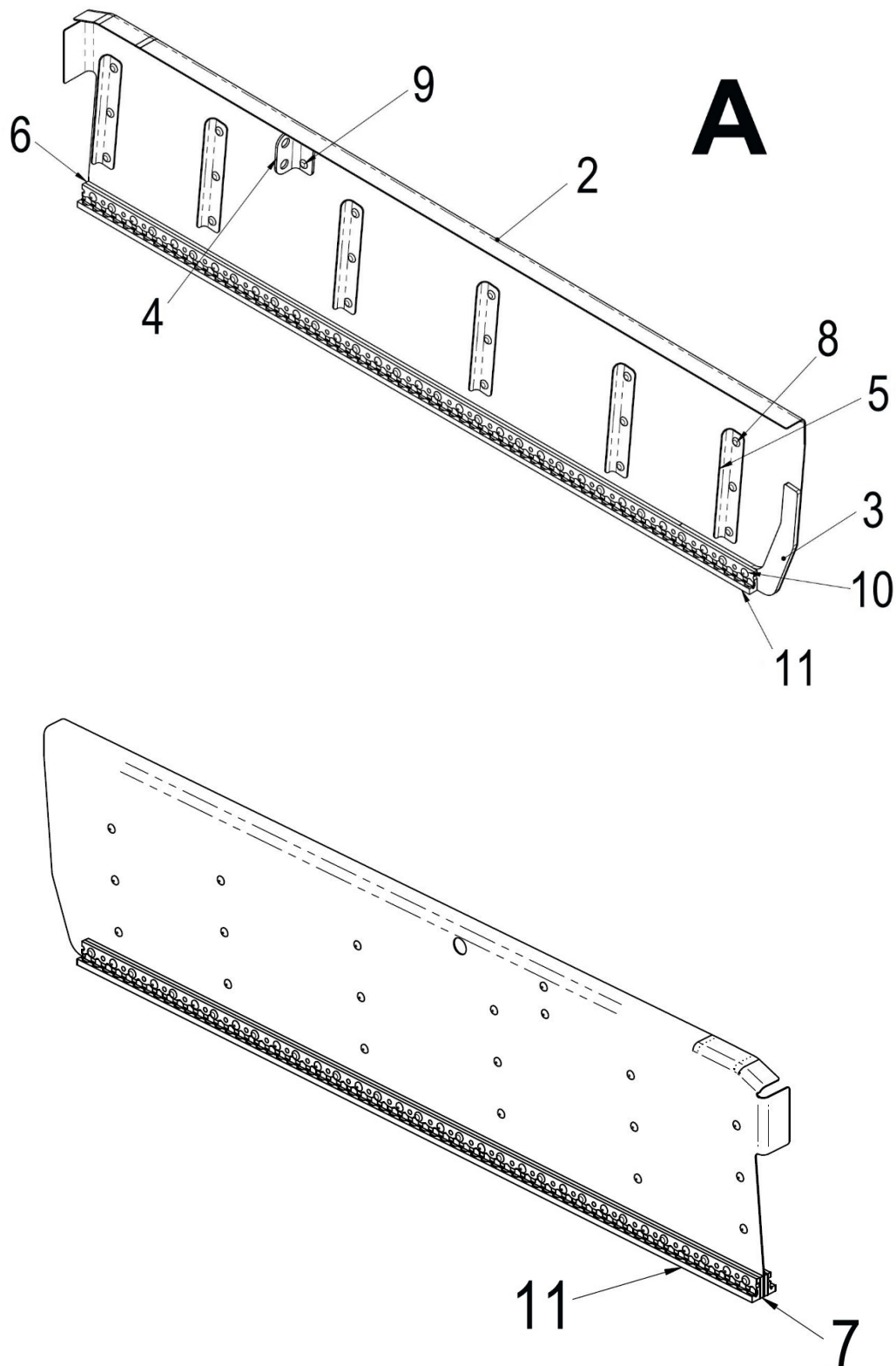


Figure 53-31 – Roof Installation, Cabin (Sheet 2 of 2)

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-30 and Figure 53-31				
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

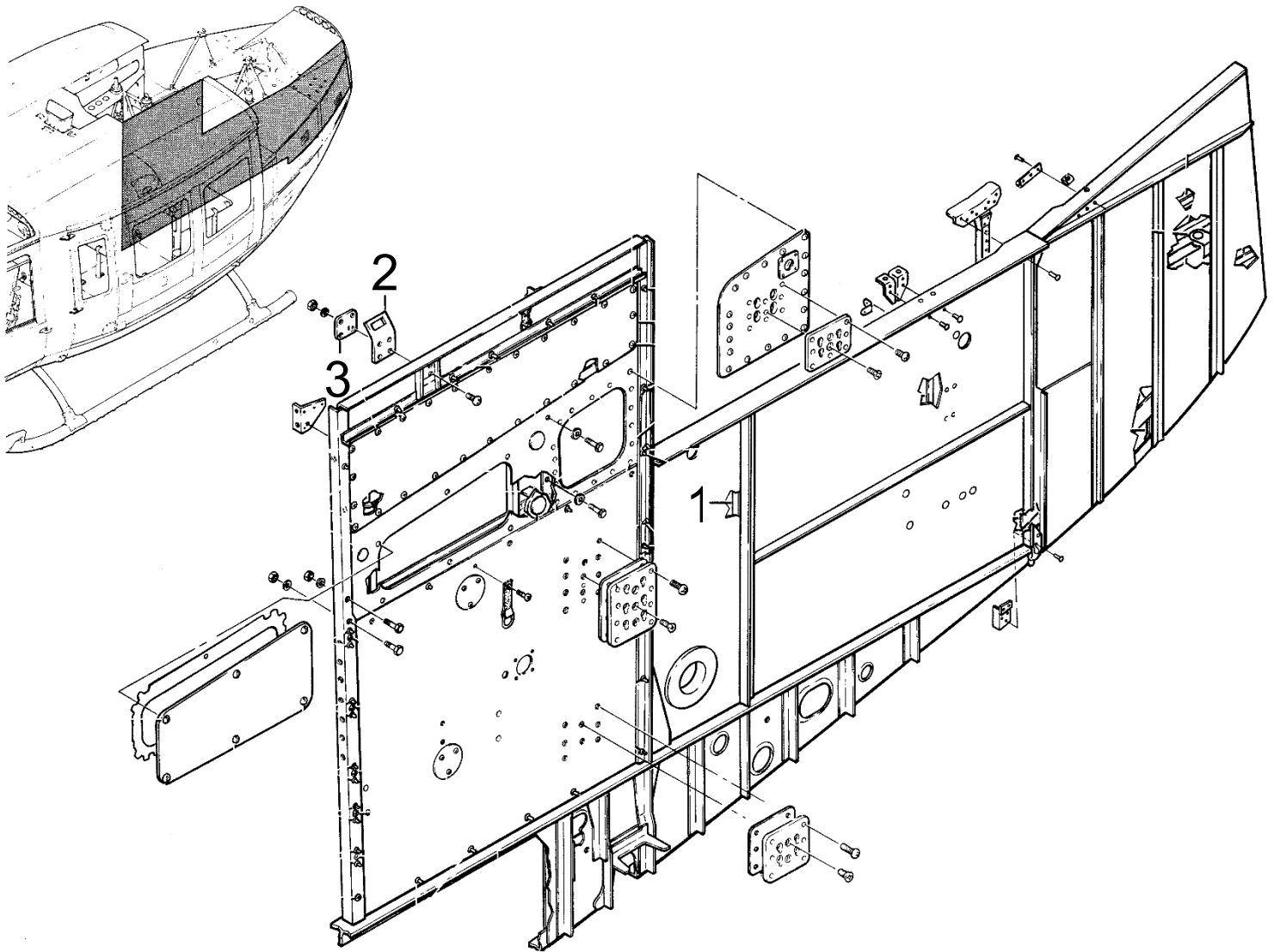


Figure 53-32 – Beam assembly, BL 14.00, LH

53-00-00

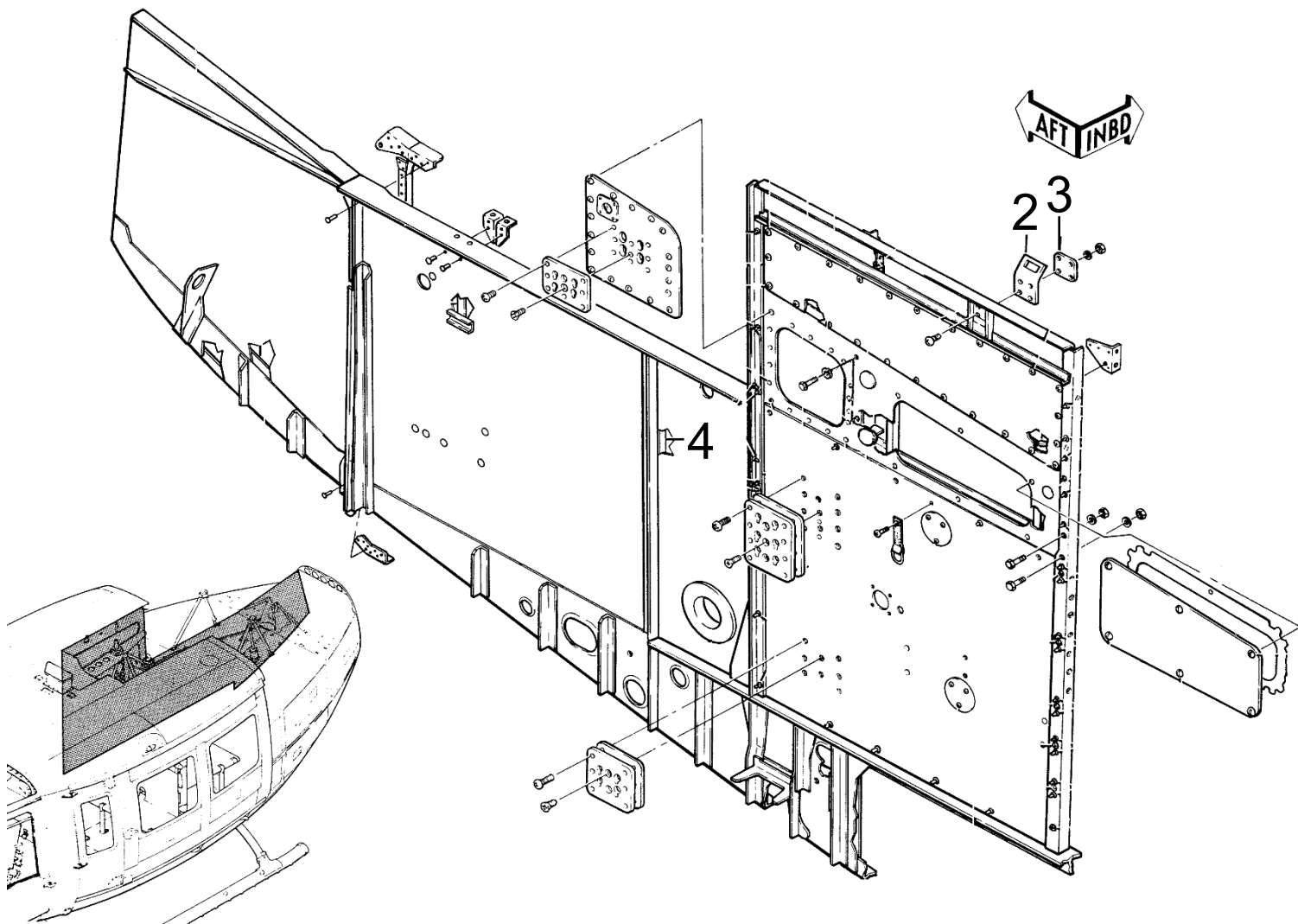


Figure 53-33 – Beam assembly, BL 14.00, RH

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-32 and Figure 53-33				
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

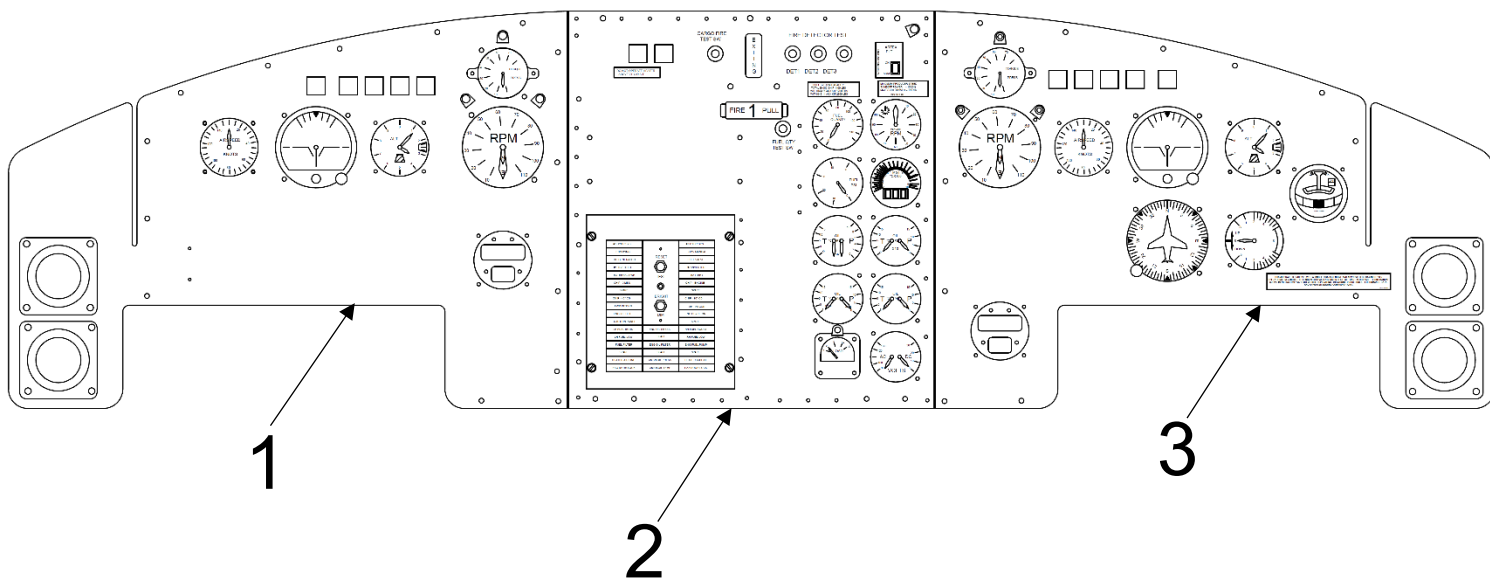


Figure 53-34 – Instrument Panel Assembly

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-34				
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

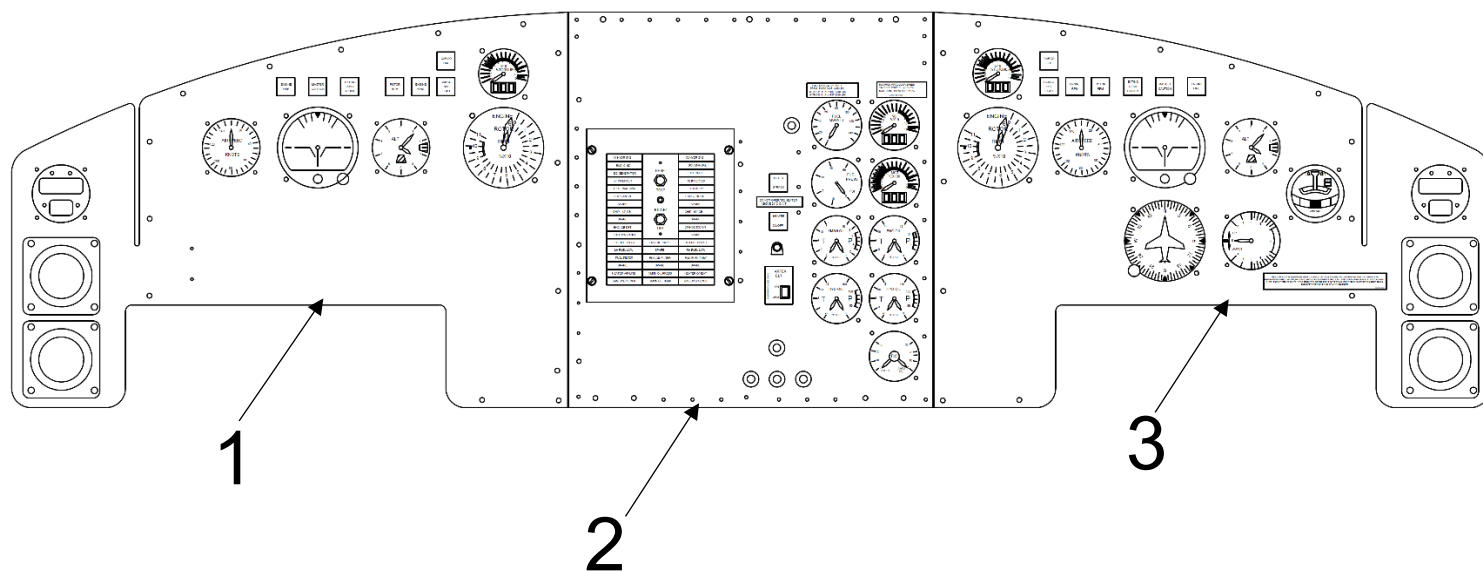


Figure 53-35 - Instrument Panel Assembly

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-35				
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

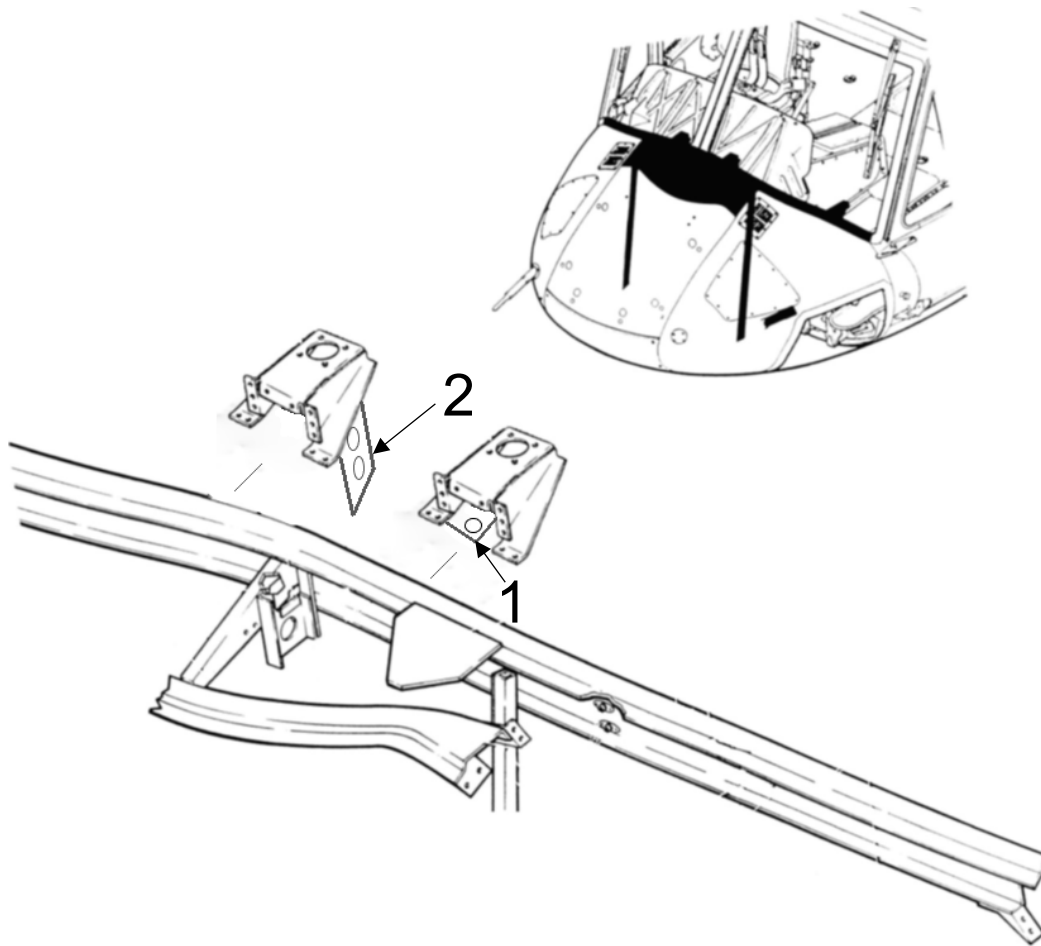


Figure 53-36 – Cannon Plug Brackets Installation

53-00-00

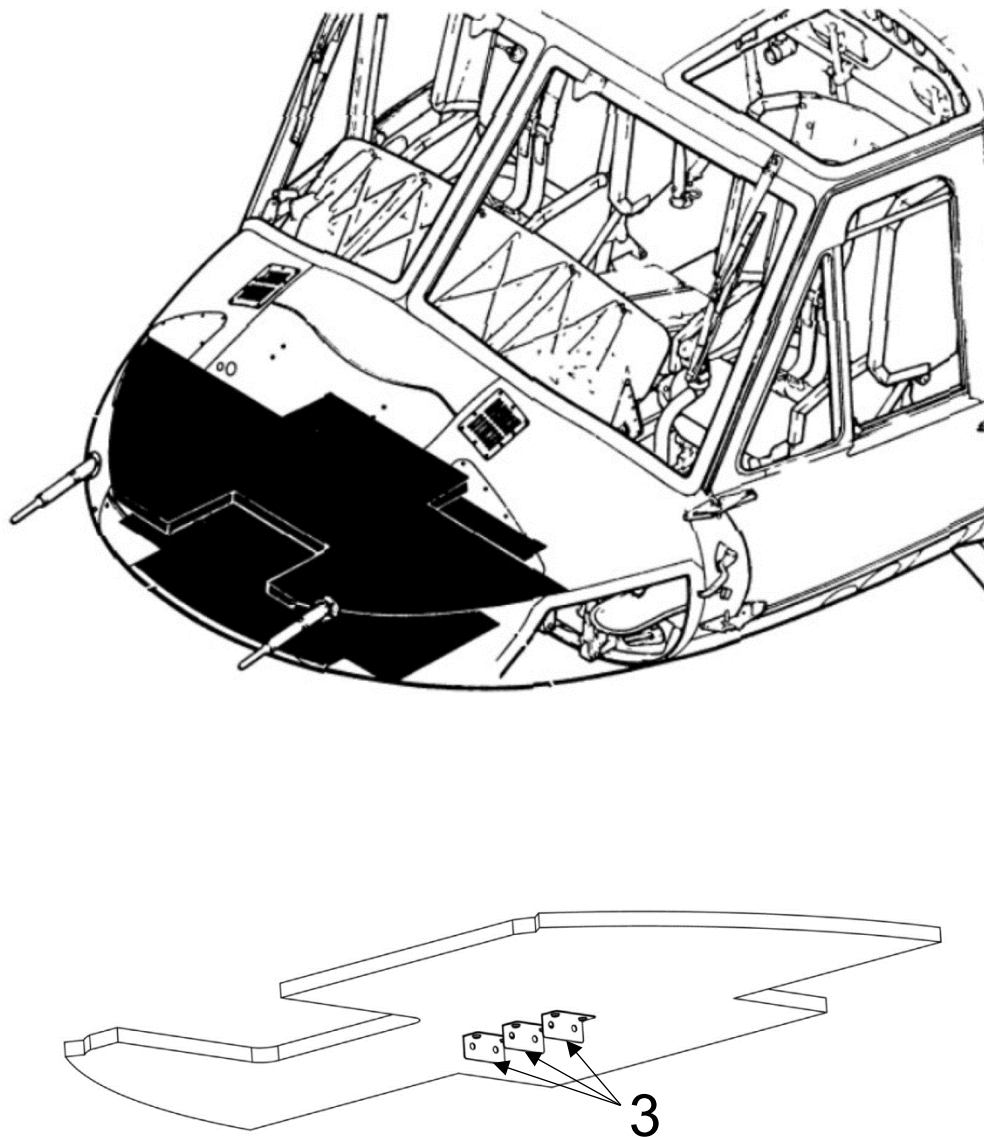


Figure 53-37 — Transistor Brackets Installation

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-36 and Figure 53-37				
1	E212-1024-101	Cannon Plug Bracket	1	
2	E212-1024-103	Cannon Plug Bracket	1	
3	E212-1024-105	Transistor Bracket	3	

53-00-00

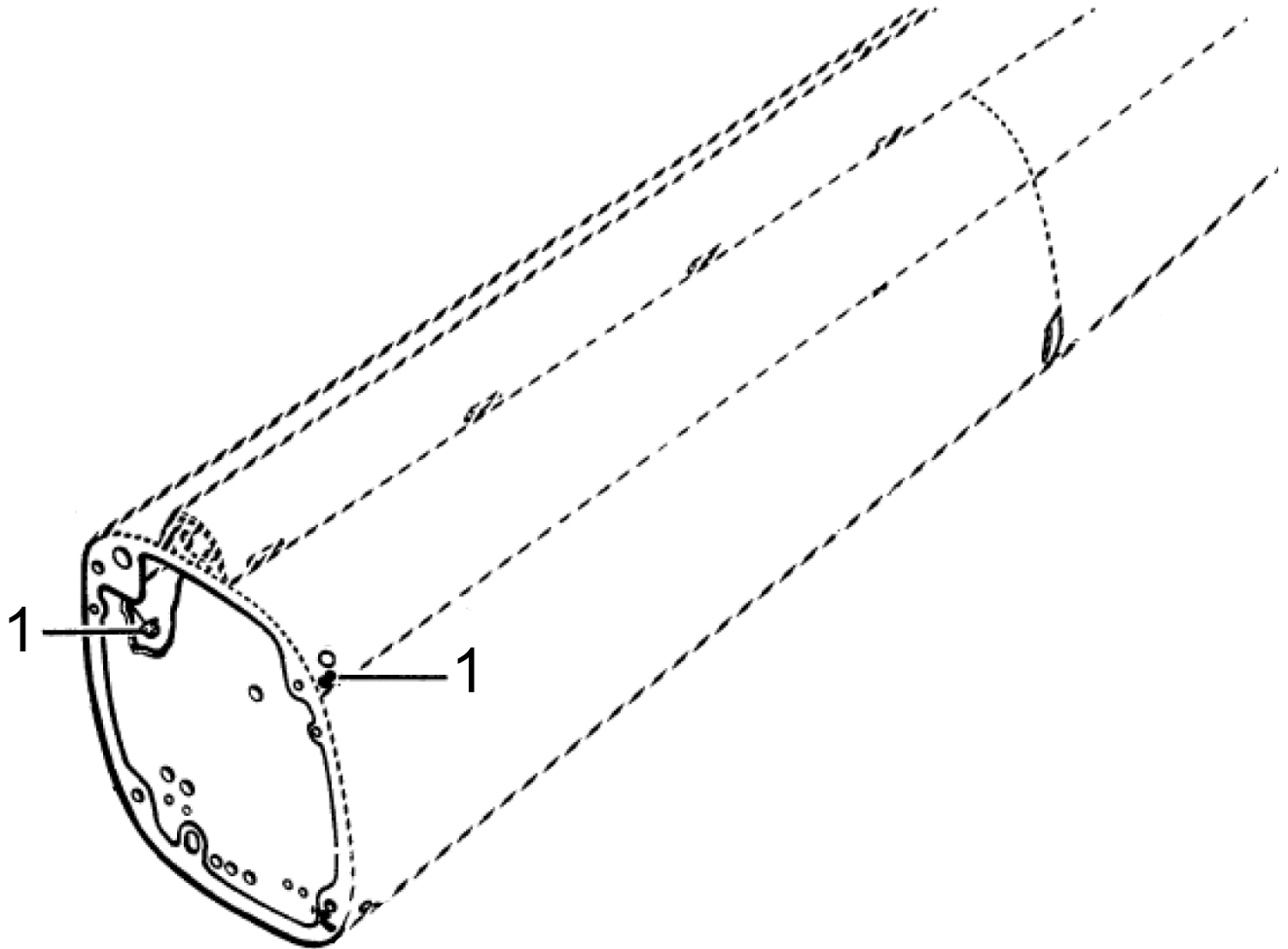


Figure 53-38 — Tailboom

53-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 53-38				
1	P116-421-14-495	Stud	2	

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)

LIST OF FIGURES

Figure 63-1 – Oil Cooler Installation, Transmission	3
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

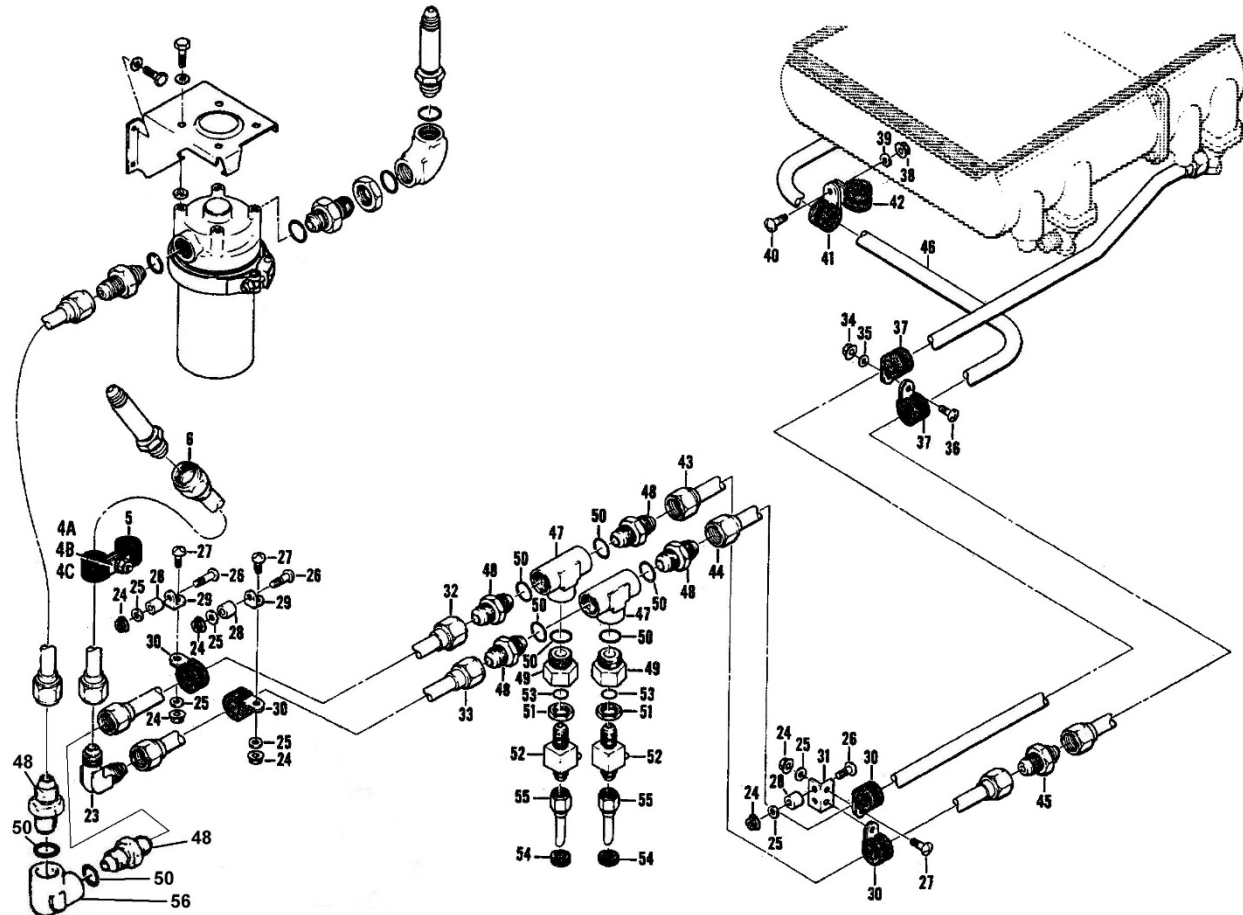


Figure 63-1 – Oil Cooler Installation, Transmission

63-00-00

Item	Part Number / Reference Designator	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 (Alternate Part)	1	
33	E212-3001-045	Tube Assembly	1	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	205-040-221-001	Tube Assembly (Alternate Part)		
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 / Reference Designator	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

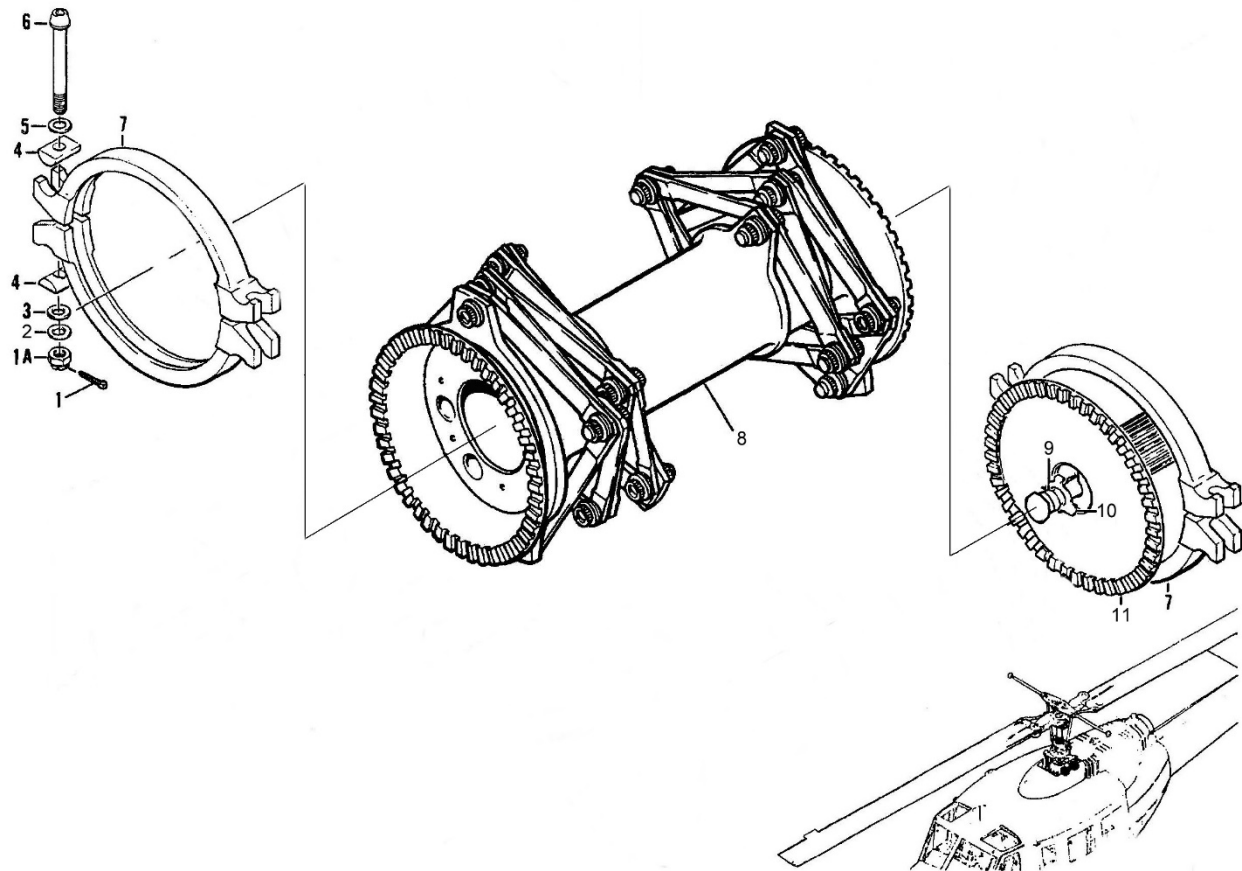


Figure 63-2 – Driveshaft Installation, Engine to Transmission

63-00-00

Item	Part Number / Reference Designator	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

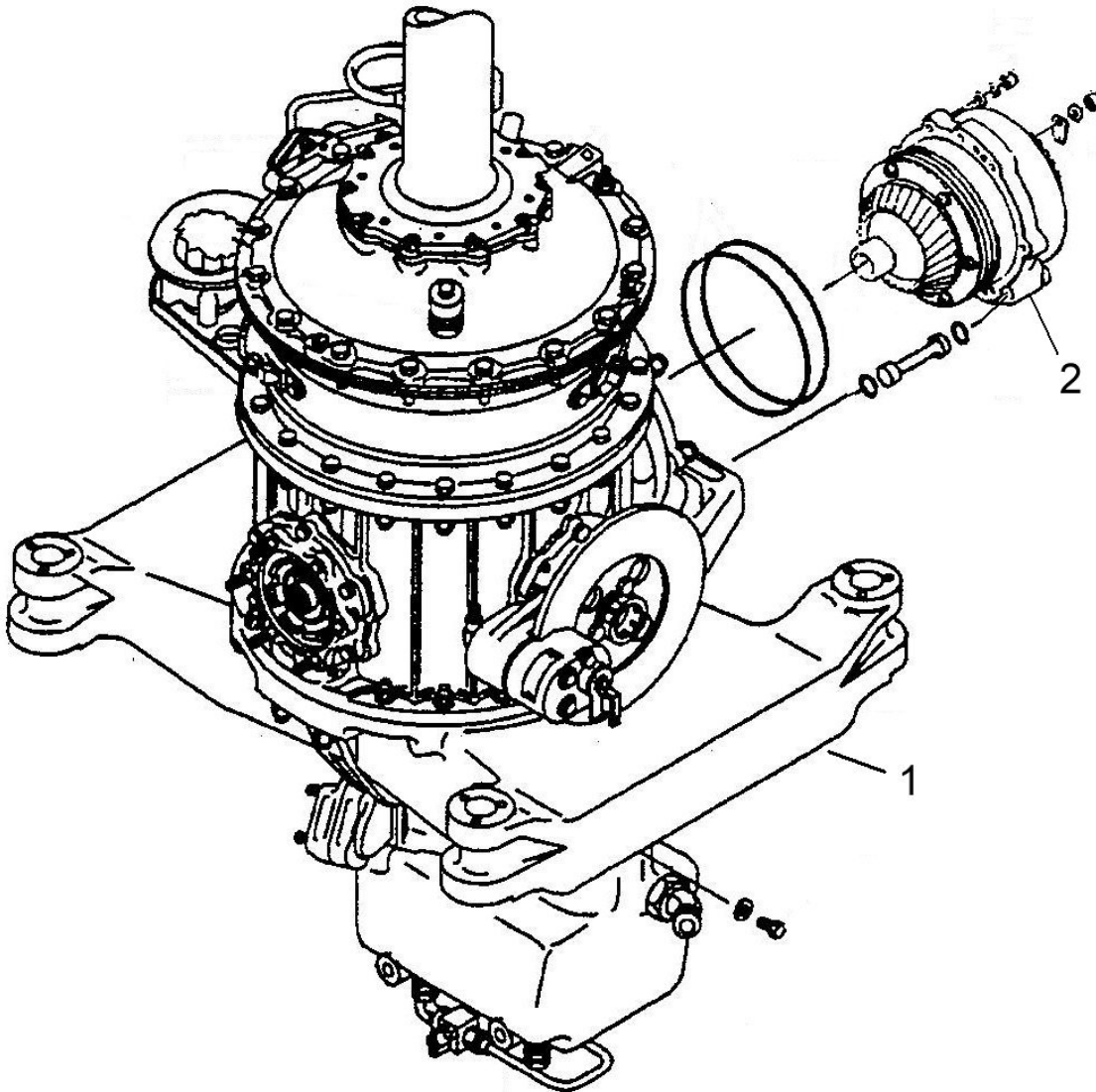


Figure 63-3 – Transmission and Quill Assembly

63-00-00

Item	Part Number / Reference Designator	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

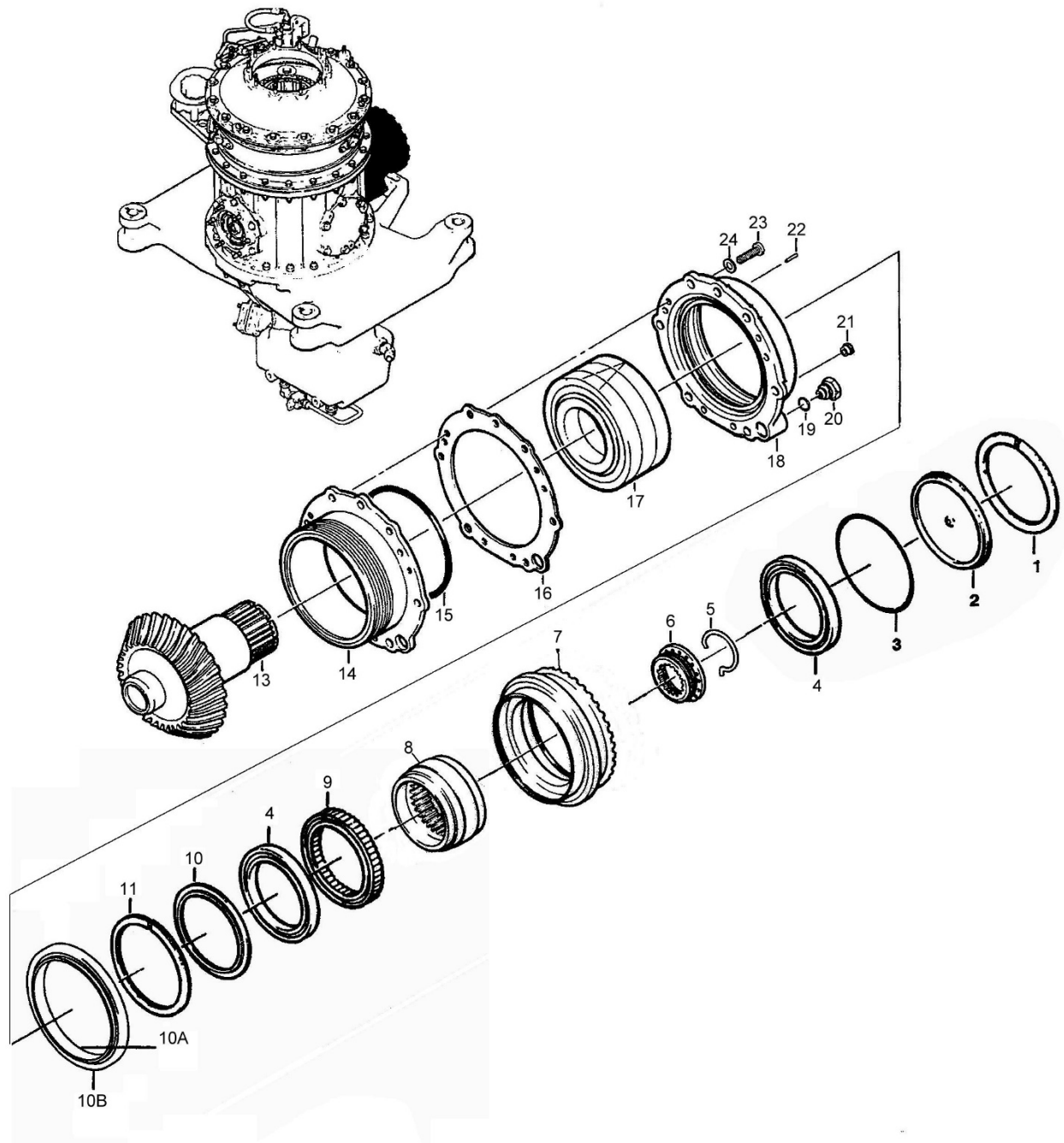


Figure 63-4 - 205-040-263-101 Quill Assembly

63-00-00

Item	Part Number / Reference Designator	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

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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CHAPTER 67 – FLIGHT CONTROLS (67-00-00)

LIST OF FIGURES

Figure 67-1 – Collective Installation – Forward Cabin	3
Figure 67-2 – Collective Installation – Servo	5
Figure 67-3 – Collective Installation - Jackshaft	7
Figure 67-4 - Collective Head Installation, Pilot	9
Figure 67-5 - Collective Stick, Pilot	11
Figure 67-6 - Collective Head Installation, Co-Pilot	13
Figure 67-7 - Collective Stick, Co-Pilot	15
Figure 67-8 - Elbow and Support Assembly, Co-Pilot	17
Figure 67-9 - Control Installation, Anti-Torque	19

67-00-00

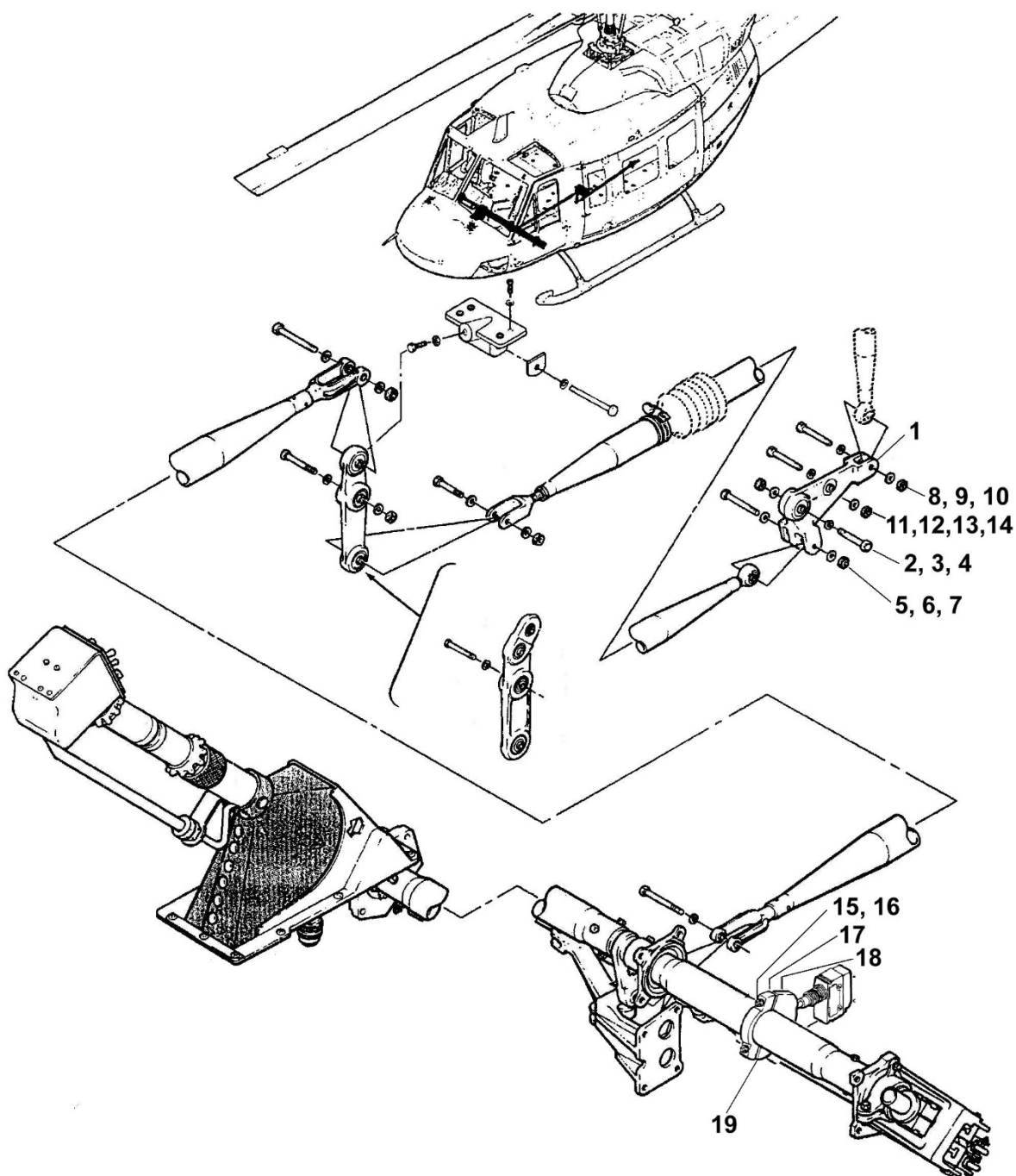


Figure 67-1 – Collective Installation – Forward Cabin

67-00-00

Item	Part Number / Reference Designator	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

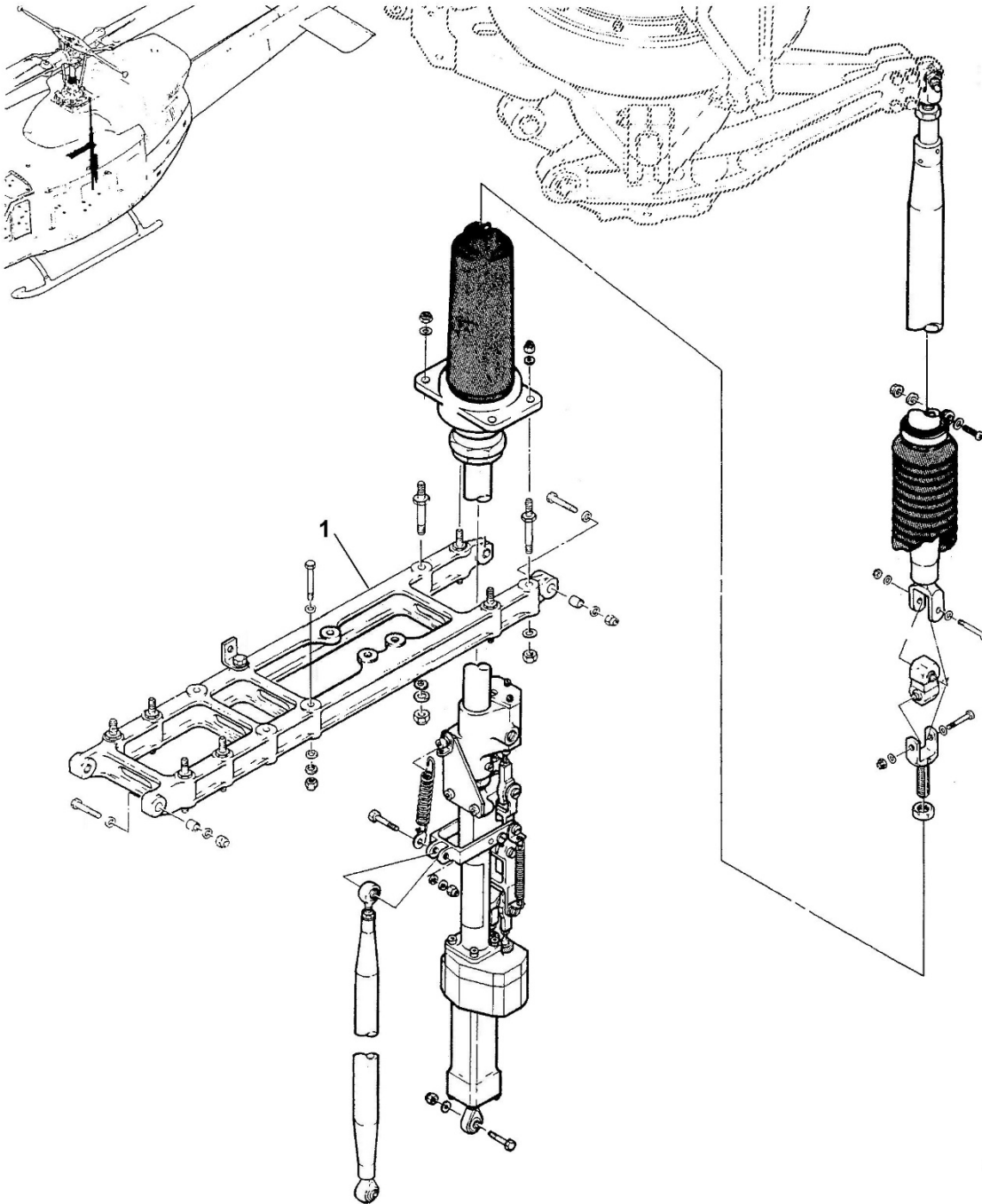


Figure 67-2 – Collective Installation – Servo

67-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 67-2				
1	212-001-303-001	Support Assembly (Alternate Part)	1	
1	E212-1022-041	Support Assembly	1	1

UOC Code
1 – Preferred for new builds and replacements

67-00-00

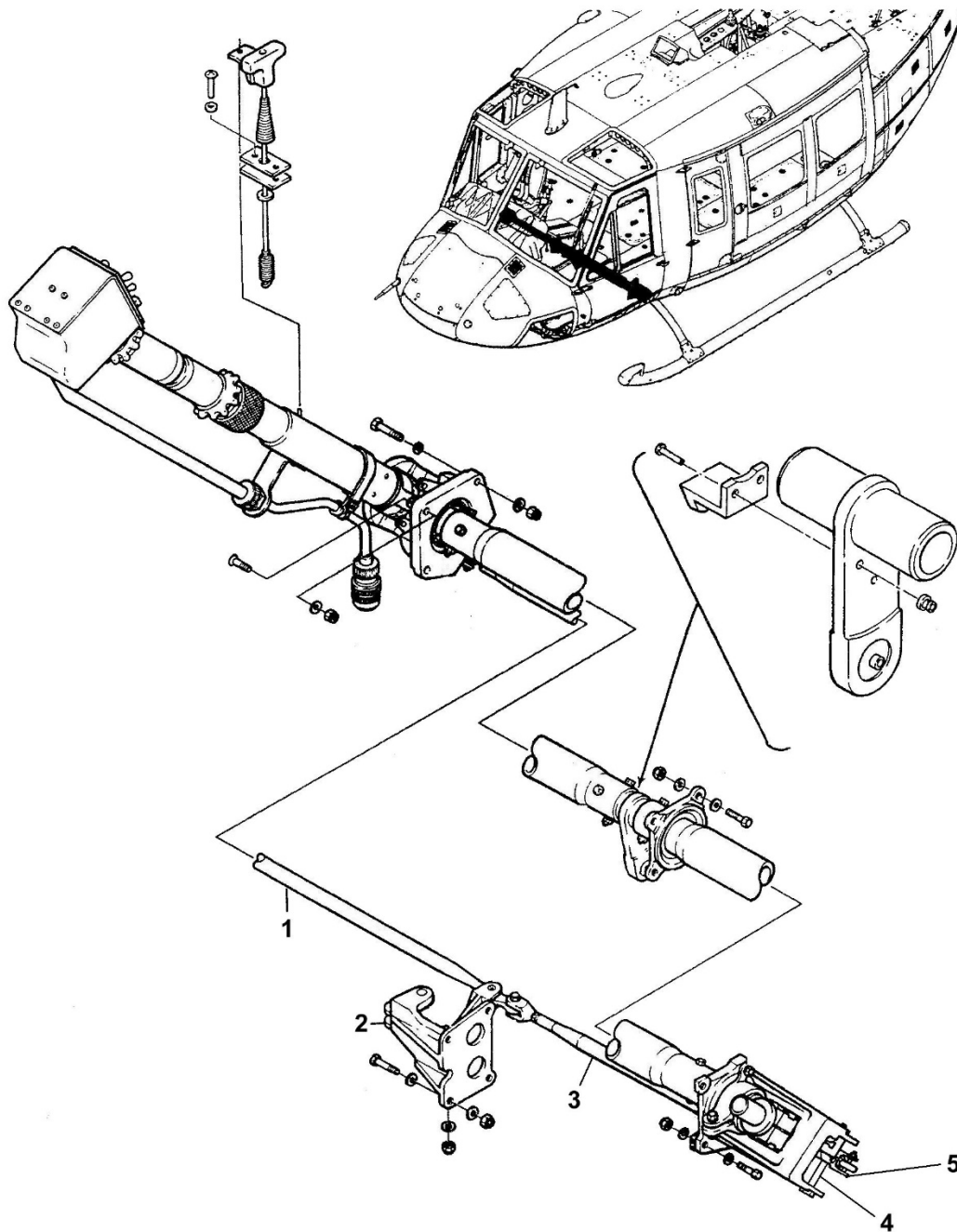


Figure 67-3 – Collective Installation - Jackshaft

67-00-00

Item	Part Number / Reference Designator	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

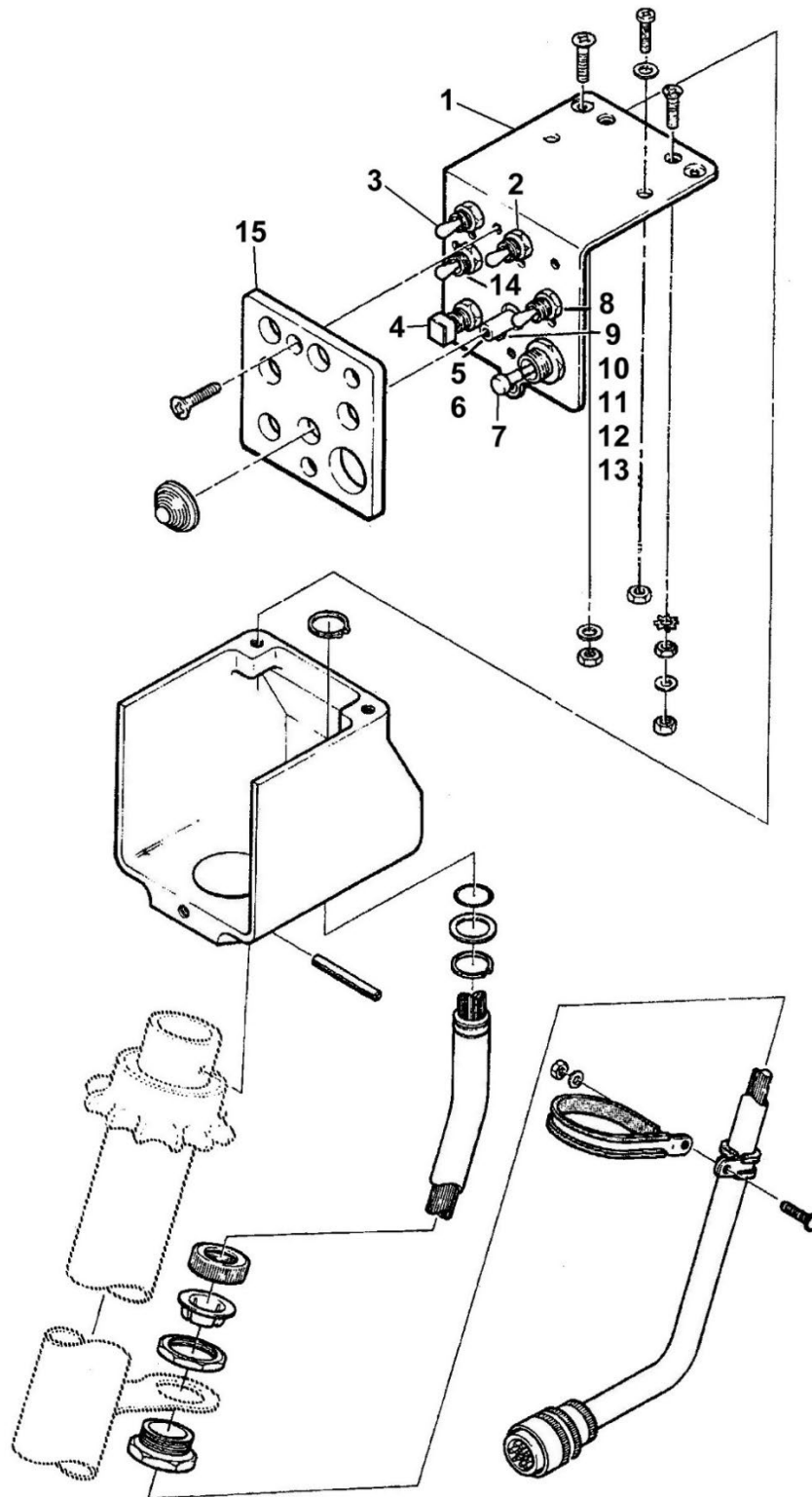


Figure 67-4 - Collective Head Installation, Pilot

67-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 67-4				
1	212-075-188-101	Plate	1	
2	S20	Switch	1	2
3	S22	Switch, Start Fuel	1	2
4	S27	Switch, Governor RPM, Pilot Collective Stick	1	2
5	MS35206-213	Screw	2	
6	S25	Switch, Searchlight Control	1	2
7	S23S	Switch, Engine Start, Pilot Collective	1	2
8	S21	Switch, Landing Light Extend/Retract	1	2
9	MS21042L06	Nut	1	
10	NAS1149DN616H	Washer	2	
11	MS35649-265	Nut	1	
12	MS35335-30	Washer	1	
13	MS24693-S29	Screw	1	
14	S29S	Switch, Idle Stop Release	1	2
15	E212-5012-051	Pilot Collective Control Panel	1	1
15	D212-725-5-013	Pilot Collective Panel (Alternate Part)	1	
15	212-075-187-001	Panel (Alternate Part)	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

2 – Refer to IPC-212-001 for Part Number and ICA Reference

67-00-00

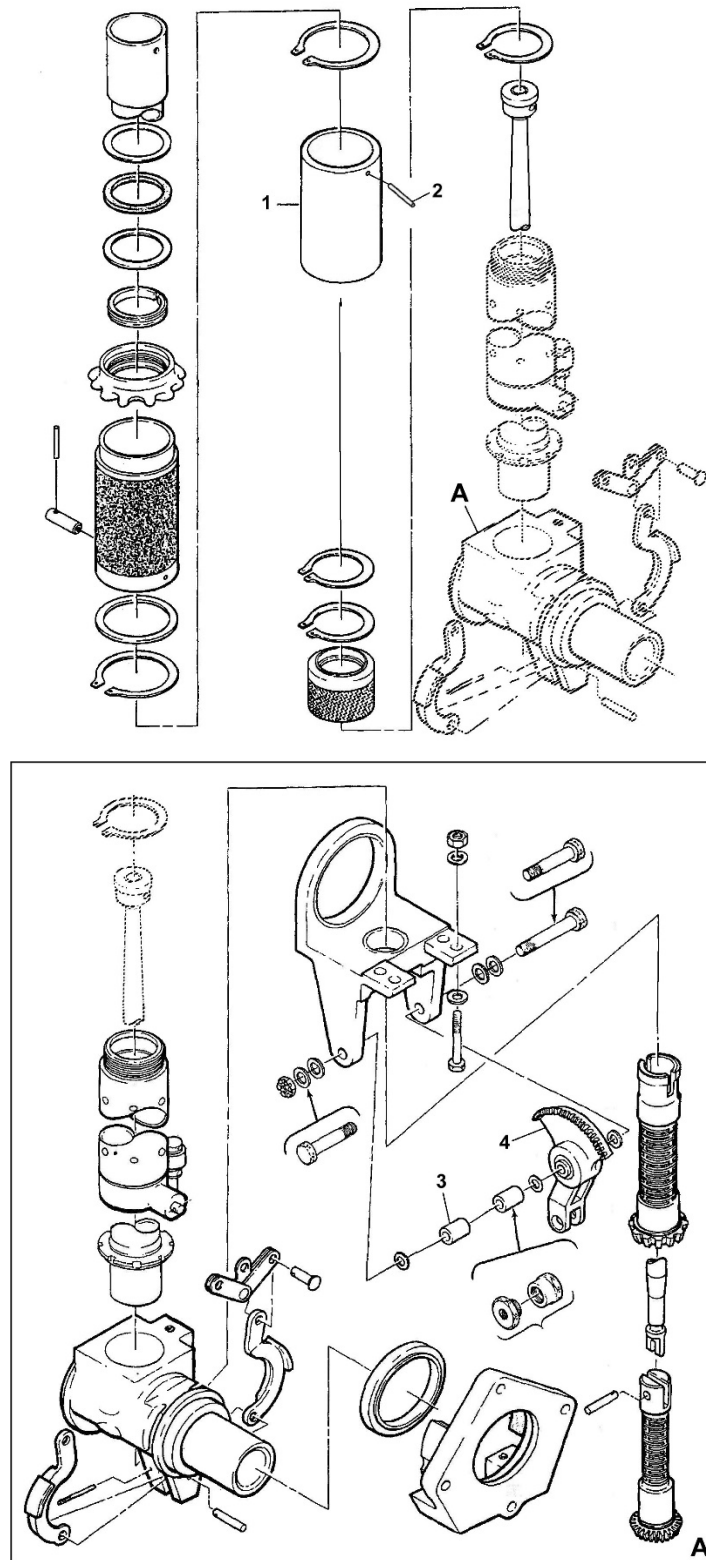


Figure 67-5 - Collective Stick, Pilot

67-00-00

Item	Part Number / Reference Designator	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

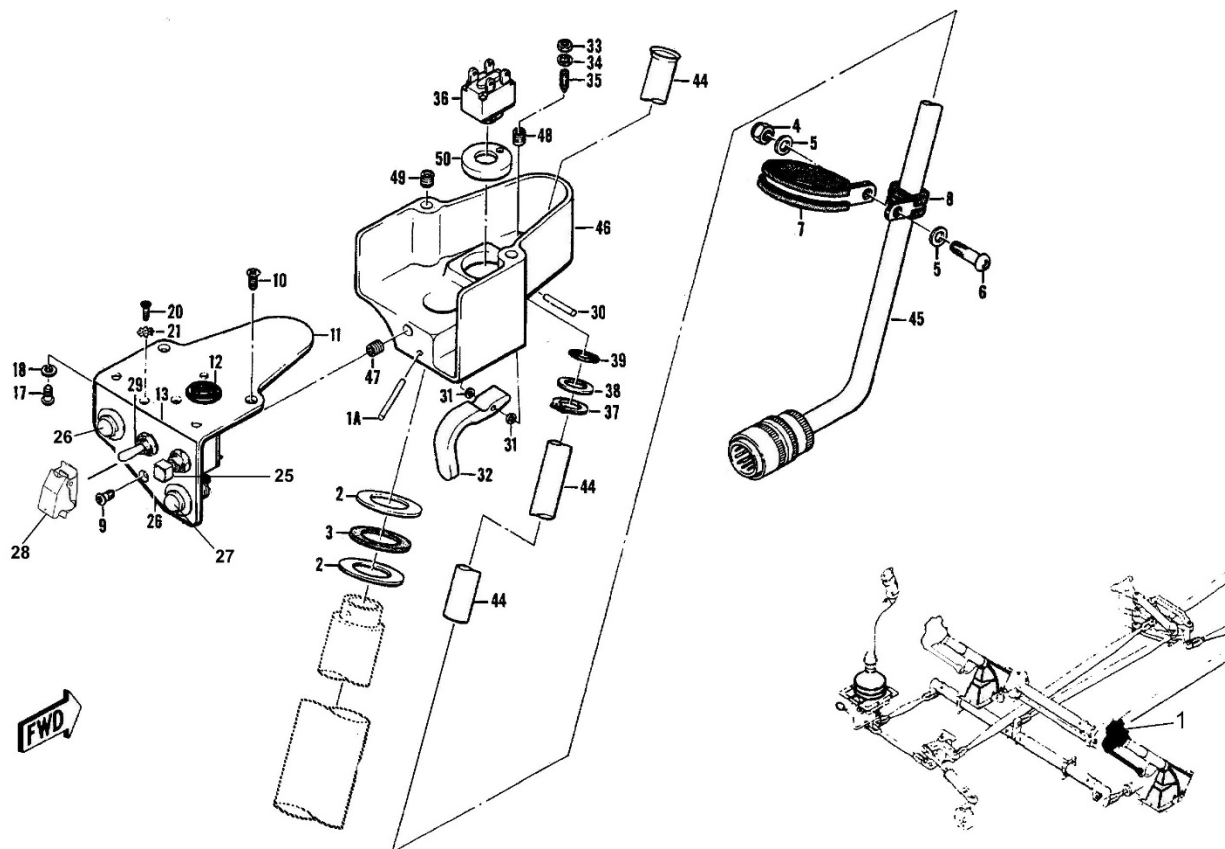


Figure 67-6 - Collective Head Installation, Co-Pilot

67-00-00

Item	Part Number / Reference Designator	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	S40	Switch, Governor RPM, Copilot	1	1
26	S29SA	Switch, Idle Stop Release	1	1
27	S39	Switch, Idle Stop Release	1	1
28	MS25224-1	Switch Guard	1	
29	S38	Switch, Longline Release Arm	1	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	S24	Switch, Engine Start, Copilot Collective	1	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	

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

67-00-00



67-00-00

Item	Part Number / Reference Designator	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	P49	Connector, Copilot's Collective Stick	1	2
17	P49	Backshell	1	2
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

2 – Refer to IPC-212-001 for Part Number and ICA Reference

67-00-00

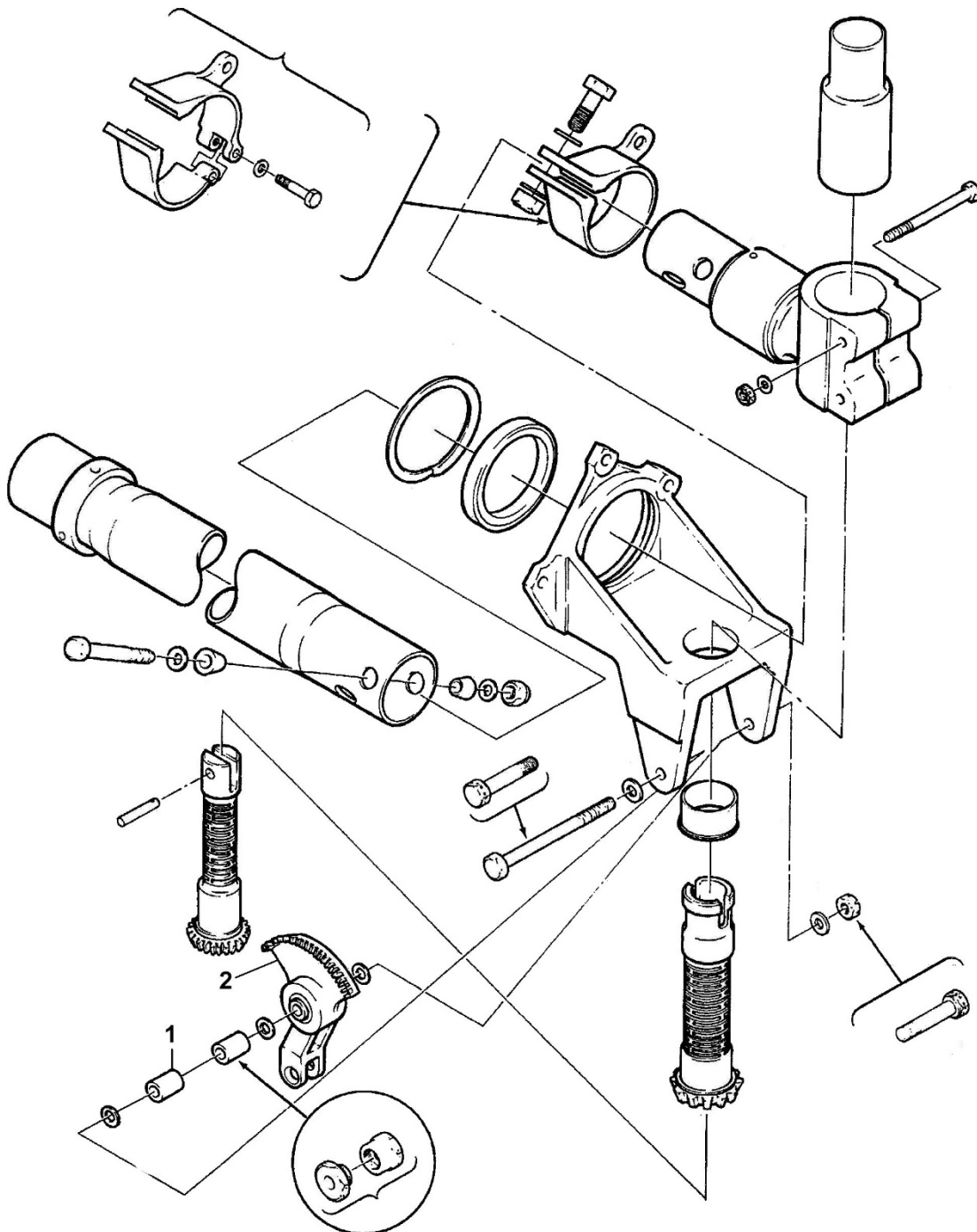
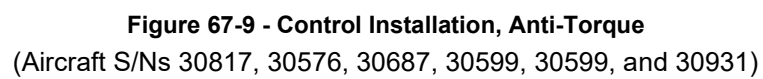


Figure 67-8 - Elbow and Support Assembly, Co-Pilot

67-00-00

Item	Part Number / Reference Designator	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



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Item	Part Number / Reference Designator	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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CHAPTER 71 – POWER PLANT (71-00-00)

LIST OF FIGURES

Figure 71-1 – Cowl Installation.....	3
Figure 71-2 – Cowl Installation.....	5
Figure 71-3 – Cowl Installation.....	7
Figure 71-4 - Cowl Installation	10
Figure 71-5 - Cowl Installation	13
Figure 71-6 - Power Plant Installation.....	16
Figure 71-7 - Engine Assembly.....	18
Figure 71-8 - Engine Assembly.....	21
Figure 71-9 - Engine Assembly, Pressure Transducer.....	24
Figure 71-10 - Engine Assembly.....	26
Figure 71-11 – Engine Assembly, Torque Transducer	28
Figure 71-12 - Firewall Assembly, Forward and Fireshield Installation, Tail Rotor Driveshaft	30
Figure 71-13 - Firewall Assembly, Aft, Upper and Lower	32
Figure 71-14 - Baffle Assembly, Induction	35
Figure 71-15 - Bleed Air Installation, Turbo Blower and Cabin Heat.....	37
Figure 71-16 - Engine Mount Assembly.....	39
Figure 71-17 - Engine Mount Detail (Sheet 1 of 2)	41
Figure 71-18 – Engine Mount Detail (Sheet 2 of 2)	42
Figure 71-19 - Throttle Lever Installation	45

71-00-00

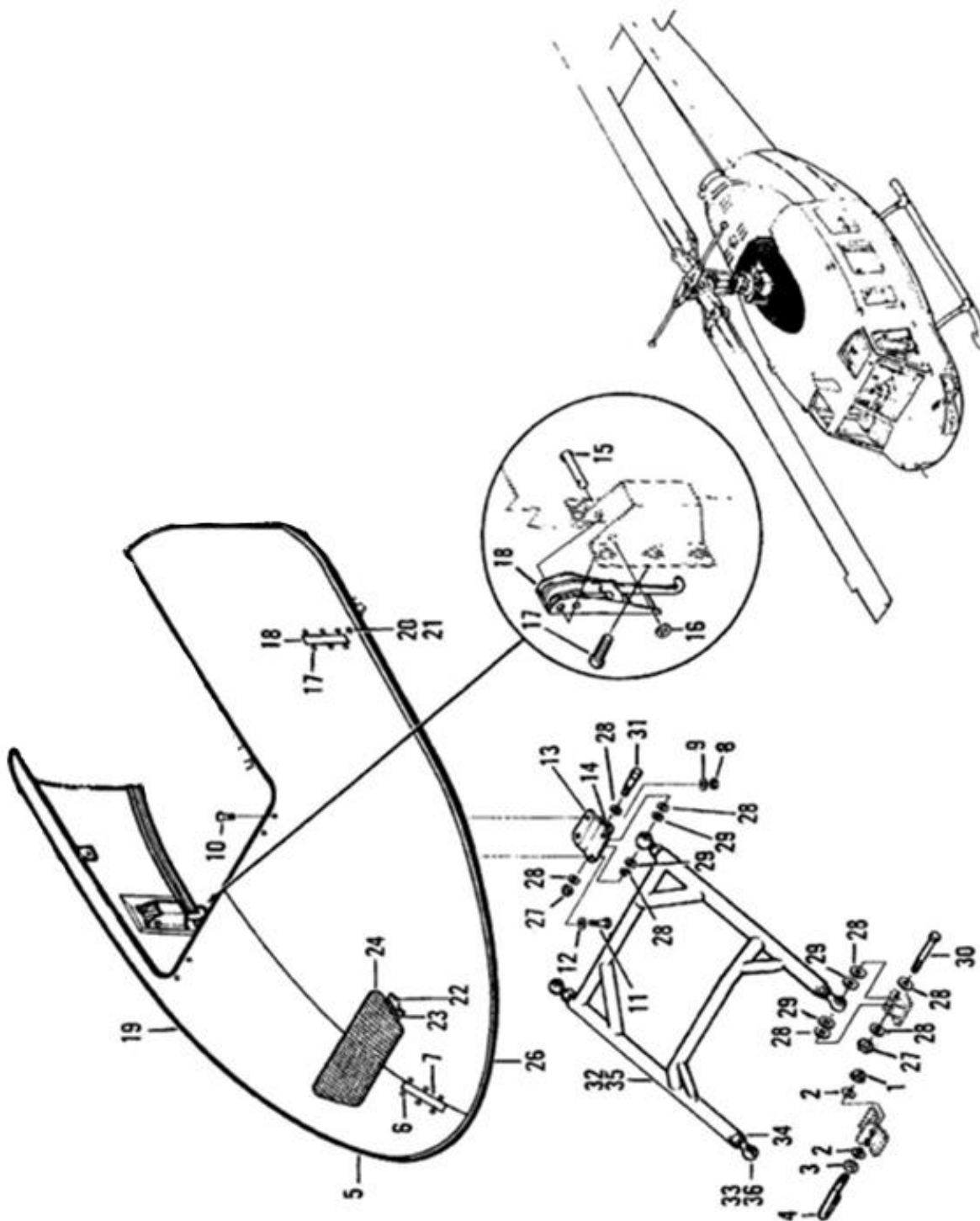


Figure 71-1 – Cowl Installation

71-00-00

Item	Part Number / Reference Designator	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

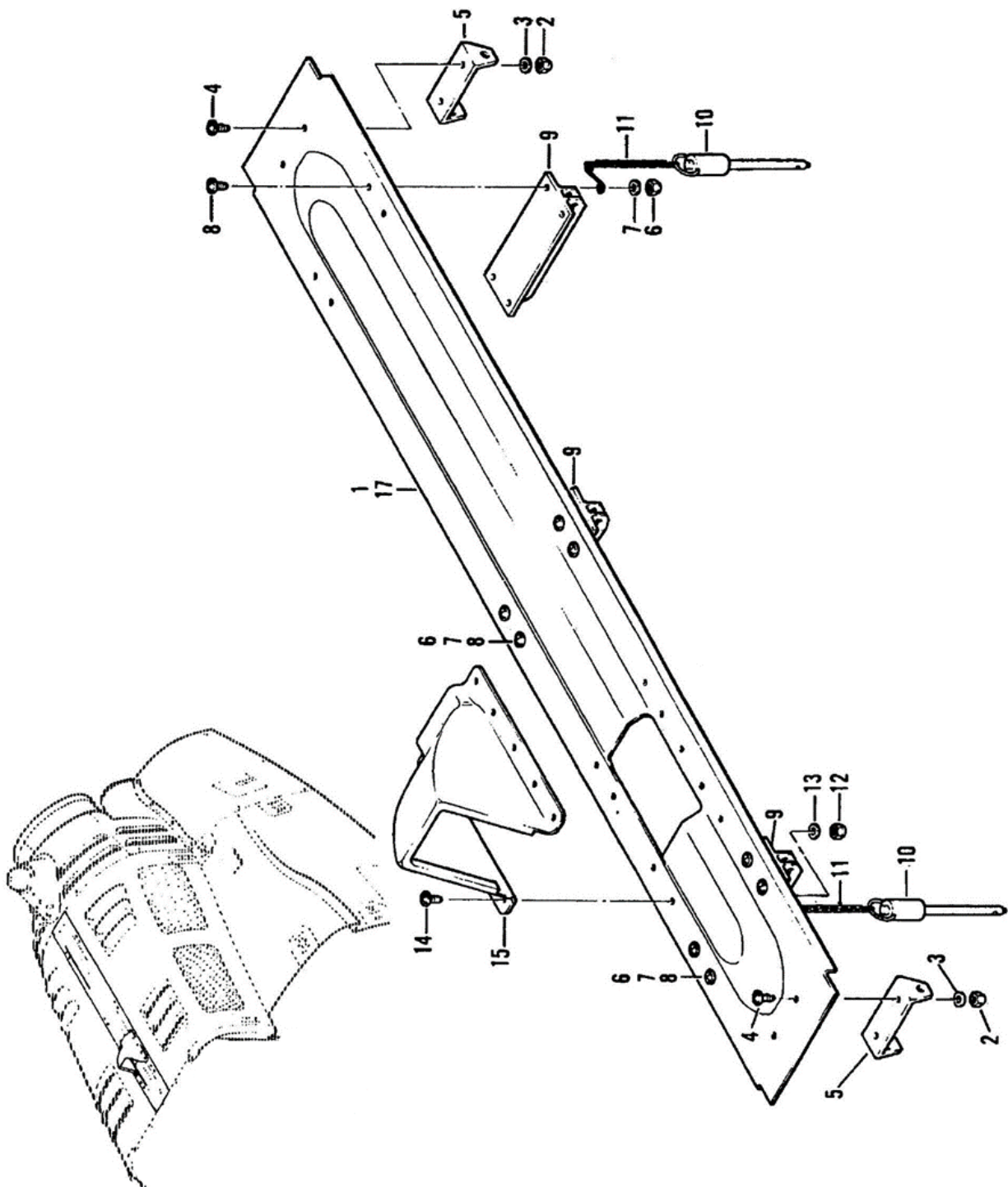


Figure 71-2 – Cowl Installation

71-00-00

Item	Part Number / Reference Designator	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

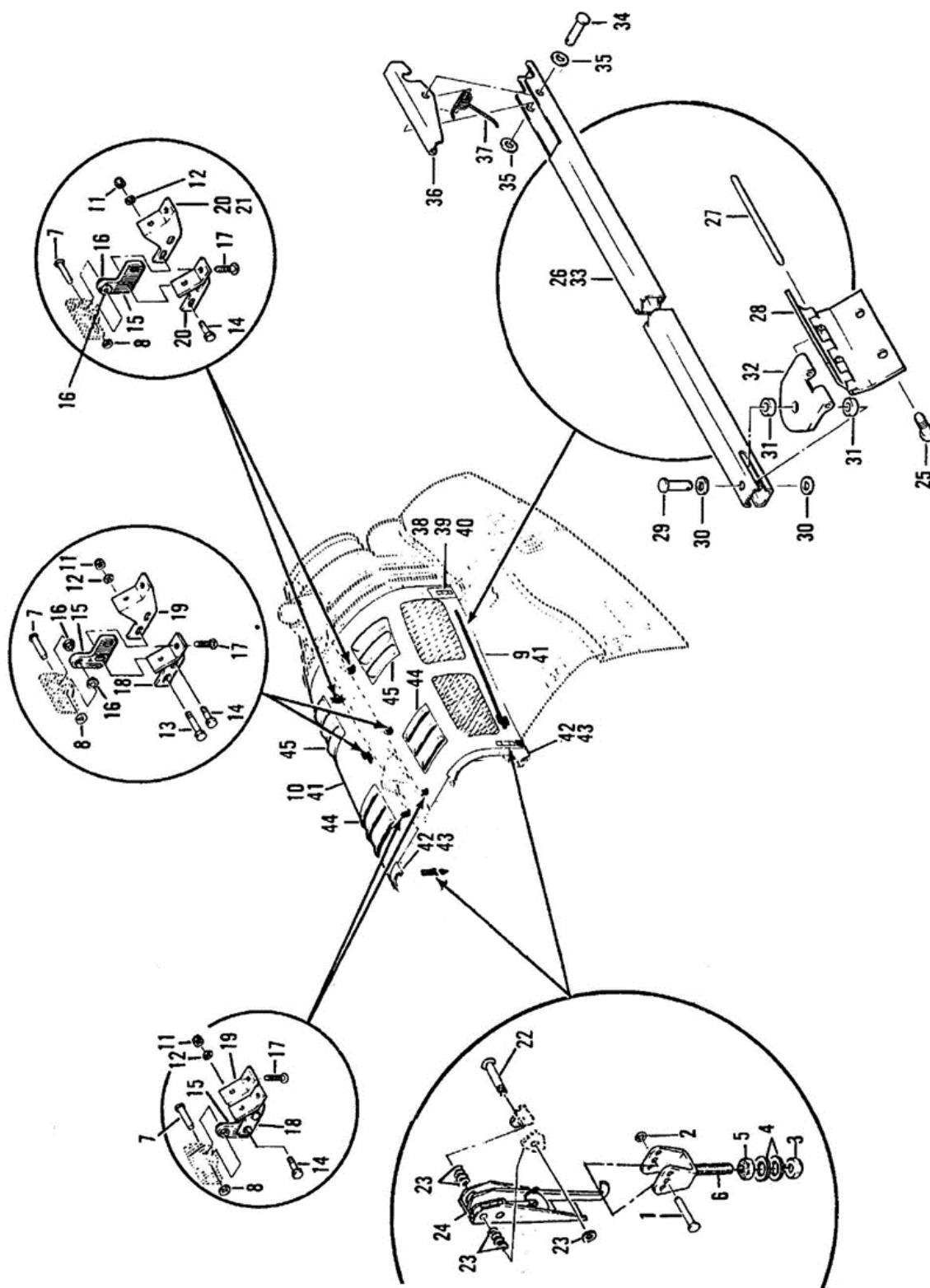


Figure 71-3 – Cowl Installation

71-00-00

Item	Part Number / Reference Designator	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	

71-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
44	205-060-807-013	Louver Assembly, LH	1	
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	

71-00-00

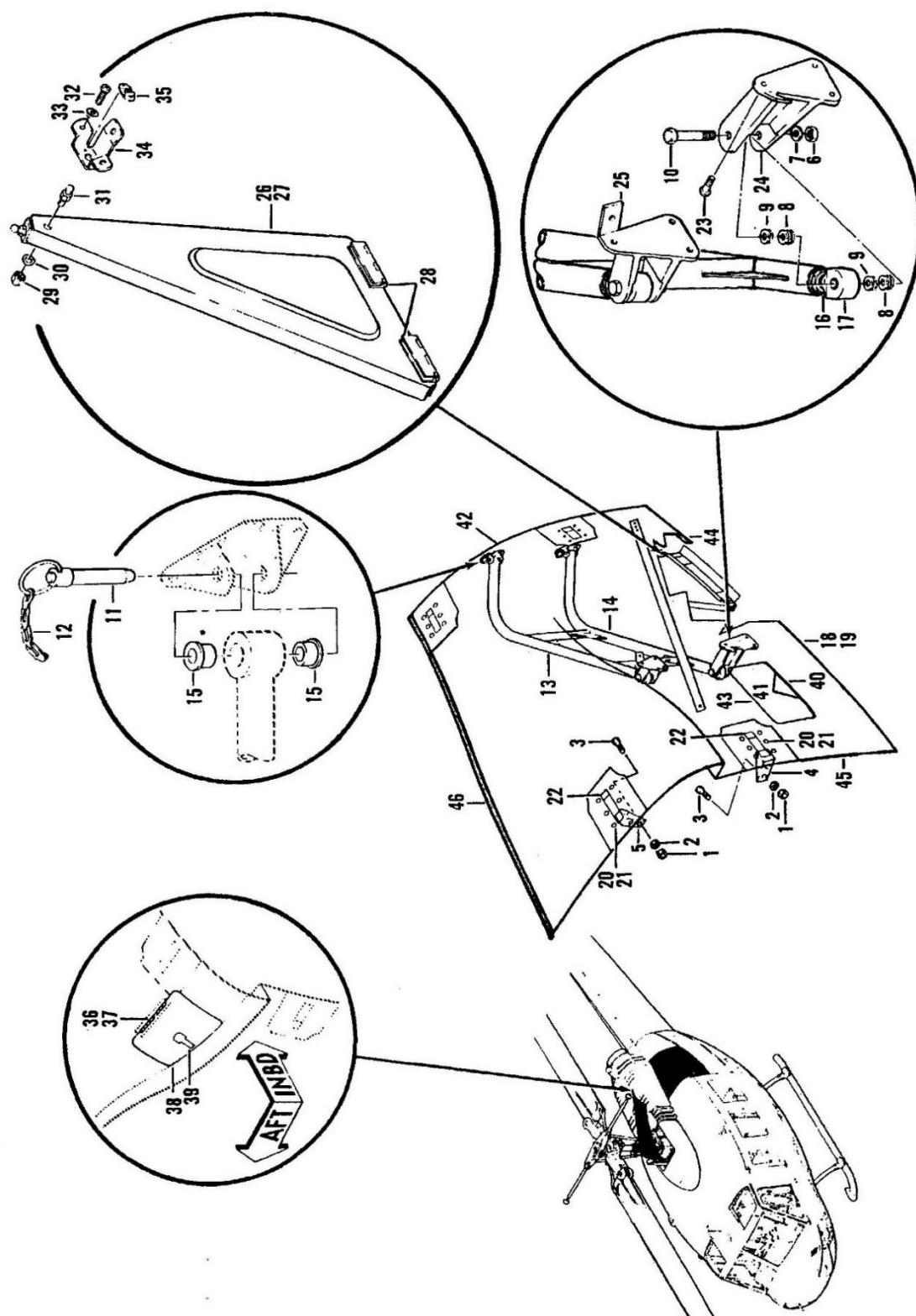


Figure 71-4 - Cowl Installation

71-00-00

Item	Part Number / Reference Designator	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	

71-00-00

Item	Part Number / Reference Designator	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

71-00-00

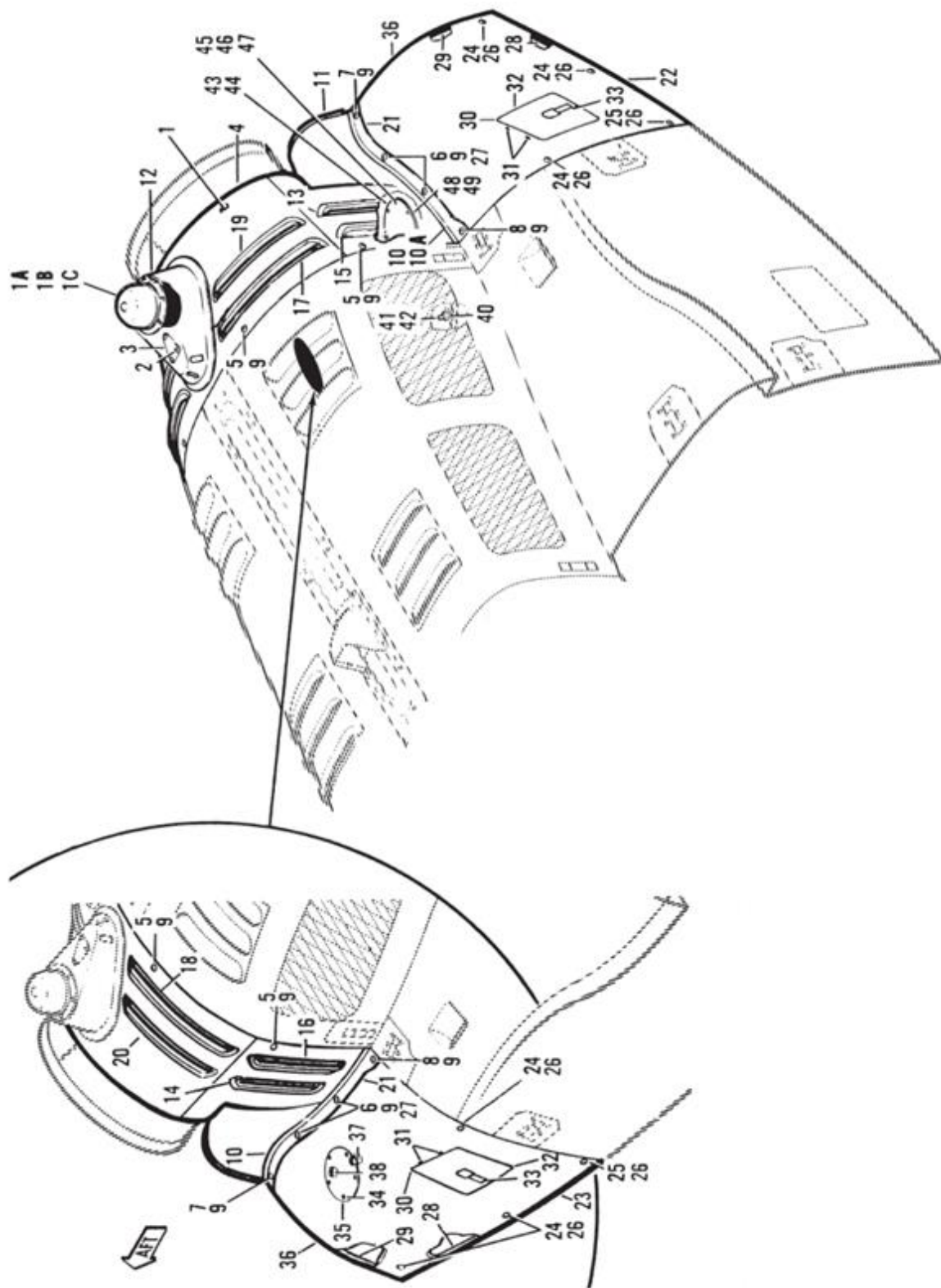


Figure 71-5 - Cowl Installation

71-00-00

Item	Part Number / Reference Designator	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	
41	NAS1149C0763R	Washer	1	

71-00-00

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

71-00-00

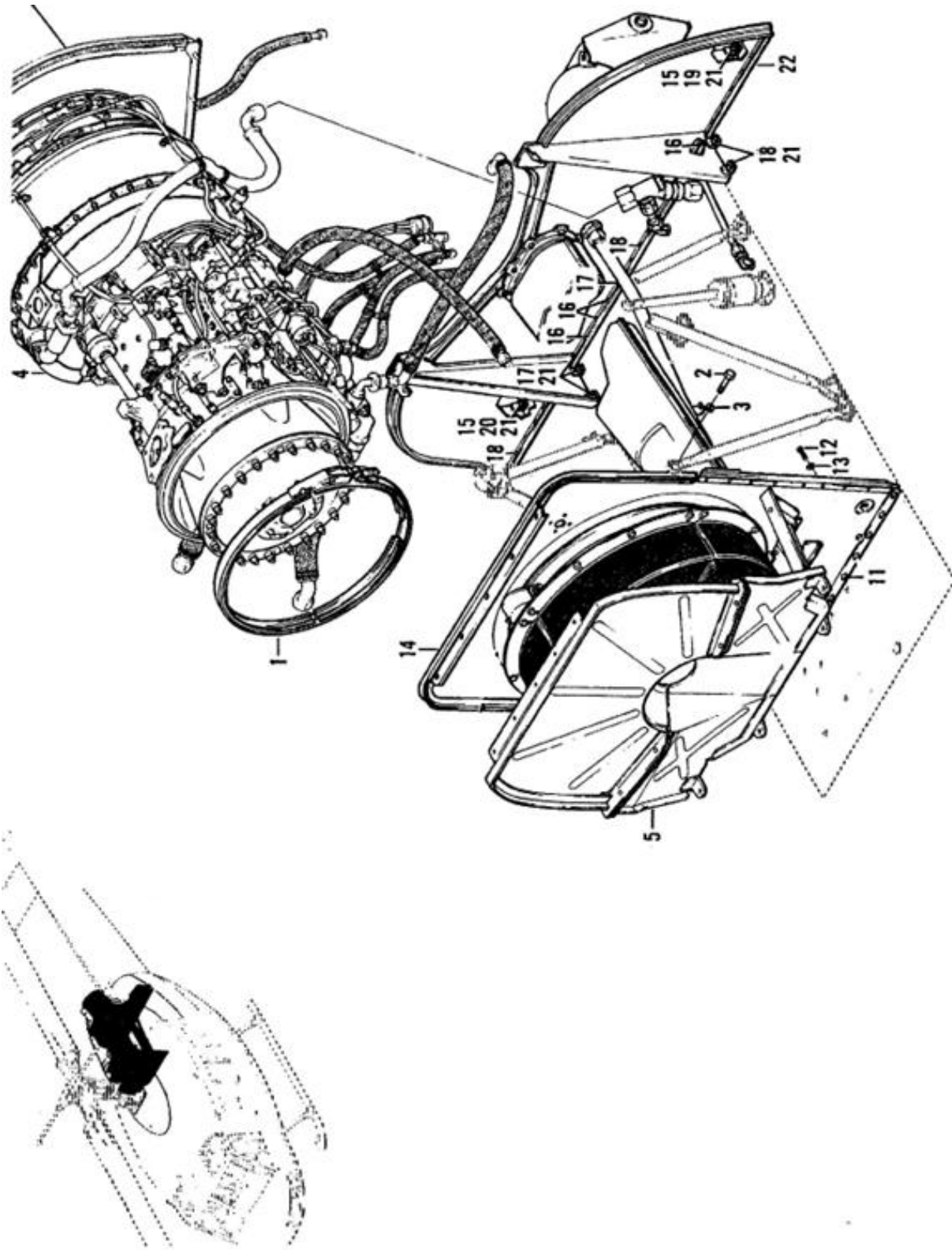


Figure 71-6 - Power Plant Installation

71-00-00

Item	Part Number / Reference Designator	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	

71-00-00



71-00-00

Item	Part Number / Reference Designator	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	B8	Motor, Governor RPM Actuator	1	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	

71-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
42	204-060-787-005	Cambox Assembly	1	
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	G5	Generator, Power Turbine Tachometer	1	1
55	S58	Switch, Eng Fuel Pump Press	1	1
55	S149	Switch, Eng Fuel Pump Press	1	1
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	

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

71-00-00

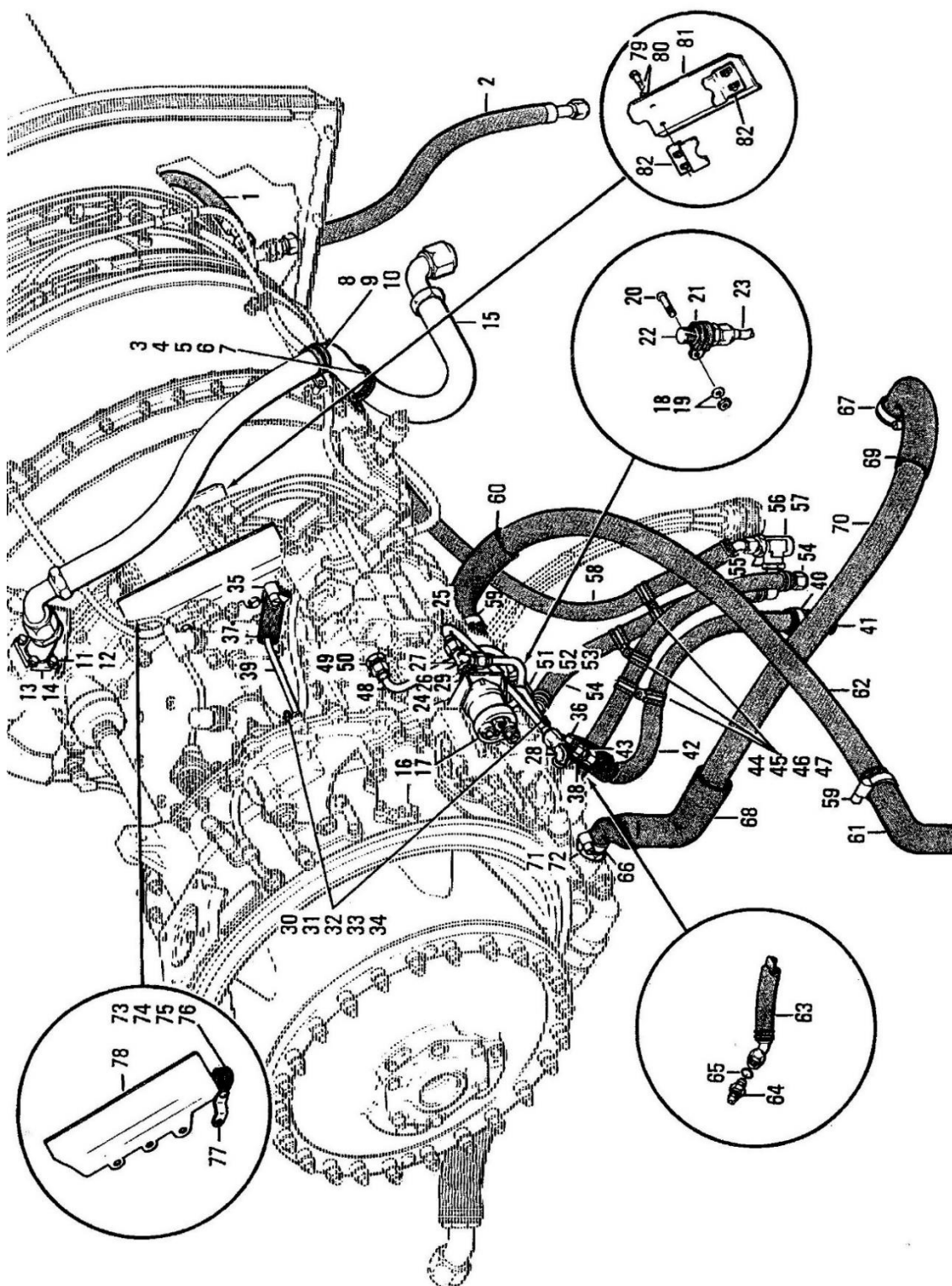


Figure 71-8 - Engine Assembly
(S/Ns 30817, 30687, and 30599)

71-00-00

Item	Part Number / Reference Designator	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	B3	Transmitter, Engine Oil Pressure	1	1
18	MS21042L3	Nut	1	
19	NAS1149C0332R	Washer	1	
20	MS52958-63	Screw	1	
21	MS21919WCF11	Clamp	1	
22	S100	Switch, Eng Oil Pressure	1	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	

71-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
46	MS35207-262	Screw	3	
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	

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

71-00-00

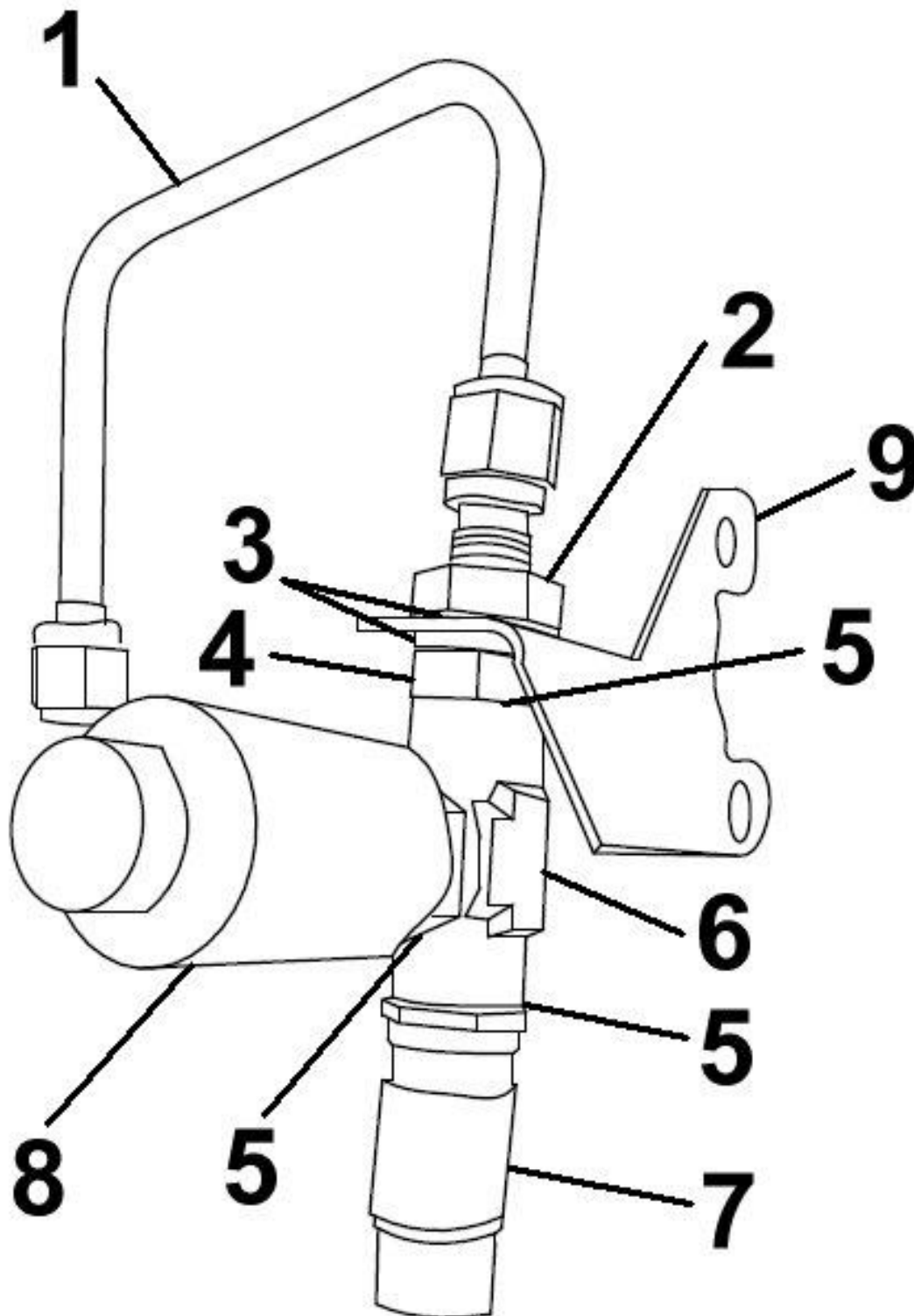


Figure 71-9 - Engine Assembly, Pressure Transducer
(All S/Ns except 30817, 30599, 30687)

71-00-00

Item	Part Number / Reference Designator	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	S100	Switch, Eng Oil Pressure	1	1
8	B3	Transmitter, Engine Oil Pressure	1	1
9	D212-725-1-257	Bracket	1	

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

71-00-00

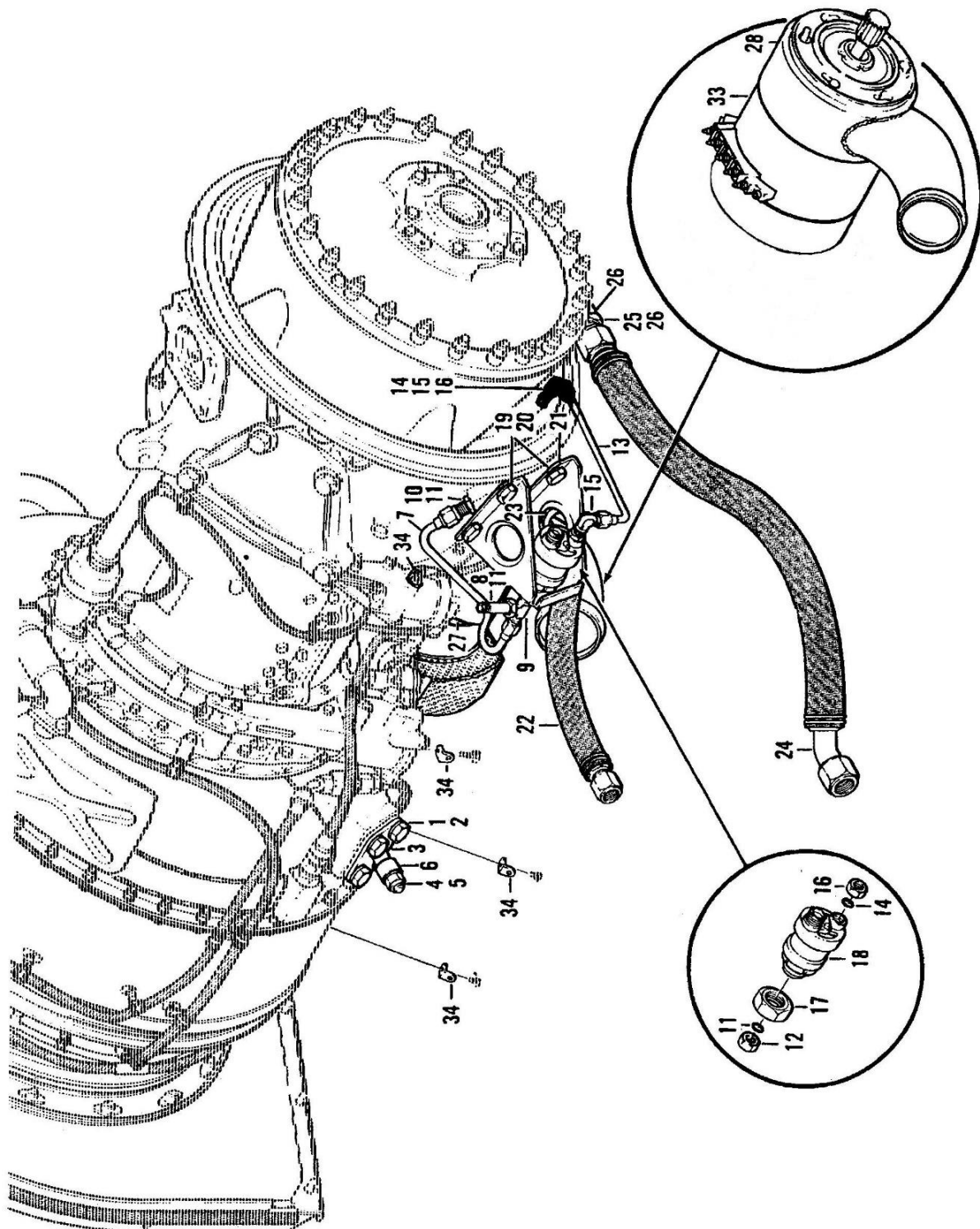


Figure 71-10 - Engine Assembly
(S/Ns 30817, 30687, and 30599)

71-00-00

Item	Part Number / Reference Designator	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	S73	Switch, Engine Torque Press	1	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	G3	Generator, Gas Producer Generator	1	1
28	G1	Starter/Generator	1	1
34	20-032-1	Bracket	4	

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

71-00-00

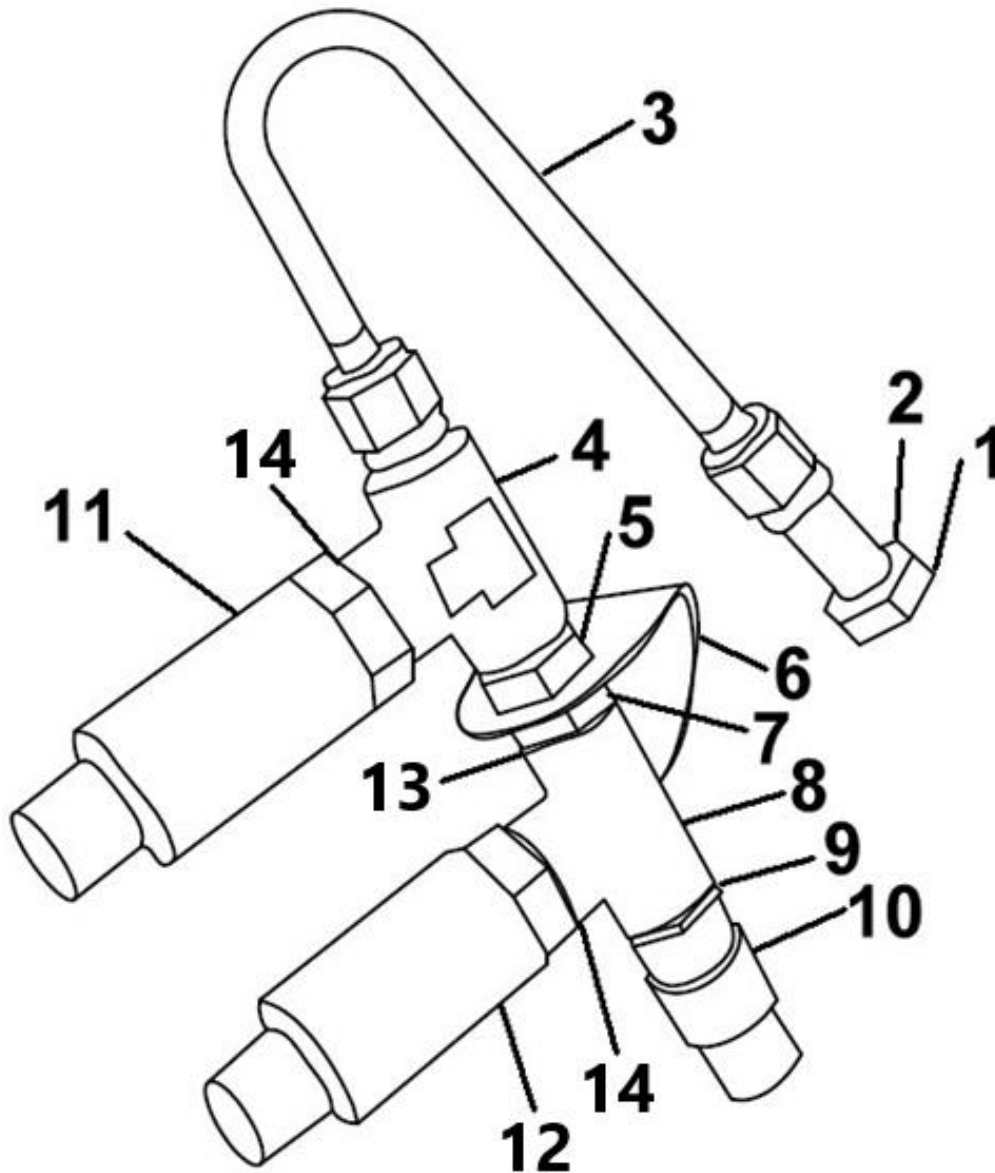


Figure 71-11 – Engine Assembly, Torque Transducer
(All S/Ns except 30817, 30576, 30687, 30599, and 30931)

71-00-00

Item	Part Number / Reference Designator	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	S73	Switch, Engine Torque Press	1	1
11	B1	Transmitter, Pilot Torque Pressure	1	1
12	B44	Transmitter, Copilot Torque Pressure	1	1
13	M83248/1-904	Packing, Preformed	1	
14	M83248/1-904	Packing, Preformed	2	

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

71-00-00

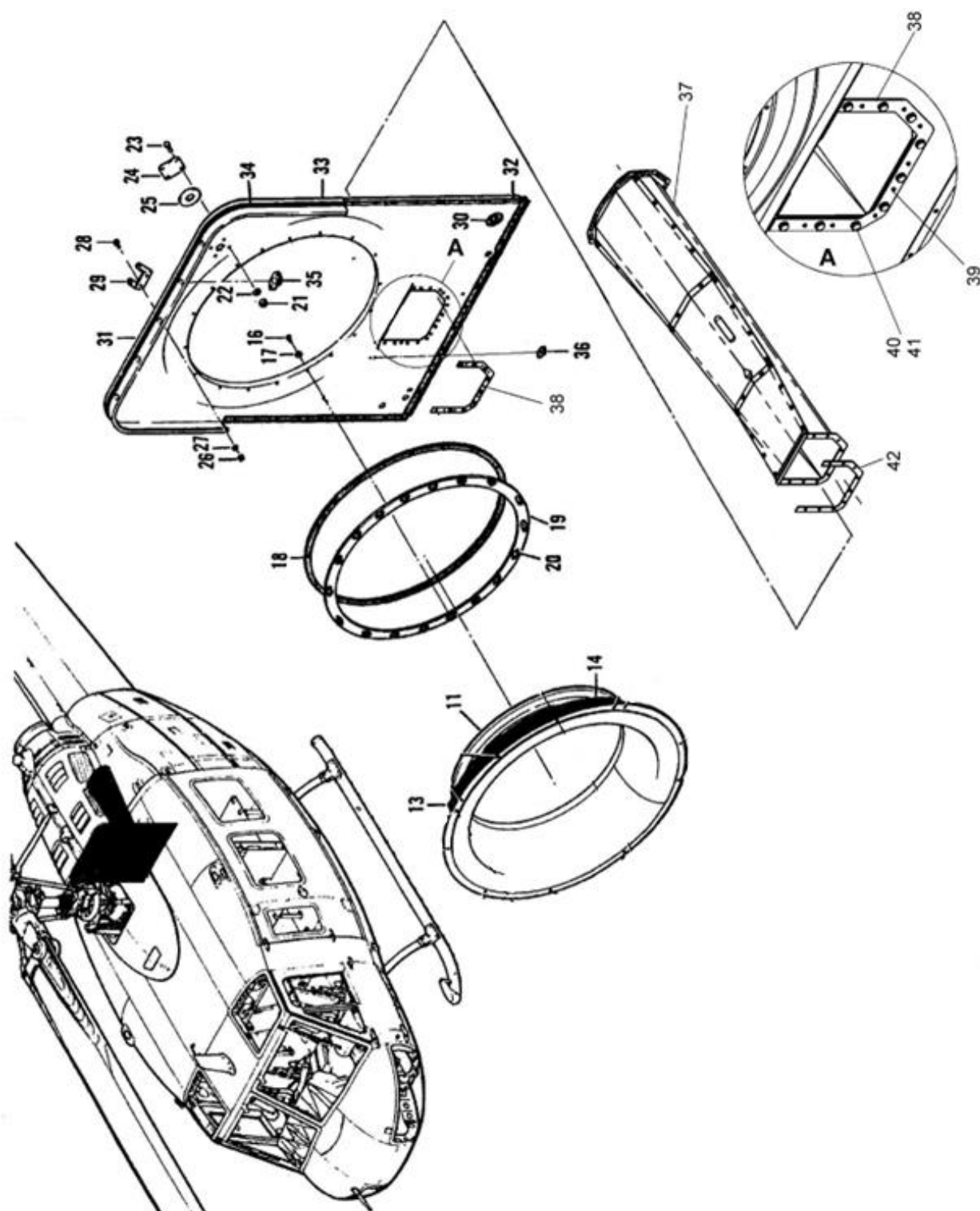


Figure 71-12 - Firewall Assembly, Forward and Fireshield Installation, Tail Rotor Driveshaft

71-00-00

Item	Part Number / Reference Designator	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

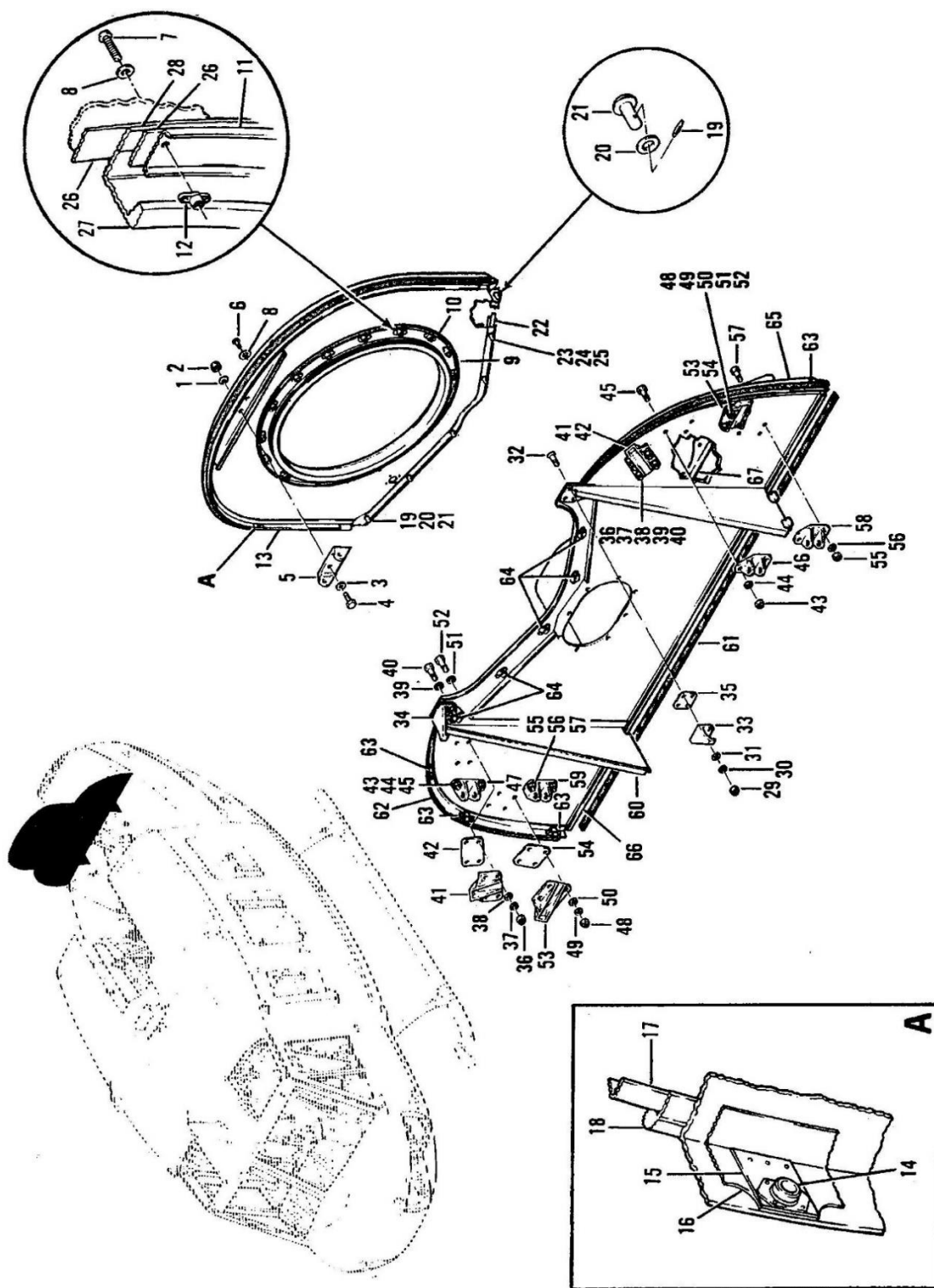


Figure 71-13 - Firewall Assembly, Aft, Upper and Lower

71-00-00

Item	Part Number / Reference Designator	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	

71-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
38	NAS1149C0363R	Washer	8	
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

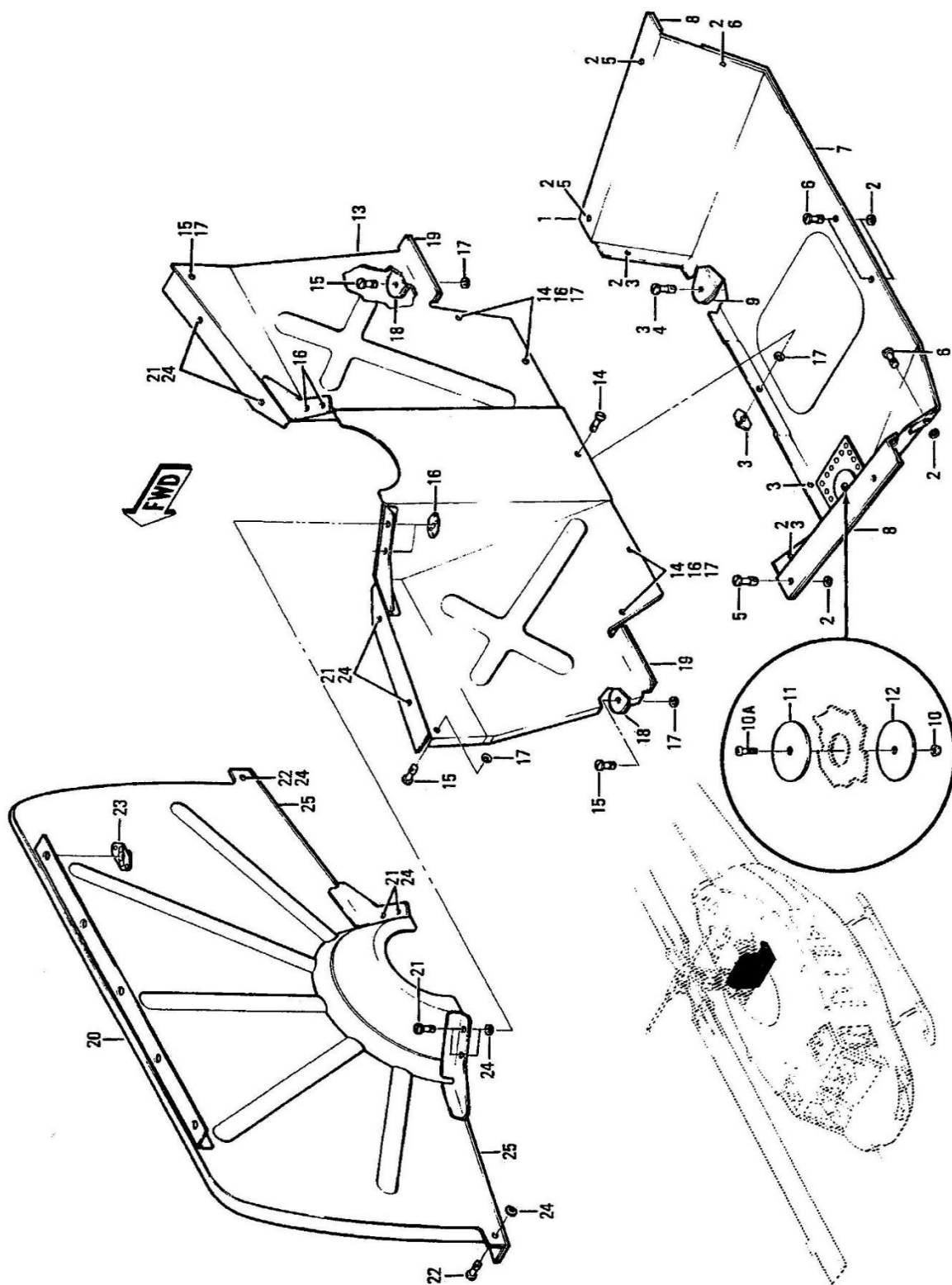


Figure 71-14 - Baffle Assembly, Induction

71-00-00

Item	Part Number / Reference Designator	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

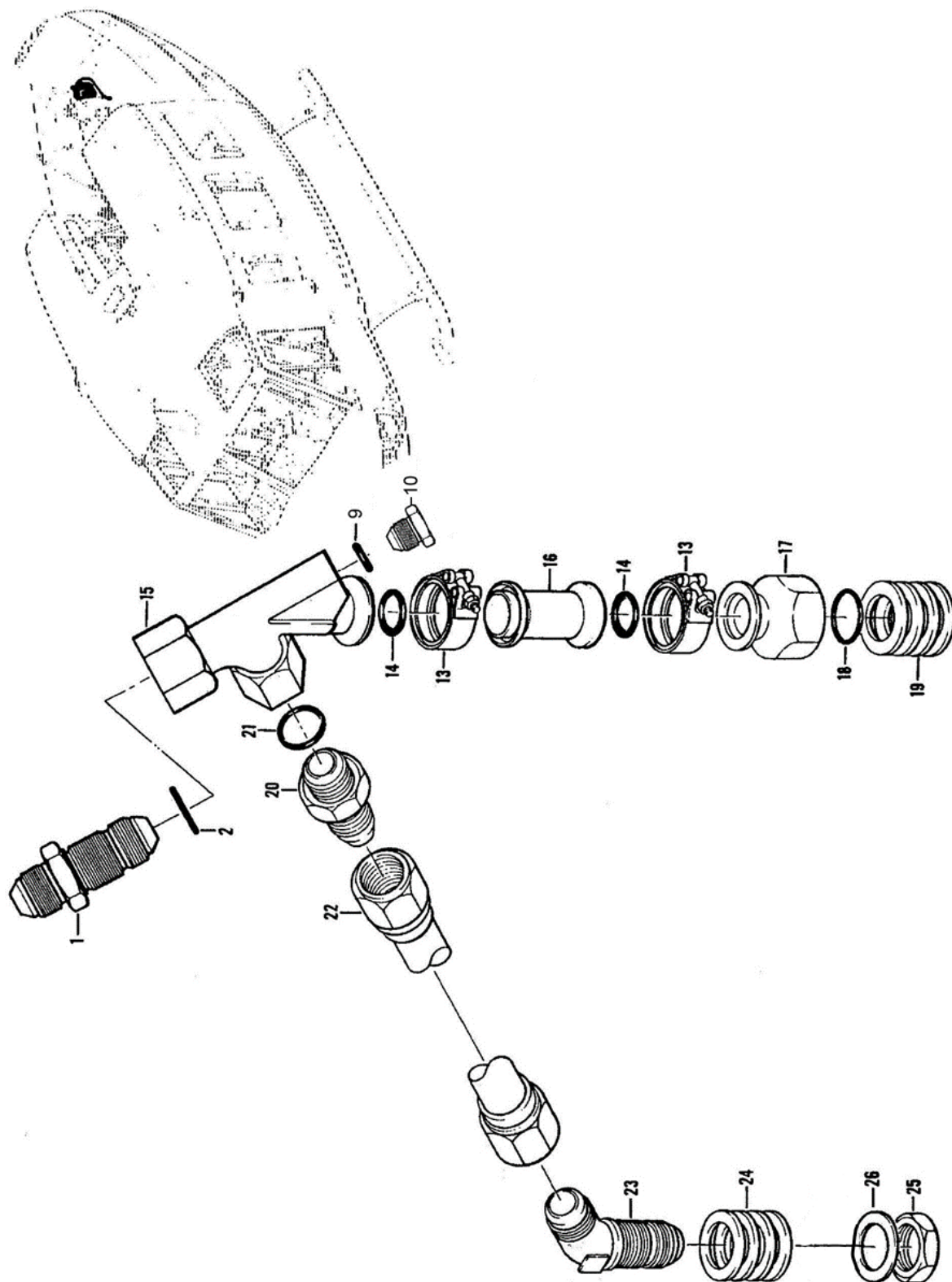


Figure 71-15 - Bleed Air Installation, Turbo Blower and Cabin Heat

71-00-00

Item	Part Number / Reference Designator	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

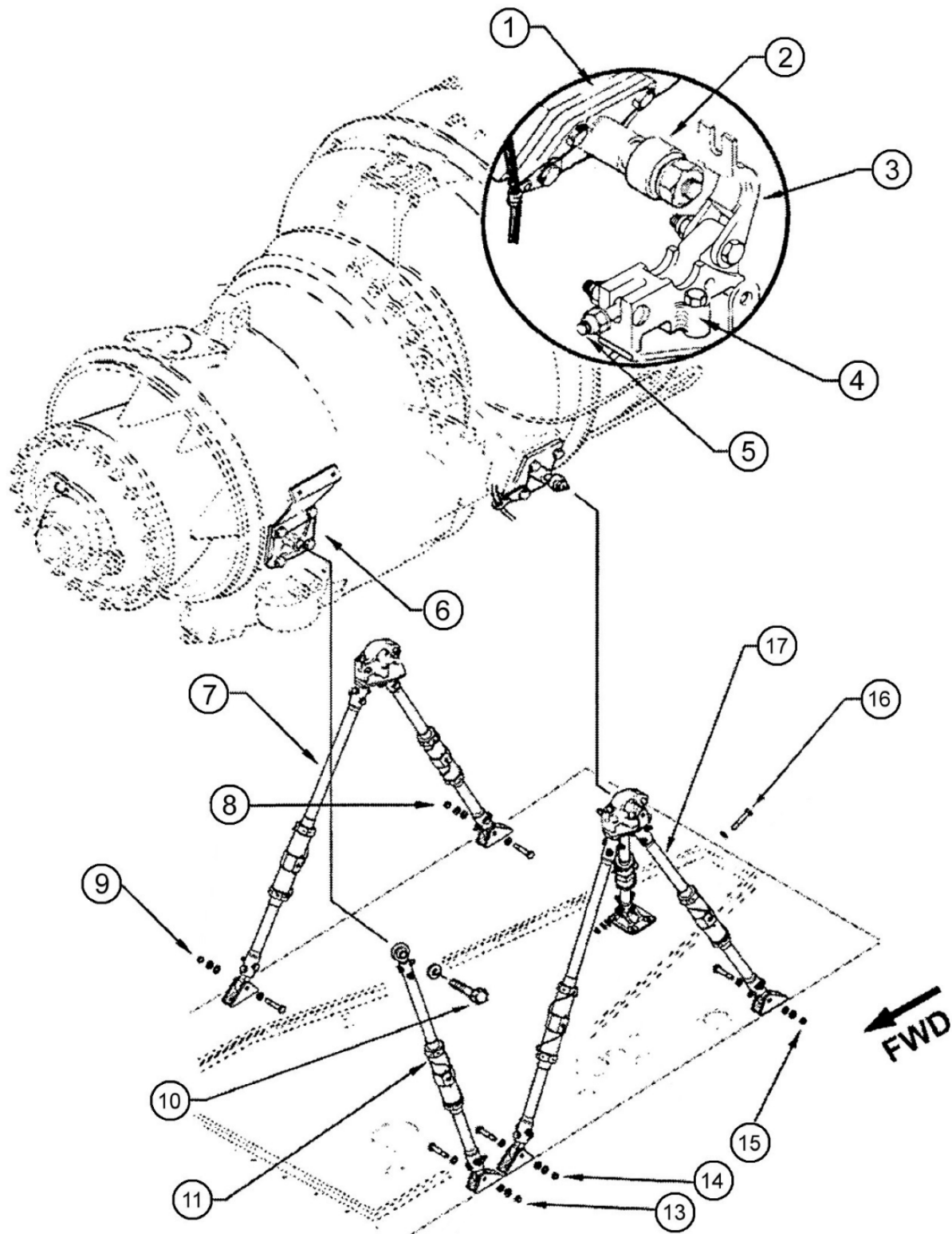


Figure 71-16 - Engine Mount Assembly

71-00-00

Item	Part Number / Reference Designator	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 Mount Assembly	1	
12	Reserved			
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	

71-00-00

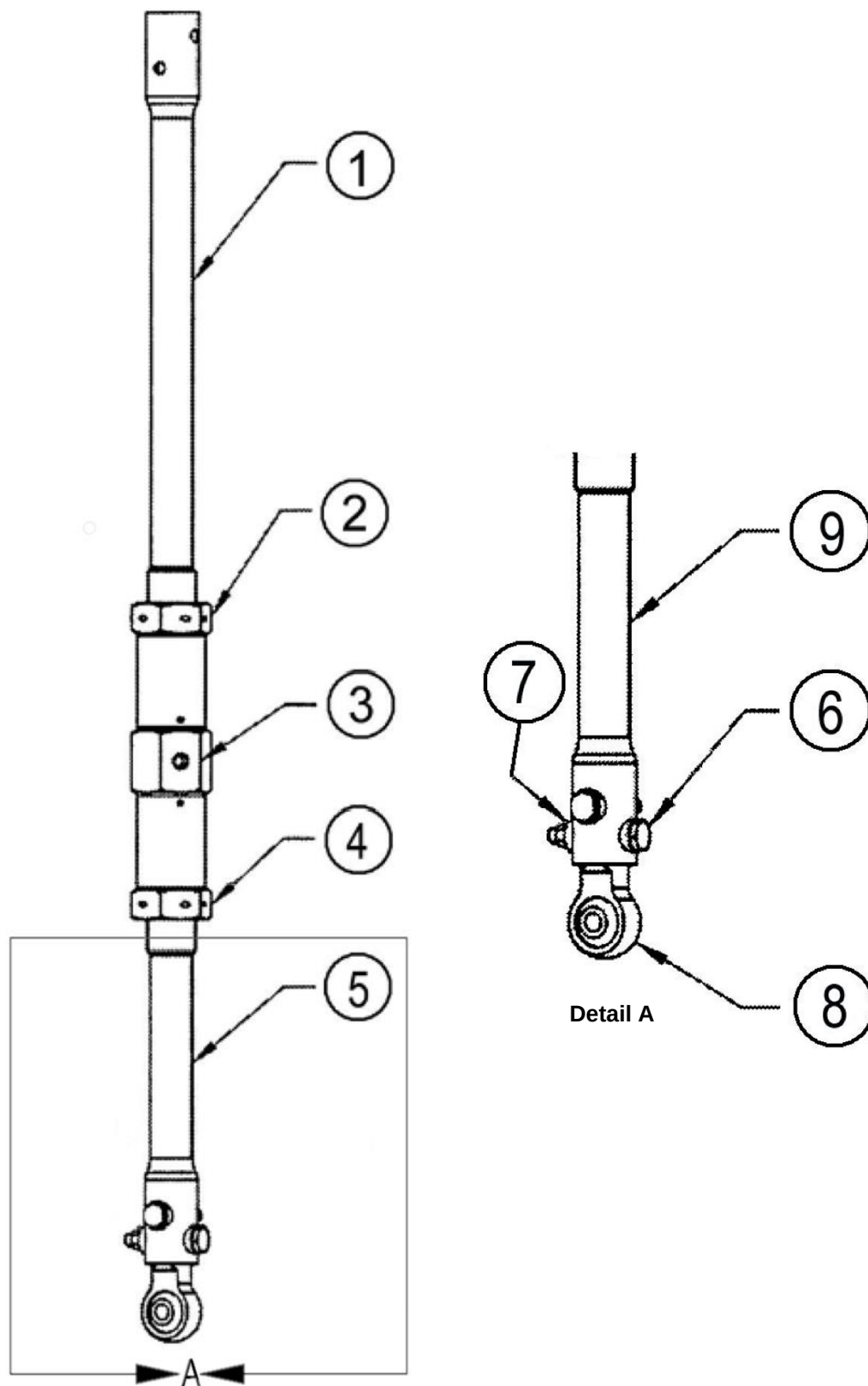


Figure 71-17 - Engine Mount Detail (Bipod and Tripod) (Sheet 1 of 2)

71-00-00

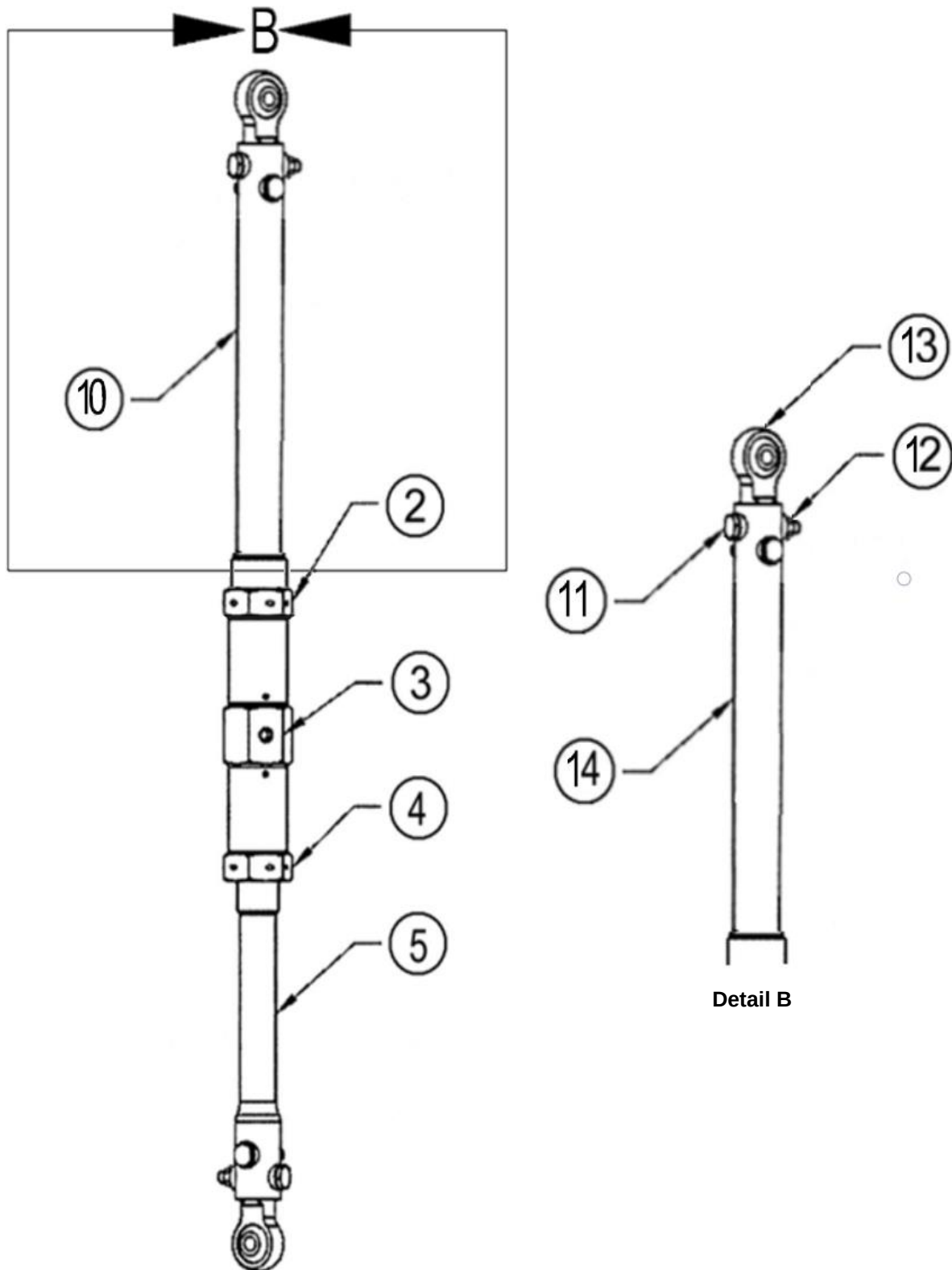


Figure 71-18 – Engine Mount Detail (Monopod) (Sheet 2 of 2)

71-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 71-17 and Figure 71-18				
	D3684-041	Tripod Mount Assembly		
	D3684-045	Inboard Leg Assembly		
1	D3688-5	Stud	1	
2	NAS509L12C	Nut	1	
3	D3689-1	Sleeve	1	
4	NAS509-12C	Nut	1	
5	D3691-041	Stud Assembly	1	
6	HL32PB8-14	Pin	2	
7	HL86-8	Collar	2	
8	D3693-1 047-140-252-005	Rod End Bearing	1	
9	D3691-1	Stud	1	
	D3684-047	FWD Leg Assembly		
1	D3688-1	Stud	1	
2	NAS509L12C	Nut	1	
3	D3689-1	Sleeve	1	
4	NAS509-12C	Nut	1	
5	D3691-041	Stud Assembly	1	
6	HL32PB8-14	Pin	2	
7	HL86-8	Collar	2	
8	D3693-1 047-140-252-005	Rod End Bearing	1	
9	D3691-1	Stud	1	
	D3684-049	AFT Leg Assembly		
1	D3688-3	Stud	1	
2	NAS509L12C	Nut	1	
3	D3689-1	Sleeve	1	
4	NAS509-12C	Nut	1	
5	D3691-041	Stud Assembly	1	
6	HL32PB8-14	Pin	2	
7	HL86-8	Collar	2	
8	D3693-1 047-140-252-005	Rod End Bearing	1	
9	D3691-1	Stud	1	
	D3685-041	Bipod Mount Assembly		
	D3684-047	FWD Leg Assembly		
1	D3688-1	Stud	1	
2	NAS509L12C	Nut	1	
3	D3689-1	Sleeve	1	
4	NAS509-12C	Nut	1	
5	D3691-041	Stud Assembly	1	
6	HL32PB8-14	Pin	2	
7	HL86-8	Collar	2	
8	D3693-1 047-140-252-005	Rod End Bearing	1	

71-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
9	D3691-1	Stud	1	
	D3684-049	AFT Leg Assembly		
1	D3688-3	Stud	1	
2	NAS509L12C	Nut	1	
3	D3689-1	Sleeve	1	
4	NAS509-12C	Nut	1	
5	D3691-041	Stud Assembly	1	
6	HL32PB8-14	Pin	2	
7	HL86-8	Collar	2	
8	D3693-1 047-140-252-005	Rod End Bearing	1	
9	D3691-1	Stud	1	
	D3686-041	Monopod Assembly		
2	NAS509L12C	Nut	1	
3	D3689-1	Sleeve	1	
4	NAS509-12C	Nut	1	
5	D3691-041	Stud Assembly	1	
6	HL32PB8-14	Pin	2	
7	HL86-8	Collar	2	
8	D3693-1 047-140-252-005	Rod End Bearing	1	
9	D3691-1	Stud	1	
10	D3688-047	Stud Assembly	1	
11	HL32PB8-11	Pin	2	
12	HL86-8	Collar	2	
13	D3693-3 205-060-101-001	Rod End Bearing	1	
14	D3688-7	Stud	1	

71-00-00

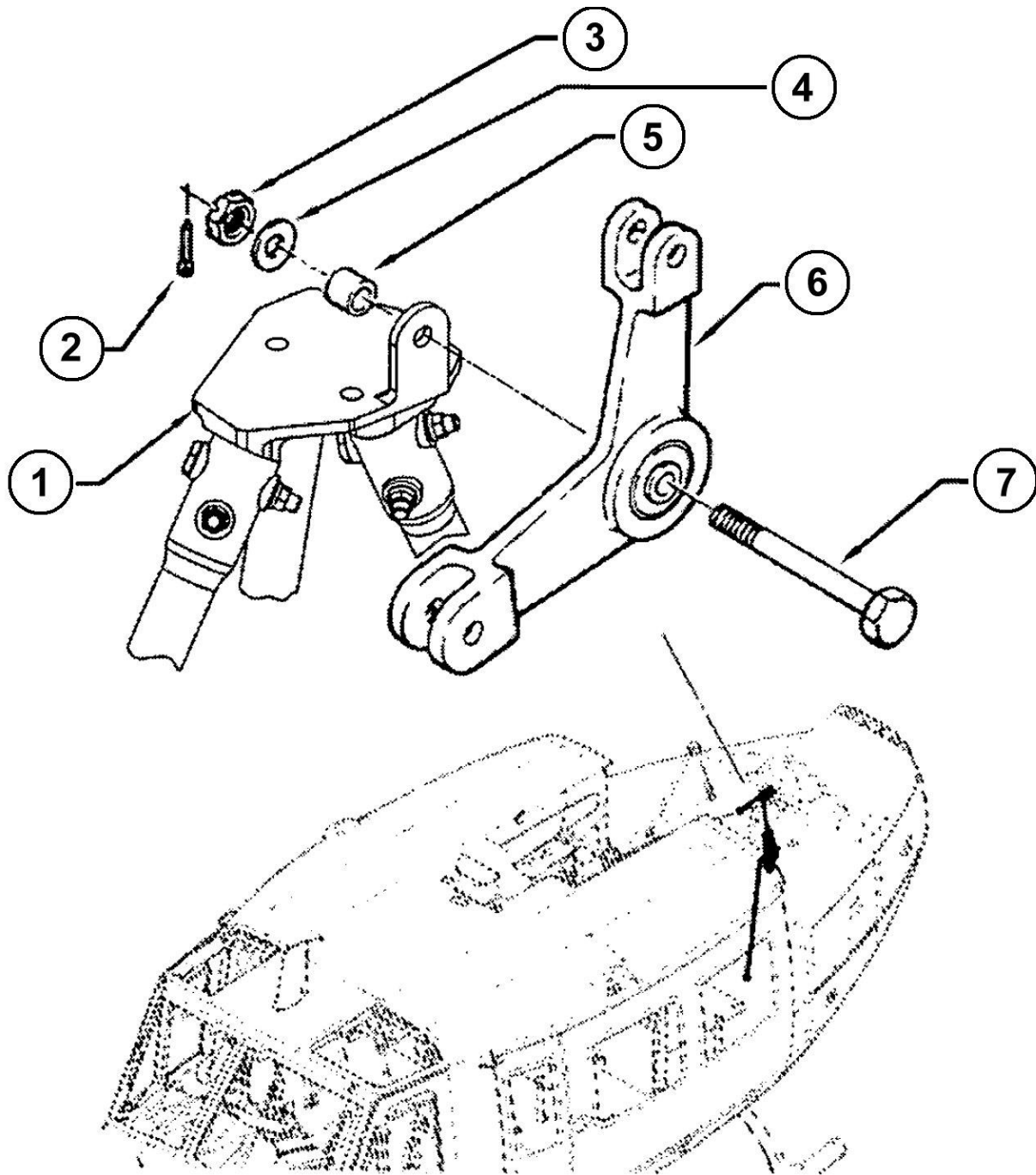


Figure 71-19 - Throttle Lever Installation

71-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 71-19				
1	D3687-1	Mount, LH (Tripod)	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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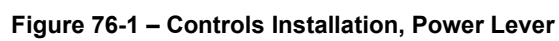
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CHAPTER 76 – ENGINE CONTROLS (76-00-00)

LIST OF FIGURES

Figure 76-1 – Controls Installation, Power Lever.....	3
Figure 76-2 – Controls Installation, Power Lever.....	6
Figure 76-3 – Controls Installation, Droop Compensator	9
Figure 76-4 – Fuel Tank Drain	11

76-00-00



76-00-00

Item	Part Number / Reference Designator	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	

76-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
45	NAS1149C0432R	Washer	1	
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	

76-00-00

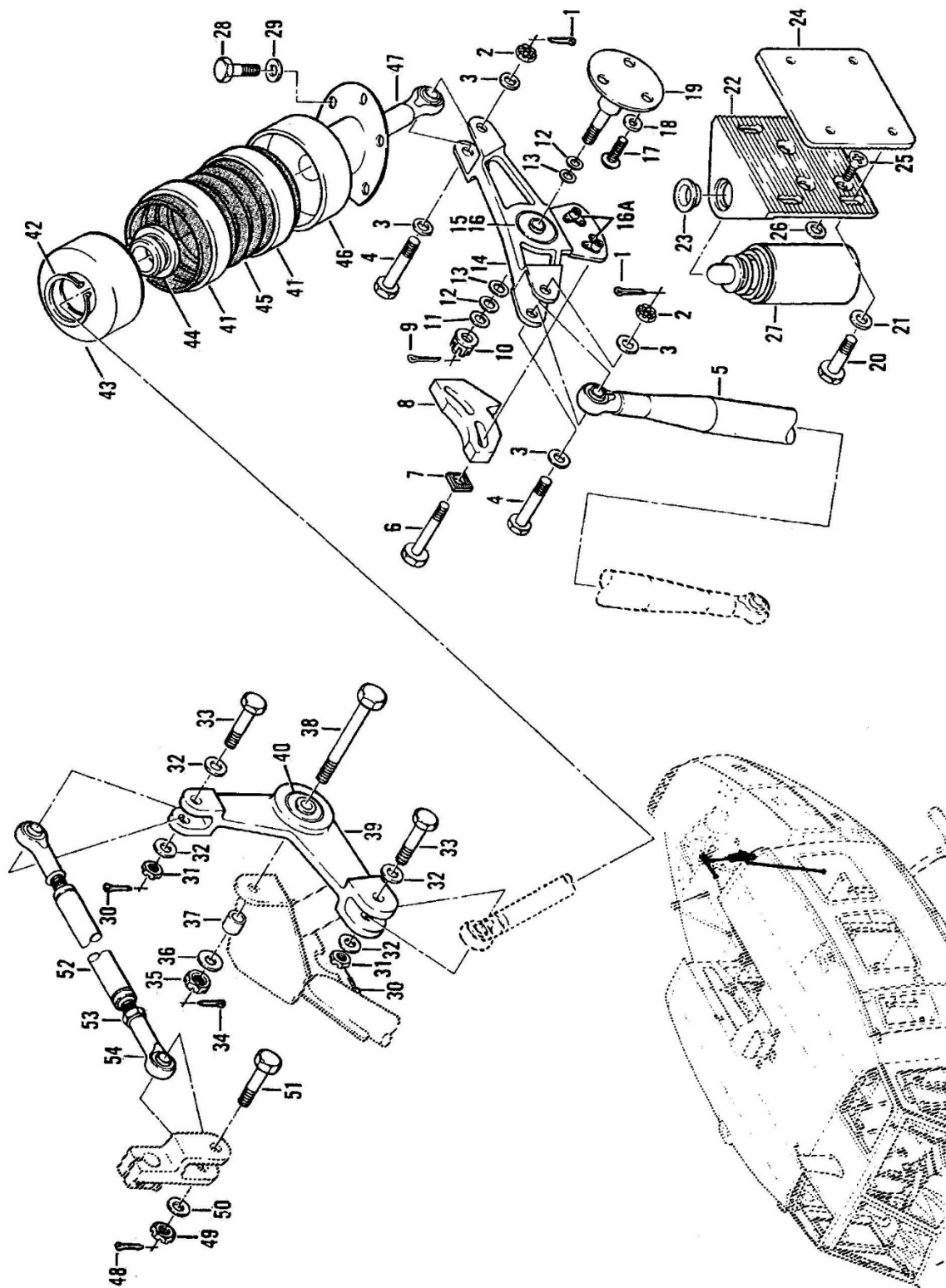


Figure 76-2 – Controls Installation, Power Lever

76-00-00

Item	Part Number / Reference Designator	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	L5	Solenoid, Idle Stop	1	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	

76-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
45	205-060-732-001	Boot Assembly	1	
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	

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

76-00-00

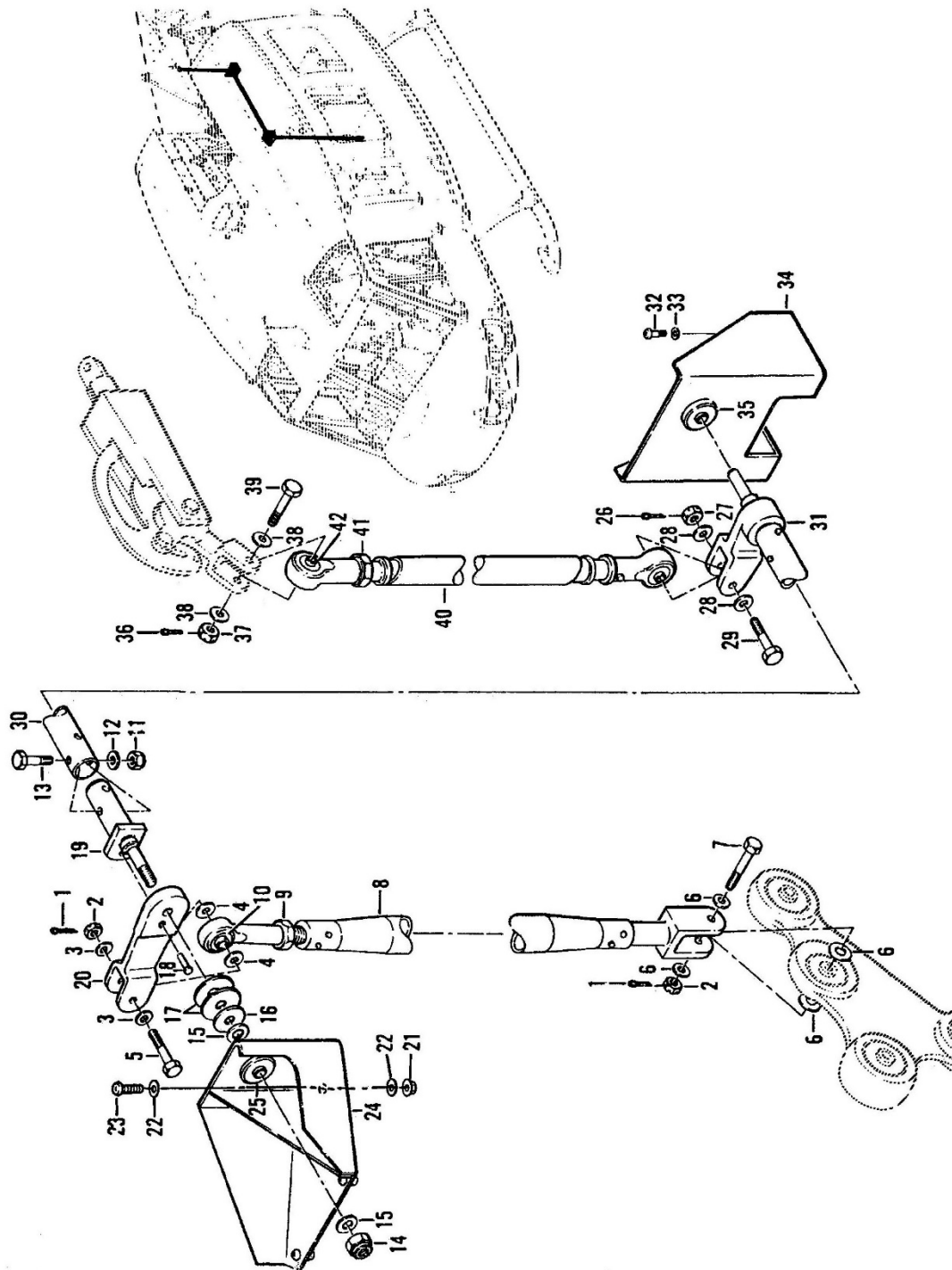


Figure 76-3 – Controls Installation, Droop Compensator

76-00-00

Item	Part Number / Reference Designator	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	Belcrank	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	Belcrank	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

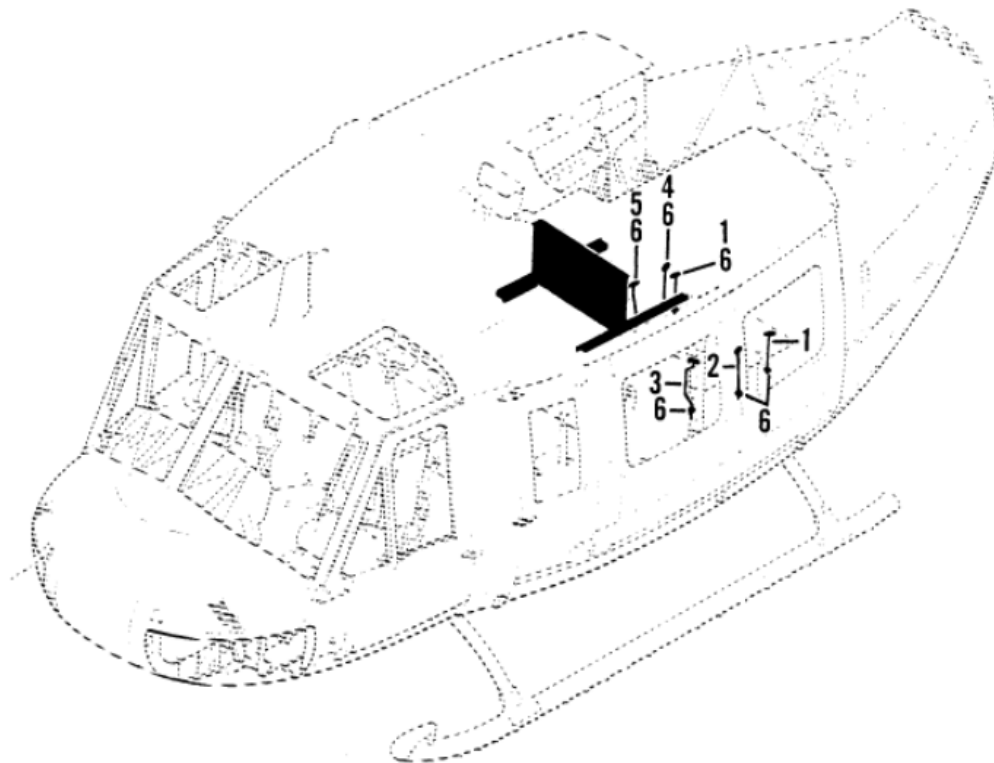


Figure 76-4 – Fuel Tank Drain

76-00-00

Item	Part Number / Reference Designator	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)

LIST OF FIGURES

Figure 79-1 – Engine Oil System Installation.....	3
Figure 79-2 – Oil System Installation	5
Figure 79-3 – Oil System Installation	7
Figure 79-4 - Oil System Installation.....	11
Figure 79-5 - Turbine Fan Assembly, Engine Oil Cooling	13

79-00-00

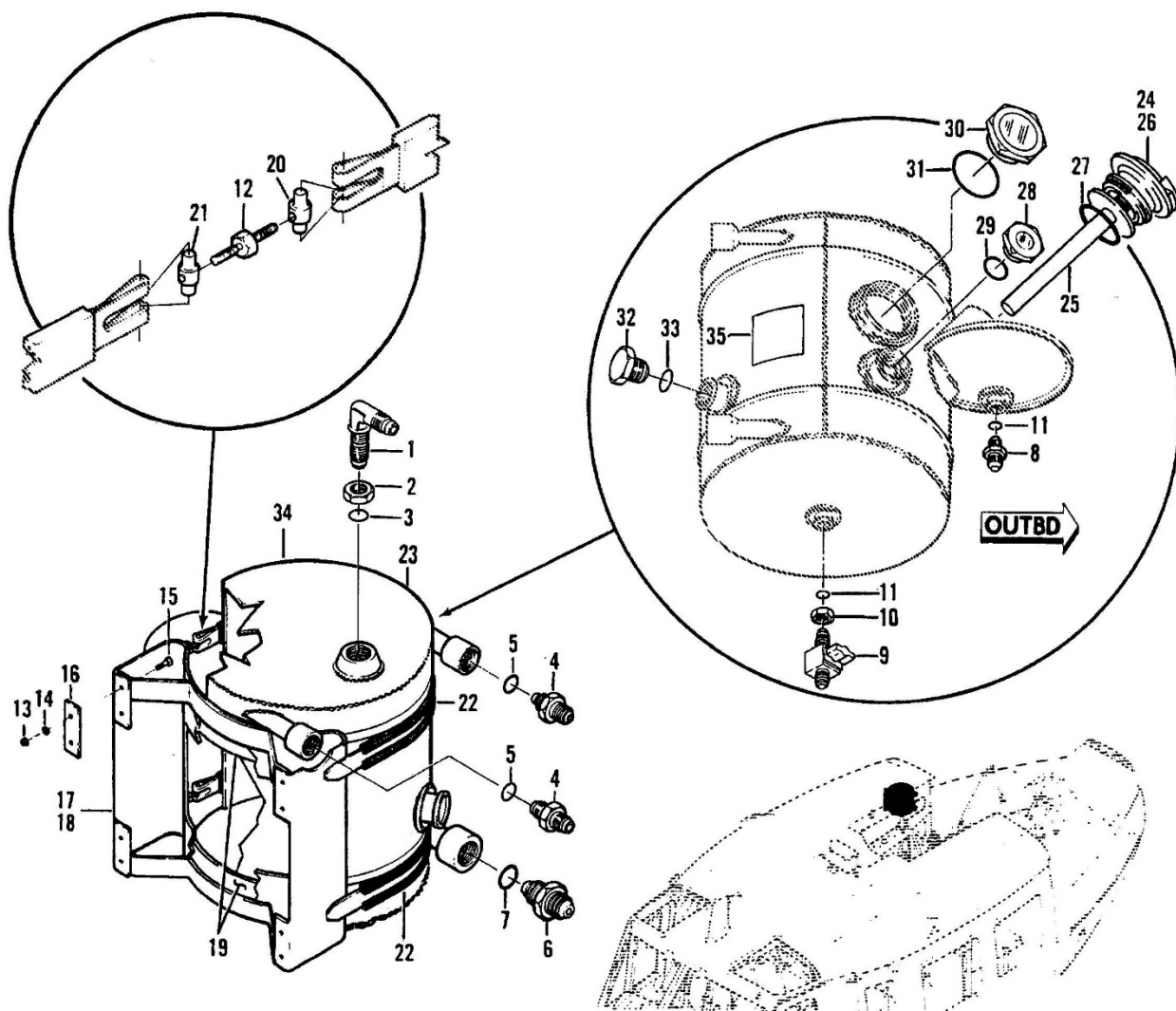


Figure 79-1 – Engine Oil System Installation

79-00-00

Item	Part Number / Reference Designator	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

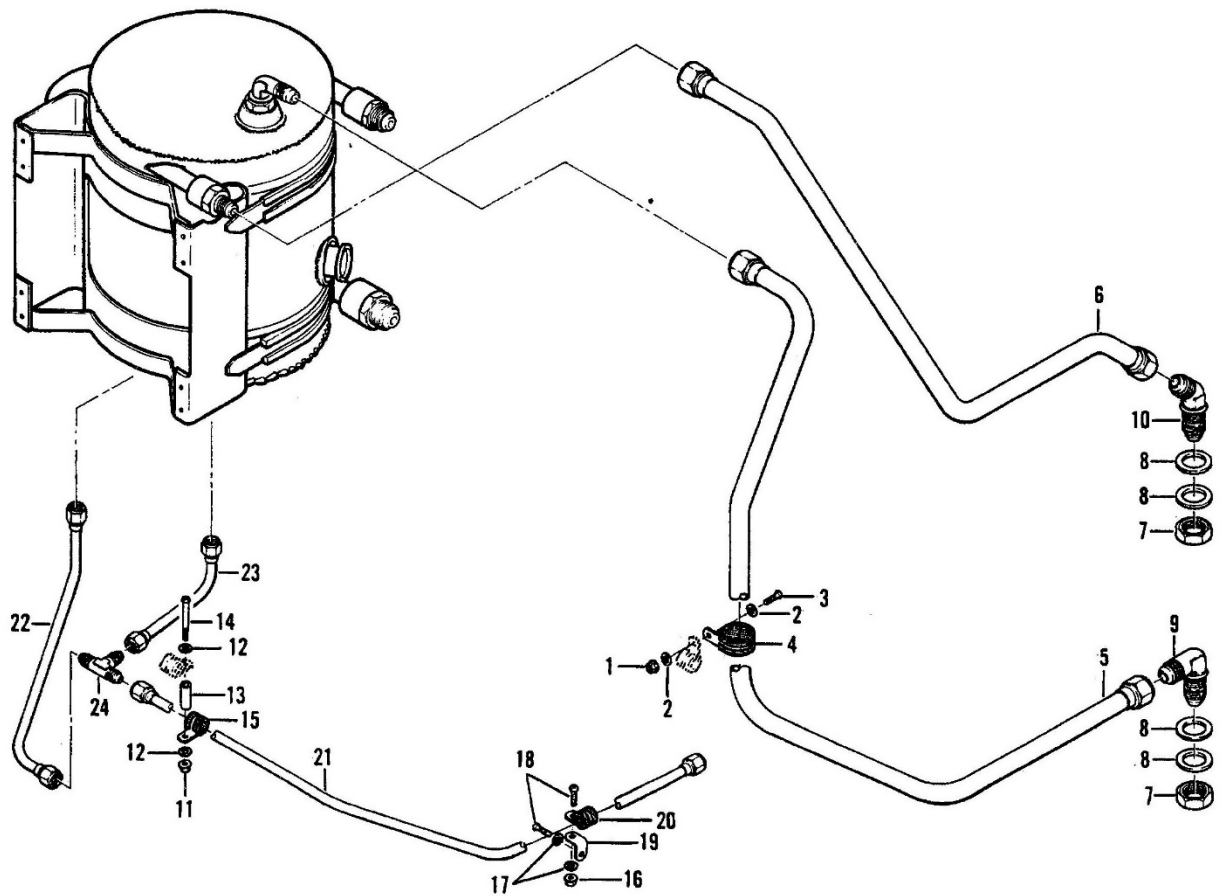


Figure 79-2 – Oil System Installation

79-00-00

Item	Part Number / Reference Designator	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	

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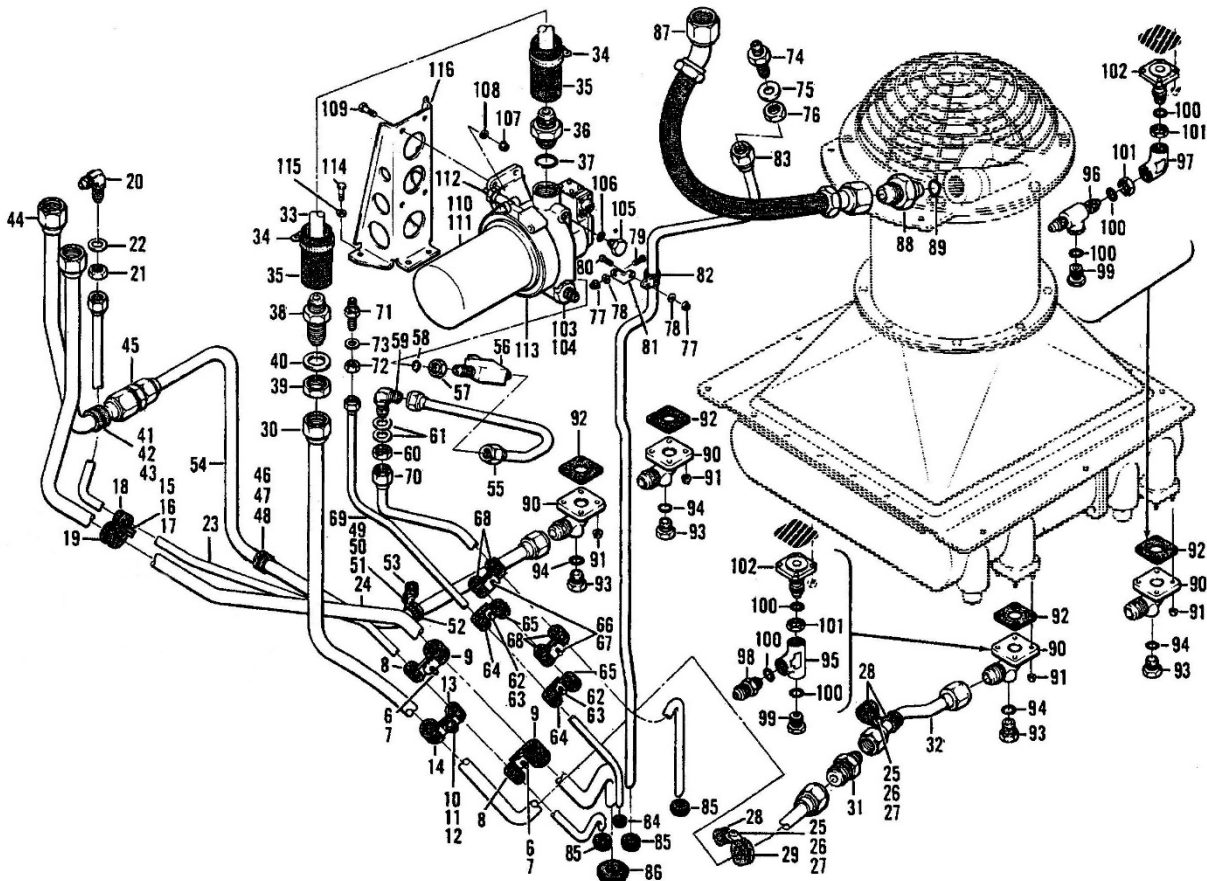


Figure 79-3 – Oil System Installation

79-00-00

Item	Part Number / Reference Designator	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	205-060-582-001	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 / Reference Designator	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	E212-3002-041	Oil Drain 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	

79-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
91	MS21042L3	Nut	16	
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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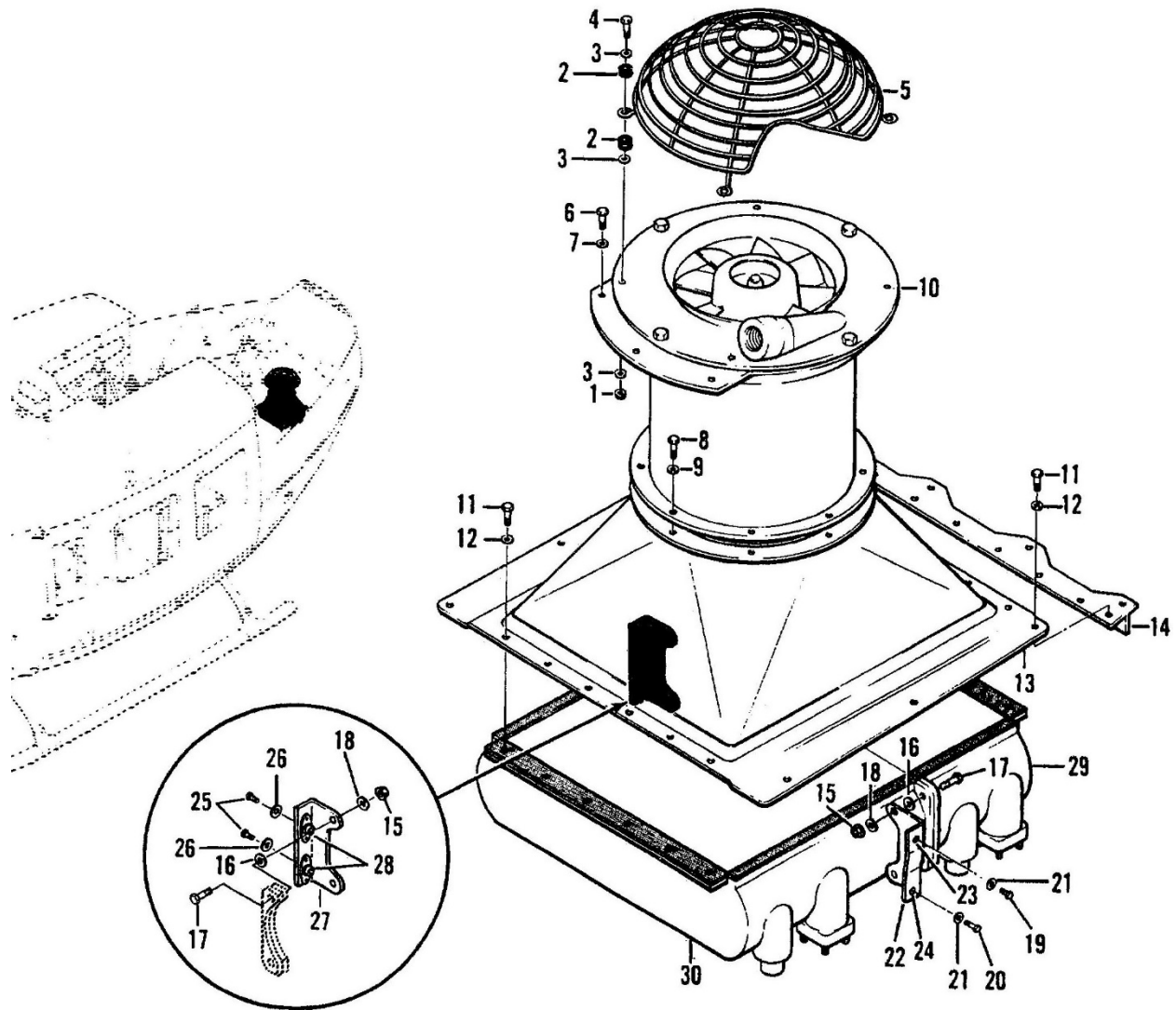


Figure 79-4 - Oil System Installation

79-00-00

Item	Part Number / Reference Designator	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	

79-00-00

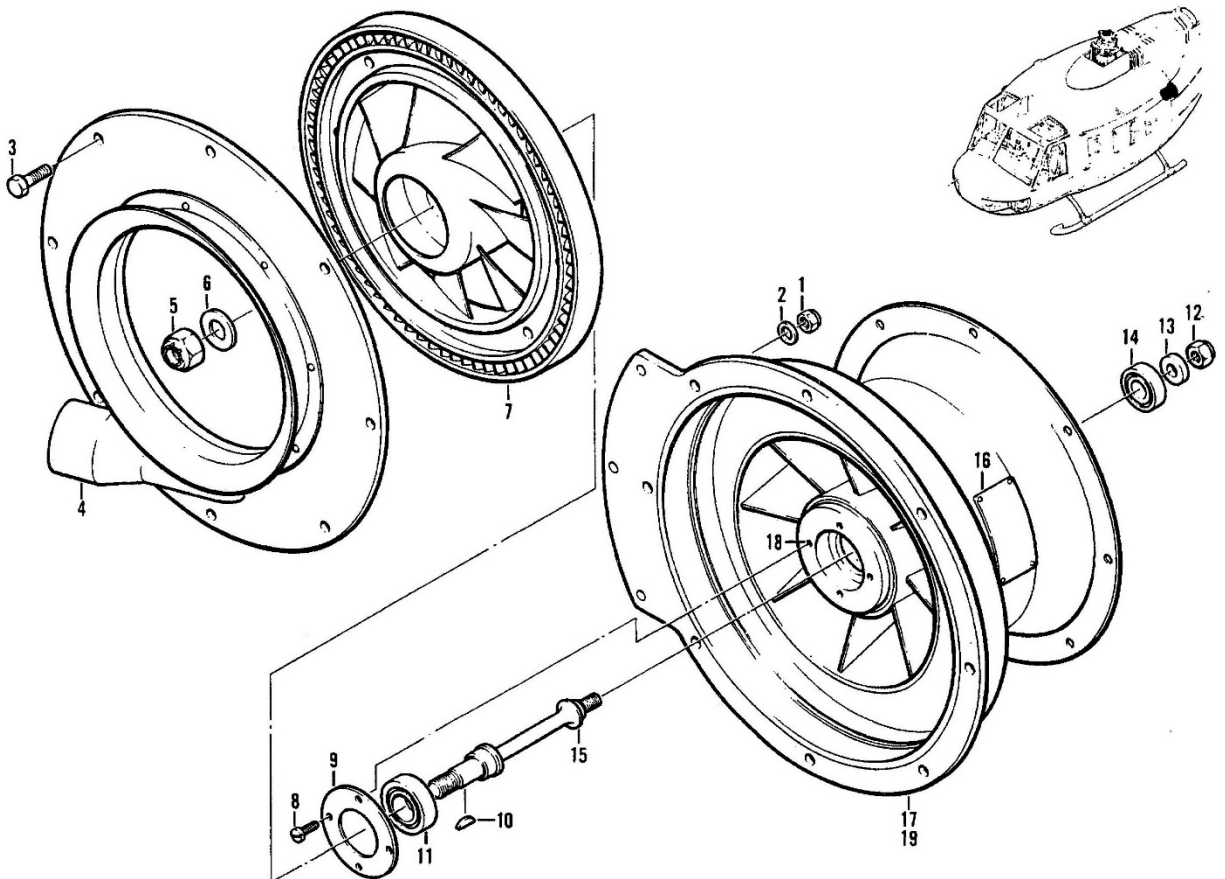


Figure 79-5 - Turbine Fan Assembly, Engine Oil Cooling

79-00-00

Item	Part Number / Reference Designator	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)

LIST OF FIGURES

Figure 95-1 - Instrument Panel (LH)	3
Figure 95-2 - Instrument Panel (Center)	5
Figure 95-3 - Instrument Panel (RH).....	7
Figure 95-4 - Instrument Panel (LH)	9
Figure 95-5 - Instrument Panel (Center)	11
Figure 95-6 - Instrument Panel (RH).....	13
Figure 95-7 - Standby Compass Bracket Assembly	15

95-00-00

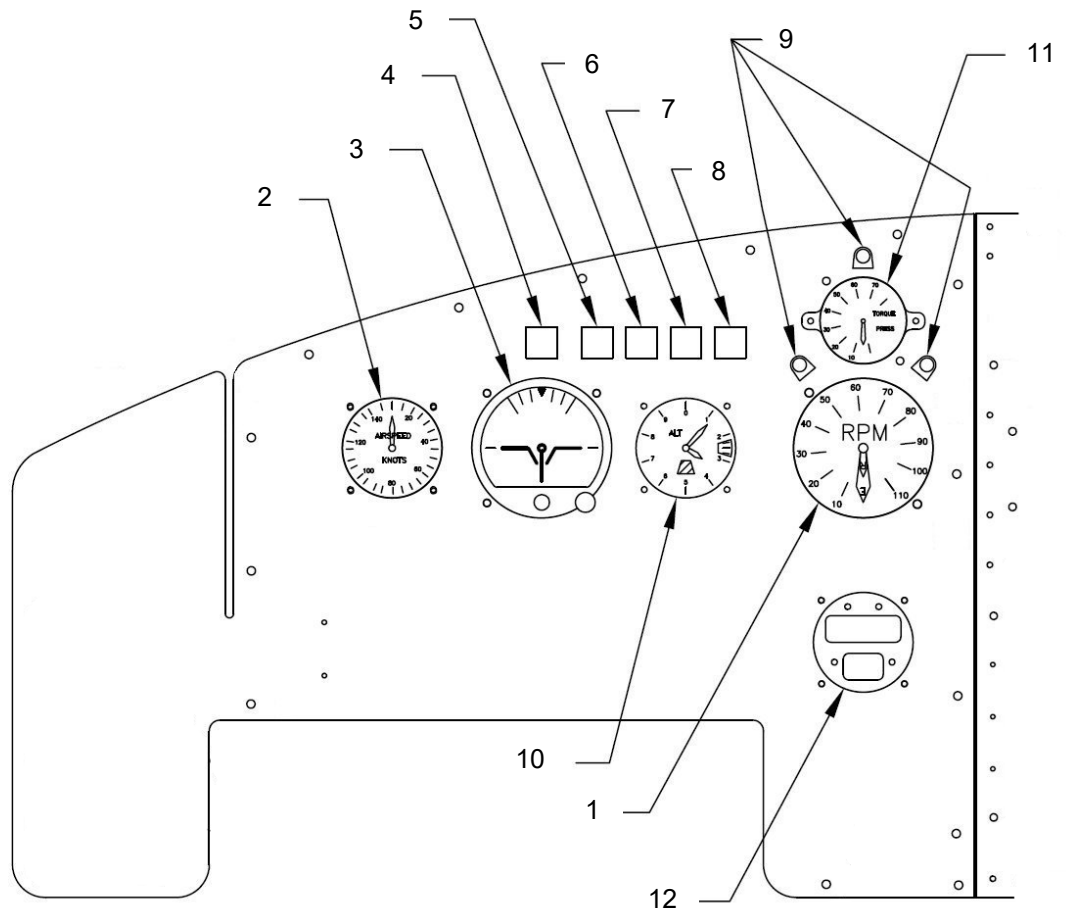


Figure 95-1 - Instrument Panel (LH)

95-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 95-1				
1	M11	Indicator, Copilot's Dual Tachometer	1	1,2
2	M35	Indicator, Copilot's Airspeed	1	1,2
3	M1	Indicator, Copilot Attitude	1	1,2
4	DS37	Annunciator, Copilot Master Caution	1	1,2
5	DS31	Annunciator, Copilot Engine RPM	1	1,2
6	DS39	Annunciator, Copilot Rotor RPM	1	1,2
7	DS21	Annunciator, Copilot Cargo Fire	1	1,2
8	DS5	Annunciator, Cargo Release Armed, Copilot	1	1,2
9	DS26	Light, Post Lights, OAT Indicator	3	1,2
10	M33	Indicator, Copilot's Altimeter	1	1,2
11	M19	Indicator, Copilot's Torquemeter	1	1,2
11	205-070-043-001	Glass	1	1
12	M40	Copilot's Clock/USB Charger	1	1,2

UOC Code

1 – S/N 30599, 30817, and 30687

2 – Refer to IPC-212-001 for Part Number and ICA Reference

95-00-00

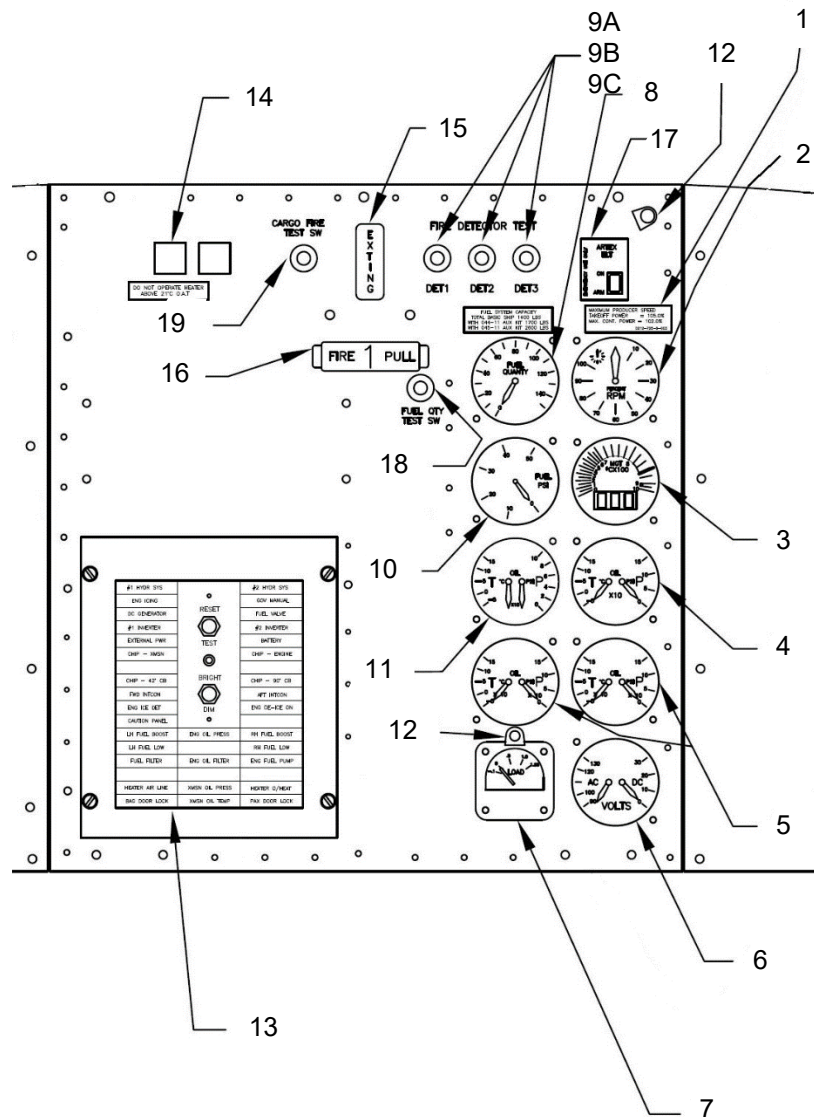


Figure 95-2 - Instrument Panel (Center)

95-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 95-2				
1	D212-725-6-003	Placard	1	1
2	M17	Indicator, Gas Producer Tachometer	1	1,2
3	M23	Indicator, MGT	1	1,2
4	M5	Indicator, Engine Oil Temperature/Pressure	1	1,2
5	M36	Indicator, Hydraulic Temperature/Pressure #1	1	1,2
5	M37	Indicator, Hydraulic Temperature/Pressure #2	1	1,2
6	M21	Indicator, DC Voltmeter/Ammeter	1	1,2
7	MS25025-1	Loadmeter	1	1
8	M25	Indicator, Fuel Quantity	1	1,2,3
9A	S104	Switch, Fire System Test #1	1	1,2
9B	S106	Switch, Fire System Test #2	1	1,2
9C	S107	Switch, Fire System Test #3	1	1,2
10	M3	Indicator, Engine Fuel Pressure	1	1,2
11	M16	Indicator, Transmission Oil Temperature/Pressure	1	1,2
12	DS26	Post Light	2	1,2
13	A5	Master Caution Panel	1	1,2
14	DS106	Light, Post Lights, OAT Indicator	1	1,2
15	204-075-815-003	Guard	1	1
15	S15A	Switch, Rotor RPM Audio	1	1,2
16	209-070-280-101	Handle Fire 1	1	1
17	Reserved			
18	S85	Switch, Cargo Compartment Fire Test	1	1,2
19	S85	Switch, Cargo Compartment Fire Test	1	1,2

UOC Code

- 1 – S/N 30599, 30817, and 30687
- 2 – Refer to IPC-212-001 for Part Number and ICA Reference
- 3 – Preferred for new builds and replacements

95-00-00

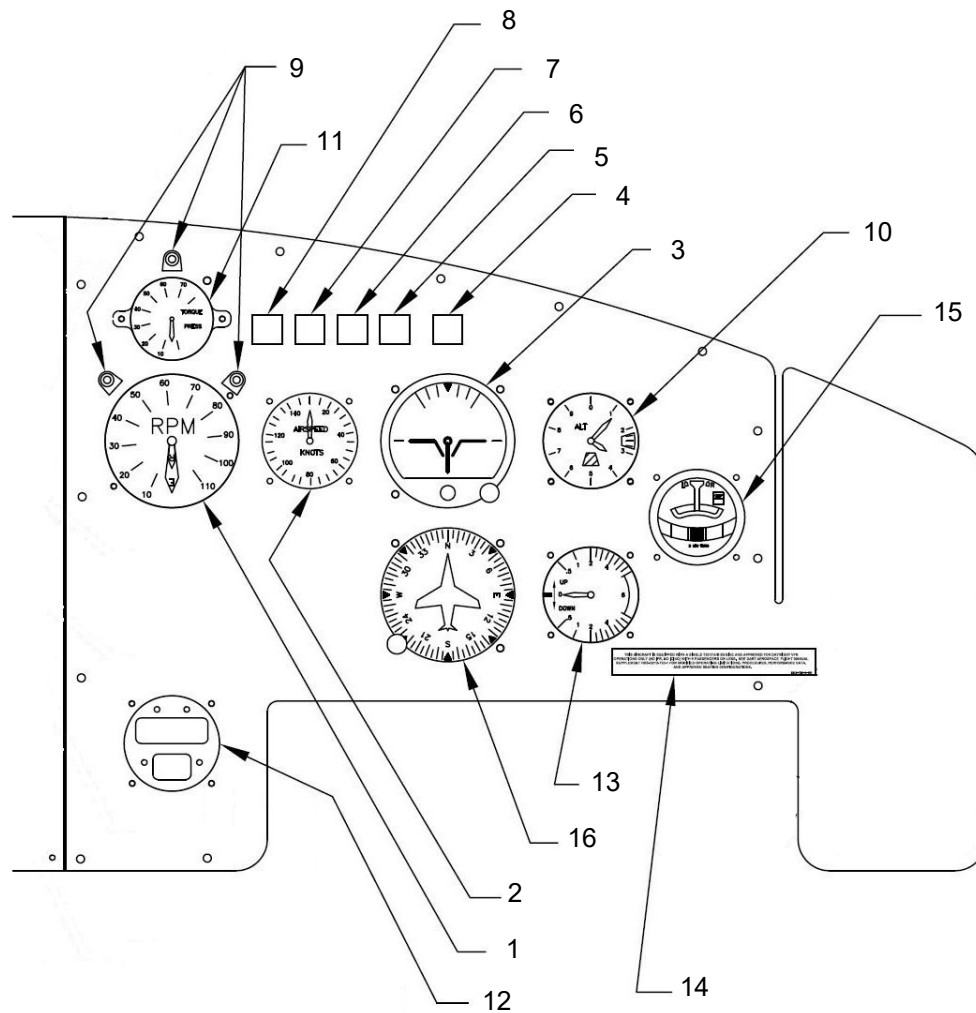


Figure 95-3 - Instrument Panel (RH)

95-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 95-3				
1	M12	Indicator, Pilot's Dual Tachometer	1	1,2
2	M30	Indicator, Pilot's Airspeed	1	1,2
3	M2	Indicator, Pilot's Attitude	1	1,2
4	DS38	Annunciator, Pilot Master Caution	1	1,2
5	DS32	Annunciator, Pilot Engine RPM	1	1,2
6	DS40	Annunciator, Pilot Rotor RPM	1	1,2
7	DS101	Annunciator, Pilot Cargo Fire	1	1,2
8	DS102	Annunciator, Pilot Cargo Release Arm	1	1,2
9	DS26	Light, Post Lights, OAT Indicator	3	1,2
10	M32	Indicator, Pilot's Altimeter	1	1,2
11	M20	Indicator, Pilot's Torque Pressure	1	1,2
11	205-070-043-001	Glass	1	1
12	M29	Pilot's Clock/USB Charger	1	1,2
13	M31	Indicator, Pilot's Vertical Speed	1	1,2
14	D212-725-6-001	Placard	1	1
15	M10	Indicator, Pilot's Turn & Bank	1	1,2
16	M4	Indicator, Pilot's Gyro Directonal	1	1,2

UOC Code

1 – S/N 30599, 30817 and 30687

2 – Refer to IPC-212-001 for Part Number and ICA Reference

95-00-00

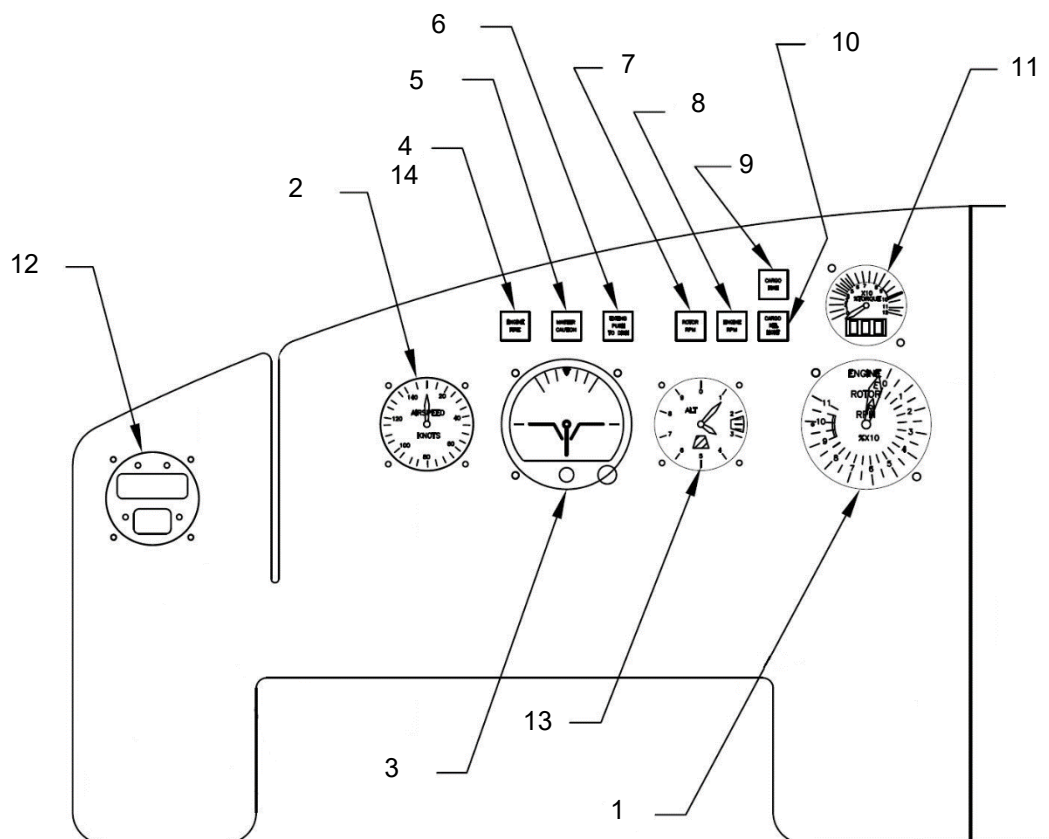


Figure 95-4 - Instrument Panel (LH)

95-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 95-4				
1	M11	Indicator, Copilot's Dual Tachometer	1	3,5
1	M13	Indicator, Copilot's Dual Tachometer	1	4,5
2	M35	Indicator, Copilot's Airspeed	1	1,5
3	M1	Indicator, Copilot Attitude	1	1,5
4	S1A	Switch, Engine Fire Switchlight, Copilot	1	1,5
5	DS37	Annunciator, Copilot Master Caution	1	1,5
6	S3A	Switch, Fire Extinguisher Switchlight, Copilot	1	1,5
7	DS39	Annunciator, Copilot Rotor RPM	1	1,5
8	DS31	Annunciator, Copilot Engine RPM	1	1,5
9	DS21	Annunciator, Copilot Cargo Fire	1	1,5
10	DS5	Annunciator, Cargo Release Armed, Copilot	1	1,5
11	M19	Indicator, Copilot's Torquemeter	1	3, 5
12	M40	Copilot's Clock/USB Charger	1	3,5
12	M902	Copilot's Clock w/out USB Charger	1	4,5
13	M33	Indicator, Copilot's Altimeter	1	1,5
14	17-672	Switch Guard	1	1

UOC Code

- 1 – All S/N's, Except S/N 30599, 30817, and 30687
- 2 – With TBN-212-003 incorporated
- 3 – All S/N's, Except S/N 30599, 30817, 30687, 35034, 35048, 35060 and 35088
- 4 – S/N 35034, 35048, 35060 and 35088
- 5 – Refer to IPC-212-001 for Part Number and ICA Reference

95-00-00

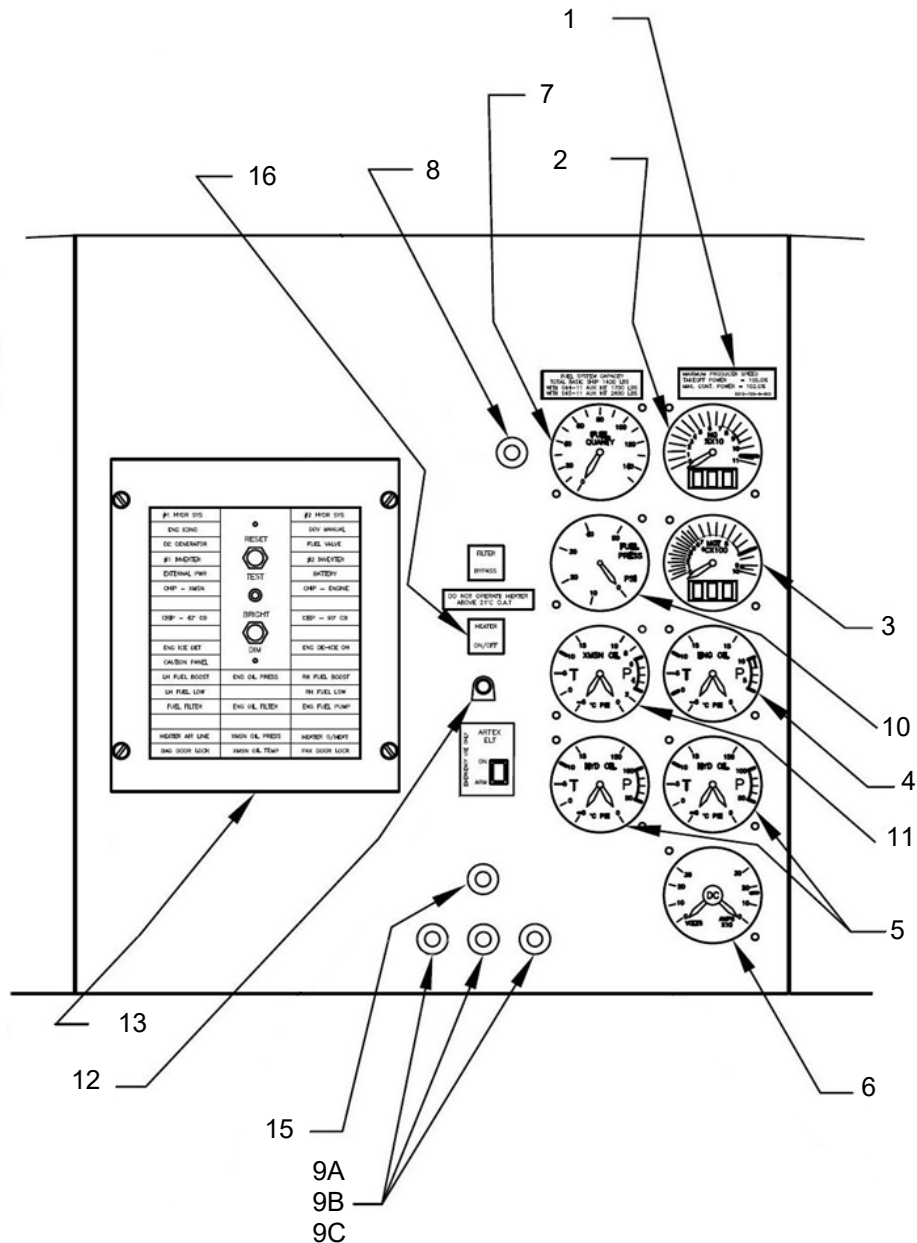


Figure 95-5 - Instrument Panel (Center)

95-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 95-5				
1	D212-725-6-003	Placard	1	1
2	M17	Indicator, Gas Producer Tachometer	1	1,3
3	M23	Indicator, MGT	1	1,3
4	M5	Indicator, Engine Oil Temperature/Pressure	1	1,3
5	M36 M37	Indicator, Hydraulic Temperature/Pressure #1 Indicator, Hydraulic Temperature/Pressure #2	2	1,3
6	M21	Indicator, DC Voltmeter/Ammeter	1	1,3
7	M25	Indicator, Fuel Quantity	1	1,3
8	S85	Switch, Cargo Compartment Fire Test	1	1,3
9A	S104	Switch, Fire System Test #1	1	1,3
9B	S106	Switch, Fire System Test #2	1	1,3
9C	S107	Switch, Fire System Test #3	1	1,3
10	M3	Indicator, Engine Fuel Pressure	1	1,3
11	M16	Indicator, Transmission Oil Temperature/Pressure	1	1,3
12	DS26	Light, Post Lights, OAT Indicator	1	1,2,3
13	A5	Master Caution Panel	1	3
14	Reserved			
15	S85	Switch, Cargo Compartment Fire Test	1	1,3
16	DS106	Annunciator, Heater On/Off	1	1,3
17	Reserved			

UOC Code

- 1 – All S/N's, Except S/N 30599, 30817, and 30687
- 2 – All S/N's, Except S/N 30599, 30817, 30687, 35034, 35048, 35060 and 35088
- 3 – Refer to IPC-212-001 for Part Number and ICA Reference

95-00-00

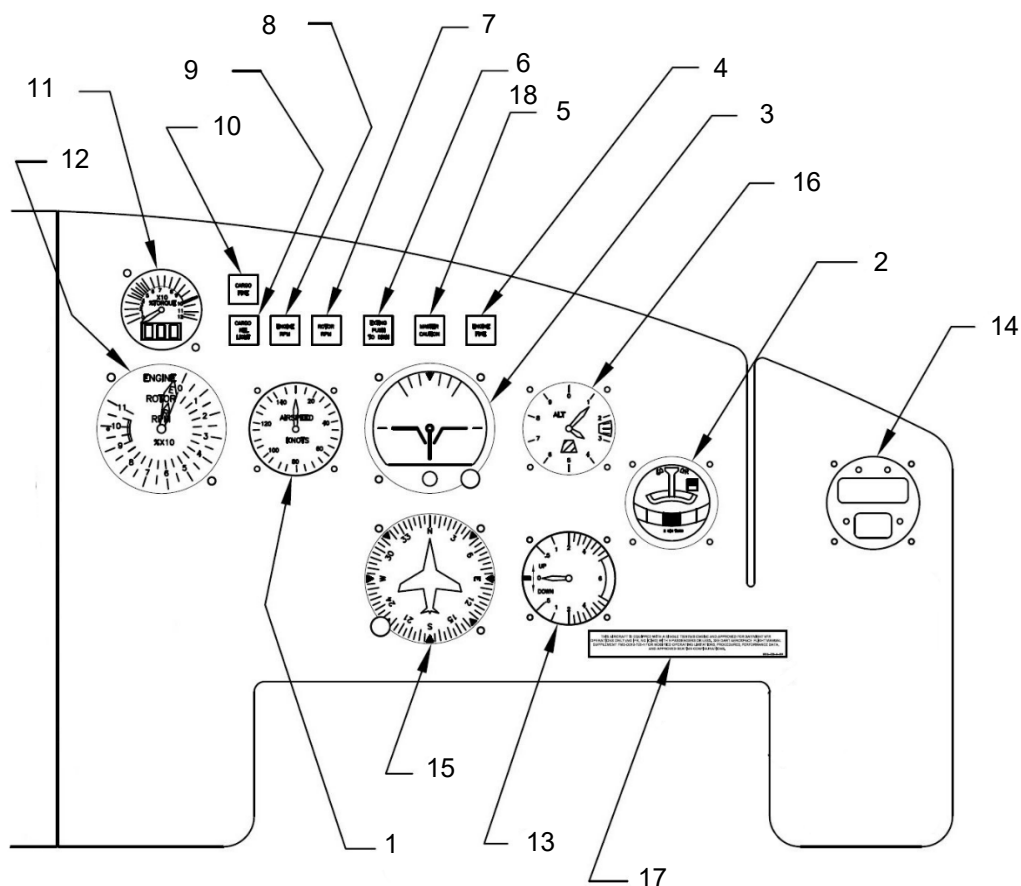


Figure 95-6 — Instrument Panel (RH)

95-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 95-6				
1	M30	Indicator, Pilot's Airspeed	1	1,4
2	M10	Indicator, Pilot's Turn & Bank	1	1,4
3	M2	Indicator, Pilot's Attitude	1	1,4
4	S1	Switch, Engine Fire Switchlight, Pilot	1	1,4
5	DS38	Annunciator, Pilot Master Caution	1	1,4
6	S3	Switch, Fire Extinguisher Switchlight, Pilot	1	1,4
7	DS40	Annunciator, Pilot Rotor RPM	1	1,4
8	DS32	Annunciator, Pilot Engine RPM	1	1,4
9	DS101	Annunciator, Pilot Cargo Fire	1	1,4
10	DS102	Annunciator, Pilot Cargo Release Arm	1	1,4
11	M20	Indicator, Pilot's Torque Pressure	1	4
12	M12	Indicator, Pilot's Dual Tachometer	1	2,4
12	M14	Indicator, Pilot's Dual Tachometer	1	3,4
13	M31	Indicator, Pilot's Vertical Speed	1	1,4
14	M29	Pilot's Clock/USB Charger	1	2,4
14	M901	Pilot's Clock w/out USB Charger	1	3
15	M4	Indicator, Pilot's Gyro Directional	1	1,4
16	M32	Indicator, Pilot's Altimeter	1	1,4
17	D212-725-6-001	Placard	1	1
18	17-672	Switch Guard	1	1

UOC Code

- 1 – All S/N's, Except S/N 30599, 30817, and 30687
- 2 – All S/N's, Except S/N 30599, 30817, 30687, 35034, 35048, 35060 and 35088
- 3 – S/N 35034, 35048, 35060 and 35088
- 4 – Refer to IPC-212-001 for Part Number and ICA Reference

95-00-00

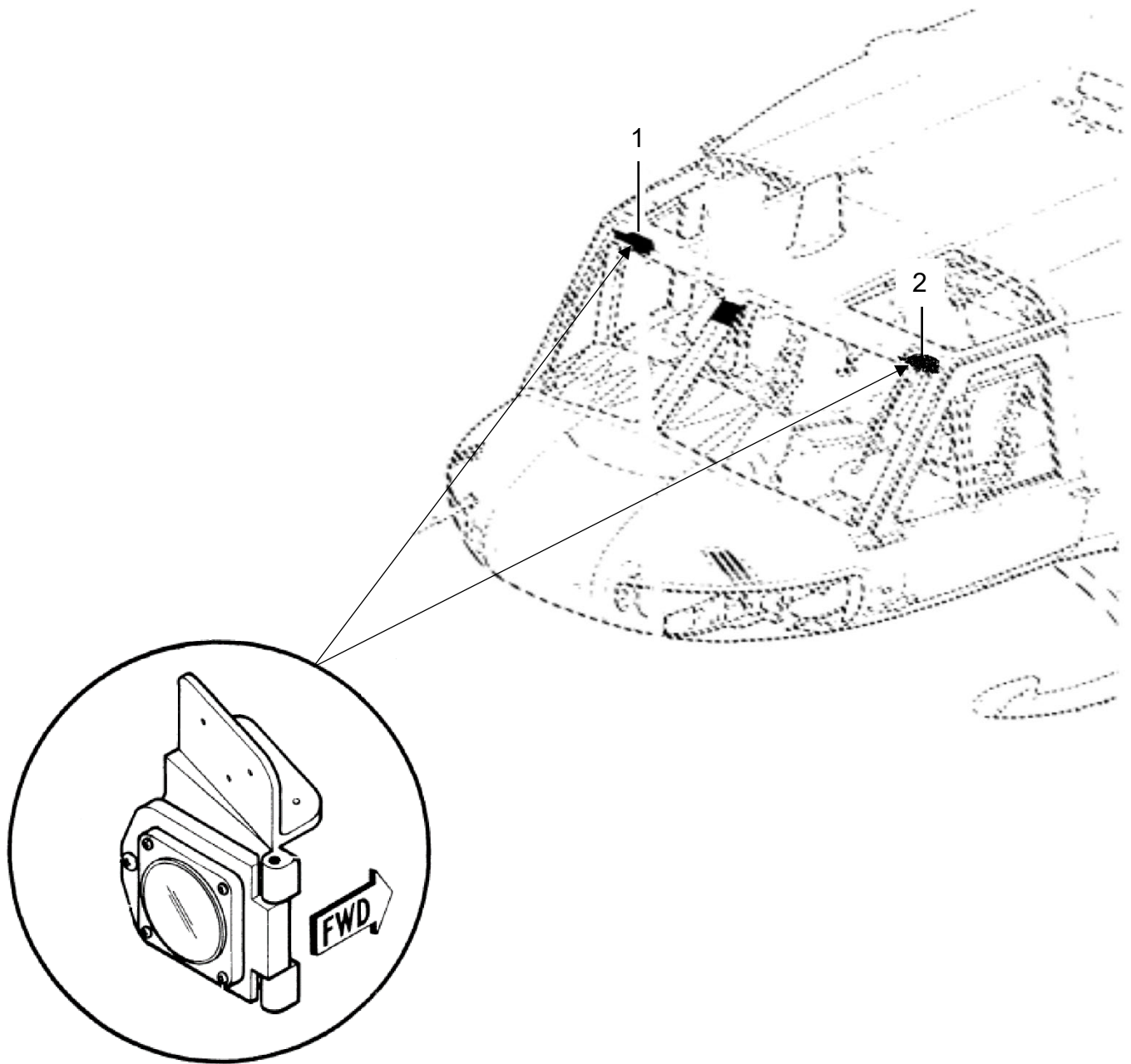


Figure 95-7 - Standby Compass Bracket Assembly

95-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 95-7				
1	205-070-333-004	Standby Compass Bracket Assembly	1	
2	205-070-333-003	Standby Compass Bracket Assembly	1	

95-00-00

CHAPTER 96

ELECTRICAL SYSTEM

96-00-00

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

LIST OF FIGURES

Figure 96-1 - Upper Position Light (LH and RH).....	3
Figure 96-2 - Upper Strobe Light	5
Figure 96-3 - Lower Strobe Light	7
Figure 96-4 - Lower Position Light (LH and RH).....	9
Figure 96-5 - Tail Light	11
Figure 96-6 - DC Control Unit	13
Figure 96-7 - Current Limiter.....	15
Figure 96-8 – Control Panel assembly, Overhead (Sheet 1 of 3).....	17
Figure 96-9 – Control Panel assembly, Overhead (Sheet 2 of 3).....	18
Figure 96-10 – Control Panel assembly, Overhead (Sheet 3 of 3).....	19

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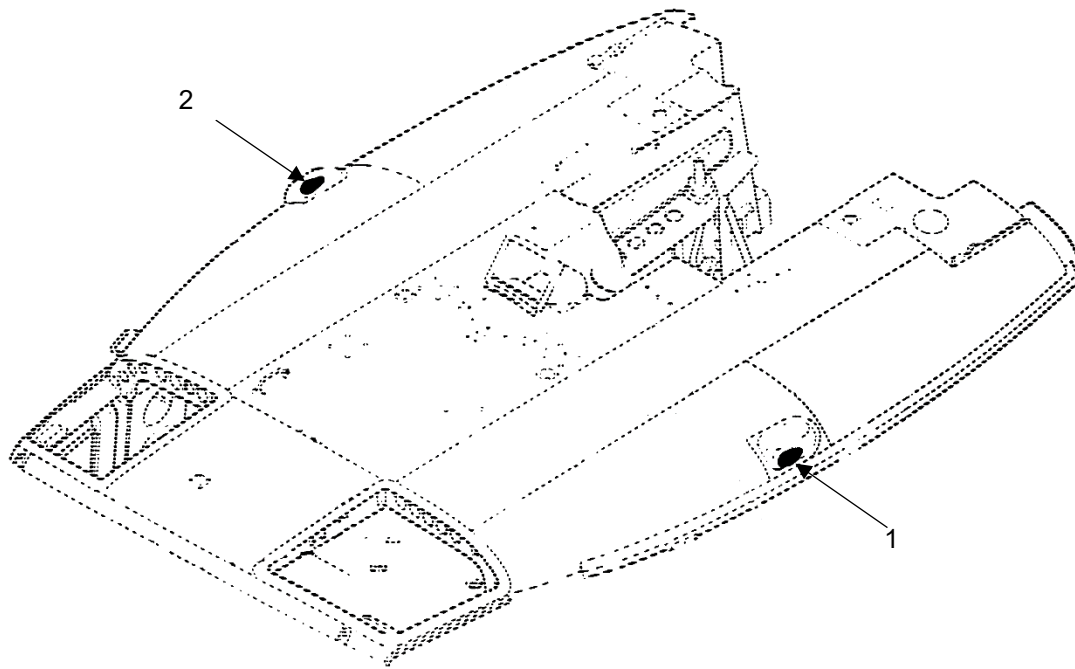


Figure 96-1 - Upper Position Light (LH and RH)

96-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 96-1				
1	DS15	Light, Position LH	1	1
2	DS16	Light, Position RH	1	1

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

96-00-00

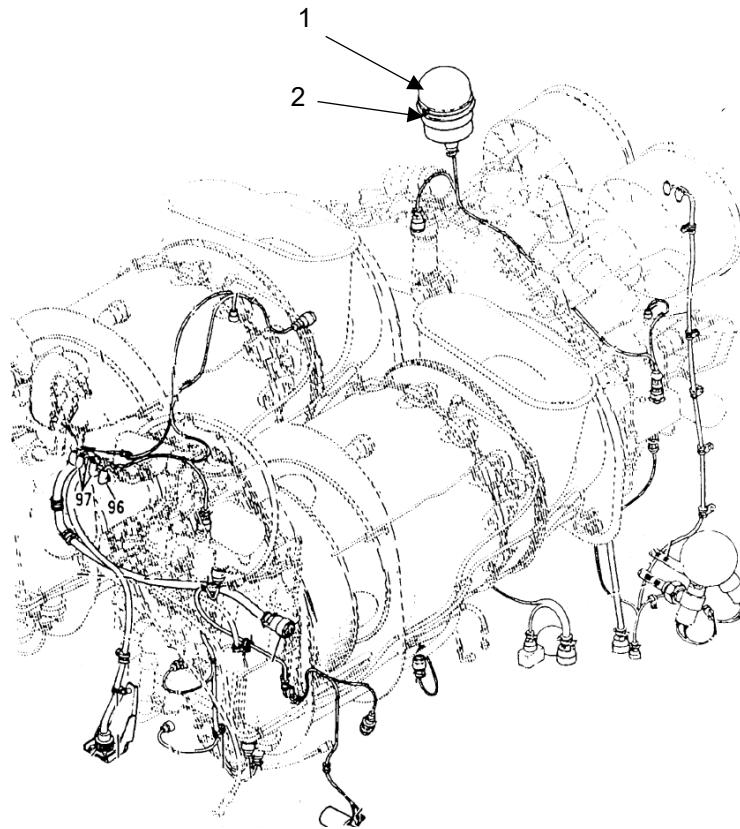


Figure 96-2 - Upper Strobe Light

96-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 96-2				
1	DS8	Light, Upper Anti-Collision	1	1
2	E212-1020-101	Anti-Collision Light Spacer	1	

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

96-00-00

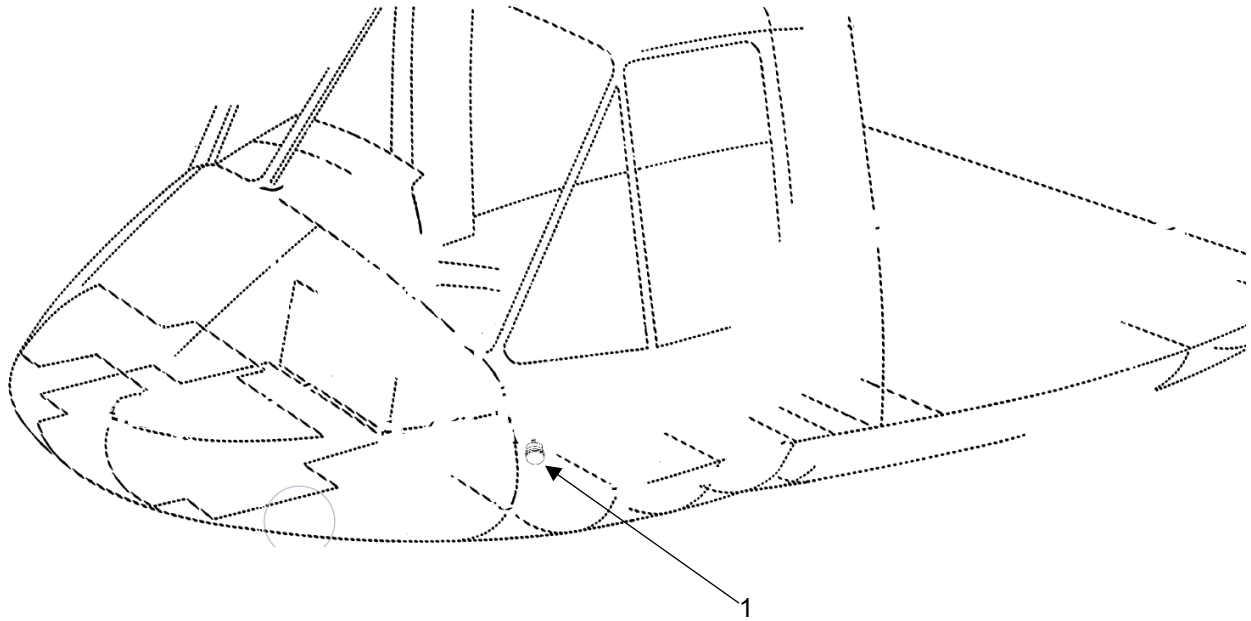


Figure 96-3 - Lower Strobe Light

96-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 96-3				
1	DS7	Light, Lower Anti-Collision	1	1

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

96-00-00

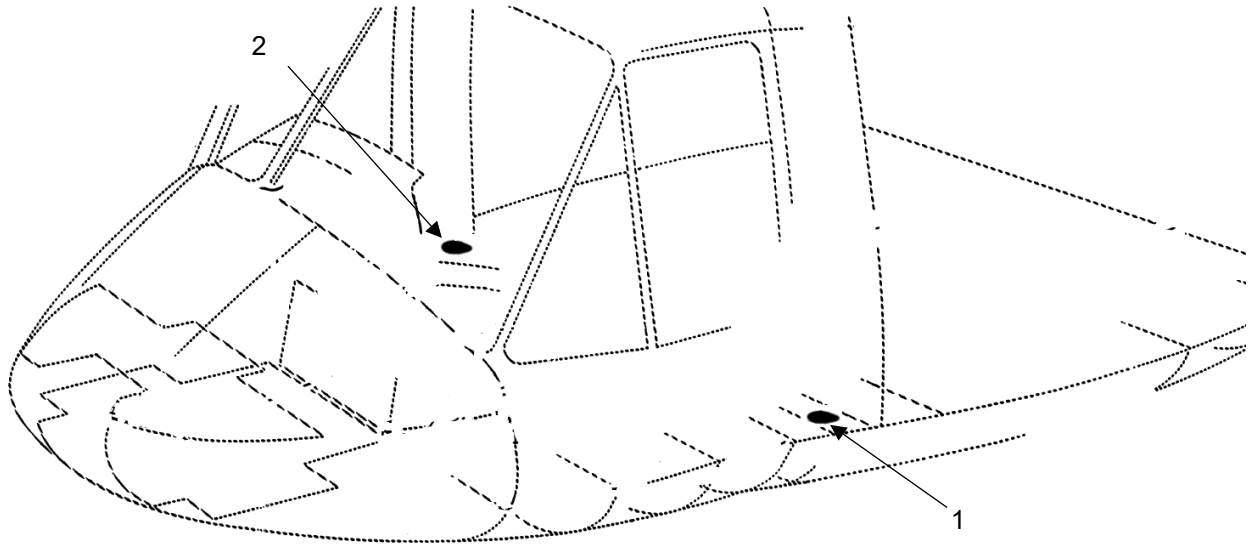


Figure 96-4 - Lower Position Light (LH and RH)

96-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 96-4				
1	DS15	Light, Position LH	1	1
2	DS16	Light, Position RH	1	1

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

96-00-00

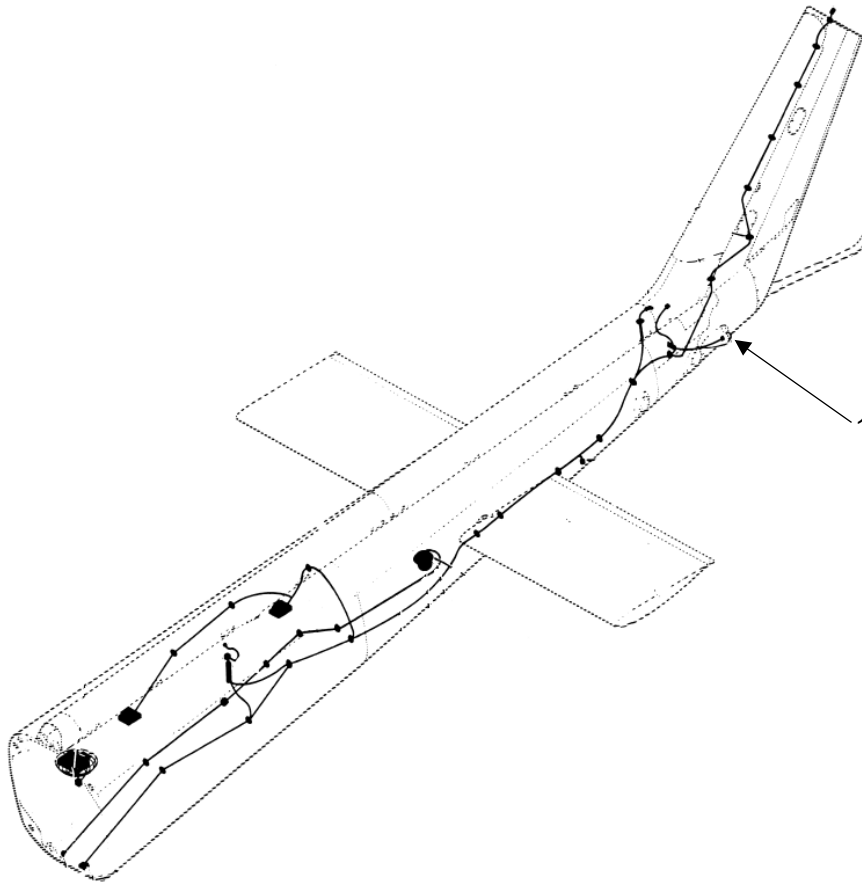


Figure 96-5 - Tail Light

96-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 96-5				
1	DS17	Light, Tail	1	1

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

96-00-00

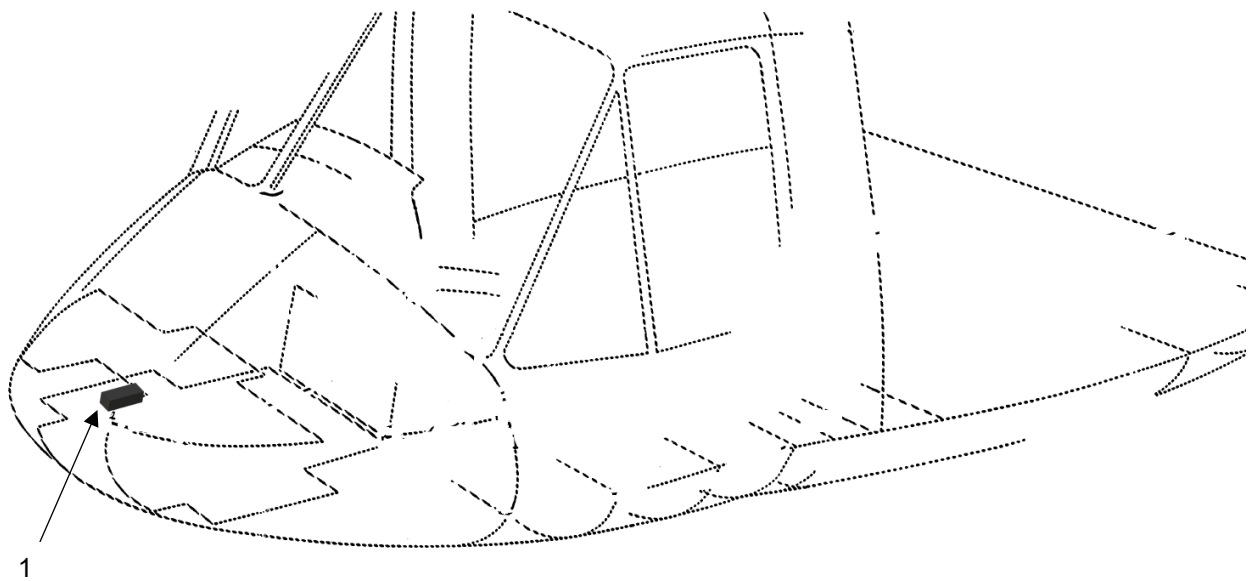


Figure 96-6 - DC Control Unit

96-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 96-6				
1	Z23	DC Control Unit	1	1

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

96-00-00

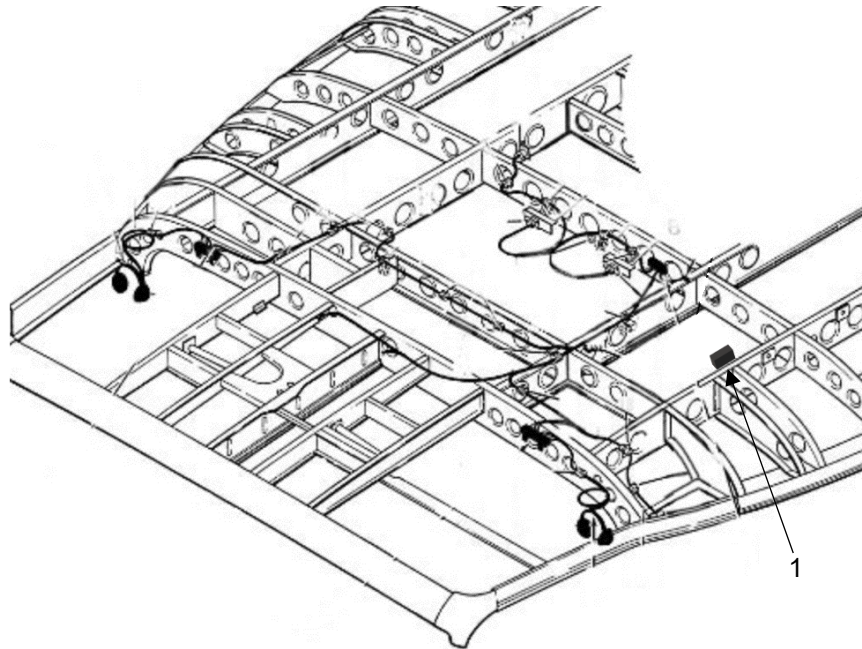


Figure 96-7 - Current Limiter

96-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 96-7				
1	T5	Current Limiter	1	1

UOC Code

1 – Refer to IPC-212-001 for Part Number and ICA Reference

96-00-00

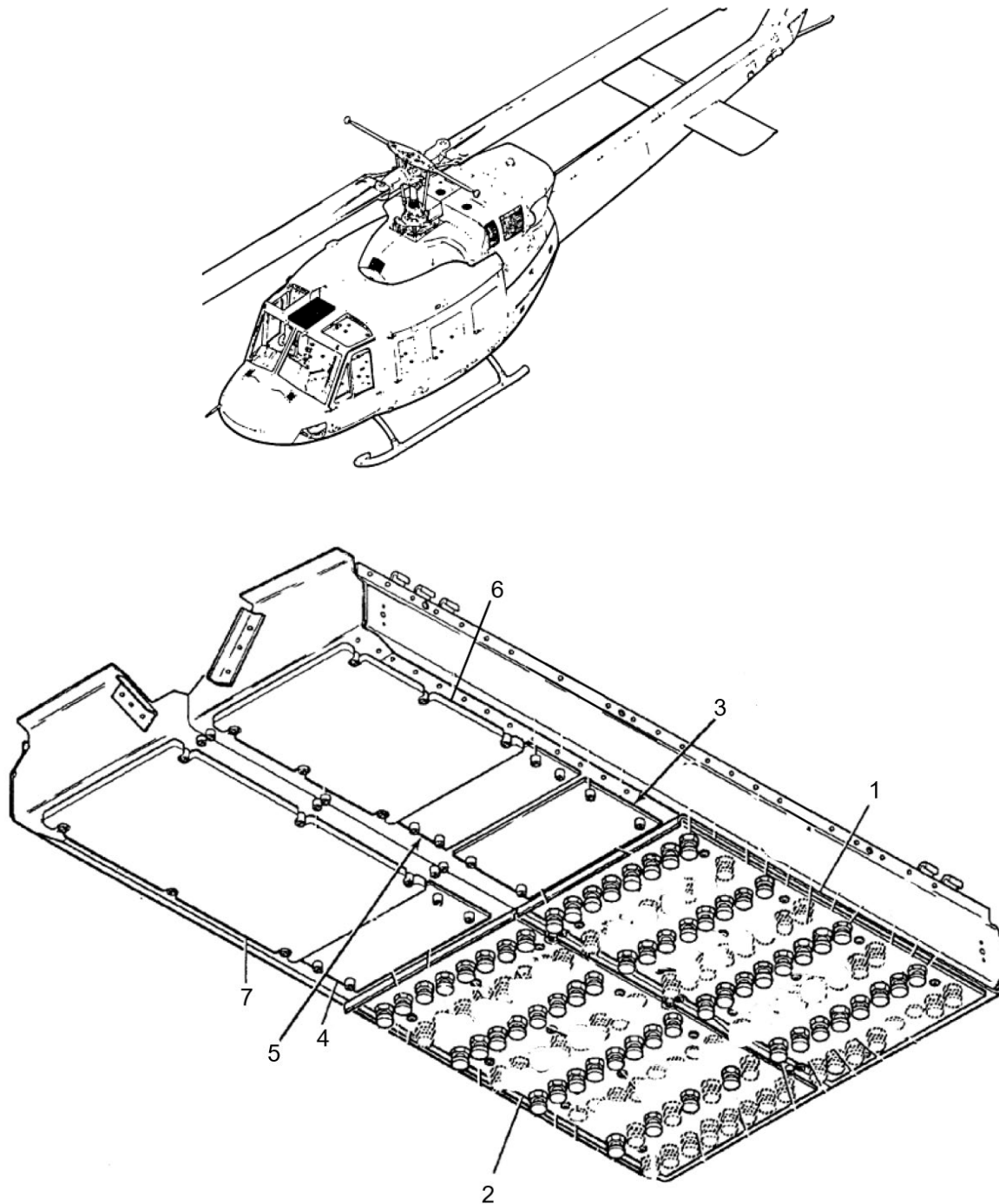


Figure 96-8 – Control Panel assembly, Overhead (Sheet 1 of 3)

96-00-00

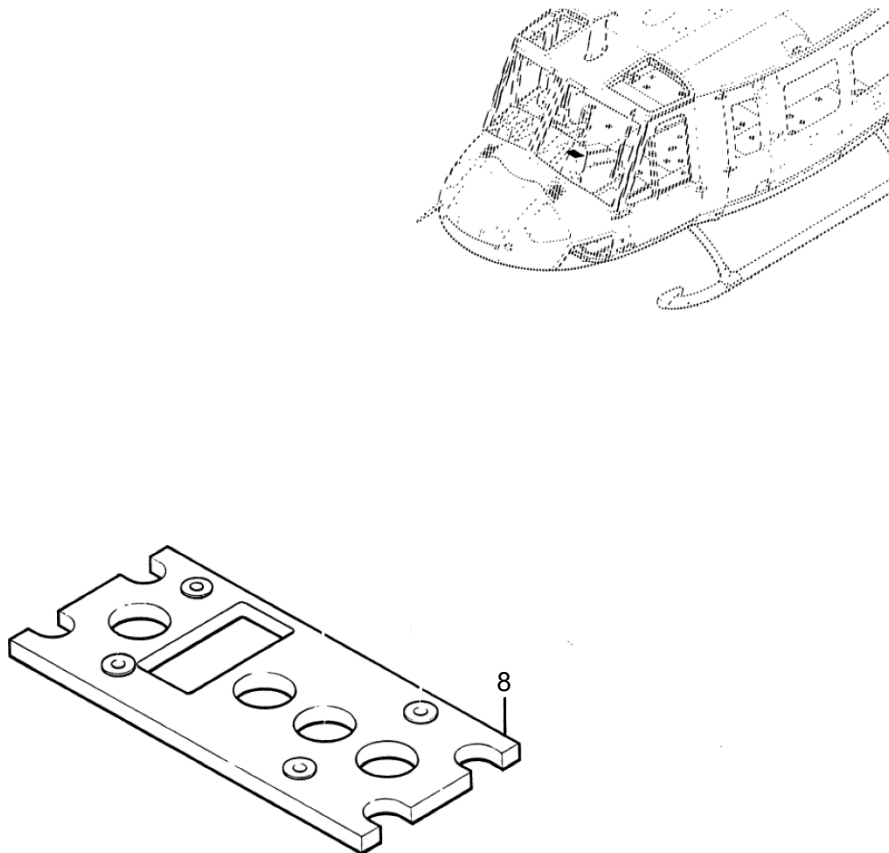


Figure 96-9 – Control Panel assembly, Overhead (Sheet 2 of 3)

96-00-00

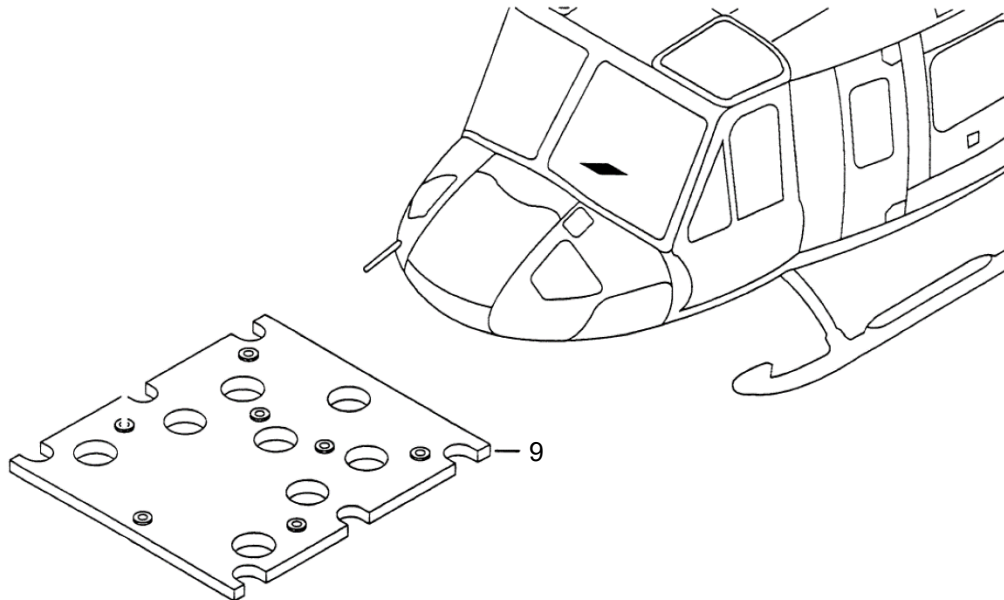


Figure 96-10 – Control Panel assembly, Overhead (Sheet 3 of 3)

96-00-00

Item	Part Number / Reference Designator	Item Name	Unit per Assy.	UOC
Figure 96-8, Figure 96-9 and Figure 96-10				
1	E212-5009-041	Overhead Circuit Breaker Panel, LH	1	1
1	D212-725-5-005	LH Upper CB Panel	1	
2	E212-5009-043	Overhead Circuit Breaker Panel, RH	1	1
2	D212-725-5-007	RH Upper CB Panel	1	
3	E212-5009-045	Lower Overhead Circuit Breaker Panel, LH	1	1
3	D212-725-5-017	LH Lower CB Panel	1	
4	E212-5009-047	Lower Overhead Circuit Breaker Panel, RH	1	1
4	D212-725-5-017	RH Lower CB Panel	1	
5	E212-5012-041	Avionics Master Switch Panel	1	1
5	D212-725-5-019	LH Lower CB Panel	1	
6	E212-5012-043	Environmental Control Panel	1	1
6	D212-725-5-001	LH Lower CB Panel	1	
7	E212-5012-045	Lighting / Electrical Control Panel	1	1
7	D212-725-5-003	RH Lower CB Panel	1	
8	E212-5012-047	Miscellaneous Control Panel	1	1
8	D212-725-5-009	Miscellaneous Control Panel	1	
9	E212-5012-049	Engine Control Panel	1	1
9	D212-725-5-011	Engine Control Panel	1	

UOC Code

1 – Preferred for new builds and replacements

96-00-00

CHAPTER 97 AVIONICS

REFER TO BHT-212-IPC

97-00-00

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