



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



PARTS MANUAL FOR WIPLINE MODEL 10000 AMPHIBIAN FLOATS ON THE AT-802 & AT-802A FIRE BOSS CONVERSION

Revision AA

THIS PAGE INTENTIONALLY LEFT BLANK

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

LOG OF REVISIONS

Revision	Pages Affected	Description	Date
A-W	All	For previous revision changes, reference Parts Manual for 10000 Amphibian Floats on AT-802 and AT-802A - Fire Boss Conversion Revision W part number 1002179.	7/8/2025
Y	19, 72, 74, 76-77, 79, 81, 83, 85, 95, 117, 121, 127-128, 130-131, 135, 140, 143, 163, 165, 216, 247, 269-272	Updated descriptions of 13A01150-012 and 13A01150-013 in Bulkhead 5 Assembly. Added 8 X 3/4 Fasteners and AN526-632R4 Screws in Top Deck sections. Changed Top Skin FWD Right 1002048 to 1002043 in Top Skins section and Right Float Top Deck Skin Assembly section due to obsolete part number. Updated image in Bottom Skins & Stiffeners section. Changed Bushing 30A02084-005 to NAS77-6-045 in Ventral Fin section. Updated Section 3 Landing Gear serial number effectivity in section title descriptions and notes for Service Letter 255. Added EK9052-10 and 8751K123 to filters. Added parts to Hopper Probe Fill Level System Assembly 1011649. Added weldments 1001961 and 1001962 and updated serial number effectivity in Fill System Fuselage section. Vortex Generator 10A13340-182 is discontinued, replaced with 1012506 and 1012507. Renamed Section 9. Updated image and parts list in Pumpout Cup and Tube section. Added Float Hand Pump section.	4/27/2026
AA	62-63, 86-87, 138, 146, 148, 150-153, 155	Swapped Angles 10A01359-232 and 10A01359-247 in Bulkhead 19 Right and Left Float sections as they were backwards. Updated image and Item 15 description in Baggage Door Assembly Detail A. Changed Assembly, Rim, Nose, 6.00" from 40-426 to 40-426D in Nose Wheel Assembly Without Tire section. Updated Item 4 in Main Gear Assembly section. Removed Screw MS16997-99 in Torque Plate 075-04200 in Main Gear Wheel Assembly section. Added Screw MS24677-66 and Screw NAS1352-6H16P along with a note and updated Item 12 in Main Gear Axle Assembly section. Updated Oleo Shock Strut Assembly sections.	8/10/2026

Please visit www.wipaire.com for the most current revision of this manual.

THIS PAGE INTENTIONALLY LEFT BLANK

TABLE OF CONTENTS

FLOAT PART SALES DEPARTMENT OPERATIONS	6
INTRODUCTION	7
SECTION 1 BULKHEAD ASSEMBLIES	9
SECTION 2 FLOAT STRUCTURE	67
SECTION 3 LANDING GEAR	127
SECTION 4 HYDRAULICS	163
SECTION 5 ELECTRICAL	203
SECTION 6 SCOOP SYSTEM.....	233
SECTION 7 FOAM SYSTEM	251
SECTION 8 CABLING	255
SECTION 9 PUMPOUT CUP AND TUBE & FLOAT HAND PUMP	271

FLOAT PART SALES DEPARTMENT OPERATIONS

Parts Sales:

Wipaire, Inc.

1700 Henry Avenue – Fleming Field

South St. Paul, MN 55075

Telephone: (651) 306-0459

Fax: (651)-306-0666

Website: www.wipaire.com

Email: customerservice@wipaire.com

Note: Any information not found in this manual for strut package parts and other installation items refer to the installation drawing package provided with the STC at the time of float installation. Additional drawing copies are available for purchase through the Wipaire Customer Service Department.

Parts Ordering

Purchase orders should include:

1. Purchase order number
2. Name of person placing order
3. Invoicing information:
 - a. Customer name - company or individual
 - b. Address
 - c. Phone and fax number
4. Shipping information:
 - a. Address (if different from invoice address)
 - b. Method of shipment/preferred carrier
5. Aircraft model, float model, and serial numbers
6. Wipaire part number; name; type, e.g. left or right; quantity
7. Payment method: VISA, Mastercard, C.O.D. (Collect on Delivery) (U.S. customers only), pre-payment by check or wire transfer, open account (see Credit Policy)

INTRODUCTION

All references in this manual to LEFT and RIGHT are from the perspective of the pilot's seat with the floats fully installed and ready for floatplane operation.

The following is a list of abbreviations that may appear in the description nomenclature fields of this manual:

AB	Afterbody	Inbd.	Inboard
Amphib.	Amphibious	Lg.	Large
AR	As Required	Lt.	Left
Assy.	Assembly	Lwr.	Lower
Brkt.	Bracket	Opt.	Optional
Btm.	Bottom	Otbd.	Outboard
Bulk.	Bulkhead	Reinf.	Reinforcement
Ctr.	Center	Rr.	Rear
Cyl.	Cylinder	Rt.	Right
Ft.	Front	Sm.	Small
Ftg.	Fitting	SN	Serial Number
Fus.	Fuselage	Spr.	Spreader
Fwd	Forward	Upr.	Upper
Horiz.	Horizontal	Vert.	Vertical
Hyd.	Hydraulic	W.W.	Wheel Well

USING THIS PARTS MANUAL

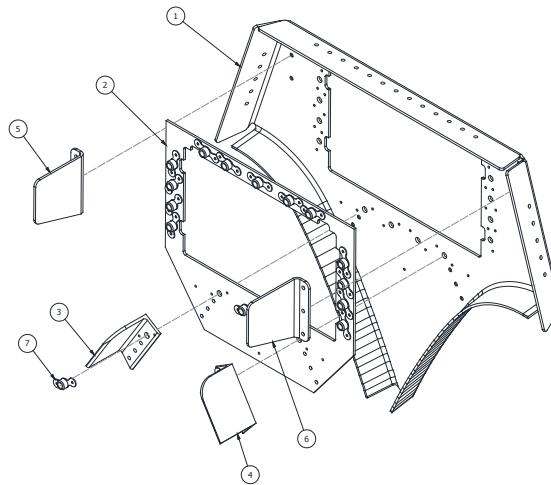
COVERAGE

This parts manual shows components below the top deck, struts and other components above the top deck, the hydraulic handle in the aircraft, and the hydraulic pumps located in the aircraft.

Name of main part in the section. Example:
This part is showing the components made up in Bulkhead #1.

BULKHEAD #1

Main part image. If the image has numbers associated with it, then those numbers are item numbers shown in the table below.



Items with a (-) instead of a number represent the main part as an assembly. Other parts represent the parts included in the assembly.

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1008815	ASSEMBLY BULKHEAD #1, 10000
1	1	1008797	PANEL, BULKHEAD #1
2	1	13A01156-085	DOUBLER #1 BULKHEAD
3	1	13A01357-049	CLEAT, SISTER KEEL ATTACH #1 BULKHEAD
4	1	13A01357-050	CLEAT, SISTER KEEL ATTACH #1 BULKHEAD
5	1	6A01156-054	ANGLE – TOP RAIL
6	1	6A01156-055	ANGLE – TOP RAIL
7	17	MS21047L4	NUT PLATE, SELF LOCKING

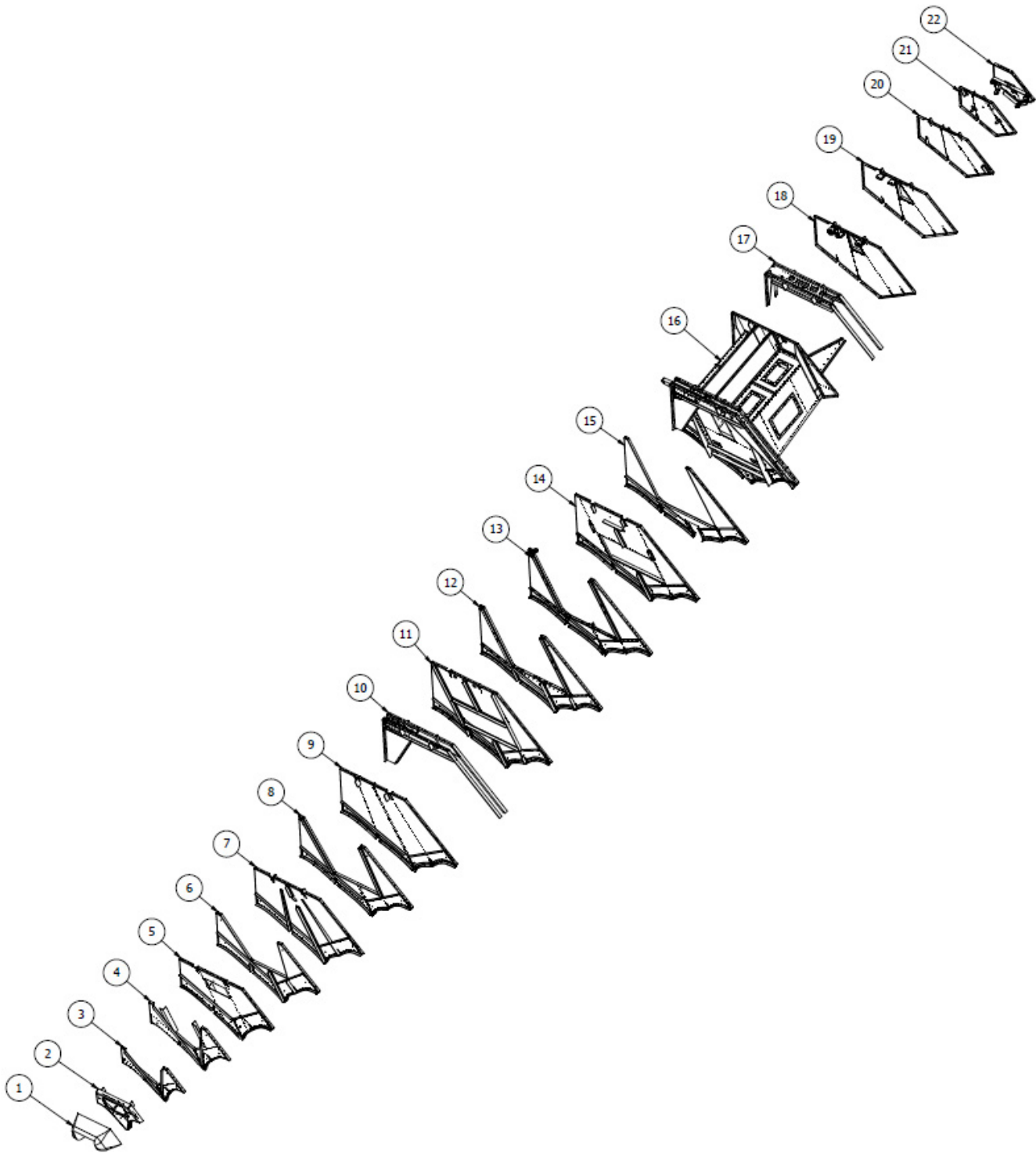
To order an individual part, order the part number associated with item number.

SECTION 1 BULKHEAD ASSEMBLIES

CONTENTS

HULL ASSEMBLY - BULKHEADS LEFT AND RIGHT FLOATS	10
10000A FAST BUILD BULKHEAD PART CONVERSIONS FLOAT SERIAL NUMBERS	12
NOSE BUMPER.....	13
BULKHEAD #1	14
BULKHEAD #2	15
BULKHEAD #3	16
BULKHEAD #4 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	17
BULKHEAD #4 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR	18
BULKHEAD #5	19
BULKHEAD #6 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	20
BULKHEAD #6 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR	21
BULKHEAD #7	22
BULKHEAD #8	23
BULKHEAD #9 LEFT FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	25
BULKHEAD #9 RIGHT FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	27
BULKHEAD #9 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR	29
BULKHEAD #10 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	31
BULKHEAD #10 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR	33
BULKHEAD #12 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	35
BULKHEAD #12 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR	37
BULKHEAD #14 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	39
BULKHEAD #14 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR	41
BULKHEAD #15 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	43
BULKHEAD #15 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR	44
BULKHEAD #16 LEFT FLOAT	45
BULKHEAD #16 RIGHT FLOAT	48
BULKHEAD #17 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	51
BULKHEAD #17 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR	52
REINFORCEMENT ASSEMBLY FOR BULKHEAD 17	53
WHEEL WELL RIGHT FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	54
WHEEL WELL RIGHT FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR	55
WHEEL WELL LEFT FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	57
WHEEL WELL LEFT FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR	58
BULKHEAD #18 RIGHT FLOAT	60
BULKHEAD #18 LEFT FLOAT	61
BULKHEAD #19 RIGHT FLOAT	62
BULKHEAD #19 LEFT FLOAT	63
BULKHEAD #20	64
BULKHEAD #21	65
BULKHEAD #22	66

HULL ASSEMBLY - BULKHEADS LEFT AND RIGHT FLOATS



PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

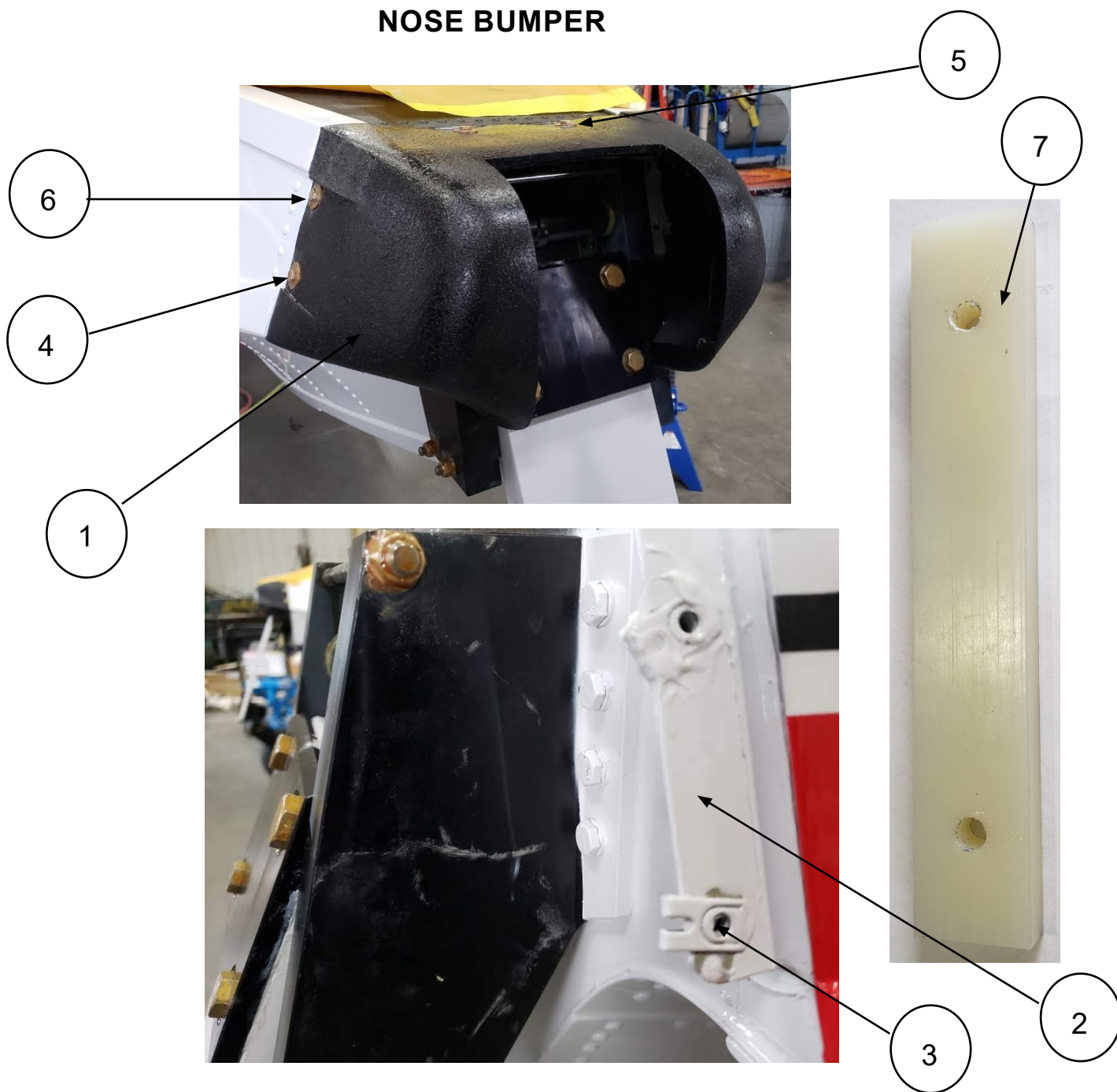
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	13A01733-001	NOSE BUMPER
2	1	1008815	ASSEMBLY, BULKHEAD 1, 10000
3	1	1008816	ASSEMBLY, BULKHEAD 2, 10000
4	1	1008819	ASSEMBLY, BULKHEAD 3, 10000
5	1	1012899	ASSEMBLY, BULKHEAD 4, 10000
6	1	1007920	ASSEMBLY, BULKHEAD 5, 10000
7	1	1012900	ASSEMBLY, BULKHEAD 6, 10000
8	1	1007922	ASSEMBLY, BULKHEAD 7, 10000
9	1	1011481	ASSEMBLY, BULKHEAD 8, 10000
10	1	10A01000-445	ASSEMBLY, FWD SUPER PANEL
11 LT.	1	1012901	ASSEMBLY, BULKHEAD 9, LEFT FLOAT, 10000
11 RT.	1	1012902	ASSEMBLY, BULKHEAD 9, RIGHT FLOAT, 10000
12	1	1012903	ASSEMBLY, BULKHEAD 10, 10000
13	1	1012904	ASSEMBLY, BULKHEAD 12, 10000
14	1	1012905	ASSEMBLY, BULKHEAD 14, 10000
15	1	1012908	ASSEMBLY, BULKHEAD 15, 10000
16 LT	1	1011705	ASSEMBLY, WHEEL WELL, LEFT FLOAT, 10000
16 RT	1	1011706	ASSEMBLY, WHEEL WELL, RIGHT FLOAT, 10000
17	1	1012080	ASSEMBLY, DRAG STRUT, ATTACH, 10000
18 LT	1	1001071	BULKHEAD ASSEMBLY #18, LEFT
18 RT	1	1001072	BULKHEAD ASSEMBLY #18, RIGHT
19 LT.	1	1001453	ASSEMBLY, BULKHEAD #19, LEFT
19 RT.	1	1001454	ASSEMBLY, BULKHEAD #19, RIGHT
20	1	10A01000-411	BULKHEAD ASSEMBLY #20
21	1	10A01000-412	BULKHEAD ASSEMBLY #21
22	1	1002681	ASSEMBLY, BULKHEAD, #22

For float serial numbers 10408A and prior, see 10000 Fast Build Bulkhead Part Conversions on next page.

10000A FAST BUILD BULKHEAD PART CONVERSIONS FLOAT SERIAL NUMBERS

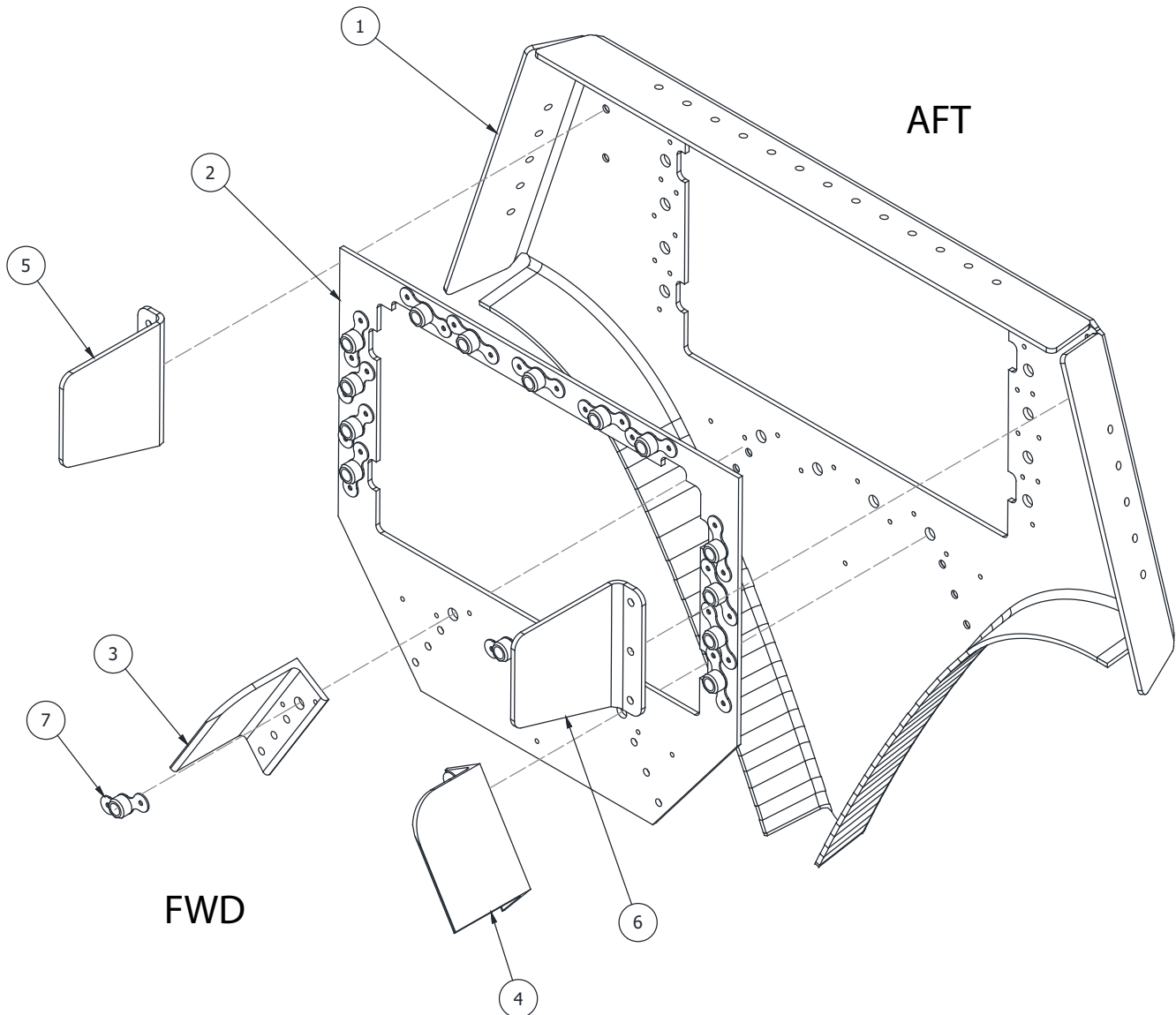
BULKHEAD ASSEMBLY DESCRIPTION	P/N - S/N 10409A AND LATER	P/N - S/N 10269A THRU 10408A	P/N - S/N 10167A THRU 10268A	P/N - S/N 10166A AND PRIOR
BULKHEAD #1	1008815	1008815	1008815	13A01000-185
BULKHEAD #2	1008816	1008816	1008816	13A01000-186
BULKHEAD #3	1008819	1008819	1008819	13A01000-187
BULKHEAD #4	1012899	1007902	1007902	13A01000-188
BULKHEAD #5	1007920	1007920	1007920	13A01000-189
BULKHEAD #6	1012900	1007921	1007921	10A01000-422
BULKHEAD #7	1007922	1007922	1007922	13A01000-191
BULKHEAD #8	1011481	1011481	1007923	10A01000-417
BULKHEAD #9 LT.	1012901	1011469	1007924	10A01000-418
BULKHEAD #9 RT.	1012902	1011469	1007924	10A01000-418
BULKHEAD #10	1012903	1011460	1007925	13A01000-194
BULKHEAD #12	1012904	1011450	1007926	13A01000-196
BULKHEAD #14	1012905	1011389	1007927	13A01000-197
BULKHEAD #15	1012908	1011371	10A01000-431	10A01000-431
BULKHEAD #16 LT.	1011503	1011503	1007957	10A01000-433
BULKHEAD #16 RT.	1011504	1011504	1007958	10A01000-432
BULKHEAD #17	1012918	1007936	1007936	10A01000-435
BULKHEAD #18 RT.	1001072	1001072	1001072	1001072
BULKHEAD #18 LT.	1001071	1001071	1001071	1001071
BULKHEAD #19 RT.	1001454	1001454	1001454	1001454
BULKHEAD #19 LT.	1001453	1001453	1001453	1001453
BULKHEAD #20	10A01000-411	10A01000-411	10A01000-411	10A01000-411
BULKHEAD #21	10A01000-412	10A01000-412	10A01000-412	10A01000-412
BULKHEAD #22	1002681	1002681	1002681	1002681

NOSE BUMPER



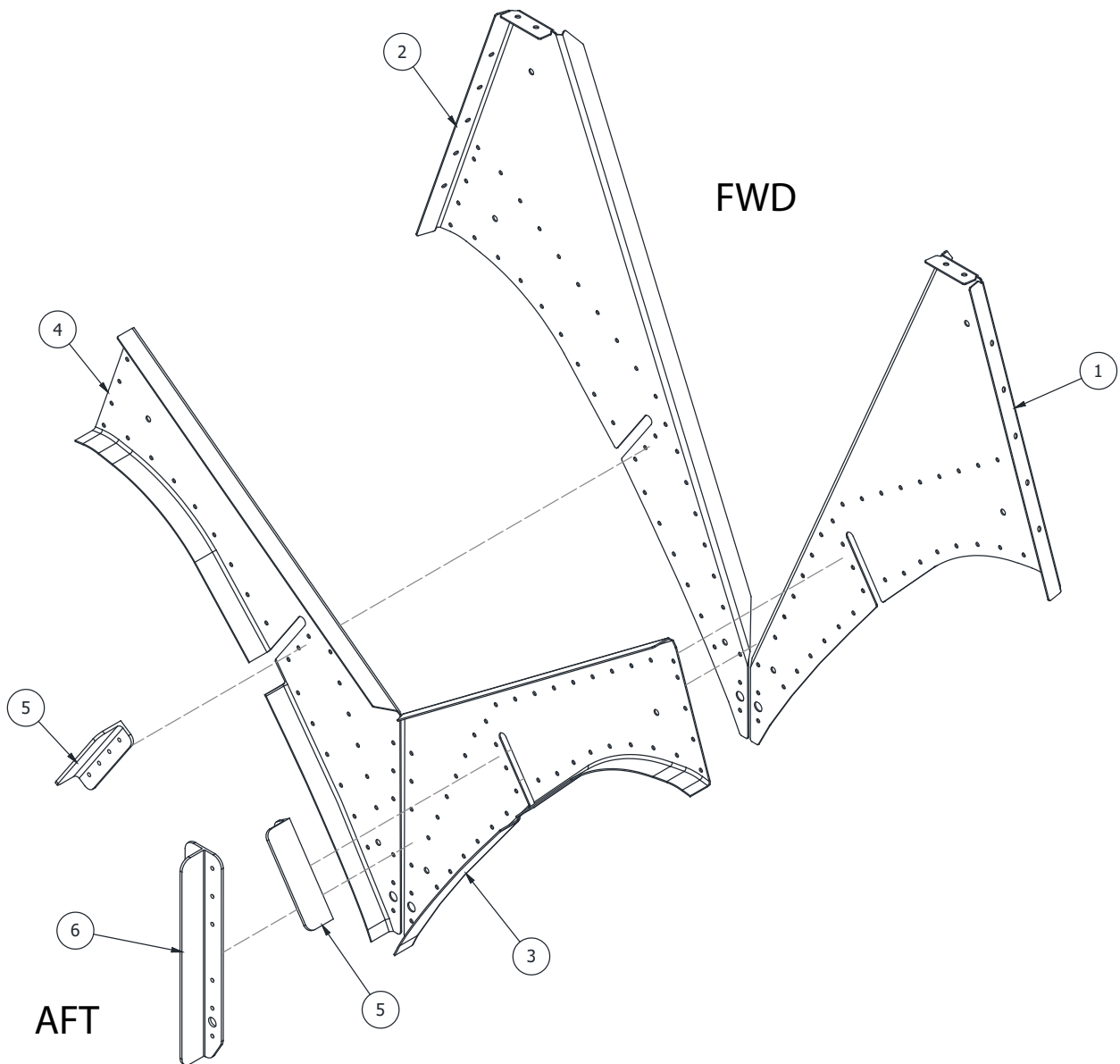
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	13A01733-001	NOSE BUMPER
2	2	6A01359-051	ANGLE, NOSE BUMPER ATTACH
3	4	CN130120	NUT, CLIP, ASSEMBLY, 13/16" DIA / 10-32 THREAD
4	4	AN3-7A	BOLT, SIZE 10-32, LENGTH +/- 1/64 - 29/32, GRIP LENGTH 1/2
5	2	AN3-12A	BOLT, 10-32 THREAD, 7/8" GRIP, 1-9/32" LENGTH
6	6	AN970-3	WASHER, .203 ID, .875 OD, .063 THK
7	1	1008285	SPACER, NOSE BUMPER, 10000

BULKHEAD #1



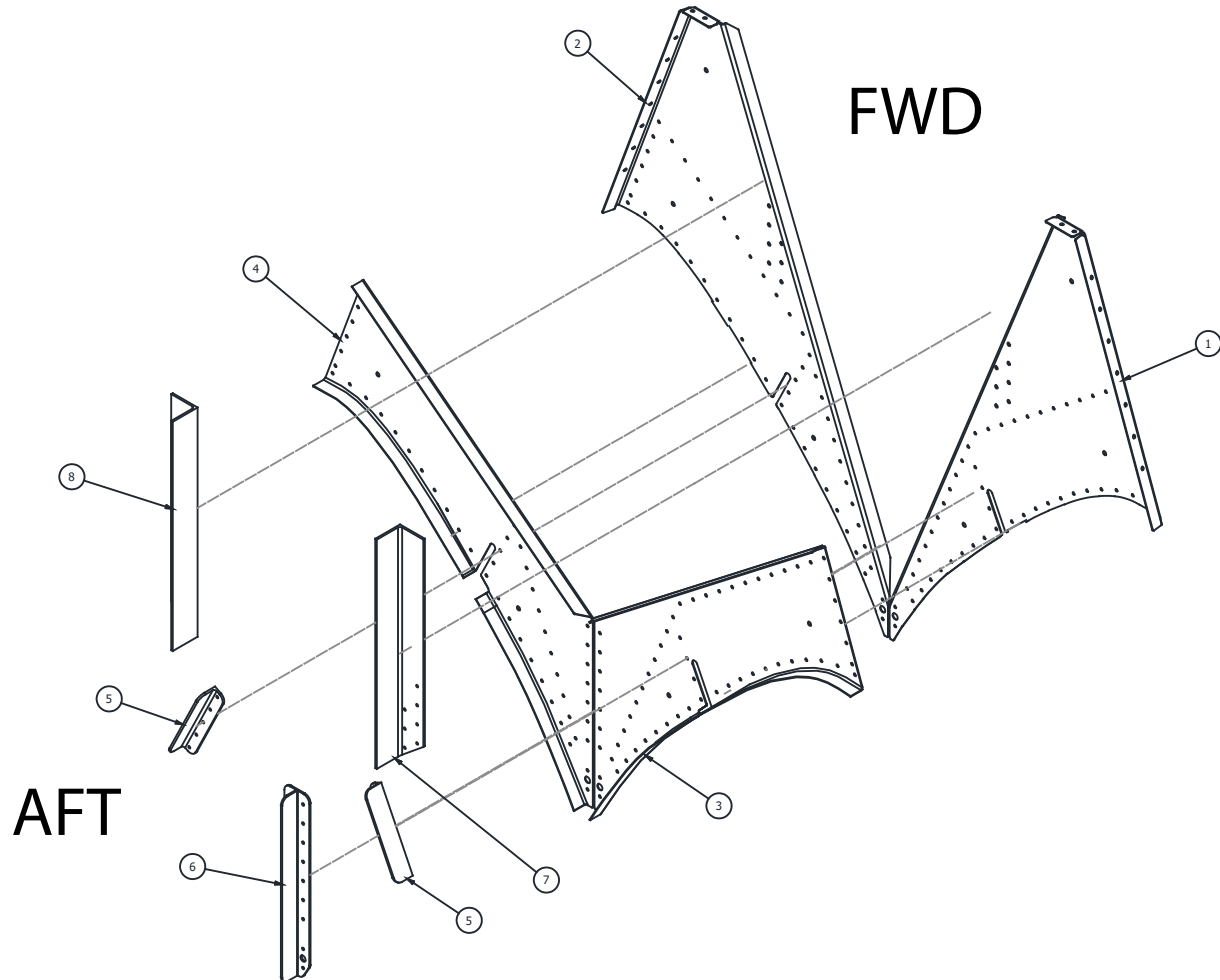
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1008815	ASSEMBLY BULKHEAD #1, 10000
1	1	1008797	PANEL, BULKHEAD #1
2	1	13A01156-085	DOUBLER #1 BULKHEAD
3	1	13A01357-049	CLEAT, SISTER KEEL ATTACH #1 BULKHEAD
4	1	13A01357-050	CLEAT, SISTER KEEL ATTACH #1 BULKHEAD
5	1	6A01156-054	ANGLE – TOP RAIL
6	1	6A01156-055	ANGLE – TOP RAIL
7	17	MS21047L4	NUT PLATE, SELF LOCKING

BULKHEAD #2



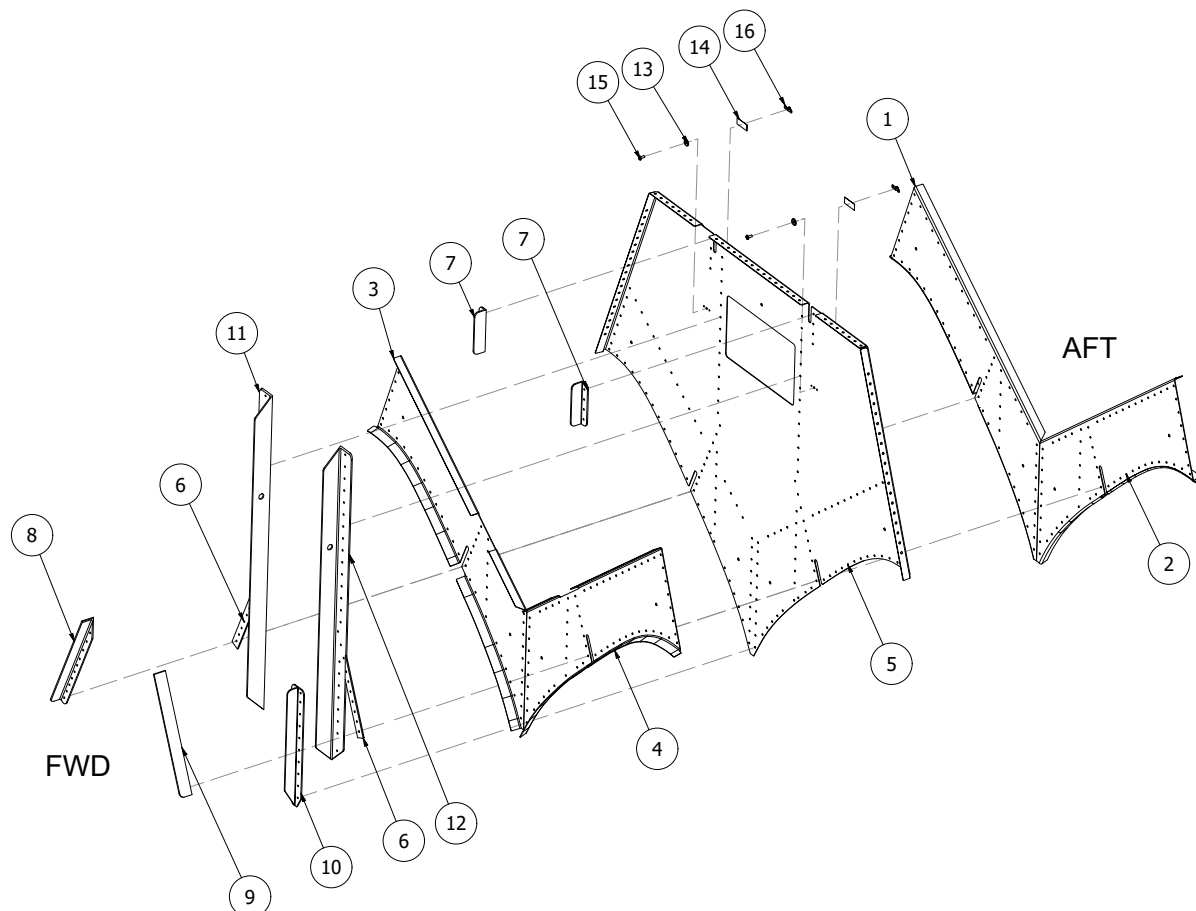
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1008816	ASSEMBLY BULKHEAD #2, 10000
1	1	1008813	PANEL, SIDE, RH, BULKHEAD 2
2	1	1008814	PANEL, SIDE, LH, BULKHEAD 2
3	1	13A01150-002	FLUTE, BULKHEAD, #2, RT
4	1	13A01150-003	FLUTE, BULKHEAD, #2, LT
5	2	13A01359-127	ANGLE, BULKHEAD #2, SISTER KEEL ATTACH
6	1	13A01381-002	STIFFENER, BULKHEAD #2, CENTER

BULKHEAD #3



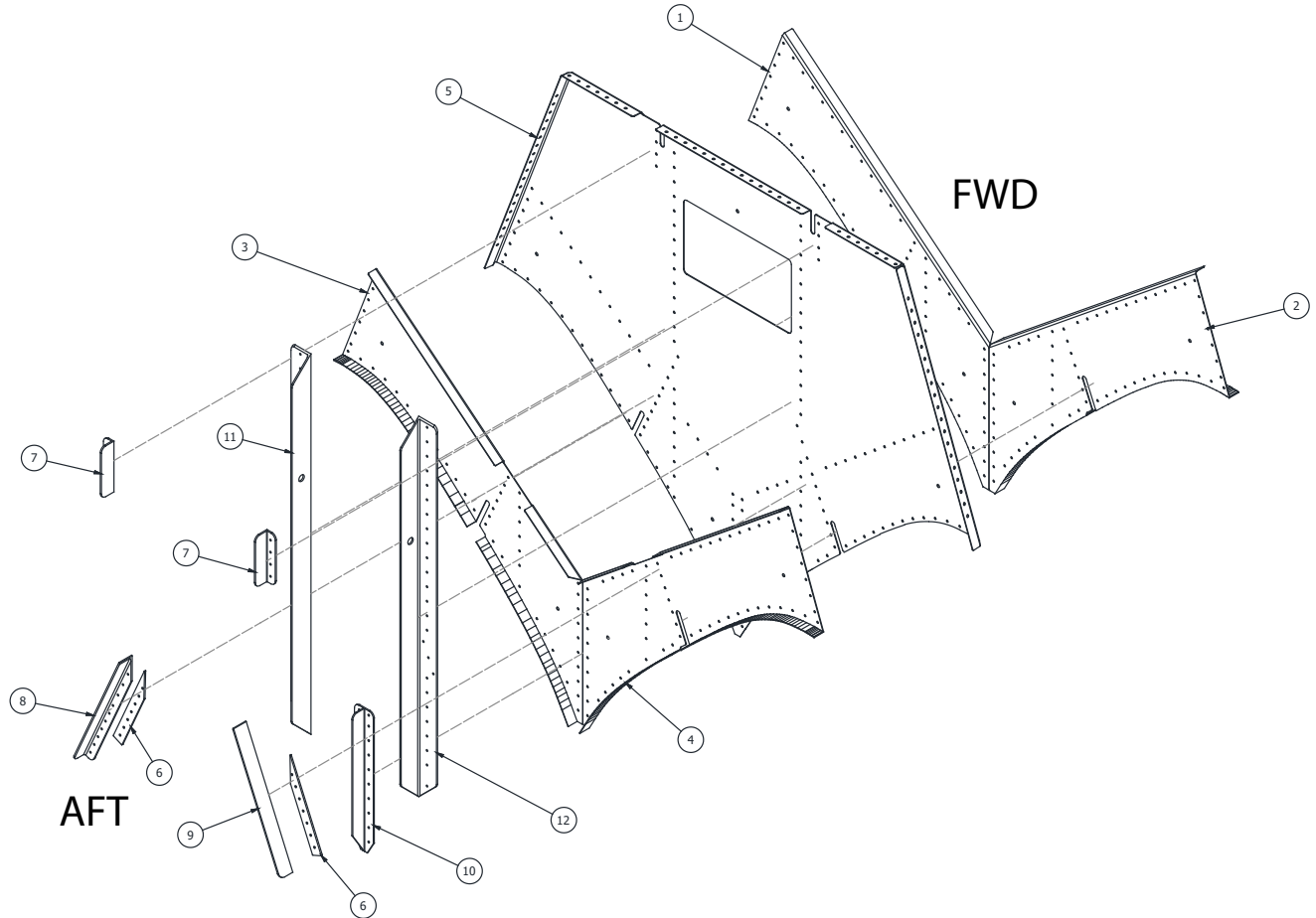
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1008819	ASSEMBLY BULKHEAD #3, 10000
1	1	1008817	PANEL, SIDE, RH, BULKHEAD 3
2	1	1008818	PANEL, SIDE, LH, BULKHEAD 3
3	1	13A01150-004	FLUTE, BULKHEAD #3, RT
4	1	13A01150-005	FLUTE, BULKHEAD #3, LT
5	2	13A01359-128	ANGLE, BULKHEAD #3, SISTER KEEL ATTACH
6	1	13A01381-003	T ANGLE, BULKHEAD #3, LT
7	1	13A01382-004	ANGLE, BULKHEAD #3, VERTICLE STIFFENER RT.
8	1	13A01382-005	ANGLE, BULKHEAD #3, VERTICLE STIFFENER LT.

BULKHEAD #4 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER



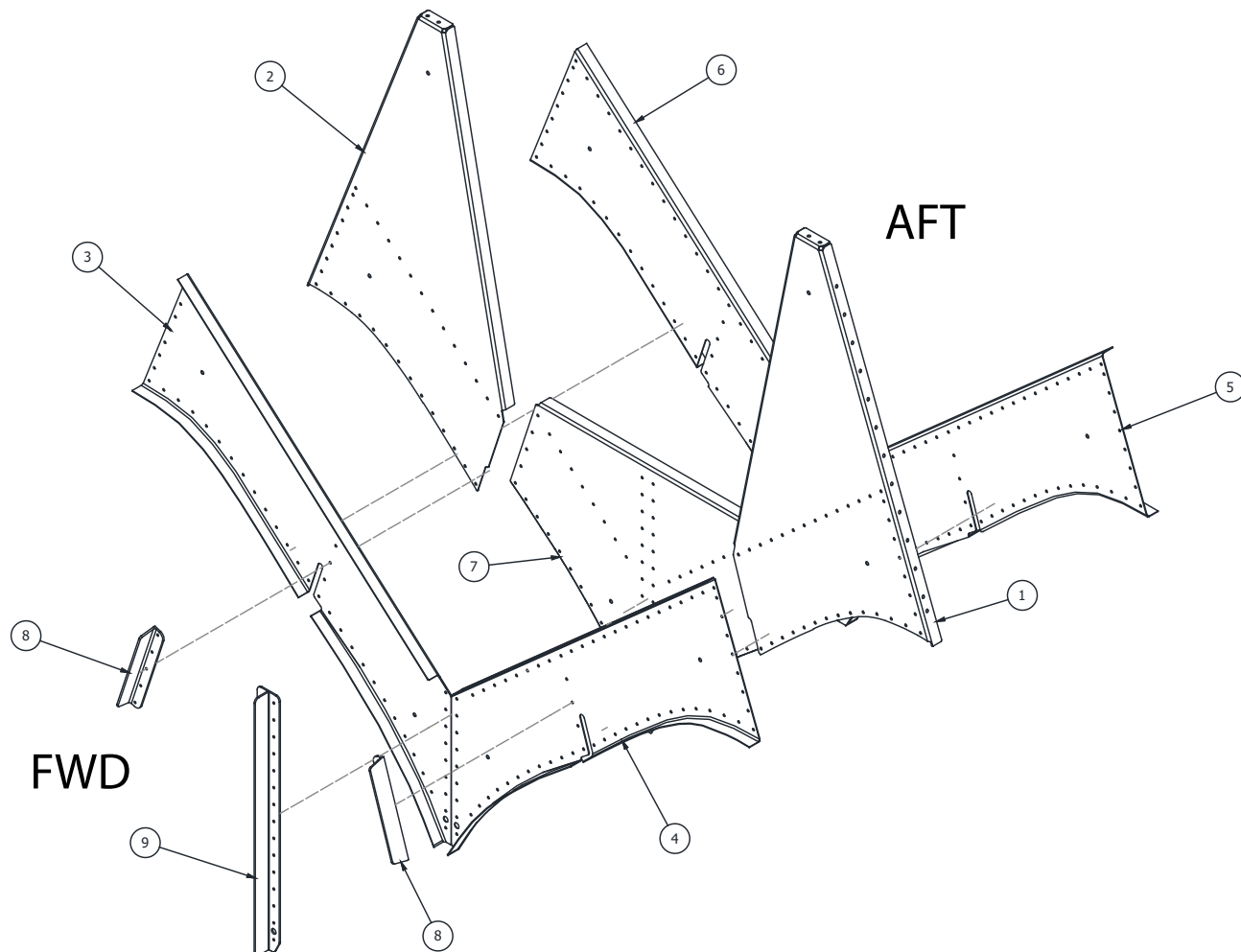
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012899	ASSEMBLY, BH 04, 10000
1	1	1001305	FLUTE, BULKHEAD #4, FWD LH
2	1	1001306	FLUTE, BH #4, FWD RH
3	1	1001308	FLUTE, BH #4, AFT LH
4	1	1001309	FLUTE, BH #4, AFT RH
5	1	1012981	PANEL, BH 04
6	2	13A01157-005	SPACER, BULKHEAD
7	2	13A01359-124	ANGLE, TOP RAIL ATTACH
8	1	13A01359-125	ANGLE, BH #4, SISTER KEEL ATTACH, LT
9	1	13A01359-126	ANGLE, BH #4, SISTER KEEL ATTACH, RT
10	1	13A01381-001	"T" ANGLE, BH #4, KEEL ATTACH
11	1	13A01382-001	ANGLE, BH #4, NOSE BOX COVER ATTACH, LT
12	1	13A01382-002	ANGLE, BH #4, NOSE BOX COVER ATTACH, RT
13	2	94154A100	WASHER, STAINLESS STEEL W/PVC PLASTIC, SEALING
14	A/R	9903-13-36	TAPE, TINNEMAN, 1/2"X.005"
15	2	AN526-632R6	SCREW, MACHINE, TRUSS HEAD
16	2	MS21047L06	NUT PLATE, FIXED, STEEL, PLAIN, 6-32

BULKHEAD #4 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR



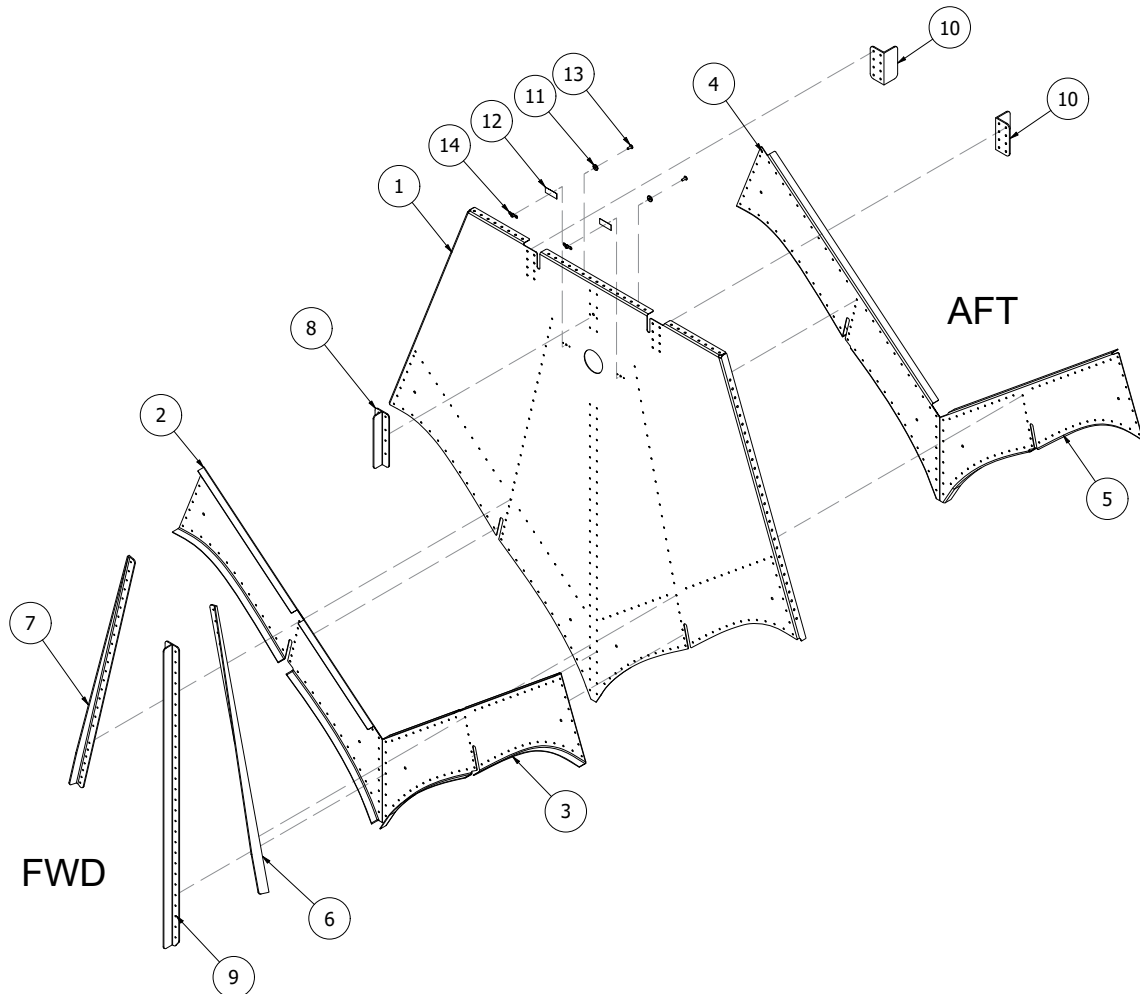
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1007902	ASSEMBLY BULKHEAD #4, 10000
1	1	1001305	FLUTE, BULKHEAD #4, FWD LT
2	1	1001306	FLUTE, BULKHEAD #4, FWD RT
3	1	1001308	FLUTE, BULKHEAD #4, AFT LT
4	1	1001309	FLUTE, BULKHEAD #4, AFT RT
5	1	1007901	PANEL, BULKHEAD 4
6	2	13A01157-005	SPACER, BULKHEAD
7	2	13A01359-124	ANGLE, TOP RAIL ATTACH
8	1	13A01359-125	ANGLE, BULKHEAD #4, SISTER KEEL ATTACH, LT
9	1	13A01359-126	ANGLE, BULKHEAD #4, SISTER KEEL ATTACH, RT
10	1	13A01381-001	T ANGLE, BULKHEAD #4, KEEL ATTACH
11	1	13A01382-001	ANGLE, BULKHEAD #4, NOSE BOX COVER ATTACH, LT
12	1	13A01382-002	ANGLE, BULKHEAD #4, NOSE BOX COVER ATTACH, RT

BULKHEAD #5



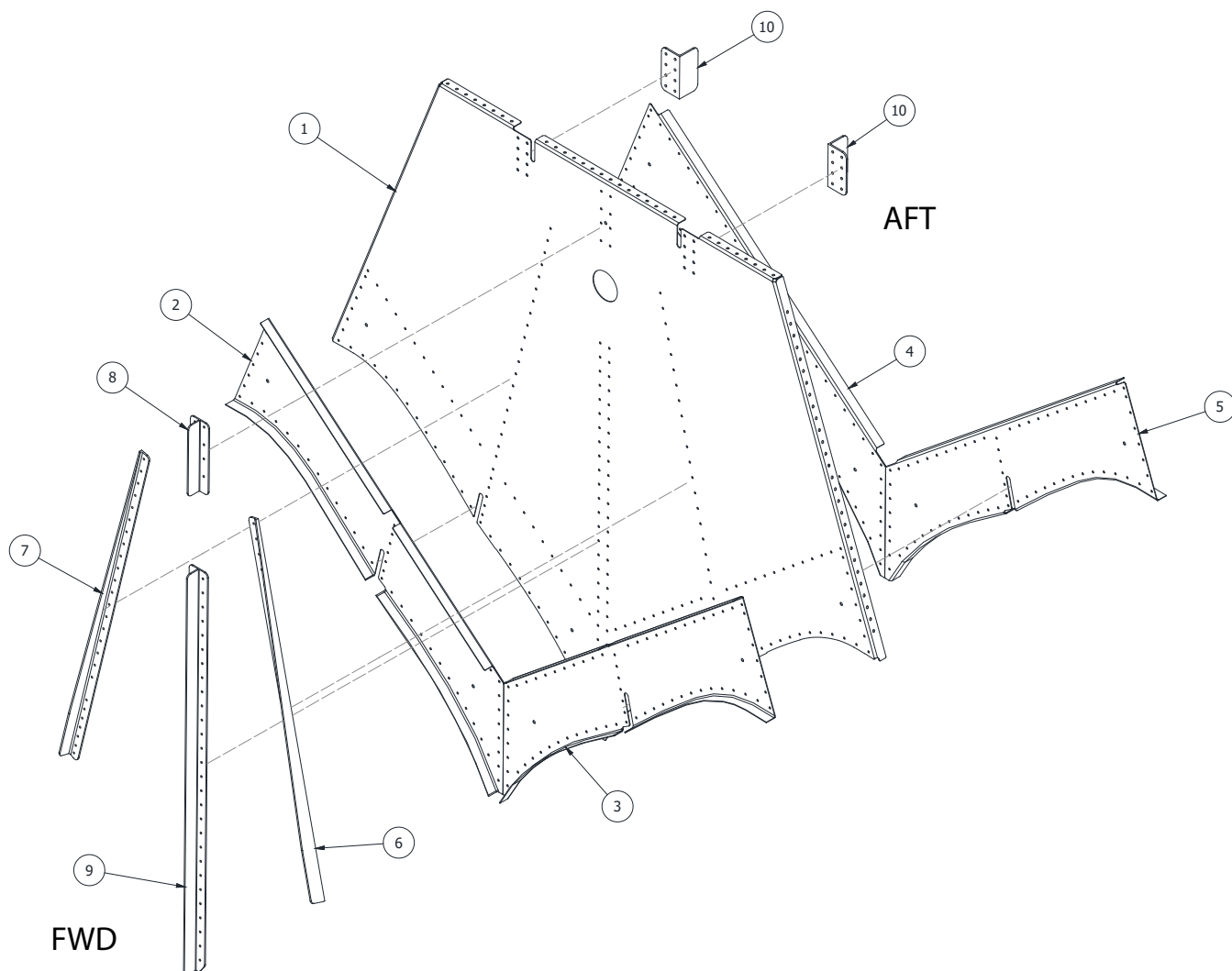
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1007920	ASSEMBLY BULKHEAD #5, 10000
1	1	1007903	PANEL, SIDE, LH, BULKHEAD 5
2	1	1007904	PANEL, SIDE, RH, BULKHEAD 5
3	1	13A01150-010	FLUTE, BULKHEAD 5, FWD, RIGHT
4	1	13A01150-011	FLUTE, BULKHEAD 5, FWD, LEFT
5	1	13A01150-012	FLUTE, BULKHEAD 5, AFT, LEFT
6	1	13A01150-013	FLUTE, BULKHEAD 5, AFT, RIGHT
7	1	13A01150-051	MAIN PANEL, BULKHEAD #5
8	1	13A01359-129	ANGLE, BH #5, SISTER KEEL ATTACH
9	1	13A01381-004	STIFFENER, BH #5, CENTER

BULKHEAD #6 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER



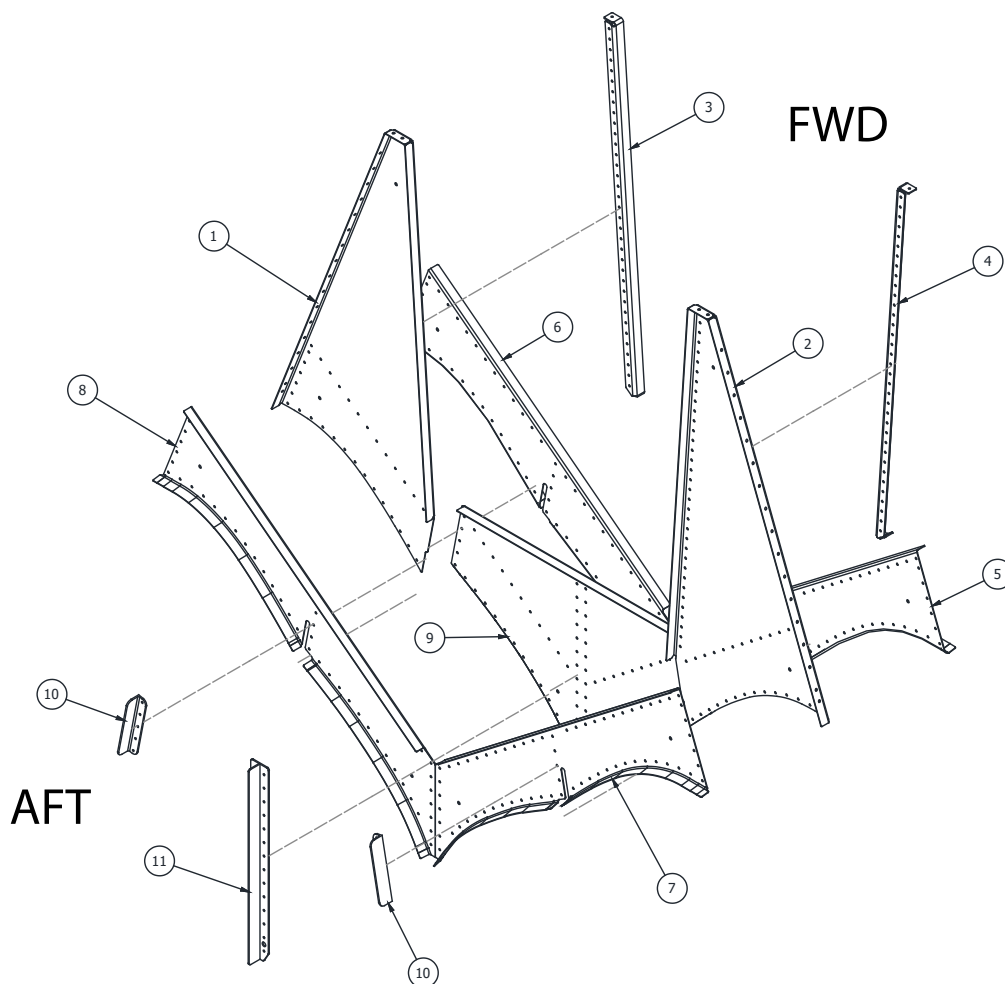
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012900	ASSEMBLY, BH 06, 10000
1	1	1012982	PANEL, BH 06
2	1	13A01150-014	FLUTE, BH #6, FWD RT
3	1	13A01150-015	FLUTE, BH #6, FWD LT
4	1	13A01150-016	FLUTE, BH #6, AFT RT
5	1	13A01150-017	FLUTE, BH #6, AFT LT
6	1	13A01359-164	ANGLE, BH #6, SISTER KEEL, LT
7	1	13A01359-165	ANGLE, BH #6, SISTER KEEL, RT
8	1	13A01381-013	STIFFENER, BH #6, CENTER, UPR
9	1	13A01381-014	STIFFENER, BH #6, CENTER, LWR
10	2	13A01382-003	CLEAT, TOP DECK RAIL
11	2	94154A100	WASHER, STAINLESS STEEL W/PVC PLASTIC, SEALING
12	2.5 IN	9903-13-36	TAPE, TINNEMAN, 1/2"X.005"
13	2	AN526-632R6	SCREW, MACHINE, TRUSS HEAD
14	2	MS21047L06	NUT PLATE, FIXED, STEEL, PLAIN, 6-32

BULKHEAD #6 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR



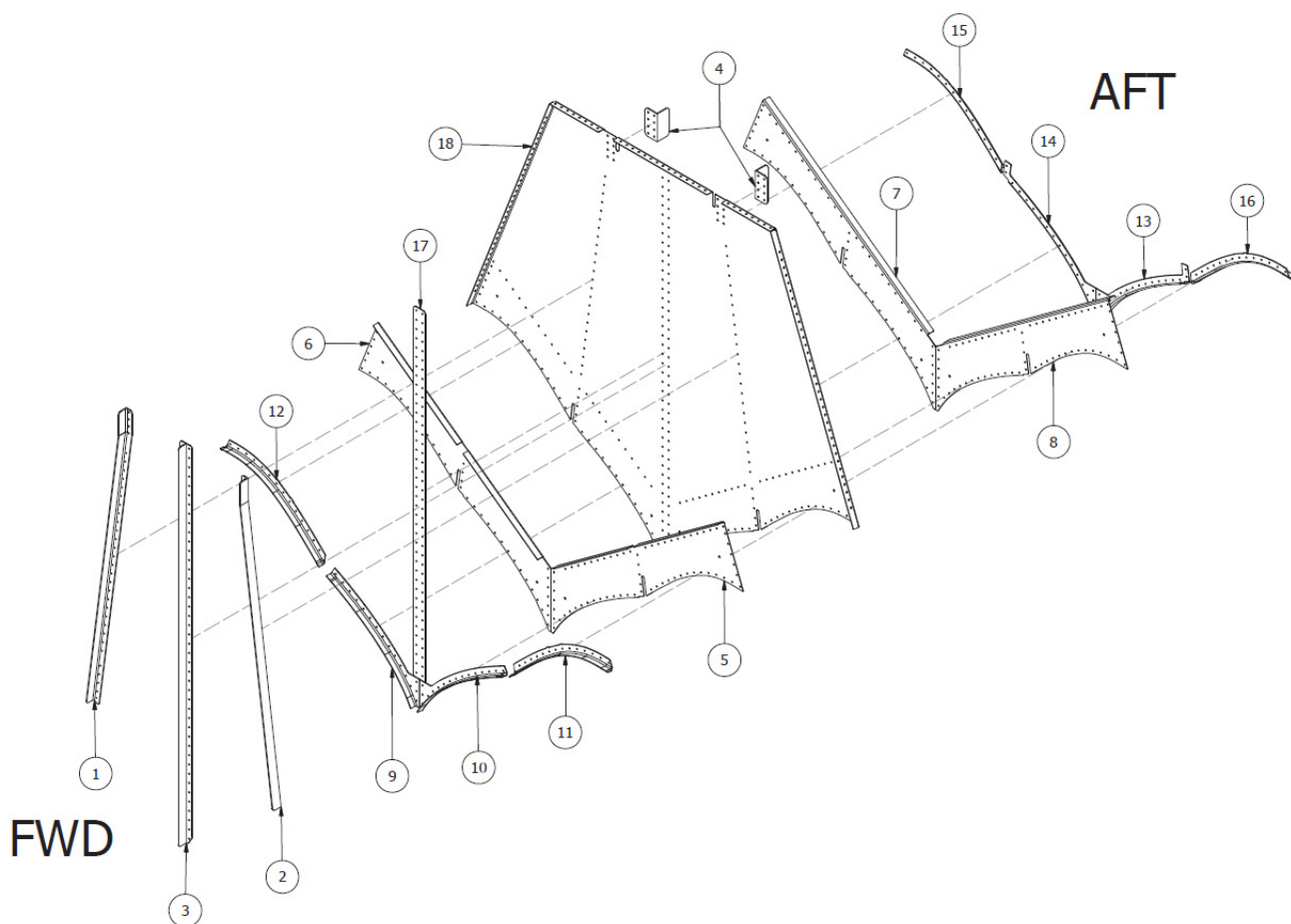
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1007921	ASSEMBLY BULKHEAD #6, 10000
1	1	1007905	PANEL, BULKHEAD 6
2	1	13A01150-014	FLUTE, BULKHEAD #6, FWD RT
3	1	13A01150-015	FLUTE, BULKHEAD #6, FWD LT
4	1	13A01150-016	FLUTE, BULKHEAD #6, AFT RT
5	1	13A01150-017	FLUTE, BULKHEAD #6, AFT LT
6	1	13A01359-164	ANGLE, BULKHEAD #6, SISTER KEEL, LT
7	1	13A01359-165	ANGLE, BULKHEAD #6, SISTER KEEL, RT
8	1	13A01381-013	STIFFENER, BULKHEAD #6, CENTER, UPR
9	1	13A01381-014	STIFFENER, BULKHEAD #6, CENTER, LWR
10	2	13A01382-003	CLEAT, TOP DECK RAIL

BULKHEAD #7



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1007922	ASSEMBLY BULKHEAD #7, 10000
1	1	1007907	PANEL, SIDE, LH, BULKHEAD 7
2	1	1007908	PANEL, SIDE, RH, BULKHEAD 7
3	1	1009157	STIFFENER, PANEL, LH, BH 7, 10000
4	1	1009158	STIFFENER, PANEL, RH, BH 7, 10000
5	1	13A01150-018	FLUTE, BH #7, FWD RT
6	1	13A01150-019	FLUTE, BH #7, FWD LT
7	1	13A01150-020	FLUTE, BH #7, AFT RT
8	1	13A01150-021	FLUTE, BH #7, AFT LT
9	1	13A01150-055	MAIN PANEL, BH #7
10	2	13A01359-130	ANGLE, BH #7, SISTER KEEL ATTACH
11	1	13A01381-008	STIFFENER, CENTER, BH #7, 10, 12, 13, & 15

BULKHEAD #8



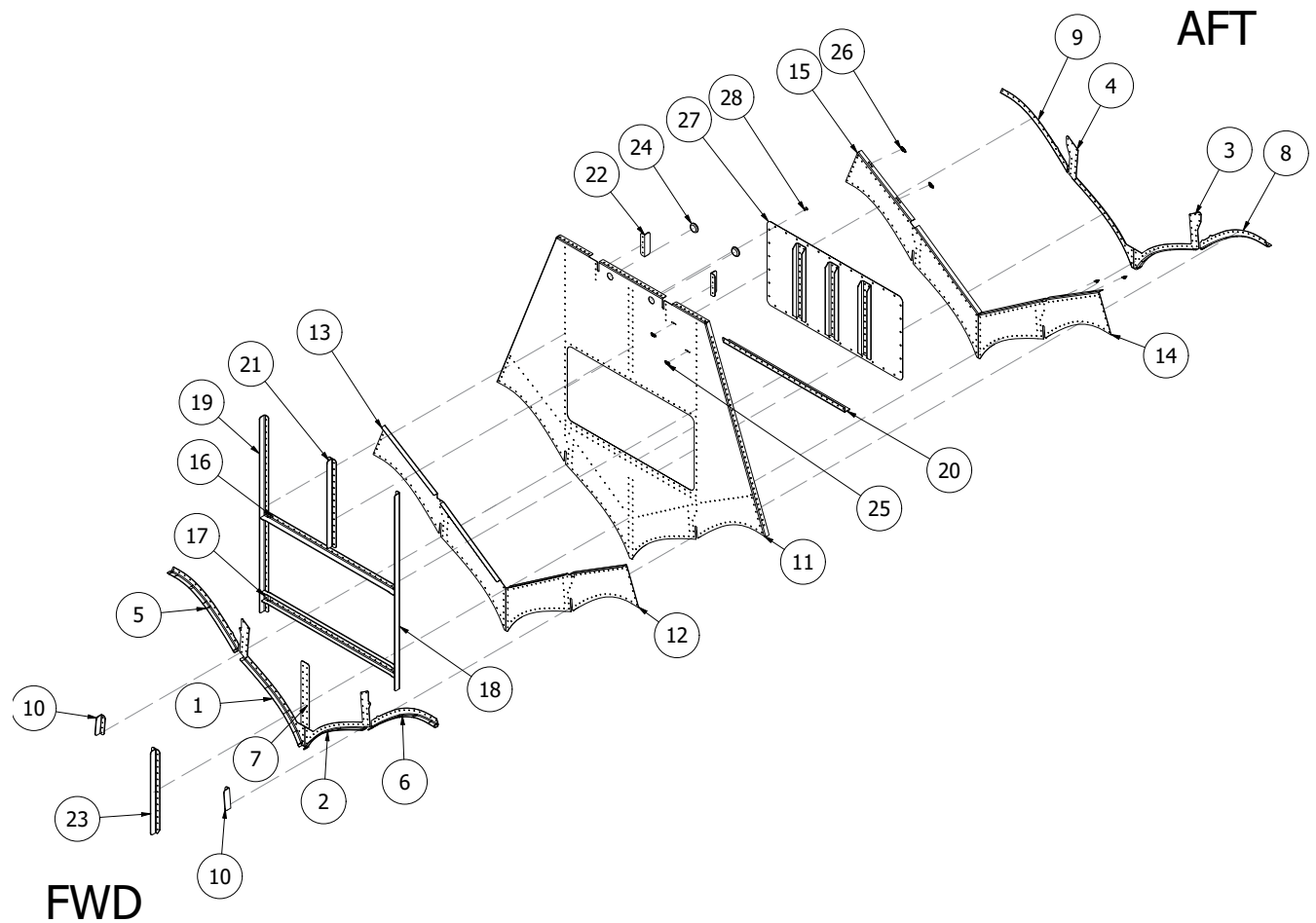
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011481	ASSEMBLY, BULKHEAD #8, 10000
1	1	10A01359-241	ANGLE, BH #8, SISTER KEEL, RH
2	1	10A01359-242	ANGLE, BH #8, SISTER KEEL, LH
3	1	10A01381-017	ANGLE, BH #8, CENTER
4	2	13A01382-003	CLEAT, TOP DECK RAIL
5	1	1011482	PANEL, FLUTE, 10000
6	1	1011483	PANEL, FLUTE, 10000
7	1	1011484	PANEL, FLUTE, 10000
8	1	1011485	PANEL, FLUTE, 10000
9	1	1011486	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
10	1	1011487	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
11	1	1011488	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
12	1	1011489	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
13	1	1011490	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
14	1	1011491	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
15	1	1011492	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000

PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
16	1	1011493	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
17	1	1011495	SPACER, STIFFENING ANGLE
18	1	1011689	PANEL, BULKHEAD 8

BULKHEAD #9 LEFT FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER



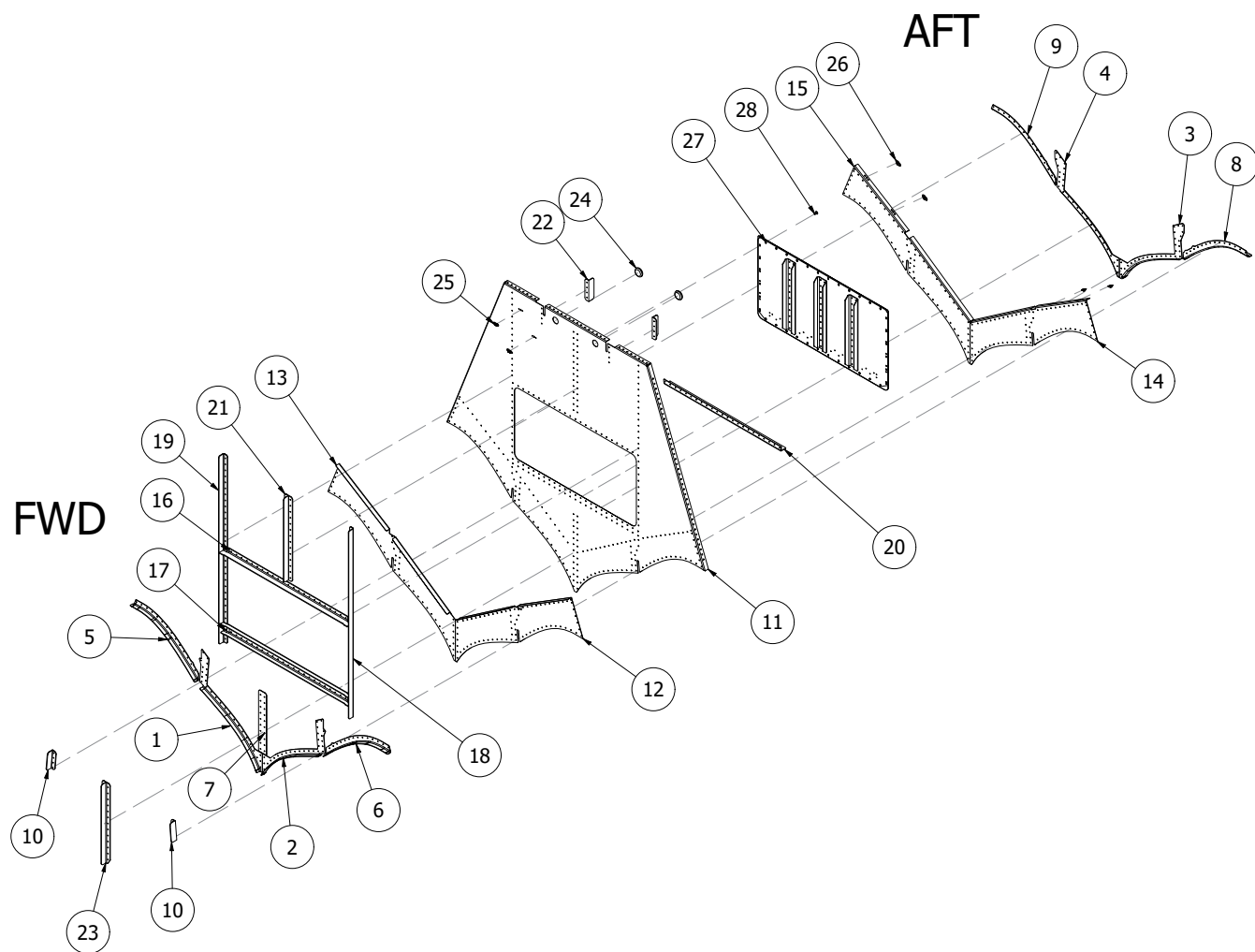
PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012901	ASSEMBLY, BH09, LF, 10000
1	1	1011474	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
2	1	1011475	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
3	1	1011476	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
4	1	1011477	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
5	1	1011478	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
6	1	1011479	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
7	1	1011480	SPACER, STIFFENING ANGLE
8	1	1011496	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
9	1	1011497	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
10	2	1012068	ANGLE, SISTER KEEL, 10000
11	1	1012909	PANEL, MAIN, LF, BH09
12	1	1012919	PANEL, FLUTE, FWD, LH , BH09
13	1	1012920	PANEL, FLUTE, FWD, RH , BH09
14	1	1012921	PANEL, FLUTE, AFT, LH , BH09
15	1	1012922	PANEL, FLUTE, AFT, RH , BH09
16	1	1012935	STIFFENER, HORIZONTAL, UPPER, BH09
17	1	1012937	STIFFENER, HORIZONTAL, LOWER, BH09
18	1	1012939	STIFFENER, VERTICAL, LH, BH09
19	1	1012940	STIFFENER, VERTICAL, RH, BH09
20	1	1012947	BRACKET, MOUNTING, FLOOR, BH09
21	1	1012951	STIFFENER, CENTER, TOP, BH09
22	2	13A01359-124	ANGLE, TOP RAIL ATTACH
23	1	13A01381-011	STIFFENER, CENTER, BOTTOM, BH09
24	2	9600K518	HOLE PLUG, RUBBER, 1.000 IN
25	2	MS21059L06	NUTPLATE, FLOATING, DRY LUBE, 6-32
26	8	MS21059L08	NUTPLATE, FLOATING, DRY LUBE, 8-32
27*	1	1012907	ASSEMBLY, COVER, BH09 & BH14
21.1	1	1012914	PANEL, COVER, BH09 & BH14
27.2	3	1012915	STIFFENER, COVER, BH09 & BH14
28*	A/R	AN526-832R6	SCREW, MACHINE, TRUSS HEAD

* Not Included with bulkhead assembly.

BULKHEAD #9 RIGHT FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER



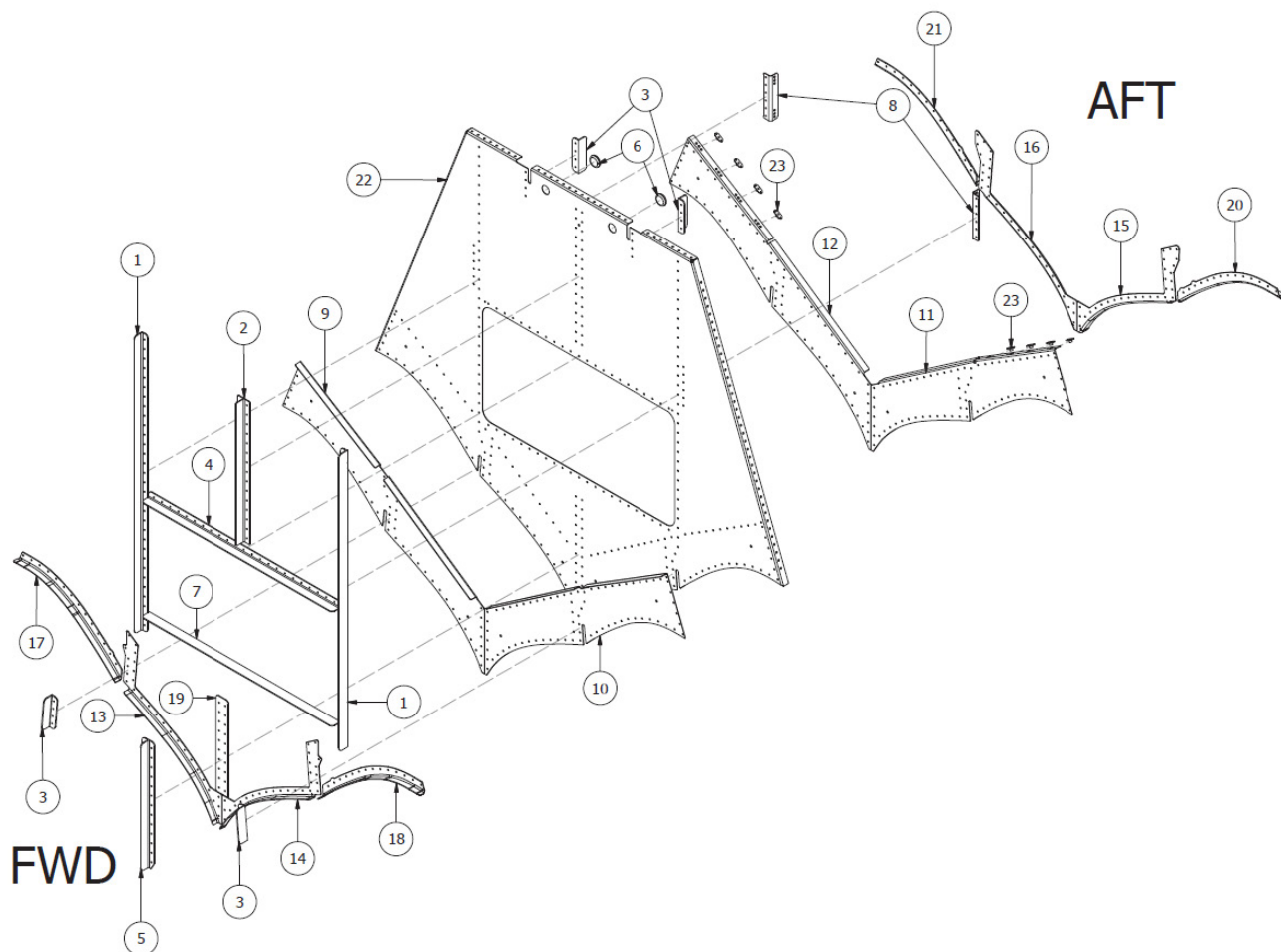
PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012902	ASSEMBLY, BH09, RF, 10000
1	1	1011474	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
2	1	1011475	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
3	1	1011476	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
4	1	1011477	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
5	1	1011478	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
6	1	1011479	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
7	1	1011480	SPACER, STIFFENING ANGLE
8	1	1011496	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
9	1	1011497	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
10	2	1012068	ANGLE, SISTER KEEL, 10000
11	1	1012910	PANEL, MAIN, RF, BH09
12	1	1012919	PANEL, FLUTE, FWD, LH , BH09
13	1	1012920	PANEL, FLUTE, FWD, RH , BH09
14	1	1012921	PANEL, FLUTE, AFT, LH , BH09
15	1	1012922	PANEL, FLUTE, AFT, RH , BH09
16	1	1012935	STIFFENER, HORIZONTAL, UPPER, BH09
17	1	1012937	STIFFENER, HORIZONTAL, LOWER, BH09
18	1	1012939	STIFFENER, VERTICAL, LH, BH09
19	1	1012940	STIFFENER, VERTICAL, RH, BH09
20	1	1012947	BRACKET, MOUNTING, FLOOR, BH09
21	1	1012951	STIFFENER, CENTER, TOP, BH09
22	2	13A01359-124	ANGLE, TOP RAIL ATTACH
23	1	13A01381-011	STIFFENER, CENTER, BOTTOM, BH09
24	2	9600K518	HOLE PLUG, RUBBER, 1.000 IN
25	2	MS21059L06	NUTPLATE, FLOATING, DRY LUBE, 6-32
26	8	MS21059L08	NUTPLATE, FLOATING, DRY LUBE, 8-32
27*	1	1012907	ASSEMBLY, COVER, BH09 & BH14
21.1	1	1012914	PANEL, COVER, BH09 & BH14
27.2	3	1012915	STIFFENER, COVER, BH09 & BH14
28*	A/R	AN526-832R6	SCREW, MACHINE, TRUSS HEAD

* Not Included with bulkhead assembly.

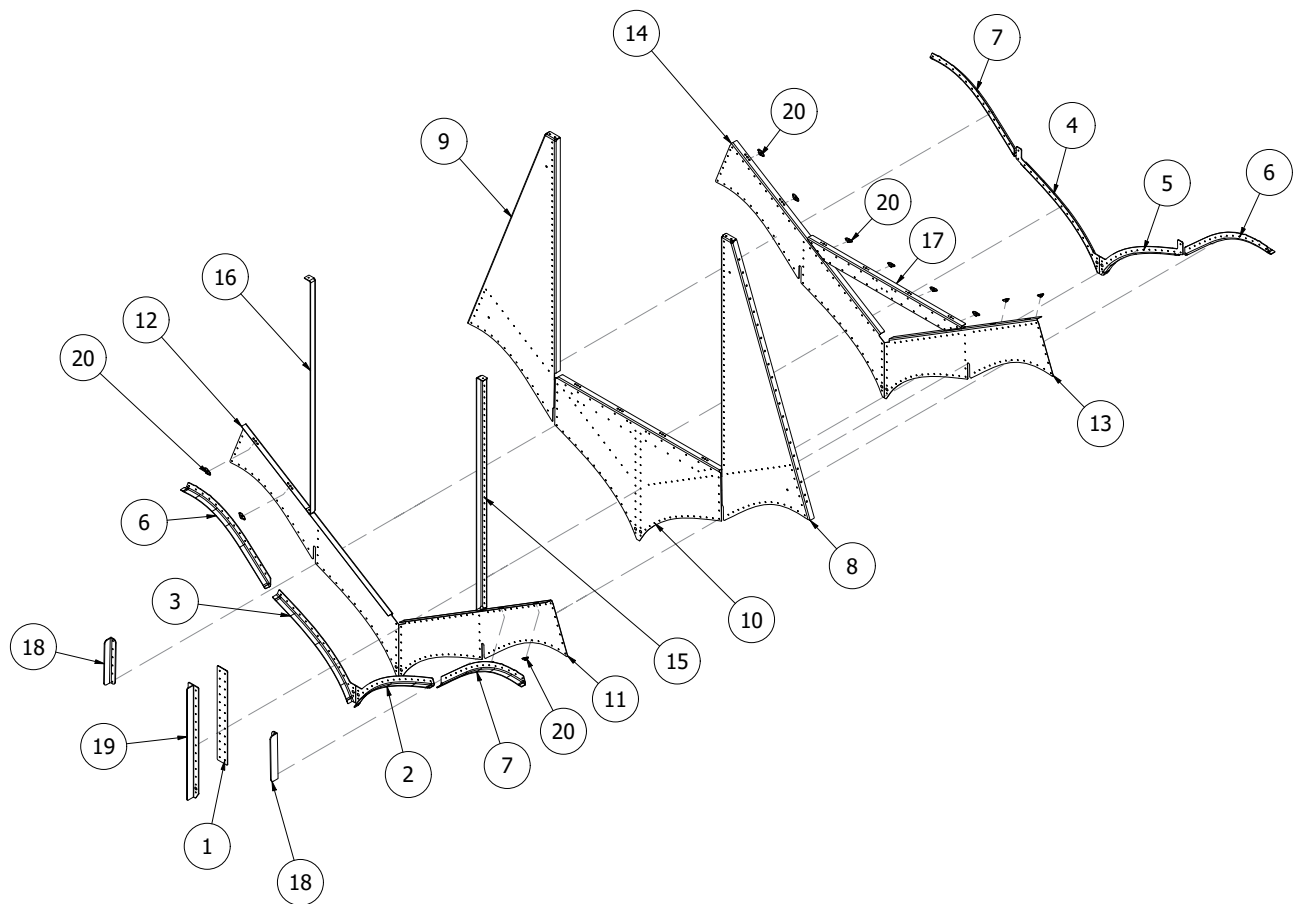
BULKHEAD #9 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011469	ASSEMBLY, BULKHEAD #9, 10000
1	2	10A01359-240	ANGLE, BH #9, SIDE STIFFENER
2	1	10A01381-016	STIFFENER, BH #9, TOP
3	4	13A01359-124	ANGLE, TOP RAIL ATTACH
4	1	13A01359-134	ANGLE, COVER REINFORCEMENT, BULKHEAD 14
5	1	13A01381-011	STIFFENER, CENTER, BOTTOM, BH 9 & 14
6	2	9600K517	PLUG
7	1	1007955	ANGLE, COVER REINFORCEMENT, BULKHEAD 9, 14
8	2	1009820	ASSEMBLY, ANGLE, SUPPORT, BACK STOP, 10000
9	1	1011470	PANEL, FLUTE, 10000
10	1	1011471	PANEL, FLUTE, 10000
11	1	1011472	PANEL, FLUTE, 10000
12	1	1011473	PANEL, FLUTE, 10000
13	1	1011474	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000

ITEM	QTY	PART NO.	PART DESCRIPTION
14	1	1011475	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
15	1	1011476	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
16	1	1011477	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
17	1	1011478	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
18	1	1011479	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
19	1	1011480	SPACER, STIFFENING ANGLE
20	1	1011496	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
21	1	1011497	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
22	1	1011502	PANEL, BULKHEAD 9
23	8	MS21059L08	NUT PLATE

BULKHEAD #10 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER

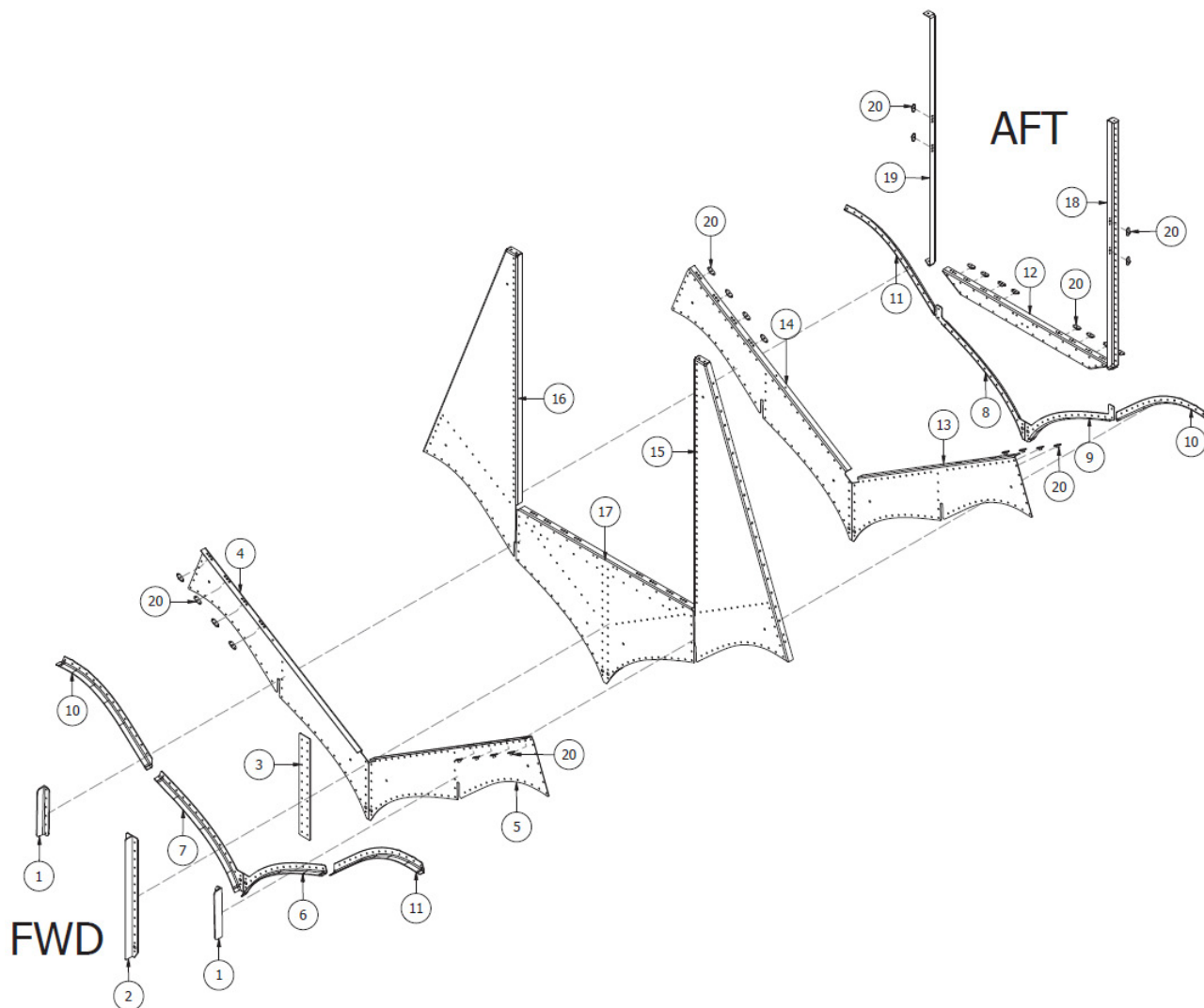


PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012903	ASSEMBLY, BH10, 10000
1	1	1011459	SPACER, STIFFENING ANGLE
2	1	1011463	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
3	1	1011464	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
4	1	1011465	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
5	1	1011466	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
6	2	1011467	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
7	2	1011468	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
8	1	1011509	PANEL, SIDE, LH, BULKHEAD 10
9	1	1011510	PANEL, SIDE, RH, BULKHEAD 10
10	1	1012911	PANEL, CENTER, BH10
11	1	1012923	PANEL, FLUTE, FWD, LH, BH10
12	1	1012924	PANEL, FLUTE, FWD, RH, BH10
13	1	1012925	PANEL, FLUTE, AFT, LH, BH10
14	1	1012926	PANEL, FLUTE, AFT, RH, BH10
15	1	1012941	STIFFENER, VERTICAL, LH, BH10
16	1	1012942	STIFFENER, VERTICAL, RH, BH10
17	1	1012949	STIFFENER, HORIZONTAL, BH10
18	2	13A01359-133	ANGLE, SISTER KEEL ATTACH
19	1	13A01381-008	STIFFENER, CENTER, BH 07, 10, 12, 13, & 15
20	12	MS21059L08	NUTPLATE, FLOATING, DRY LUBE, 8-32

BULKHEAD #10 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR



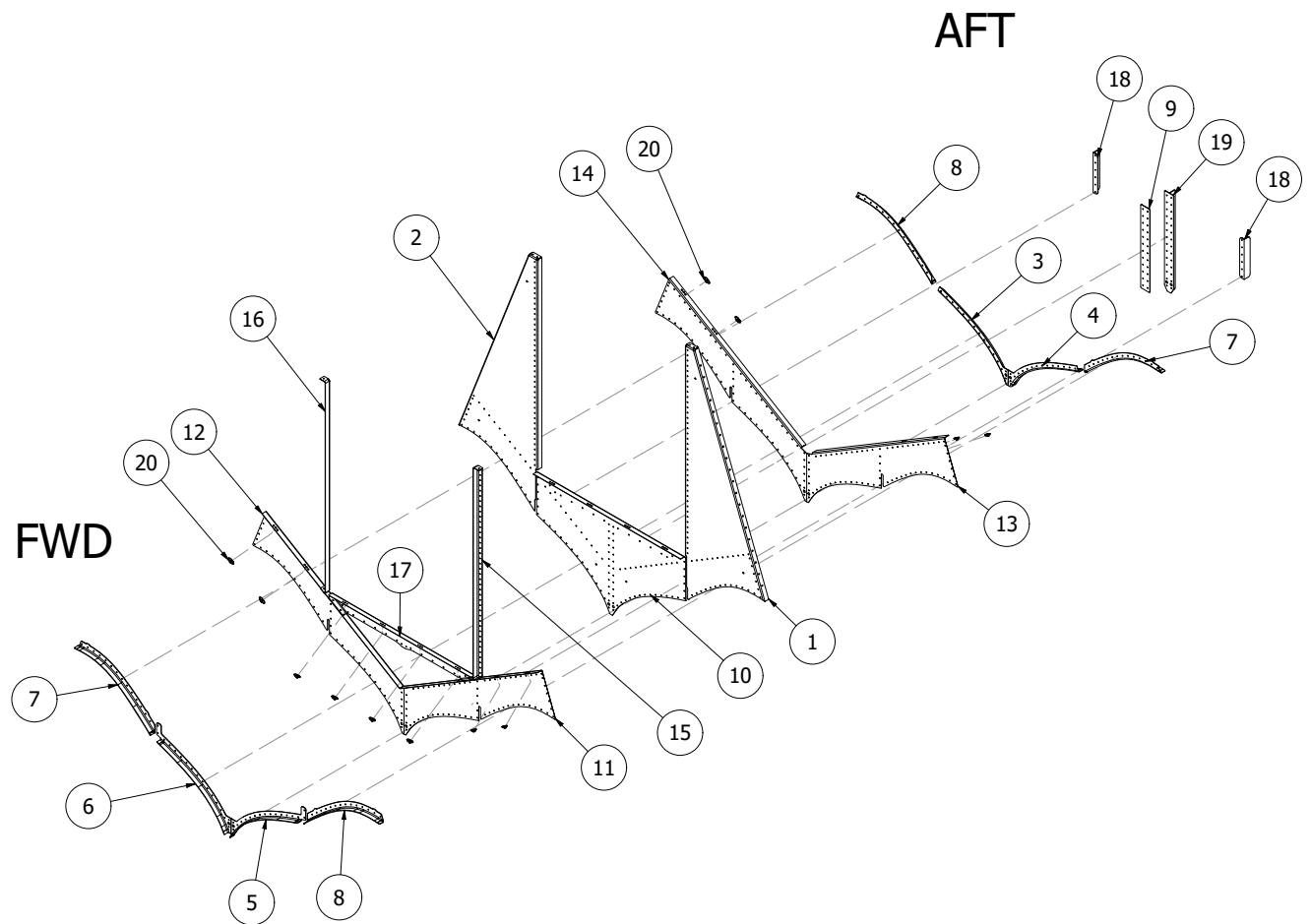
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011460	ASSEMBLY, BULKHEAD #10, 10000
1	2	13A01359-133	ANGLE, SISTER KEEL ATTACH
2	1	13A01381-008	STIFFENER, CENTER, BH #7, 10, 12, 13, & 15
3	1	1011459	SPACER, STIFFENING ANGLE
4	1	1011461	PANEL, FLUTE, 10000
5	1	1011462	PANEL, FLUTE, 10000
6	1	1011463	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
7	1	1011464	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
8	1	1011465	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
9	1	1011466	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
10	2	1011467	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
11	2	1011468	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
12	1	1011505	DOUBLER, BULKHEAD 10, 10000

PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
13	1	1011507	PANEL, FLUTE, 10000
14	1	1011508	PANEL, FLUTE, 10000
15	1	1011509	PANEL, SIDE, LH, BULKHEAD 10
16	1	1011510	PANEL, SIDE, RH, BULKHEAD 10
17	1	1011519	CENTER PANEL, BH 10
18	1	1011520	ANGLE, STIFFENER
19	1	1011521	ANGLE, STIFFENER
20	28	MS21059L08	NUT PLATE

BULKHEAD #12 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER

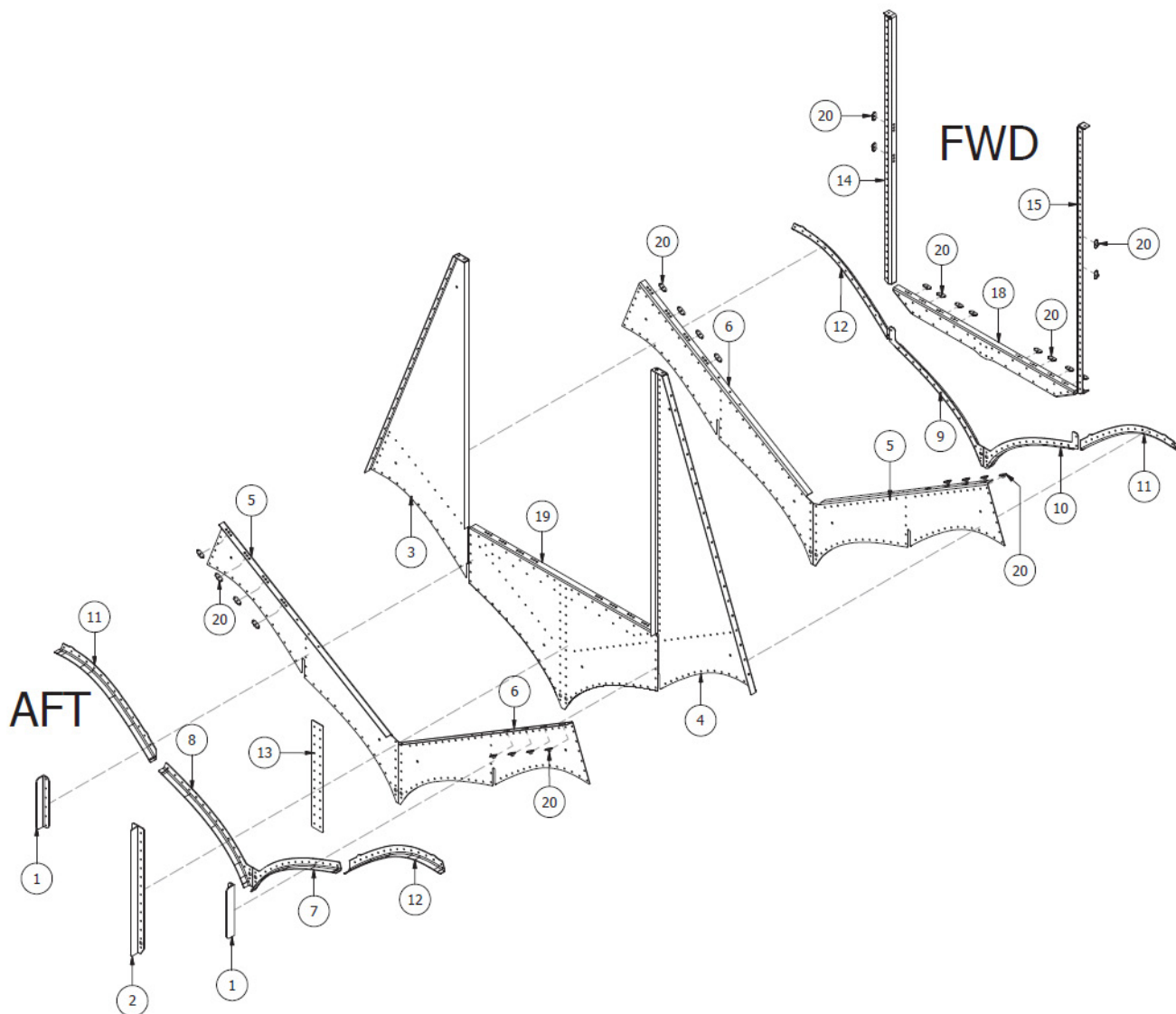


PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012904	ASSEMBLY, BH12, 10000
1	1	1007914	PANEL, SIDE, LH, BULKHEAD 12
2	1	1007915	PANEL, SIDE, RH, BULKHEAD 12
3	1	1011453	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
4	1	1011454	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
5	1	1011455	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
6	1	1011456	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
7	2	1011457	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
8	2	1011458	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
9	1	1011459	SPACER, STIFFENING ANGLE
10	1	1012912	PANEL, CENTER, BH12
11	1	1012927	PANEL, FLUTE, FWD, LH, BH12
12	1	1012928	PANEL, FLUTE, FWD, RH, BH12
13	1	1012929	PANEL, FLUTE, AFT, LH, BH12
14	1	1012930	PANEL, FLUTE, AFT, RH, BH12
15	1	1012943	STIFFENER, VERTICAL, LH, BH12
16	1	1012944	STIFFENER, VERTICAL, RH, BH12
17	1	1012950	STIFFENER, HORIZONTAL, BH12
18	2	13A01359-133	ANGLE, SISTER KEEL ATTACH
19	1	13A01381-008	STIFFENER, CENTER, BH 07, 10, 12, 13, & 15
20	12	MS21059L08	NUTPLATE, FLOATING, DRY LUBE, 8-32

BULKHEAD #12 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR



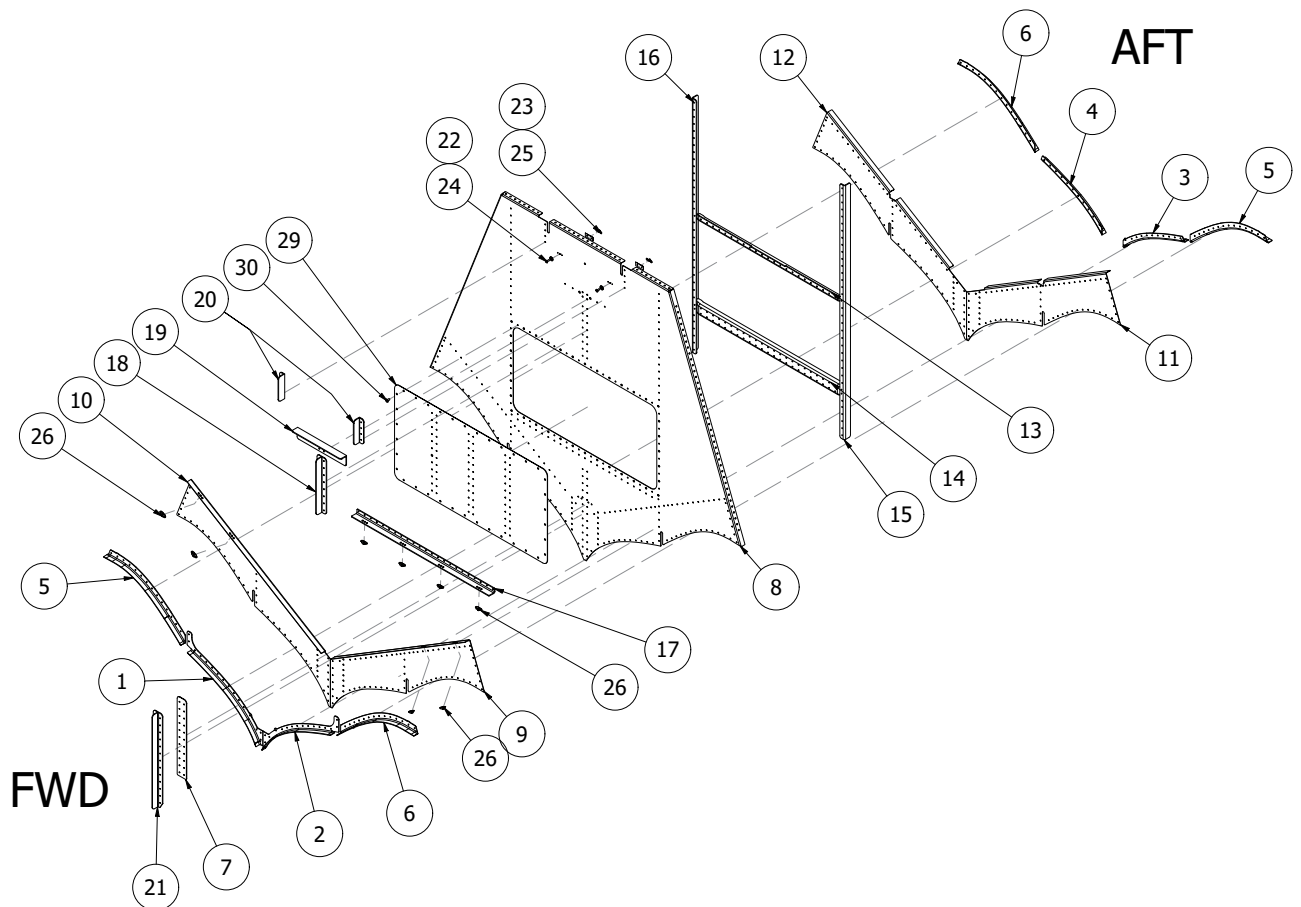
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011450	ASSEMBLY, BULKHEAD #12, 10000
1	2	13A01359-133	ANGLE, SISTER KEEL ATTACH
2	1	13A01381-008	STIFFENER, CENTER, BH #7, 10, 12, 13, & 15
3	1	1007914	PANEL, SIDE, LH, BULKHEAD 12
4	1	1007915	PANEL, SIDE, RH, BULKHEAD 12
5	2	1011451	PANEL, FLUTE, 10000
6	2	1011452	PANEL, FLUTE, 10000
7	1	1011453	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
8	1	1011454	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
9	1	1011455	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
10	1	1011456	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000

PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
11	2	1011457	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
12	2	1011458	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
13	1	1011459	SPACER, STIFFENING ANGLE
14	1	1011530	ANGLE, STIFFENER
15	1	1011531	ANGLE, STIFFENER
18	1	1011534	ANGLE, DOUBLER, BULKHEAD
19	1	1011536	PANEL, CENTER
20	28	MS21059L08	NUT PLATE

BULKHEAD #14 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER



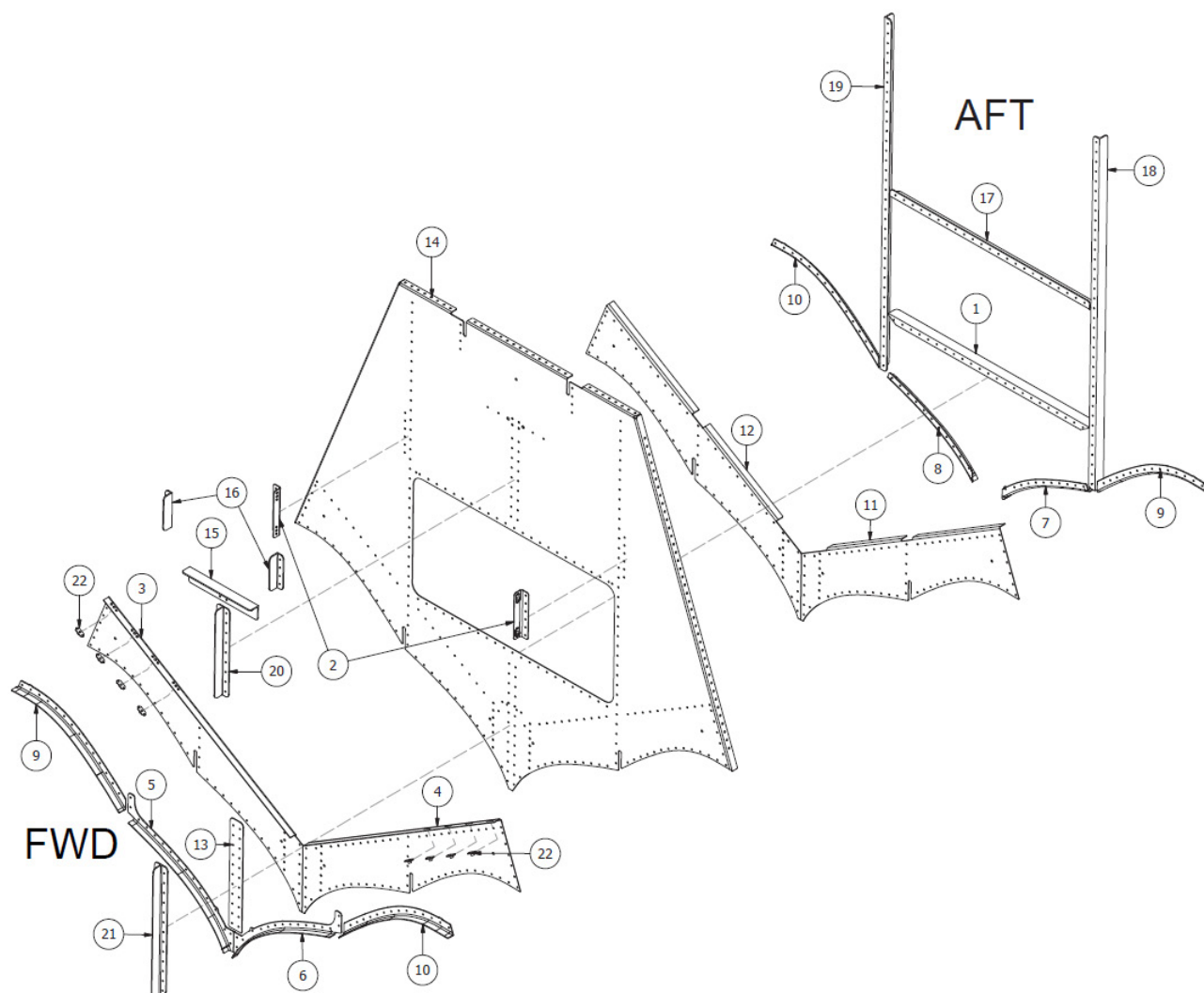
PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012905	ASSEMBLY, BH14, 10000
1	1	1011392	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
2	1	1011393	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
3	1	1011394	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
4	1	1011395	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
5	2	1011396	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
6	2	1011397	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
7	1	1011400	SPACER, STIFFENER, BULKHEAD
8	1	1012913	PANEL, MAIN, BH14
9	1	1012931	PANEL, FLUTE, FWD, LH, BH14
10	1	1012932	PANEL, FLUTE, FWD, RH, BH14
11	1	1012933	PANEL, FLUTE, AFT, LH, BH14
12	1	1012934	PANEL, FLUTE, AFT, RH, BH14
13	1	1012936	STIFFENER, HORIZONTAL, UPPER, BH14
14	1	1012938	STIFFENER, HORIZONTAL, LOWER, BH14
15	1	1012945	STIFFENER, VERTICAL, LH, BH14
16	1	1012946	STIFFENER, VERTICAL, RH, BH14
17	1	1012948	BRACKET, MOUNTING, FLOOR, BH14
18	1	1012953	STIFFENER, CENTER, UPPER, BH14
19	1	13A01348-009	ANGLE, BH #14, HORIZONTAL
20	2	13A01359-124	ANGLE, TOP RAIL ATTACH
21	1	13A01381-011	STIFFENER, CENTER, BOTTOM, BH09
22	2	94154A100	WASHER, SST W/PVC PLASTIC, SEALING
23	2	9903-13-36	TAPE, TINNEMAN, 1/2"X.005"
24	2	AN526-632R6	SCREW, MACHINE, TRUSS HEAD
25	2	MS21047L06	NUT PLATE, FIXED, STEEL, PLAIN, 6-32
26	8	MS21059L08	NUTPLATE, FLOATING, DRY LUBE, 8-32
29*	1	1012907	ASSEMBLY, COVER, BH09 & BH14
29.1	1	1012914	PANEL, COVER, BH09 & BH14
29.2	3	1012915	STIFFENER, COVER, BH09 & BH14
30*	A/R	AN526-832R6	SCREW, MACHINE, TRUSS HEAD

* Not Included with bulkhead assembly.

BULKHEAD #14 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR



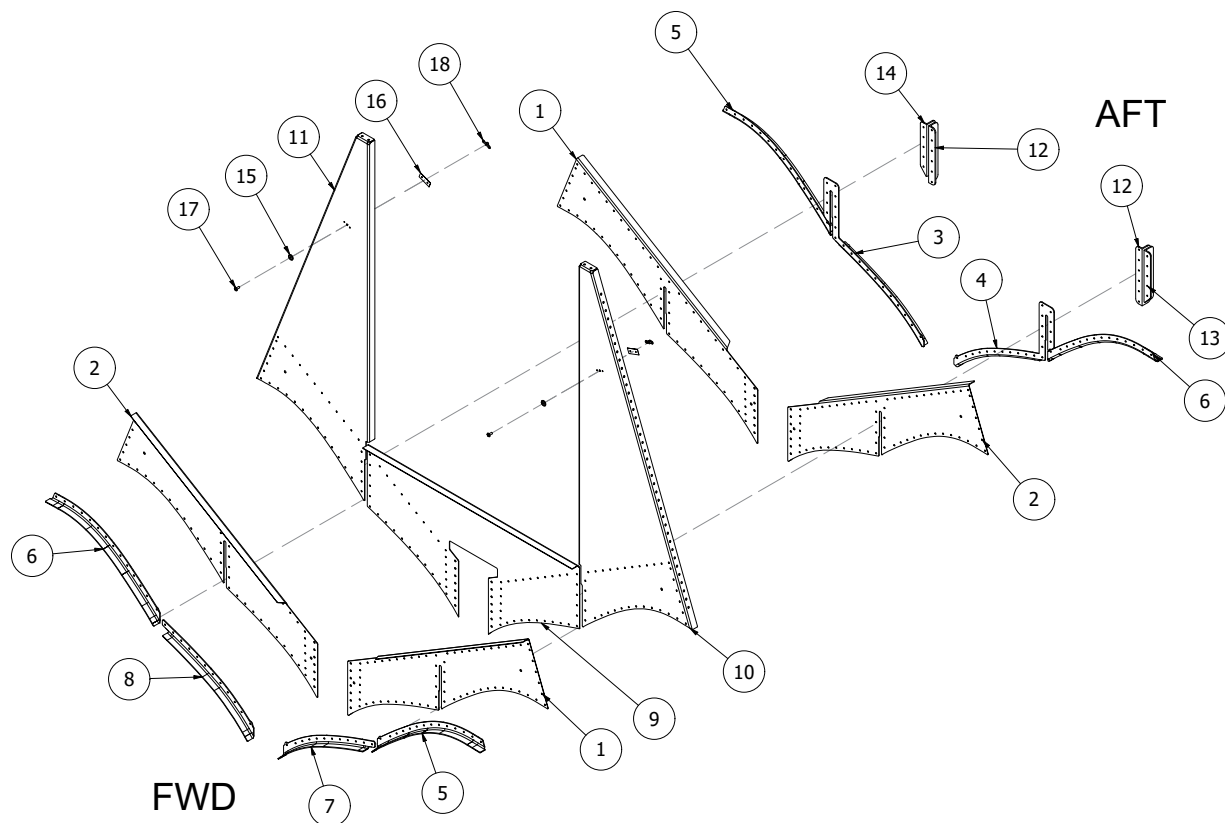
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011389	ASSEMBLY, BULKHEAD #14, 10000
1	1	1007955	ANGLE, COVER REINFORCEMENT, BULKHEAD 9, 14
2	2	1009820	ASSEMBLY, ANGLE, SUPPORT, BACK STOP, 10000
3	11	1011390	PANEL, FLUTE, 10000
4	1	1011391	PANEL, FLUTE, 10000
5	1	1011392	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
6	1	1011393	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
7	1	1011394	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
8	1	1011395	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
9	2	1011396	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
10	2	1011397	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
11	1	1011398	PANEL, FLUTE, 10000

PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

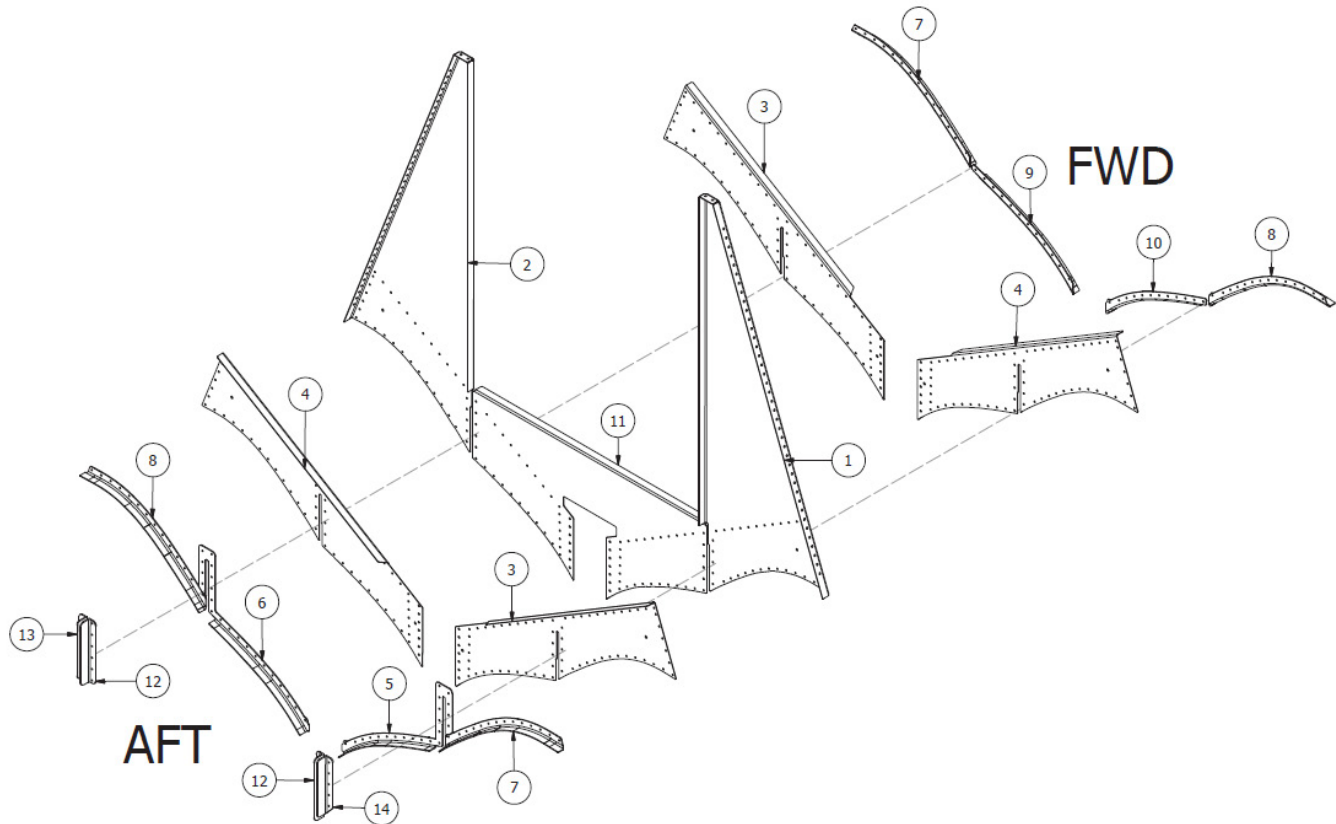
ITEM	QTY	PART NO.	PART DESCRIPTION
12	1	1011399	PANEL, FLUTE, 10000
13	1	1011400	SPACER, STIFFENER, BULKHEAD
14	1	1011537	PANEL, BULKHEAD 14
15	1	13A01348-009	ANGLE, BH #14, HORIZONTAL
16	2	13A01359-124	ANGLE, TOP RAIL ATTACH
17	1	13A01359-134	ANGLE, COVER REINFORCEMENT, BULKHEAD 14
18	1	13A01359-141	ANGLE, BH #14, SISTER KEEL ATTACH, LT
19	1	13A01359-142	ANGLE, BH #14, SISTER KEEL ATTACH, RT
20	1	13A01381-009	STIFFENER, BH #14, CENTER UPPER
21	1	13A01381-011	STIFFENER, CENTER, BOTTOM, BH 9 & 14
22	8	MS21059L08	NUT PLATE

BULKHEAD #15 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER



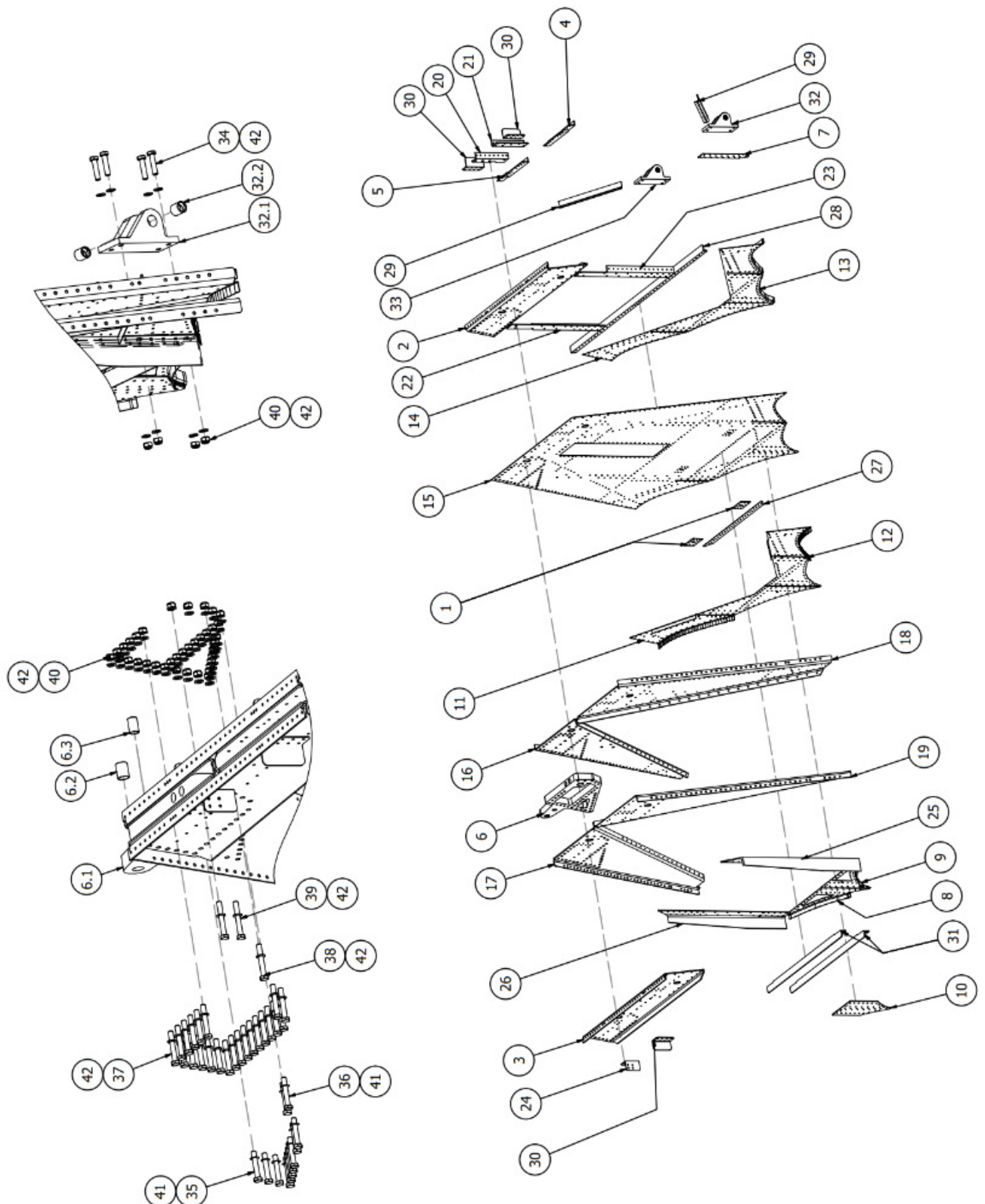
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012908	ASSEMBLY, BH 15, 10000
1	2	1011372	PANEL, FLUTE, 10000
2	2	1011373	PANEL, FLUTE, 10000
3	1	1011374	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
4	1	1011375	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
5	2	1011376	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
6	2	1011377	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
7	1	1011378	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
8	1	1011379	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
9	1	1011690	PANEL, CENTER, BULKHEAD 15
10	1	1012979	PANEL, SIDE, LH, BH 15, 10000
11	1	1012980	PANEL, SIDE, RH, BH 15, 10000
12	2	13A01359-133	ANGLE, SISTER KEEL ATTACH
13	1	8A01359-079	ANGLE, SISTER KEEL ATTACH, AFT LEFT
14	1	8A01359-080	ANGLE, SISTER KEEL ATTACH, AFT RIGHT
15	2	94154A100	WASHER, STAINLESS STEEL W/PVC PLASTIC, SEALING
16	A/R	9903-13-36	TAPE, TINNEMAN, 1/2"X.005"
17	2	AN526-632R6	SCREW, MACHINE, TRUSS HEAD
18	2	MS21047L06	NUT PLATE, FIXED, STEEL, PLAIN, 6-32

BULKHEAD #15 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011371	ASSEMBLY, BULKHEAD #15, 10000
1	1	1001052	PANEL, BULKHEAD SIDE #15, RIGHT
2	1	1001053	PANEL, BULKHEAD SIDE #15, LEFT
3	2	1011372	PANEL, FLUTE, 10000
4	2	1011373	PANEL, FLUTE, 10000
5	1	1011374	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
6	1	1011375	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
7	2	1011376	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
8	2	1011377	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
9	1	1011378	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
10	1	1011379	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
11	1	1011690	PANEL, CENTER, BULKHEAD #15
12	2	13A01359-133	ANGLE, SISTER KEEL ATTACH
13	1	8A01359-079	ANGLE, SISTER KEEL ATTACH, AFT LEFT
14	1	8A01359-080	ANGLE, SISTER KEEL ATTACH, AFT RIGHT

BULKHEAD #16 LEFT FLOAT



PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

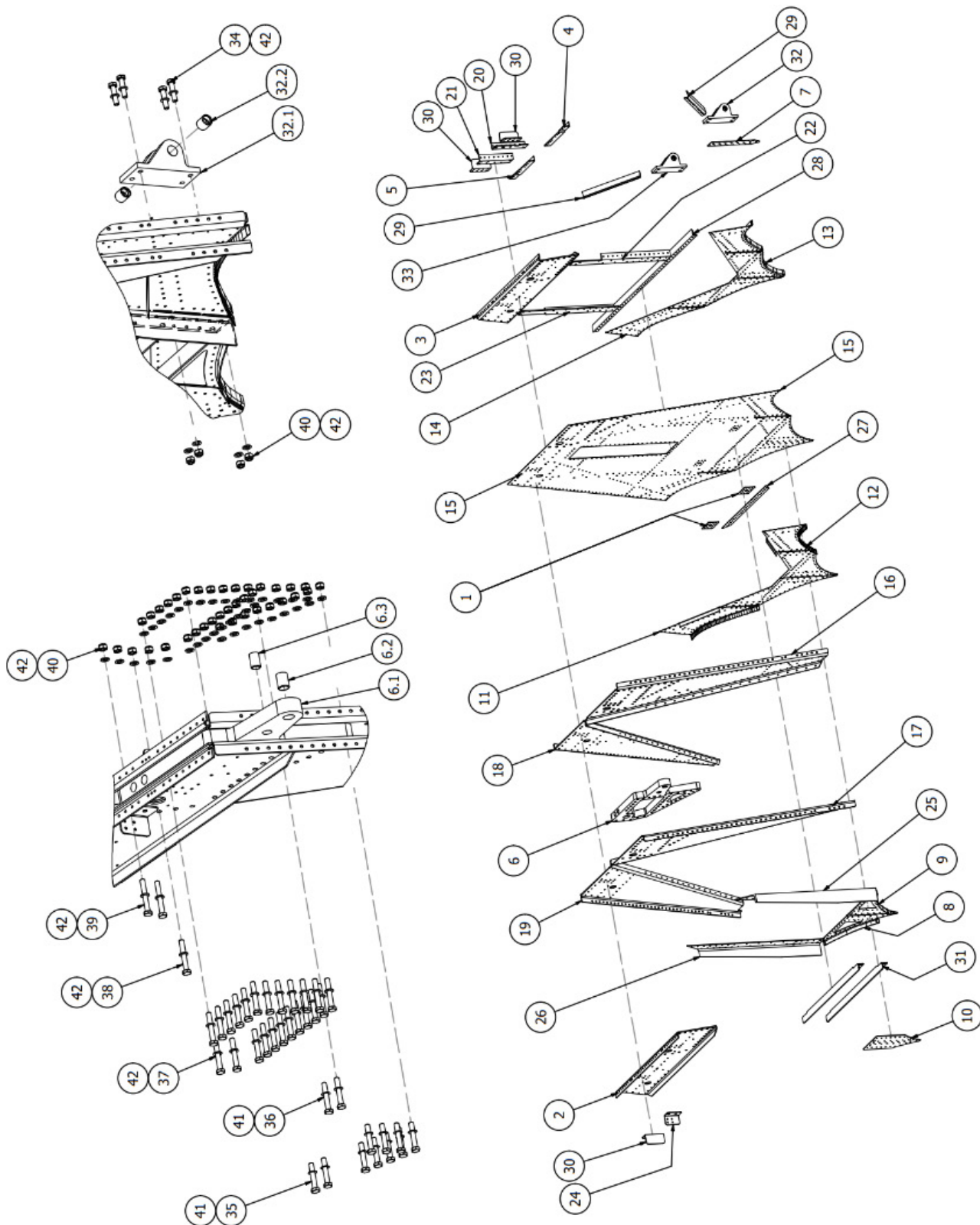
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011503	ASSEMBLY, BULKHEAD 16, LEFT FLOAT, 10000
1	2	1001380	BRAKE LINE DOUBLER
2	1	1001433	PANEL - MAIN STRUT
3	1	1001434	PANEL - MAIN STRUT
4	1	1007953	ANGLE - ATTACH HORZ. PANEL BULKHEAD #16
5	1	1007954	ANGLE - ATTACH HORZ. PANEL BULKHEAD #16
6	1	1009850	ASSY, FITTING, MAIN STRUT, FLOAT (REPLACES P/N 13A01161-002)
6.1	1	1009847	FITTING, MAIN STRUT, FLOAT
6.2	1	1008698	BUSHING .625 ID
6.3	1	1012018	BUSHING, .500 ID
7	1	1011498	DOUBLER
8	1	1011511	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
9	1	1011512	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
10	1	1011513	DOUBLER, TUNNEL END
11	1	1011514	PANEL, FLUTE, 10000
12	1	1011515	PANEL, FLUTE, 10000
13	1	1011516	PANEL, FLUTE, 10000
14	1	1011517	PANEL, FLUTE, 10000
15	1	1011518	PANEL, BULKHEAD, 16
16	1	1011691	PANEL, MAIN STRUT, INBRD, AFT, LT
17	1	1011693	PANEL, MAIN STRUT, INBRD, FWD, LEFT
18	1	1011695	PANEL, MAIN STRUT, OUTBRD, AFT, LT
19	1	1011697	PANEL, MAIN STRUT, OUTBRD, FWD, LT
20	1	10A01348-027	ANGLE, UPPER VERT. WHEEL WELL
21	1	10A01348-029	ANGLE, UPPER VERT. WHEEL WELL
22	1	10A01357-076	ANGLE, BULKHEAD, VERTICAL TRUNION EXTENSION
23	1	10A01357-077	ANGLE, BULKHEAD, VERTICAL TRUNION EXTENSION
24	1	10A01382-029	ANGLE, TOP RAIL MOD. LEFT
25	1	10A01428-003	ANGLE - TRUNNION SUPPORT, LEFT
26	1	10A01428-004	ANGLE - TRUNNION SUPPORT, RIGHT
27	1	13A01150-205	SHIM, UPPER, #16 BULKHEAD
28	1	13A01359-170	HORZ. ANGLE BULKHEAD #16
29	2	13A01359-179	ANGLE, BULKHEAD #16
30	3	13A01382-003	CLEAT, TOP DECK RAIL
31	2	13A01427-016	ANGLE -TRUNION HORIZ STIFFENER, BULKHEAD #16
32	1	13A04030-002	ASSEMBLY, TRUNION, DRAG BRACE, RIGHT
32.1	1	13A04030-002B	TRUNNION, DRAG BRACE, RIGHT
32.2	2	1001886-01	BUSHING, GROOVED (.625 ID X .750 OD X .750 L)
33	1	13A04030-003	ASSEMBLY, TRUNION, DRAG BRACE, LEFT
33.1	1	13A04030-003B	TRUNNION, DRAG BRACE, LEFT

PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
33.2	2	1001886-01	BUSHING, GROOVED (.625 ID X .750 OD X .750 L)
34	8	AN5-12A	BOLT, 5/16-24, 0.8125 GRIP, UNDRILLED, STEEL
35	10	AN5-16A	BOLT, 5/16-24, 1.3125 GRIP, UNDRILLED, STEEL
36	2	AN5-17A	BOLT, 5/16-24, 1.4375 GRIP, UNDRILLED, STEEL
37	23	AN5-20A	BOLT, 5/16-24, 1.5625 GRIP, UNDRILLED, STEEL
38	1	AN5-21A	BOLT, 5/16-24, 1.6875 GRIP, UNDRILLED, STEEL
39	2	AN5-22A	BOLT, 5/16-24, 1.8125 GRIP, UNDRILLED, STEEL
40	46	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF
41	12	NAS1149D0516J	WASHER, 0.328 ID, 0.016 THK, ALUMINUM
42	80	NAS1149D0563J	WASHER, 0.328 ID, 0.063 THK, ALUMINUM

BULKHEAD #16 RIGHT FLOAT



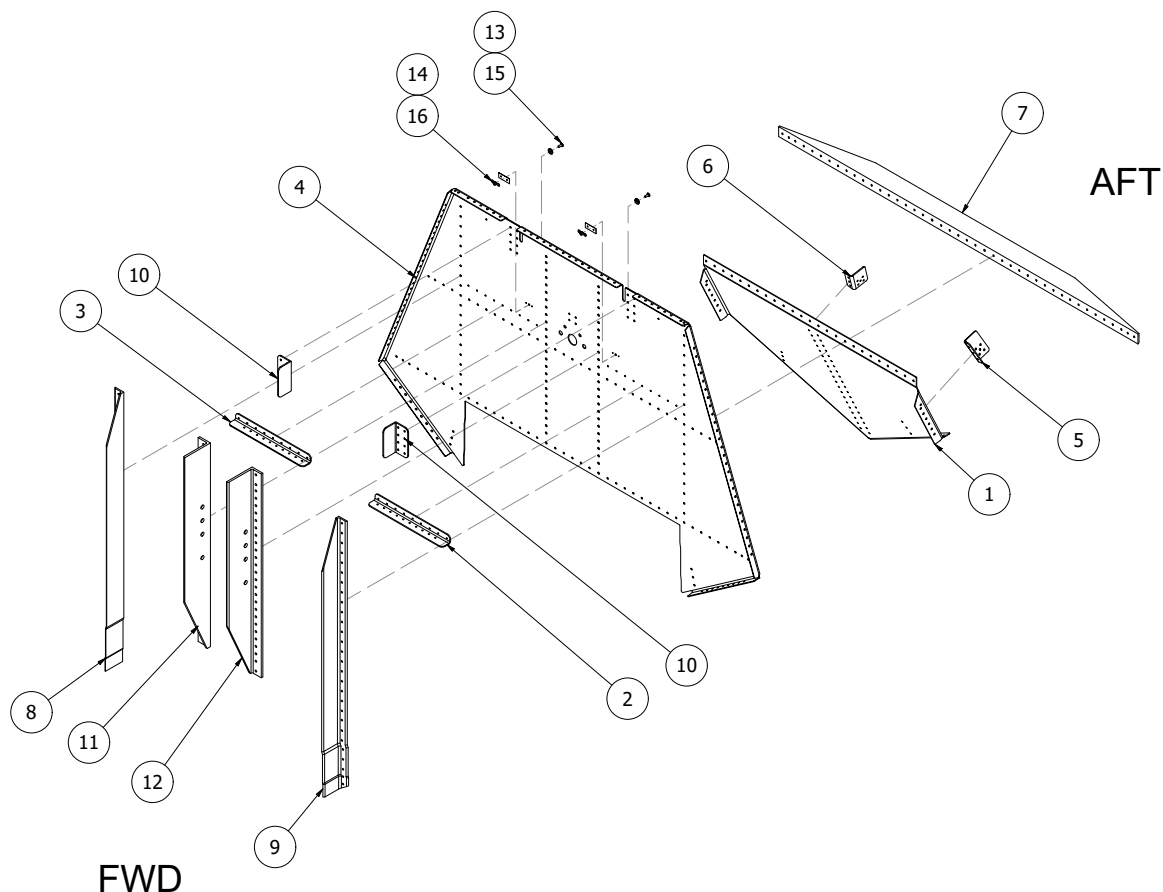
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011504	ASSEMBLY, BULKHEAD 16, RIGHT FLOAT, 10000
1	2	1001380	BRAKE LINE DOUBLER
2	1	1001433	PANEL - MAIN STRUT
3	1	1001434	PANEL - MAIN STRUT
4	1	1007953	ANGLE - ATTACH HORZ. PANEL BULKHEAD #16
5	1	1007954	ANGLE - ATTACH HORZ. PANEL BULKHEAD #16
6	1	1009850	ASSY, FITTING, MAIN STRUT, FLOAT (REPLACES P/N 13A01161-002)
6.1	1	1009847	FITTING, MAIN STRUT, FLOAT
6.2	1	1008698	BUSHING .625 ID
6.3	1	1012018	BUSHING, .500 ID
7	1	1011498	DOUBLER
8	1	1011511	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
9	1	1011512	FLANGE, FLUTE, SUPPORT, BULKHEAD, 10000
10	1	1011513	DOUBLER, TUNNEL END
11	1	1011514	PANEL, FLUTE, 10000
12	1	1011515	PANEL, FLUTE, 10000
13	1	1011516	PANEL, FLUTE, 10000
14	1	1011517	PANEL, FLUTE, 10000
15	1	1011518	PANEL, BULKHEAD, 16
16	1	1011692	PANEL, MAIN STRUT, INBRD, AFT, RT
17	1	1011694	PANEL, MAIN STRUT, INBRD, FWD, RIGHT
18	1	1011696	PANEL, MAIN STRUT, OUTBRD, AFT, RT
19	1	1011698	PANEL, MAIN STRUT, OUTBRD, FWD, RT
20	1	10A01348-028	ANGLE - UPPER VERT. WHEEL WELL BULKHEAD #16
21	1	10A01348-030	ANGLE - UPPER VERT. WHEEL WELL BULKHEAD #16
22	1	10A01357-075	ANGLE, BULKHEAD, VERTICAL TRUNION EXTENSION
23	1	10A01357-078	ANGLE, BULKHEAD, VERTICAL TRUNION EXTENSION
24	1	10A01382-028	ANGLE, TOP RAIL MOD. RIGHT
25	1	10A01428-003	ANGLE - TRUNNION SUPPORT, LEFT
26	1	10A01428-004	ANGLE - TRUNNION SUPPORT, RIGHT
27	1	13A01150-205	SHIM, UPPER, #16 BULKHEAD
28	1	13A01359-170	HORZ. ANGLE BULKHEAD #16
29	2	13A01359-179	ANGLE, BULKHEAD #16
30	3	13A01382-003	CLEAT, TOP DECK RAIL
31	2	13A01427-016	ANGLE -TRUNION HORIZ STIFFENER, BULKHEAD #16
32	1	13A04030-002	ASSEMBLY, TRUNION, DRAG BRACE, RIGHT
32.1	1	13A04030-002B	TRUNNION, DRAG BRACE, RIGHT
32.2	2	1001886-01	BUSHING, GROOVED (.625 ID X .750 OD X .750 L)
33	1	13A04030-003	ASSEMBLY, TRUNION, DRAG BRACE, LEFT
33.1	1	13A04030-003B	TRUNNION, DRAG BRACE, LEFT

PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

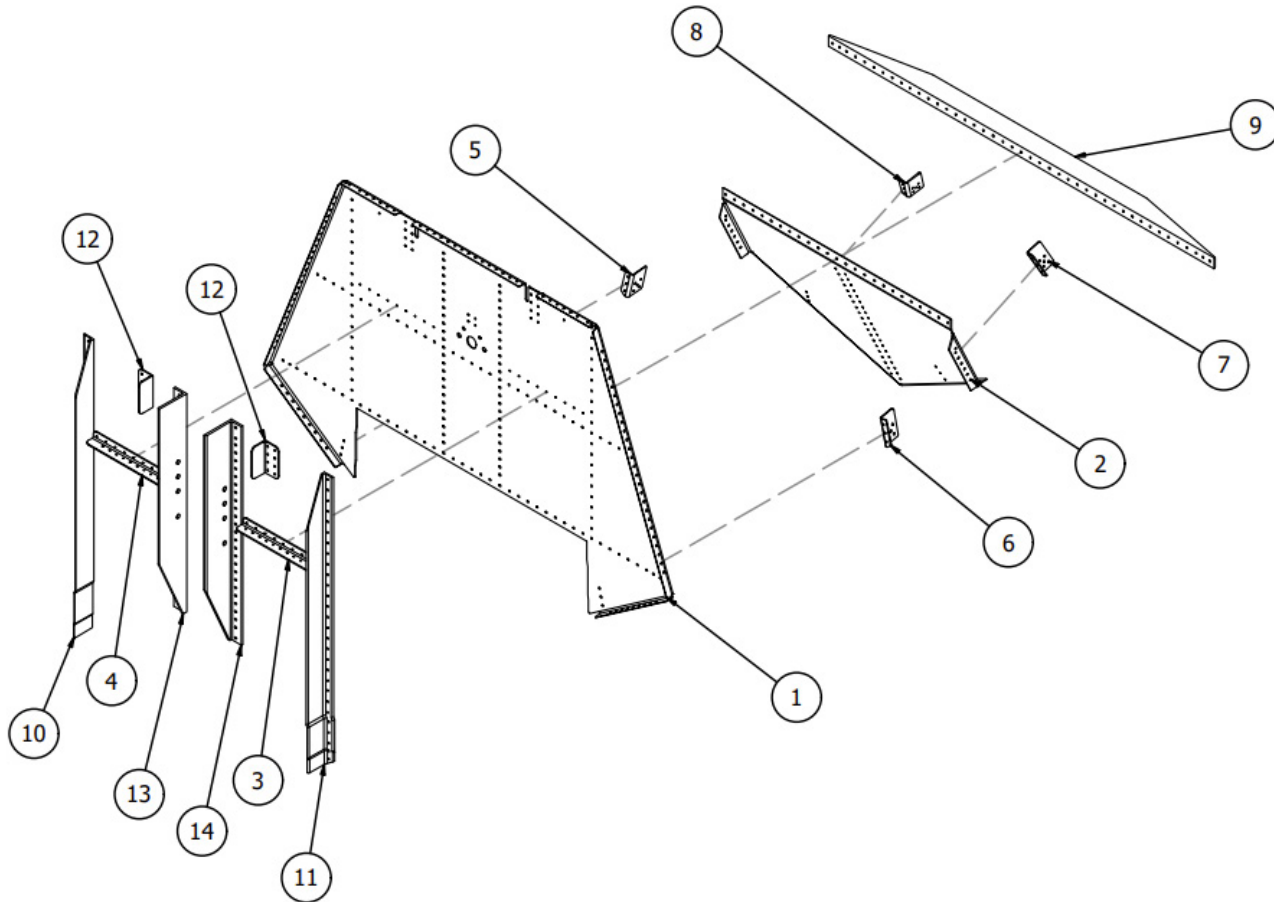
ITEM	QTY	PART NO.	PART DESCRIPTION
33.2	2	1001886-01	BUSHING, GROOVED (.625 ID X .750 OD X .750 L)
34	8	AN5-12A	BOLT, 5/16-24, 0.8125 GRIP, UNDRILLED, STEEL
35	10	AN5-16A	BOLT, 5/16-24, 1.3125 GRIP, UNDRILLED, STEEL
36	2	AN5-17A	BOLT, 5/16-24, 1.4375 GRIP, UNDRILLED, STEEL
37	23	AN5-20A	BOLT, 5/16-24, 1.5625 GRIP, UNDRILLED, STEEL
38	1	AN5-21A	BOLT, 5/16-24, 1.6875 GRIP, UNDRILLED, STEEL
39	2	AN5-22A	BOLT, 5/16-24, 1.8125 GRIP, UNDRILLED, STEEL
40	46	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF
41	12	NAS1149D0516J	WASHER, 0.328 ID, 0.016 THK, ALUMINUM
42	80	NAS1149D0563J	WASHER, 0.328 ID, 0.063 THK, ALUMINUM

BULKHEAD #17 FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER



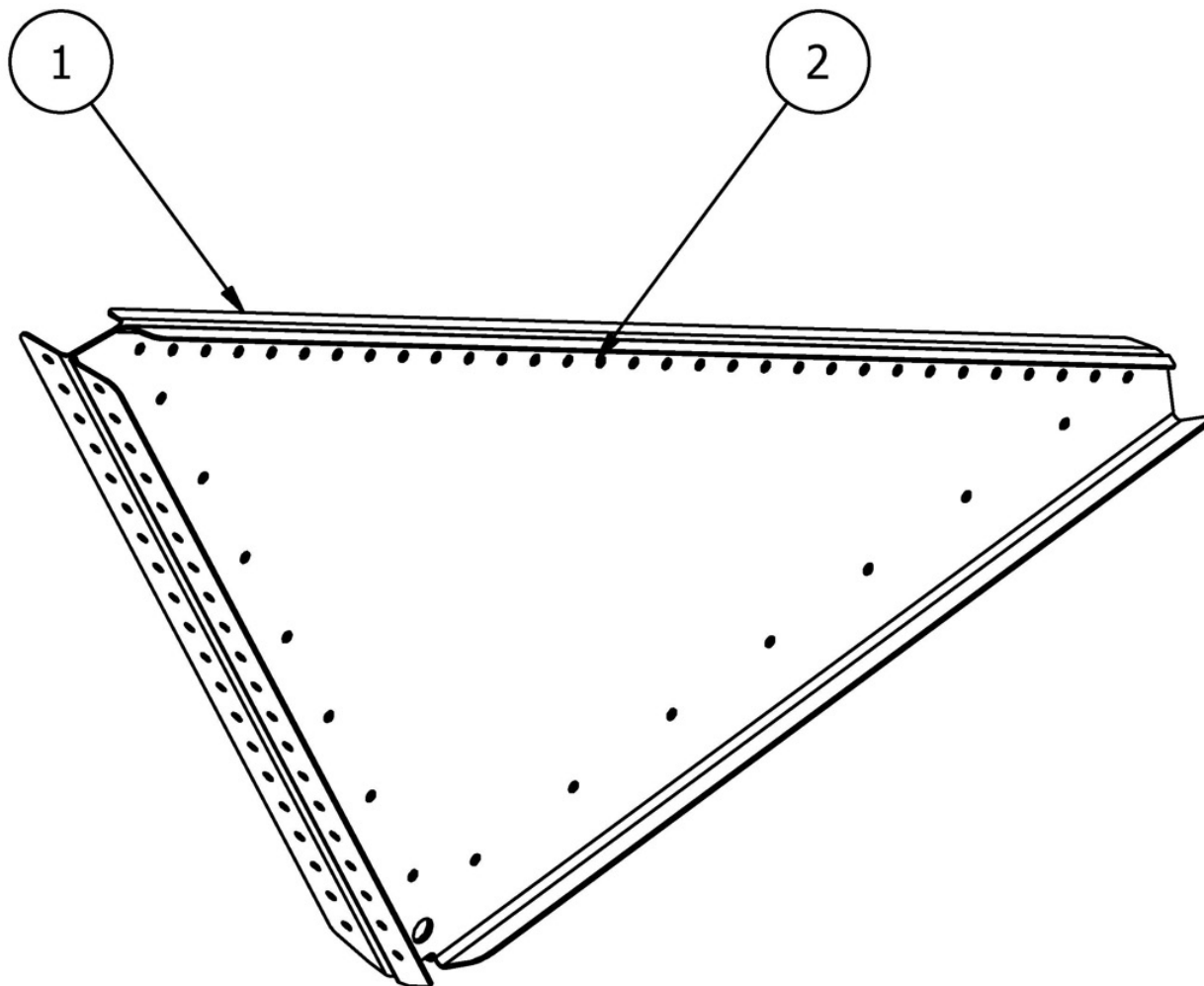
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012918	ASSEMBLY, BH 17, 10000
1	1	1007929	PANEL, LOWER, #17 BULKHEAD
2	1	1007931	ANGLE, WHEEL WELL BULKHEAD #17
3	1	1007932	ANGLE, WHEEL WELL BULKHEAD #17
4	1	1012952	PANEL, BH 17
5	1	13A01155-064	ANGLE, SISTER KEEL ATTACH
6	1	13A01155-065	ANGLE, SISTER KEEL ATTACH
7	1	13A01357-045	ANGLE, HORIZ. BULKHEAD #17
8	1	13A01357-046	ANGLE, CARRY THRU ATTACH RH. BULKHEAD #17
9	1	13A01357-047	ANGLE, CARRY THRU ATTACH LH. BULKHEAD #17
10	2	13A01382-003	CLEAT, TOP DECK RAIL
11	1	13A01426-006	ANGLE, SLIDE TUBE, ATTACH, BULKHEAD #17, RH
12	1	13A01426-007	ANGLE, SLIDE TUBE, ATTACH, BULKHEAD #17, LH
13	2	94154A100	WASHER, STAINLESS STEEL W/PVC PLASTIC, SEALING
14	2	9903-13-36	TAPE, TINNEMAN, 1/2"X.005"
15	2	AN526-632R6	SCREW, MACHINE, TRUSS HEAD
16	2	MS21047L06	NUT PLATE, FIXED, STEEL, PLAIN, 6-32

BULKHEAD #17 FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1007936	ASSEMBLY, BULKHEAD 17, 10000
1	1	1007928	PANEL, BULKHEAD 17
2	1	1007929	PANEL, LOWER, #17 BULKHEAD
3	1	1007931	ANGLE, WHEEL WELL BULKHEAD #17
4	1	1007932	ANGLE, WHEEL WELL BULKHEAD #17
5	1	1008721	ANGLE, SISTER KEEL ATTACH
6	1	1008722	ANGLE, SISTER KEEL ATTACH
7	1	13A01155-064	ANGLE, SISTER KEEL ATTACH
8	1	13A01155-065	ANGLE, SISTER KEEL ATTACH
9	1	13A01357-045	ANGLE, HORIZ. BULKHEAD #17
10	1	13A01357-046	ANGLE, CARRY THRU ATTACH RH. BULKHEAD #17
11	1	13A01357-047	ANGLE, CARRY THRU ATTACH LH. BULKHEAD #17
12	2	13A01382-003	CLEAT, TOP DECK RAIL
13	1	13A01426-006	ANGLE, SLIDE TUBE, ATTACH, BULKHEAD #17, RH
14	1	13A01426-007	ANGLE, SLIDE TUBE, ATTACH, BULKHEAD #17, LH

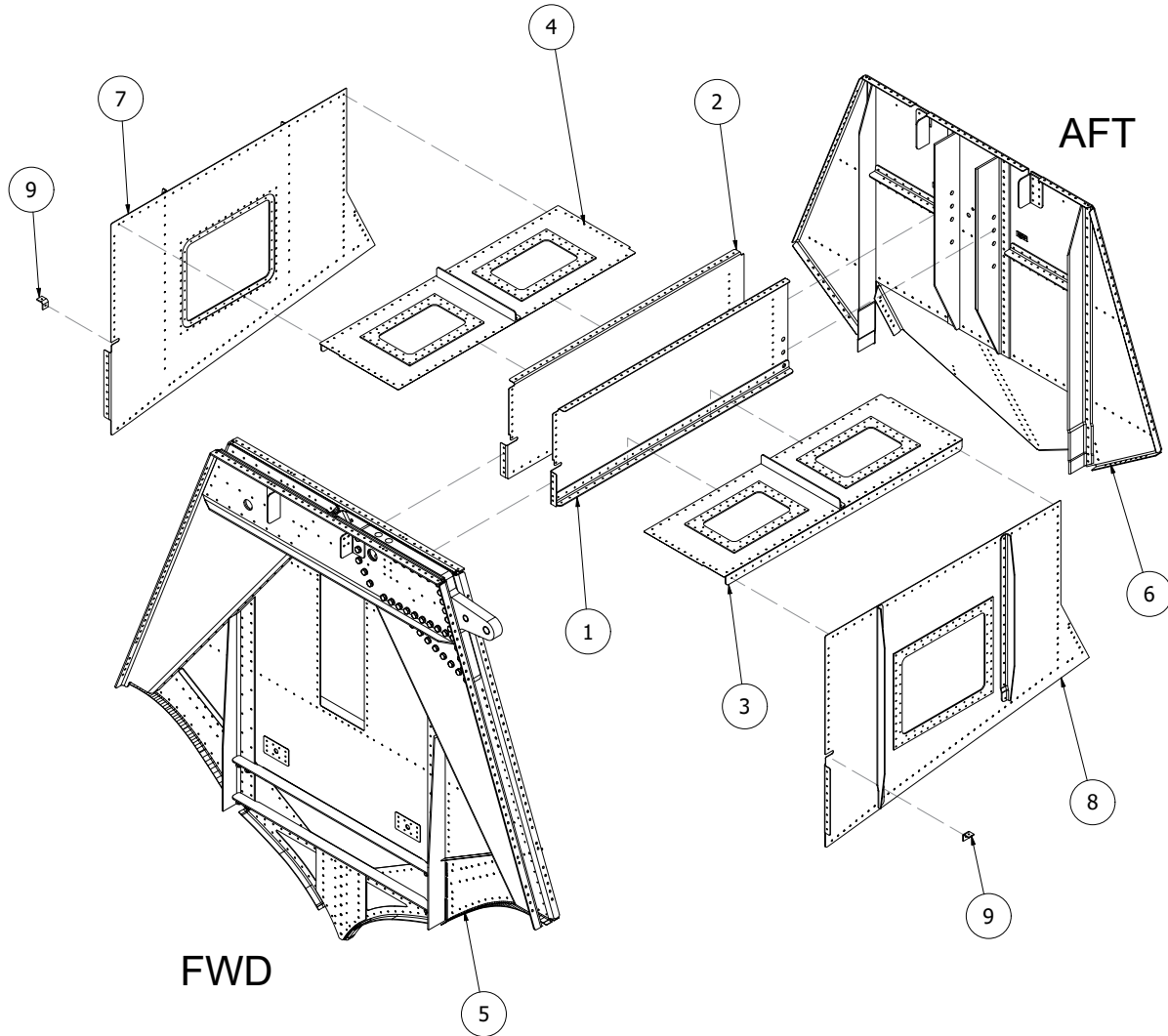
REINFORCEMENT ASSEMBLY FOR BULKHEAD 17



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012071	ASSEMBLY, REINFORCEMENT, BULKHEAD #17
1	1	1012039	REINFORCEMENT, BULKHEAD #17, RIGHT
2	1	1012038	REINFORCEMENT, BULKHEAD #17, LEFT

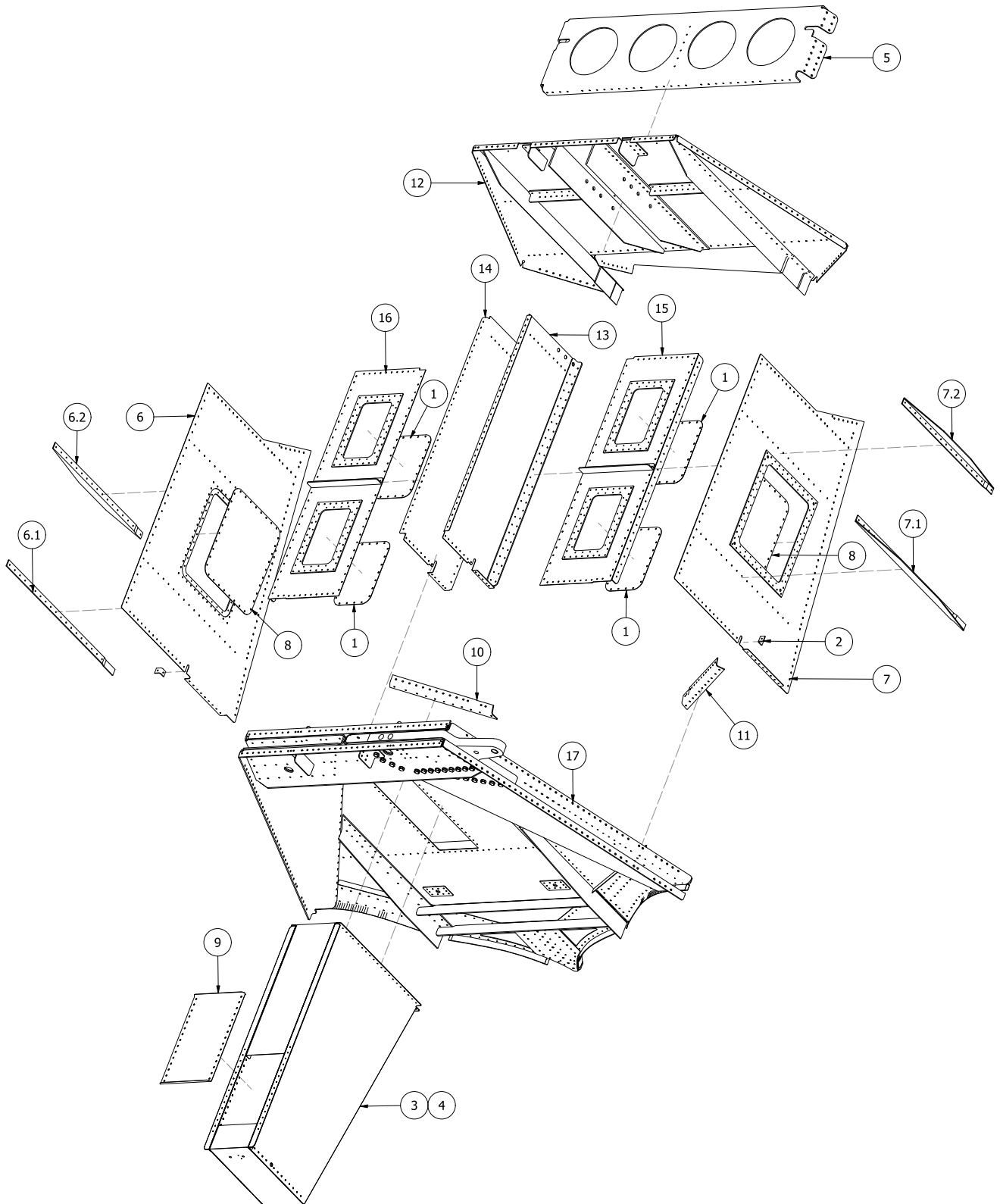
WHEEL WELL RIGHT FLOAT

SERIAL NUMBERS 10409A & 10410A AND LATER



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012978	ASSEMBLY, WHEEL WELL, RF, 10000
1	1	1007937	ASSEMBLY, PANEL, WHEEL WELL, VERT, UPPER, LH
2	1	1007938	ASSEMBLY, PANEL, WHEEL WELL, VERT, UPPER, RH
3	1	1007939	ASSEMBLY, PANEL, WHEEL WELL, HORIZ, LH
4	1	1007940	ASSEMBLY, PANEL, WHEEL WELL, HORIZ, RH
5	1	1011504	ASSEMBLY, BULKHEAD 16, RIGHT FLOAT, 10000
6	1	1012918	ASSEMBLY, BH 17, 10000
7	1	10A01000-436	ASSY, WHEEL WELL HALF, UPPER, RIGHT
8	1	10A01000-437	ASSY, WHEEL WELL HALF, UPPER, LEFT
9	2	6A01339-047	ANGLE, STATION 13

WHEEL WELL RIGHT FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR



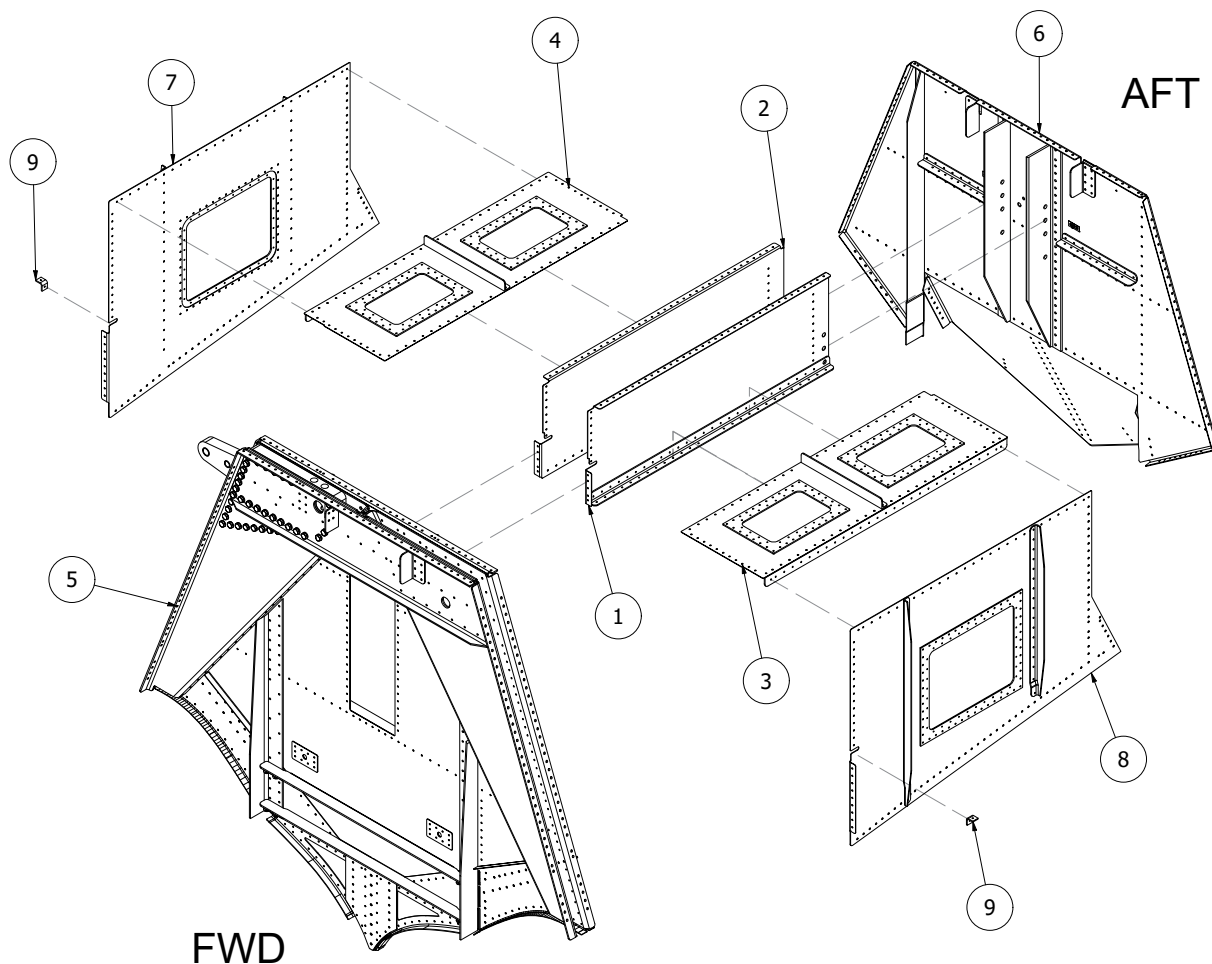
PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011706	ASSEMBLY, WHEEL WELL, RIGHT FLOAT, 10000
1	4	6A01158-151	COVER, INSPECTION, WHEELWELL, LARGE
2	2	6A01339-047	ANGLE, STATION 13
3	1	10A01000-434	ASSEMBLY, TUNNEL, MAIN GEAR RETRACT, 10000 (SERIAL NUMBERS 10165A & 10166A AND PRIOR)
4	1	1011130	ASSEMBLY, TUNNEL, MAIN GEAR RETRACT, 10000 (SERIAL NUMBERS 10167A & 10168A AND LATER)
5	1	10A01000-435	ASSY PANEL - HORIZ. #17 BULKHEAD
6	1	10A01000-436	ASSY, WHEEL WELL HALF, UPPER, RIGHT
6.1	1	13A01359-187	ANGLE
6.2	1	13A01359-188	ANGLE
7	1	10A01000-437	ASSY, WHEEL WELL HALF, UPPER, LEFT
7.1	1	13A01359-187	ANGLE
7.2	1	13A01359-188	ANGLE
8	2	13A01150-130	COVER, INSPECTION, WHEELWELL, LARGE
9	1	13A01158-147	COVER, TUNNEL, 13000
10	1	1001064	ANGLE, STIFFENER, RIGHT
11	1	1001065	ANGLE, STIFFENER, LEFT
12	1	1007936	ASSEMBLY, BULKHEAD 17, 10000
13	1	1007937	ASSEMBLY, PANEL, WHEEL WELL, VERT, UPPER, LH
14	1	1007938	ASSEMBLY, PANEL, WHEEL WELL, VERT, UPPER, RH
15	1	1007939	ASSEMBLY, PANEL, WHEEL WELL, HORIZ, LH
16	1	1007940	ASSEMBLY, PANEL, WHEEL WELL, HORIZ, RH
17	1	1011504	ASSEMBLY, BULKHEAD 16, RIGHT FLOAT, 10000 (SERIAL NUMBERS 10269A & 10270A AND LATER)

WHEEL WELL LEFT FLOAT

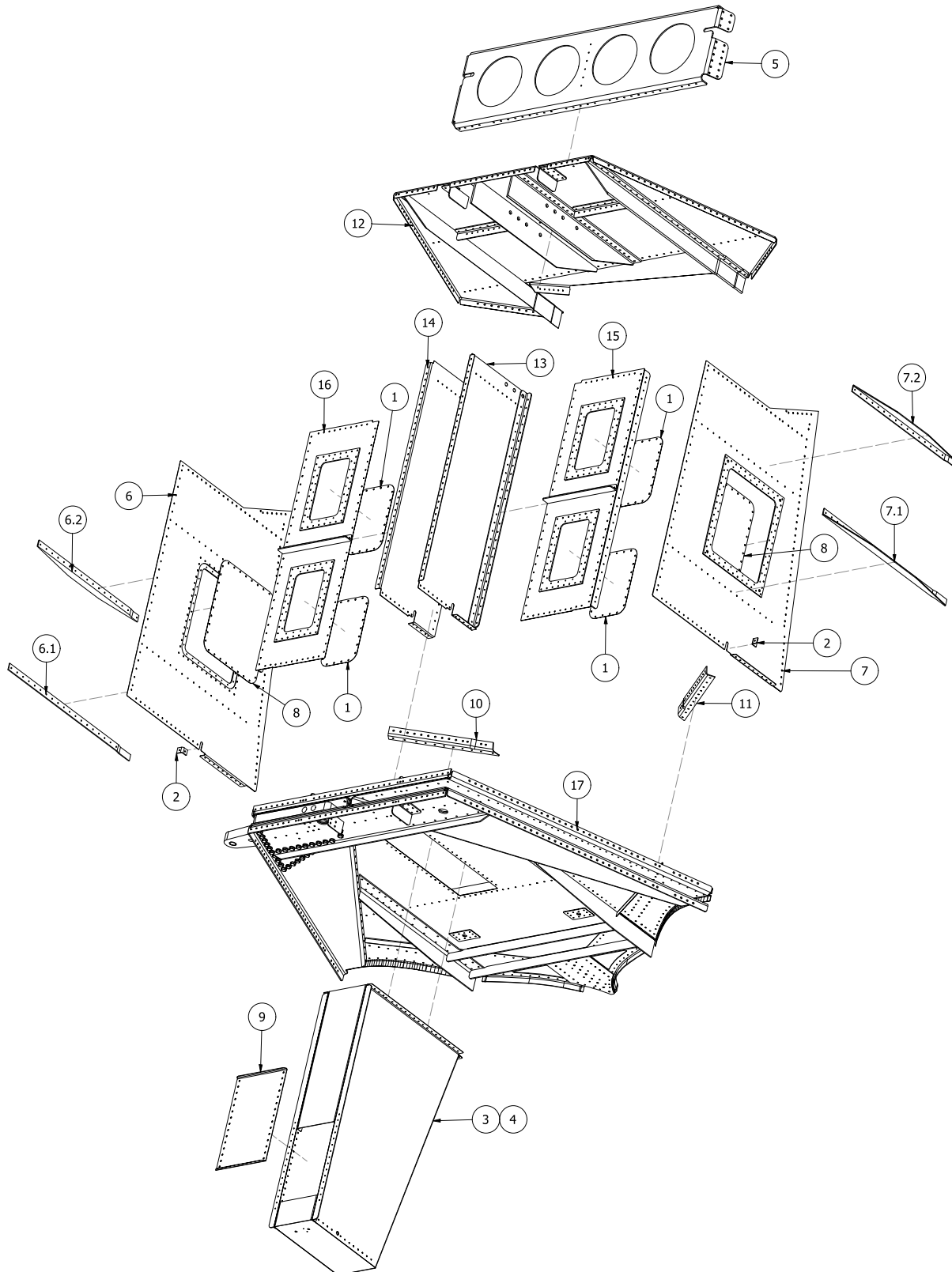
SERIAL NUMBERS 10409A & 10410A AND LATER



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012977	ASSEMBLY, WHEEL WELL, LF, 10000
1	1	1007937	ASSEMBLY, PANEL, WHEEL WELL, VERT, UPPER, LH
2	1	1007938	ASSEMBLY, PANEL, WHEEL WELL, VERT, UPPER, RH
3	1	1007939	ASSEMBLY, PANEL, WHEEL WELL, HORIZ, LH
4	1	1007940	ASSEMBLY, PANEL, WHEEL WELL, HORIZ, RH
5	1	1011503	ASSEMBLY, BULKHEAD 16, LEFT FLOAT, 10000
6	1	1012918	ASSEMBLY, BH 17, 10000
7	1	10A01000-436	ASSY, WHEEL WELL HALF, UPPER, RIGHT
8	1	10A01000-437	ASSY, WHEEL WELL HALF, UPPER, LEFT
9	2	6A01339-047	ANGLE, STATION 13

WHEEL WELL LEFT FLOAT

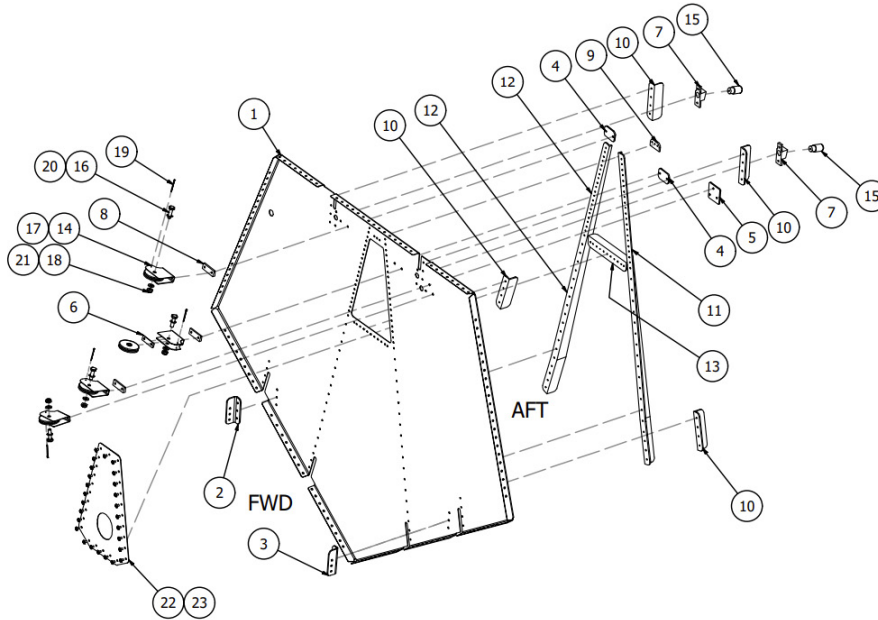
SERIAL NUMBERS 10407A & 10408A AND PRIOR



PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011705	ASSEMBLY, WHEEL WELL, LEFT FLOAT, 10000
1	4	6A01158-151	COVER, INSPECTION, WHEELWELL, LARGE
2	2	6A01339-047	ANGLE, STATION 13
3	1	10A01000-434	ASSEMBLY, TUNNEL, MAIN GEAR RETRACT, 10000 (SERIAL NUMBERS 10165A & 10166A AND PRIOR)
4	1	1011130	ASSEMBLY, TUNNEL, MAIN GEAR RETRACT, 10000 (SERIAL NUMBERS 10167A & 10168A AND LATER)
5	1	10A01000-435	ASS'Y PANEL - HORIZ. #17 BULKHEAD
6	1	10A01000-436	ASSY, WHEEL WELL HALF, UPPER, RIGHT
6.1	1	13A01359-187	ANGLE
6.2	1	13A01359-188	ANGLE
7	1	10A01000-437	ASSY, WHEEL WELL HALF, UPPER, LEFT
7.1	1	13A01359-187	ANGLE
7.2	1	13A01359-188	ANGLE
8	2	13A01150-130	COVER, INSPECTION, WHEELWELL, LARGE
9	1	13A01158-147	COVER, TUNNEL, 13000
10	1	1001064	ANGLE, STIFFENER, RIGHT
11	1	1001065	ANGLE, STIFFENER, LEFT
12	1	1007936	ASSEMBLY, BULKHEAD 17, 10000
13	1	1007937	ASSEMBLY, PANEL, WHEEL WELL, VERT, UPPER, LH
14	1	1007938	ASSEMBLY, PANEL, WHEEL WELL, VERT, UPPER, RH
15	1	1007939	ASSEMBLY, PANEL, WHEEL WELL, HORIZ, LH
16	1	1007940	ASSEMBLY, PANEL, WHEEL WELL, HORIZ, RH
17	1	1011503	ASSEMBLY, BULKHEAD 16, LEFT FLOAT, 10000 (SERIAL NUMBERS 10269A & 10270A AND LATER)

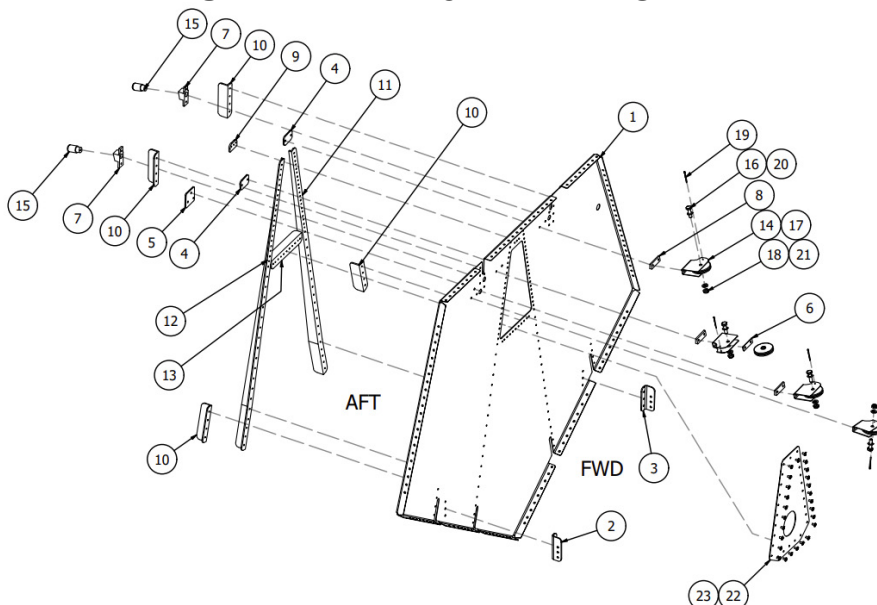
BULKHEAD #18 RIGHT FLOAT



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1001072	ASSEMBLY, BULKHEAD #18, RIGHT FLOAT, 10000
1	1	1001070	PANEL, BULKHEAD, # 18, RIGHT
2	1	1012581	ANGLE, ATTACH, BULKHEAD
3	1	1012582	ANGLE, ATTACH, BULKHEAD
4	2	10A01156-174	BACK - PULLEY BRACKET
5	1	10A01156-175	CLUSTER BRACKET - PULLEY
6	1	10A01156-179	REINFORCEMENT, PULLEY
7	2	10A08183-007	GUIDE - PULLEY BRACKET
8	3	10A08200-008	SHIM - PULLEY MOUNT
9	1	13A01160-012	DOUBLER - COVER ATTACH
10	4	13A01359-124	ANGLE, TOP RAIL ATTACH
11	1	13A01359-135	ANGLE, STIFFENER, BULK 18, RIGHT
12	1	13A01359-136	ANGLE, STIFFENER, BULK 18, LEFT
13	1	13A01359-166	ANGLE, COVER, BULK 18
14	4	3A01151-010	PULLEY BRACKET
15	2	3A08605-001	CABLE GUIDE
16	4	AN4-7A	BOLT, 1/4-28, 0.4375 GRIP, UNDRILLED, STEEL
17	4	MS20219-2	PULLEY
18	4	MS21083N4	NUT, LOCKING, LOW HEIGHT, 1/4-28 UNF
19	4	MS24665-136	COTTER PIN
20	4	NAS1149D0416J	WASHER, 0.265 ID, 0.016 THK, ALUMINUM
21	4	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
22*	1	13A01150-091	COVER - BULKHEAD #18
23*	26	AN526-632R4	SCREW, TRUSS HEAD, NON STRUCTURAL, CAD 1

* Not included with bulkhead assembly

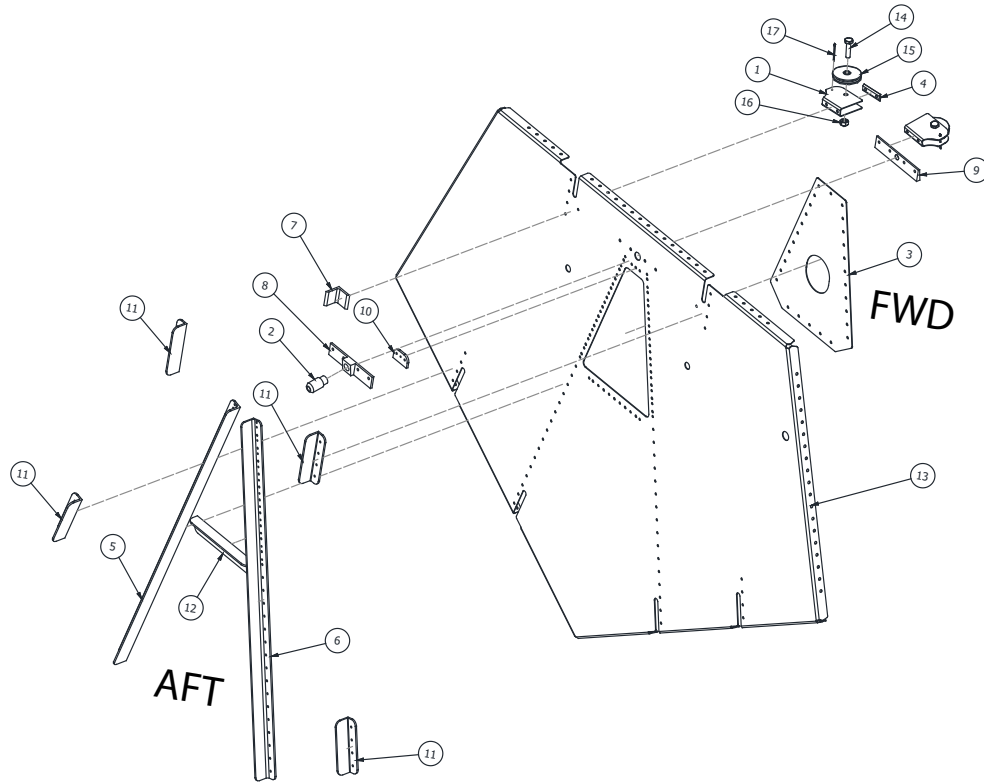
BULKHEAD #18 LEFT FLOAT



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1001071	ASSEMBLY, BULKHEAD #18, LEFT FLOAT, 10000
1	1	1001069	PANEL, BULKHEAD, # 18, LEFT
2	1	1012581	ANGLE, ATTACH, BULKHEAD
3	1	1012582	ANGLE, ATTACH, BULKHEAD
4	2	10A01156-174	BACK - PULLEY BRACKET
5	1	10A01156-175	CLUSTER BRACKET - PULLEY
6	1	10A01156-179	REINFORCEMENT, PULLEY
7	2	10A08183-007	GUIDE - PULLEY BRACKET
8	3	10A08200-008	SHIM - PULLEY MOUNT
9	1	13A01160-012	DOUBLER - COVER ATTACH
10	4	13A01359-124	ANGLE, TOP RAIL ATTACH
11	1	13A01359-135	ANGLE, STIFFENER, BULK 18, RIGHT
12	1	13A01359-136	ANGLE, STIFFENER, BULK 18, LEFT
13	1	13A01359-166	ANGLE, COVER, BULK 18
14	4	3A01151-010	PULLEY BRACKET
15	2	3A08605-001	CABLE GUIDE
16	4	AN4-7A	BOLT, 1/4-28, 0.4375 GRIP, UNDRILLED, STEEL
17	4	MS20219-2	PULLEY
18	4	MS21083N4	NUT, LOCKING, LOW HEIGHT, 1/4-28 UNF
19	4	MS24665-136	COTTER PIN
20	4	NAS1149D0416J	WASHER, 0.265 ID, 0.016 THK, ALUMINUM
21	4	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
22*	1	13A01150-091	COVER - BULKHEAD #18
23*	26	AN526-632R4	SCREW, TRUSS HEAD, NON STRUCTURAL, CAD 1

* Not included with bulkhead assembly

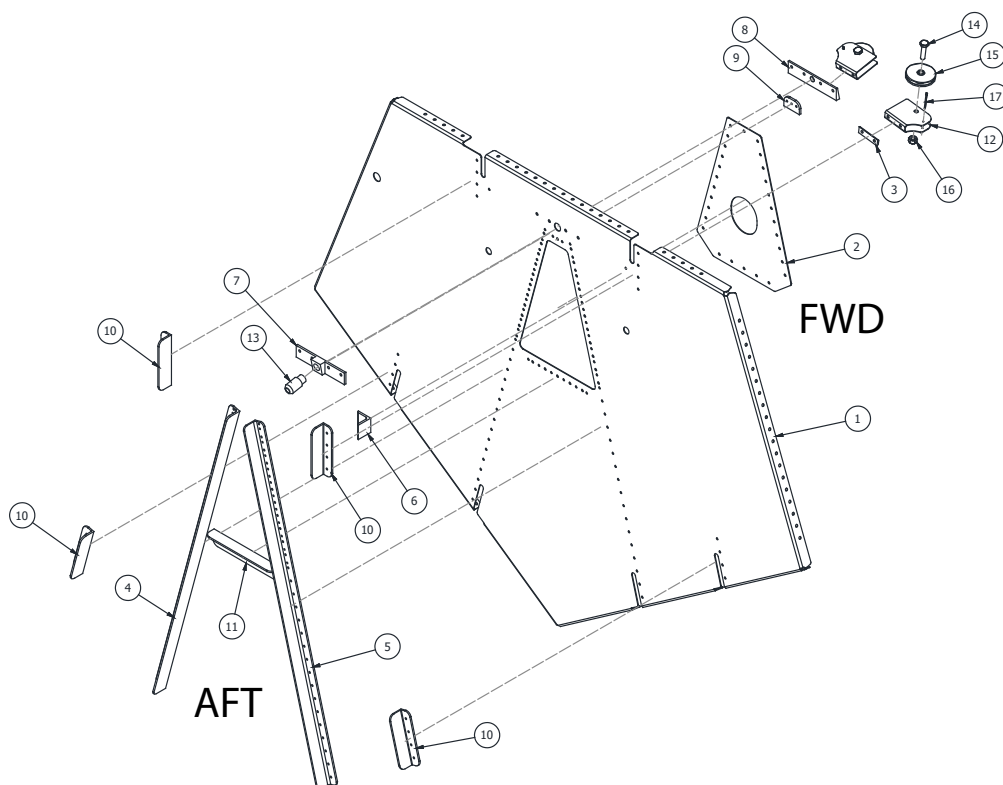
BULKHEAD #19 RIGHT FLOAT



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1001454	ASSEMBLY, BULKHEAD #19, RIGHT FLOAT, 10000
1	2	3A01151-010	BRACKET PULLEY
2	1	3A08605-001	CABLE GUIDE
3*	1	10A01150-187	COVER, ACCESS HOLE, BULKHEAD #19
4	1	10A01156-179	REINFORCEMENT, PULLEY
5	1	10A01359-247	ANGLE, STIFFENER, BULKHEAD # 19
6	1	10A01359-232	ANGLE, STIFFENER, BULKHEAD #19
7	1	10A01427-042	ANGLE, #19 BULK
8	1	10A08033-004	GUIDE, RETRACT PULLEY BRACKET
9	1	10A08205-009	SHIM, PULLEY MOUNT
10	1	13A01160-012	DOUBLER, STN. #18
11	4	13A01359-124	ANGLE, TOP RAIL ATTACH
12	1	13A01359-166	ANGLE, COVER, BULK 18
13	1	1001449	PANEL, BULKHEAD #19, RIGHT
14	2	AN4-10A	BOLT, THRD 1/4-28, LGTH +/- 1/64 - 1-1/32, GRIP LGTH 9/16
15	2	MS20219-2	PULLEY CABLE 1/16 & 3/32, 480 LBS, OD DIA 1-3/4" ID 1/4"
16	2	MS21044N4	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 1/4-28
17	2	MS24665-136	PIN, COTTER, 1/16" X 1" CAD STEEL

* Not included with bulkhead assembly.

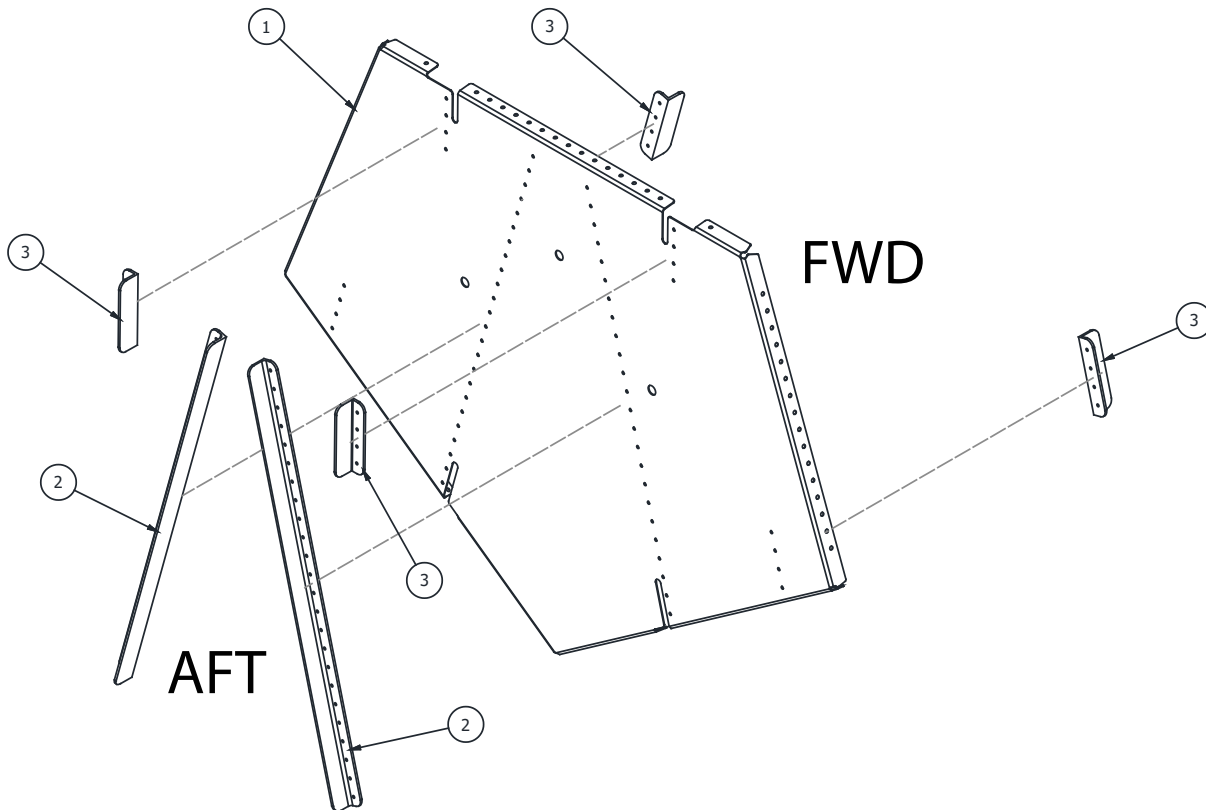
BULKHEAD #19 LEFT FLOAT



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1001453	ASSEMBLY, BULKHEAD #19, LEFT FLOAT, 10000
1	1	1001448	PANEL, BULKHEAD #19, LEFT
2*	1	10A01150-187	COVER, ACCESS HOLE, BULKHEAD #19
3	1	10A01156-179	REINFORCEMENT, PULLEY
4	1	10A01359-247	ANGLE, STIFFENER, BULKHEAD # 19
5	1	10A01359-232	ANGLE, STIFFENER, BULKHEAD #19
6	1	10A01427-042	ANGLE, #19 BULK
7	1	10A08033-004	GUIDE, RETRACT PULLEY BRACKET
8	1	10A08205-009	SHIM, PULLEY MOUNT
9	1	13A01160-012	DOUBLER, STN. #18
10	4	13A01359-124	ANGLE, TOP RAIL ATTACH
11	1	13A01359-166	ANGLE, COVER, BULK 18
12	2	3A01151-010	BRACKET PULLEY
13	1	3A08605-001	CABLE GUIDE
14	2	AN4-10A	BOLT, THRD 1/4-28, LNGTH +/- 1/64 - 1-1/32, GRIP LNGTH 9/16
15	2	MS20219-2	PULLEY CABLE 1/16 & 3/32, 480 LBS, OD DIA 1-3/4" ID 1/4"
16	2	MS21044N4	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 1/4-28
17	2	MS24665-136	PIN, COTTER, 1/16" X 1" CAD STEEL

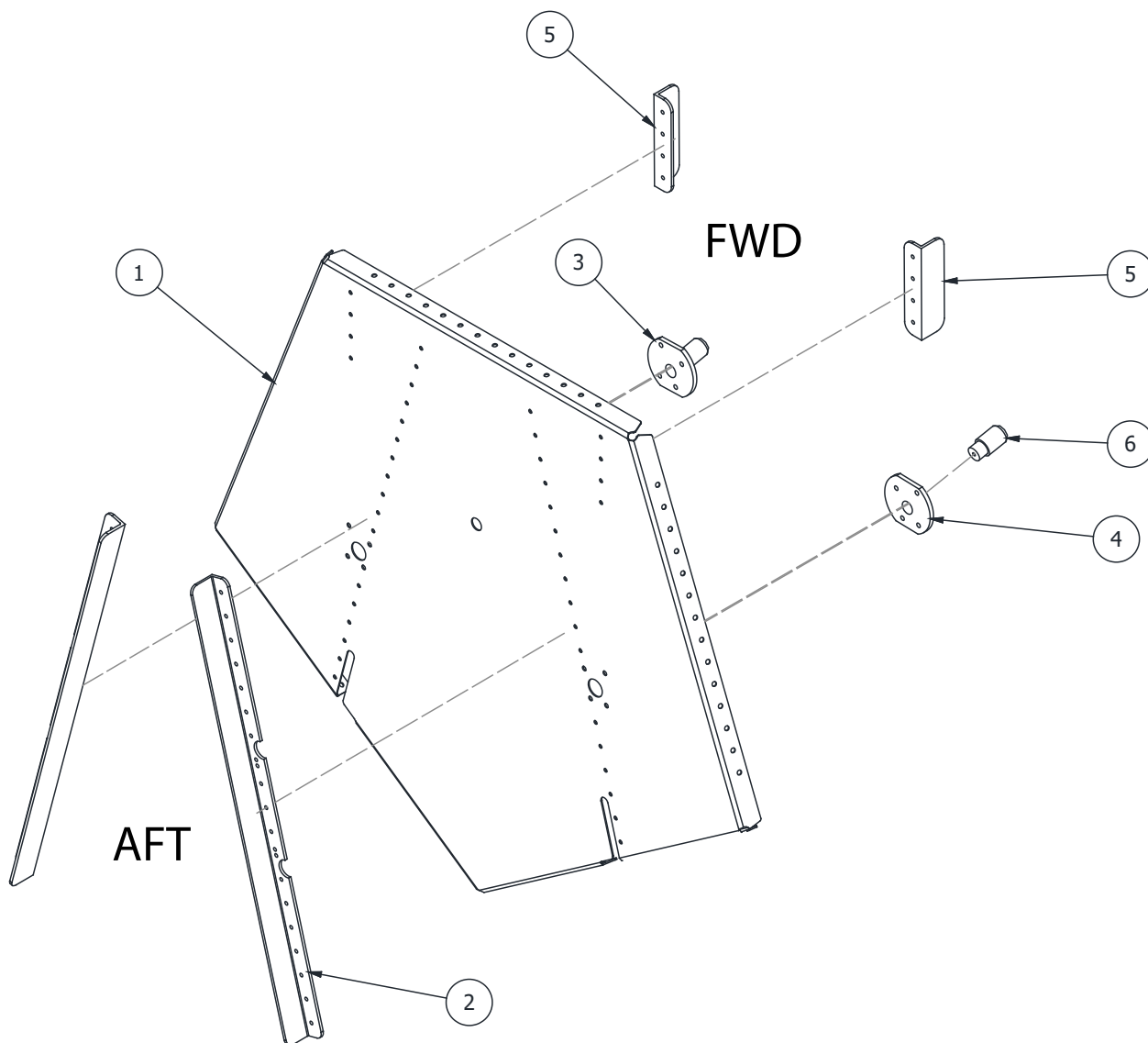
* Not included with bulkhead assembly.

BULKHEAD #20



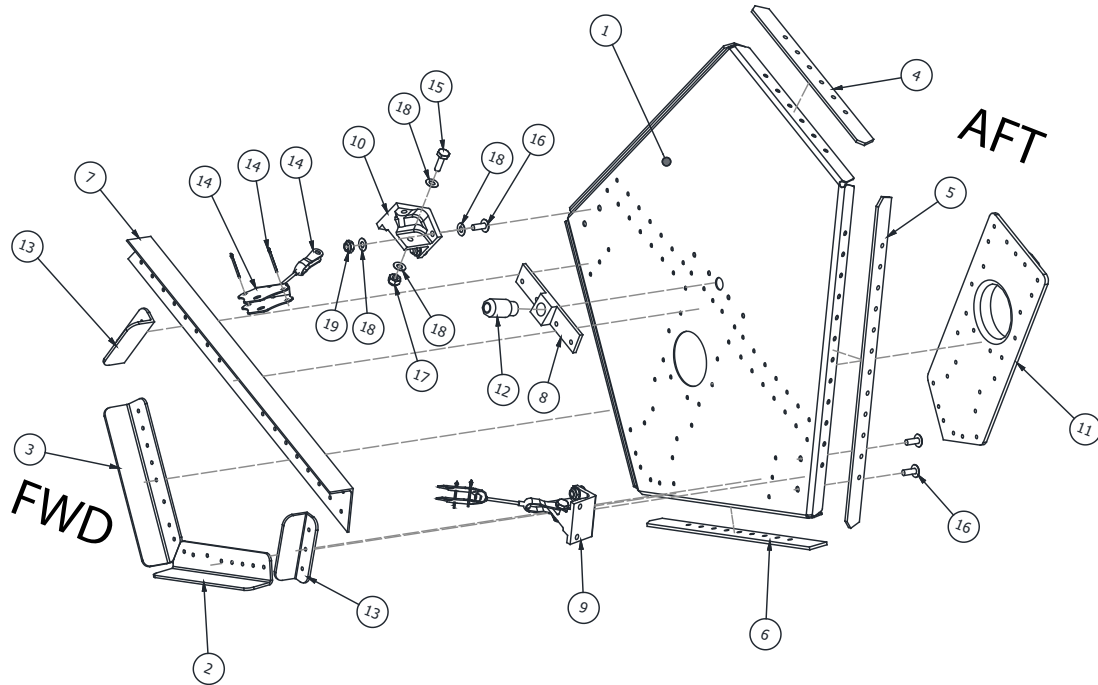
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	10A01000-411	ASSEMBLY BULKHEAD #20, 10000
1	1	10A01150-160	BULKHEAD #20
2	2	10A01359-233	ANGLE, STIFFENER #20 BULKHEAD
3	4	13A01359-124	ANGLE, TOP RAIL ATTACH

BULKHEAD #21



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	10A01000-412	ASSEMBLY BULKHEAD #21, 10000
1	1	10A01150-161	BULKHEAD PANEL #21
2	2	10A01359-234	ANGLE, STIFFENER #21 BULKHEAD
3	1	10A08251-004	PULLEY BRACKET GUIDE (RIGHT)
4	1	10A08251-005	PULLEY BRACKET GUIDE (LEFT)
5	2	13A01359-124	ANGLE, TOP RAIL ATTACH
6	2	3A8605-001	CABLE GUIDE

BULKHEAD #22



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1002681	ASSEMBLY BULKHEAD #22, 10000
1	1	1002680	BULKHEAD, PANEL, #22
2	1	1005627	ANGLE, STIFFENER, WATER RUDDER, PIVOT
3	1	1005628	ANGLE, STIFFENER, WATER RUDDER, PIVOT
4	1	10A01156-171	SPACER, #22, TOP
5	2	10A01156-172	SPACER, #22, SIDE
6	2	10A01156-173	SPACER, #22, BOTTOM
7	1	10A01352-044	ANGLE - STIFFENER - BULKHEAD # 22
8	1	10A08033-004	GUIDE - PULLEY BRACKET MOUNT
9	1	10A08225-003	BRACKET, PULLEY, LH
10	1	10A08225-004	BRACKET, PULLEY, AFT BULKHEAD, RH
11	1	3A01437-001	ASSEMBLY, MOUNT, PIVOT, WATER RUDDER
12	1	3A08605-001	CABLE GUIDE
13	2	6A01359-004	ANGLE - SUPPORT
14	2	8A08000-043	ASSEMBLY, PULLEY BRACKET
15	2	AN3-5A	BOLT, 10-32, 0.25 GRIP, UNDRILLED STEEL
16	4	AN526-1032R8	SCREW, TRUSS HEAD, NON STRUCTURAL, CAD 1, STEEL
17	2	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
18	12	NAS1149D0316J	WASHER, 0.203 ID, 0.016 THK, ALUMINUM
19	4	NAS679-A3W	KAYNAR NUT

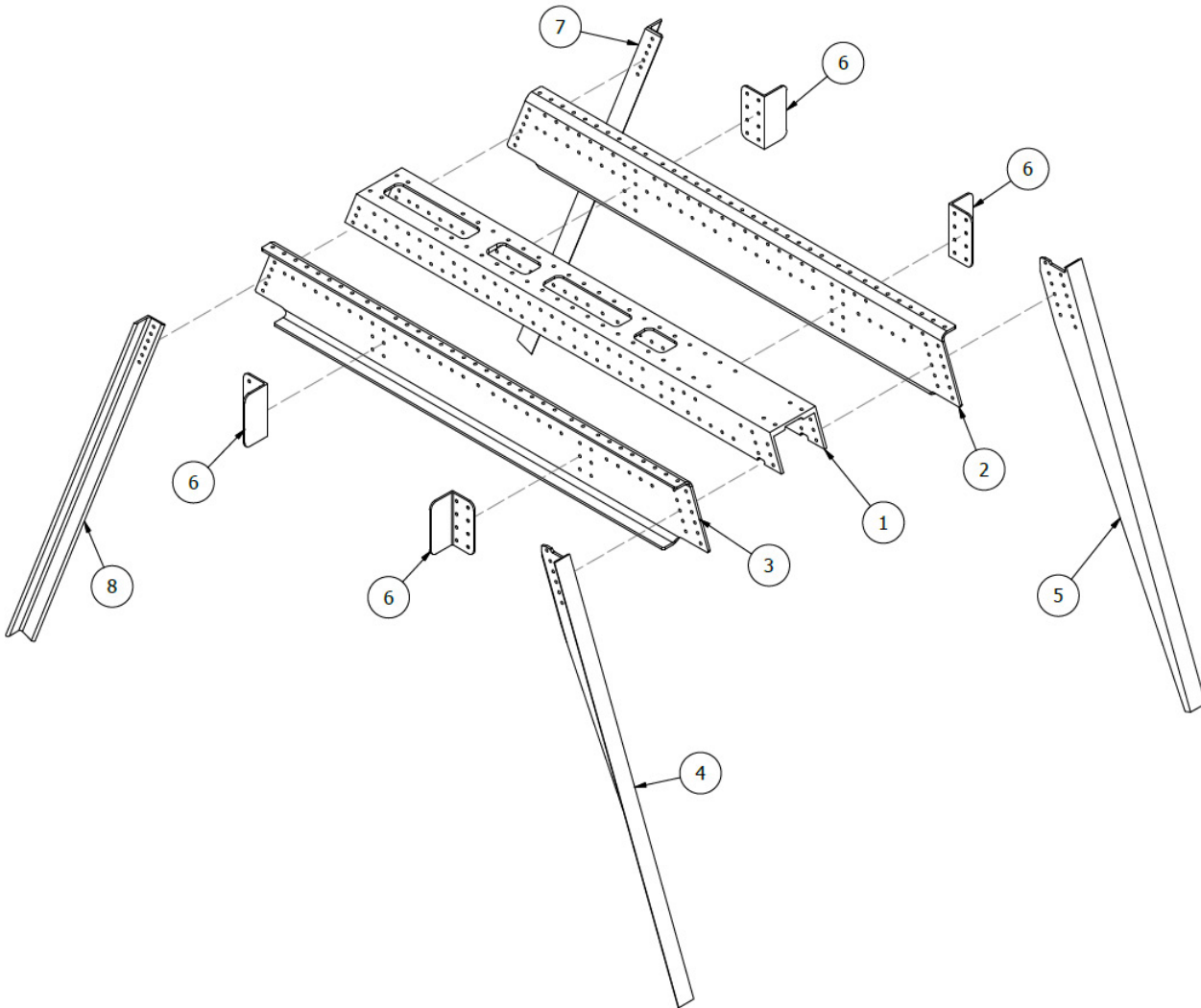
SECTION 2

FLOAT STRUCTURE

CONTENTS

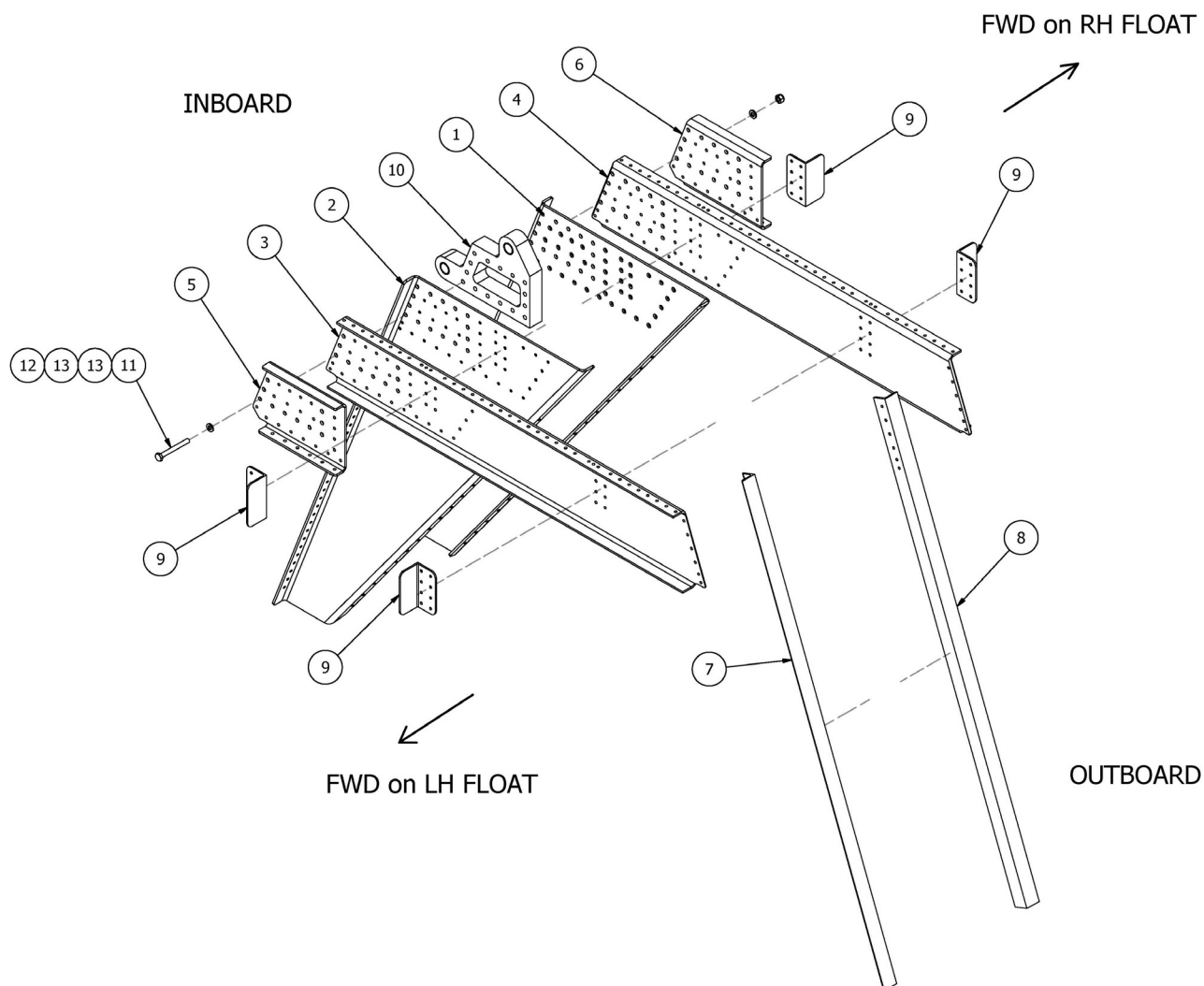
ASSEMBLY, DRAG STRUT, ATTACH	68
PANEL FORWARD SUPER ASSEMBLY & FRONT STRUT FLOAT FITTING.....	69
TOP SKIN ASSEMBLY LEFT FLOAT 10409A & 10410A AND LATER	71
TOP SKIN ASSEMBLY RIGHT FLOAT 10409A & 10410A AND LATER.....	73
TOP SKINS LEFT AND RIGHT FLOATS 10407A & 10408A AND PRIOR	75
SKIN ASSEMBLY, TOP DECK LEFT FLOAT 10309A & 10310A THRU 10407A & 10408A	78
SKIN ASSEMBLY, TOP DECK LEFT FLOAT 10307A & 10308A AND PRIOR	80
SKIN ASSEMBLY, TOP DECK RIGHT FLOAT 10309A & 10310A THRU 10407A & 10408A.....	82
SKIN ASSEMBLY, TOP DECK RIGHT FLOAT 10307A & 10308A AND PRIOR.....	84
BAGGAGE DOOR ASSEMBLY DETAIL A	86
BAGGAGE & FOAM TANK FLOOR.....	88
BAGGAGE FLOOR FLOAT SERIAL NUMBERS 10269A THRU 10408A	91
SIDE SKINS & STIFFENERS LEFT AND RIGHT FLOATS	93
BOTTOM SKINS & STIFFENERS	95
WHEEL WELL STEP AREA LEFT AND RIGHT FLOATS	97
EXTRUSIONS HULL - CHINES.....	98
STRUTS, FRONT, REAR, & STEPS	100
LEFT PYLON ASSEMBLY FLOAT SERIAL NUMBERS 10307A & 10308A AND LATER*	105
RIGHT PYLON ASSEMBLY FLOAT SERIAL NUMBERS 10307A & 10308A AND LATER*.....	108
LEFT PYLON ASSEMBLY FLOAT SERIAL NUMBERS 10305A & 10306A AND PRIOR	111
RIGHT PYLON ASSEMBLY FLOAT SERIAL NUMBERS 10305A & 10306A AND PRIOR	114
INSTALL FUSELAGE ITEMS.....	117
AUXILIARY FIN.....	118
VENTRAL FIN	120
ASSEMBLY, BALLAST, STEEL WEIGHTS, FWD	122
ASSEMBLY, BALLAST, STEEL WEIGHTS, AFT	124

ASSEMBLY, DRAG STRUT, ATTACH



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012080	ASSEMBLY, DRAG STRUT, ATTACH, 10000 (REPLACES 10A01000-446 AND 10A01000-447)
1	1	1011686	CHANNEL, DRAG STRUT ATTACH (REPLACES 13A01374-001)
2	1	1012078	PANEL, STRUT, DRAG BRACE, 10000
3	1	1012079	PANEL, STRUT, DRAG BRACE, 10000
4	1	10A01357-081	ANGLE, ARM, REAR STRUT SUPPORT, RH
5	1	10A01357-082	ANGLE, ARM, REAR STRUT SUPPORT, LH
6	4	13A01382-003	CLEAT, TOP DECK RAIL
7	1	13A01427-017	ARM - SPREADER BAR - FRONT
8	1	13A01427-018	ARM, SPREADER BAR, FORWARD

PANEL FORWARD SUPER ASSEMBLY & FRONT STRUT FLOAT FITTING

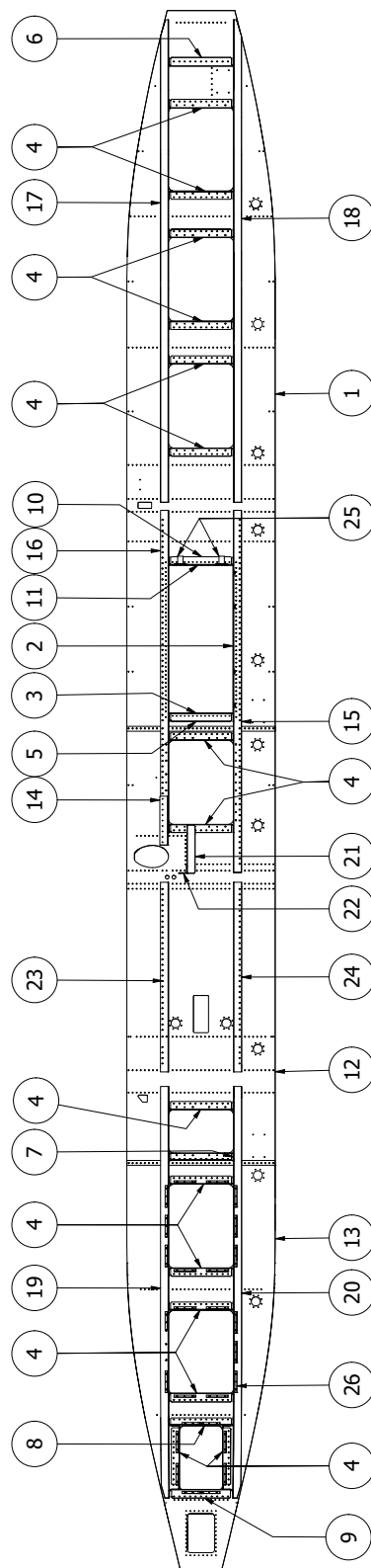


ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	10A01000-445	PANEL, FWD SUPER ASSEMBLY
1	1	1001672	SUPERPANEL, FWD
2	1	1001673	SUPERPANEL, FWD
3	1	1001674	PANEL, SPREADER BAR, BIG SIDE
4	1	1001675	PANEL, SPREADER BAR, SMALL SIDE
5	1	1005020	DOUBLER, PANEL, SPREADER BAR
6	1	1005021	DOUBLER, PANEL, SPREADER BAR
7	1	10A01427-033	ANGLE - FWD SPR BAR (#21 HOLES)
8	1	10A01427-034	ANGLE - FWD SPR BAR (#21 HOLES)
9	4	13A01382-003	CLEAT, TOP DECK RAIL

ITEM	QTY	PART NO.	PART DESCRIPTION
10*	1	1009849	ASSEMBLY, FITTING, FLOAT, FRONT STRUT (REPLACES 13A01082-001)
-	1	1009846	FITTING, FLOAT, FRONT STRUT
-	2	1008698	BUSHING, 0.625" ID
11*	15	AN4-22A	BOLT, 1/4-28 THREAD, 1-13/16" GRIP
12*	15	MS21044N4	NUT, 1/4-28, HEX LOCKING
13*	30	NAS1149F0463P	WASHER, FLAT, 1/4"

* These items are not included in the Super Panel Assembly (10A01000-445).

TOP SKIN ASSEMBLY LEFT FLOAT 10409A & 10410A AND LATER

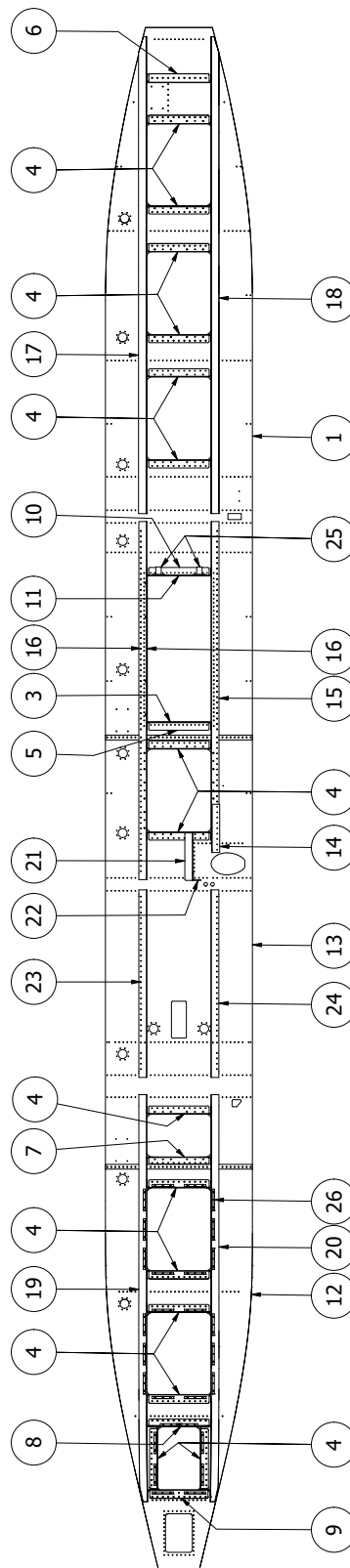


PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012975	ASSEMBLY, TOP SKIN, LF, 10000
1	1	1002042	SKIN, TOP, FWD, LEFT
2	1	1004569	ASSY, BAGGAGE LIP, OBRD, FOAM TANK, 10000 FLOAT
3	1	1011674	BAGGAGE LIP, FOAM TANK, 10000 FLOAT
4	15	1012317-01	CROSS TIE, TOP DECK
5	1	1012317-03	CROSS TIE, TOP DECK
6	1	1012317-04	CROSS TIE, TOP DECK
7	1	1012317-05	CROSS TIE, TOP DECK
8	1	1012317-06	CROSS TIE, TOP DECK
9	1	1012317-09	CROSS TIE, TOP DECK
10	1	1012317-10	CROSS TIE, TOP DECK
11	1	1012973	BAGGAGE LIP, FOAM TANK, 10000
12	1	10A01150-179	SKIN, TOP, AFT, LEFT
13	1	10A01163-105	SKIN, TOP, MID, LEFT, 10000
14	1	10A01382-003	RAIL - TOP SKIN W/B
15	1	10A01382-019	RAIL, TOP MID W/B, LEFT
16	1	10A01382-020	RAIL, TOP MID W/B, RIGHT
17	1	10A01382-021	RAIL - TOP FWD W/B
18	1	10A01382-022	RAIL - TOP FWD W/B
19	1	10A01382-023	RAIL - TOP AFT W/B
20	1	10A01382-024	RAIL - TOP AFT W/B
21	1	10A01382-027	RAIL, TOP SKIN, LH, 10000
22	1	10A01382-030	ANGLE, CROSS TIE & TOP RAIL
23	1	10A01382-032	RAIL - TOP WHEEL WELL, RIGHT
24	1	10A01382-033	RAIL - TOP WHEEL WELL, LEFT
25	2	10A12277-003	HOUSE COUPLER
26	28	9A3-671	TINNERMAN, ACCESS COVER
27	A/R	8 X 3/4	SCREW, PHILLIPS TYPE A FLAT HEAD 82 DEGREE FASTENERS (NOT SHOWN)
28	A/R	AN526-632R4	SCREW, TRUSS HEAD, NON STRUCTURAL, (NOT SHOWN)

TOP SKIN ASSEMBLY RIGHT FLOAT 10409A & 10410A AND LATER

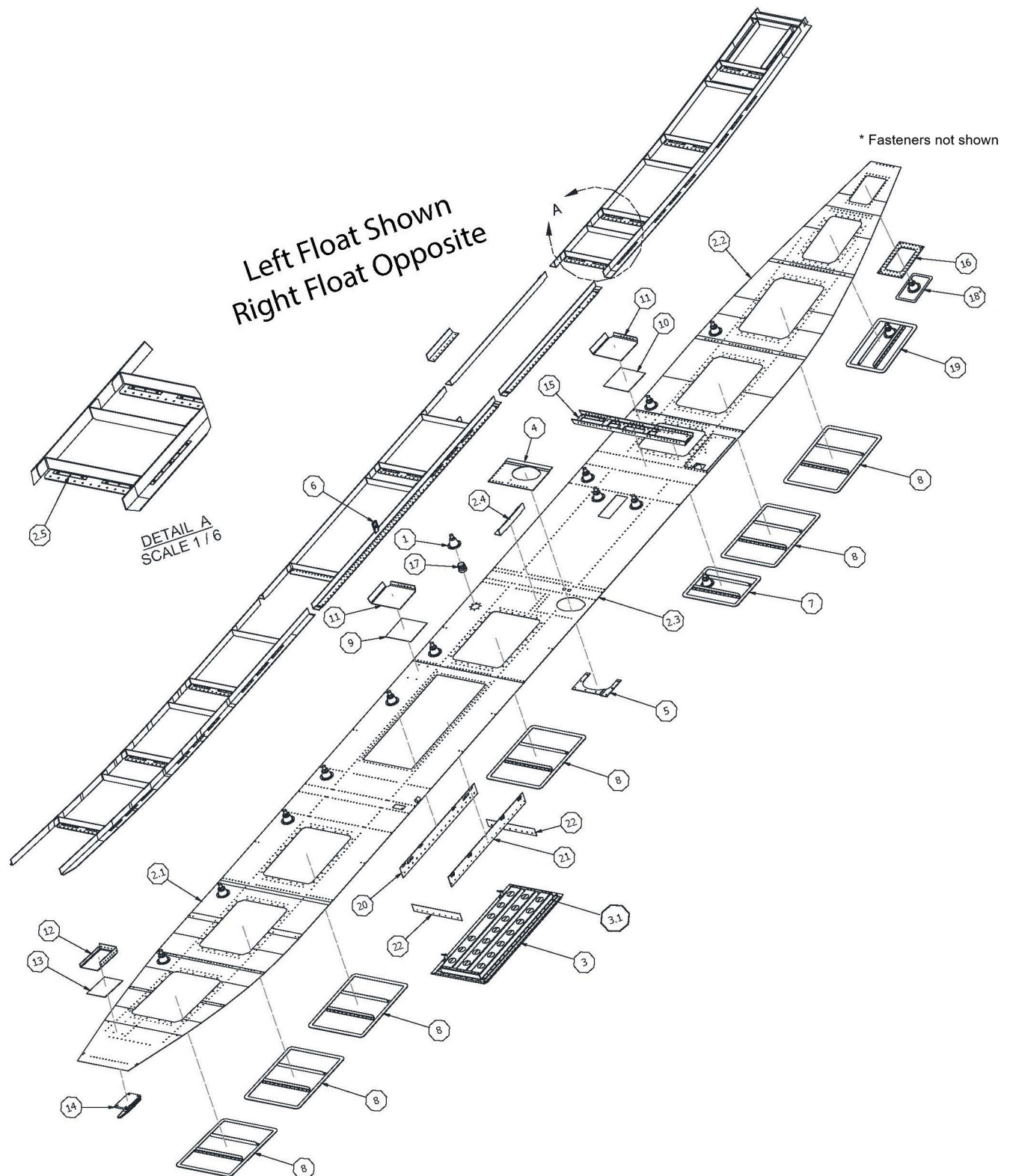


PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	-	1012976	ASSEMBLY, TOP SKIN, RF, 10000
1	1	1002043	SKIN, TOP, FWD, RIGHT
2	1	1004569	ASSY, BAGGAGE LIP, OBRD, FOAM TANK, 10000 FLOAT
3	1	1011674	BAGGAGE LIP, FOAM TANK, 10000 FLOAT
4	15	1012317-01	CROSS TIE, TOP DECK
5	1	1012317-03	CROSS TIE, TOP DECK
6	1	1012317-04	CROSS TIE, TOP DECK
7	1	1012317-05	CROSS TIE, TOP DECK
8	1	1012317-06	CROSS TIE, TOP DECK
9	1	1012317-09	CROSS TIE, TOP DECK
10	1	1012317-10	CROSS TIE, TOP DECK
11	1	1012973	BAGGAGE LIP, FOAM TANK, 10000
12	1	10A01150-164	SKIN, TOP, AFT, RIGHT
13	1	10A01163-108	SKIN, TOP, MID, RIGHT, 10000
14	1	10A01382-004	RAIL - TOP SKIN W/B
15	1	10A01382-019	RAIL, TOP MID W/B, LEFT
16	1	10A01382-020	RAIL, TOP MID W/B, RIGHT
17	1	10A01382-021	RAIL - TOP FWD W/B
18	1	10A01382-022	RAIL - TOP FWD W/B
19	1	10A01382-023	RAIL - TOP AFT W/B
20	1	10A01382-024	RAIL - TOP AFT W/B
21	1	10A01382-026	RAIL, TOP SKIN, RH, 10000
22	1	10A01382-030	ANGLE, CROSS TIE & TOP RAIL
23	1	10A01382-032	RAIL - TOP WHEEL WELL, RIGHT
24	1	10A01382-033	RAIL - TOP WHEEL WELL, LEFT
25	2	10A12277-003	HOUSE COUPLER
26	28	9A3-671	TINNERMAN, ACCESS COVER
27	A/R	8 X 3/4	SCREW, PHILLIPS TYPE A FLAT HEAD 82 DEGREE FASTENERS (NOT SHOWN)
28	A/R	AN526-632R4	SCREW, TRUSS HEAD, NON STRUCTURAL, (NOT SHOWN)

TOP SKINS LEFT AND RIGHT FLOATS 10407A & 10408A AND PRIOR



PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

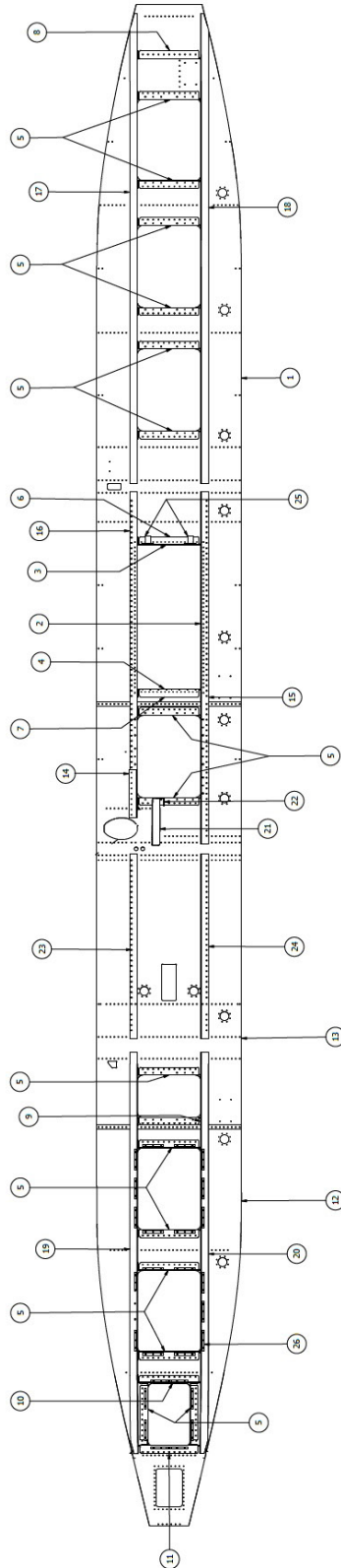
ITEM	QTY	PART NO.	PART DESCRIPTION
1	A/R	1011004	ASSEMBLY, CUP, PUMPOUT, DUCKBILL
	A/R	4A01749-001	CUP, PUMP OUT
	A/R	1011808	RETAINER, VALVE, DUCKBILL, PUMPOUT PLUG
2.1 LT.	1	1002042	SKIN, TOP FWD, LEFT
2.1 RT.	1	1002043	SKIN, TOP FWD, RIGHT
2.2 LT.	1	10A01150-179	SKIN, TOP, AFT, LEFT
2.2 RT.	1	10A01150-164	SKIN, TOP, AFT, RIGHT
2.3 LT.	1	10A01163-105	SKIN, TOP, MID, LEFT, 10000
2.3 RT.	1	10A01163-108	SKIN, TOP, MID, RIGHT, 10000
2.4 LT.	1	10A01382-027	RAIL - TOP SKIN W/B LEFT
2.4 RT.	1	10A01382-003	RAIL - TOP SKIN W/B RIGHT
2.5	A/R	9A3-671	TINNERMAN, ACCESS COVER
3	2	10A01000-464	BAGGAGE DOOR (SEE DETAIL A)
3.1	1	1009671	GASKET, DOOR SEAL
4	2	10A01001-068	DOUBLER, TOP RAIL LEFT, 10000
5 LT.	1	10A01592-005	FLANGE, FLOAT DECK, SCOOP TUBE, LH
5 RT.	1	10A01592-004	FLANGE, FLOAT DECK, SCOOP TUBE, RH
6	2	10A12154-017	CLIP - FOAM TANK WIRING
7	2	13A01000-210	ASSEMBLY, COVER, INSPECTION, SMALL
	2	13A01567-009	COVER SEAL, 9.63" X 13.56"
8	12	13A01000-211	ASSEMBLY, COVER, INSPECTION, LARGE
	12	13A01567-010	COVER SEAL, 13.69" X 17.16"
9	2	13A01155-006	SHIM, HARD POINT, AFT, MIDDLE
10	2	13A01155-025	SHIM, HARD POINT, AFT, MIDDLE
11	2	13A01156-091	HARD POINT, AFT, MIDDLE, LH
12 LT.	1	13A01156-119	HARD POINT, FRONT TIE DOWN, LH
12 RT.	1	13A01156-120	HARD POINT, FRONT TIE DOWN, RH
13	2	13A01157-007	SHIM - FRONT TIE DOWN, HARD POINT
14	6	13A01233-001	CLEAT
	24	AN5-10A	BOLT, 5/16-24 THREAD, 9/16" GRIP, 1-3/32" LENGTH, STEEL
	24	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF
	48	NAS1149D0563J	WASHER, 0.328 ID, 0.063 THK, ALUMINUM
15	2	1011686	CHANNEL - DRAG STRUT ATTACH (REPLACES 13A01374-001)
16	2	21A01156-126	REINFORCEMENT, WHEEL WELL, INSPECTION COVER
17	A/R	1011870	VALVE, DUCKBILL (NEW VERSION)
	A/R	2111	STOPPER, PUMPOUT, LAKE AND AIR (OLD VERSION)
18	2	1001032	ASSEMBLY, COVER, PUMPER CUP, SMALL
	2	21A01567-012	GASKET, SIDE 2100/3000 7"X5" THIN
	36	AN526-632R4	FASTENERS (NOT SHOWN)
19	2	1001033	ASSEMBLY, COVER, PUMPER CUP, LARGE
	2	13A01567-010	COVER SEAL, 13.69" X 17.16"

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
20	2	1004569	ASSEMBLY, BAGGAGE LIP, OBRD, FOAM TANK, 10000 FLOAT
21	2	1004574	ASSEMBLY, BAGGAGE LIP, IBRD, FOAM TANK, 10000 FLOAT
22	4	1004599	BAGGAGE LIP, FOAM TANK, 10000 FLOAT
23	A/R	8 X 3/4	SCREW, PHILLIPS TYPE A FLAT HEAD 82 DEGREE FASTENERS (NOT SHOWN)

SKIN ASSEMBLY, TOP DECK LEFT FLOAT

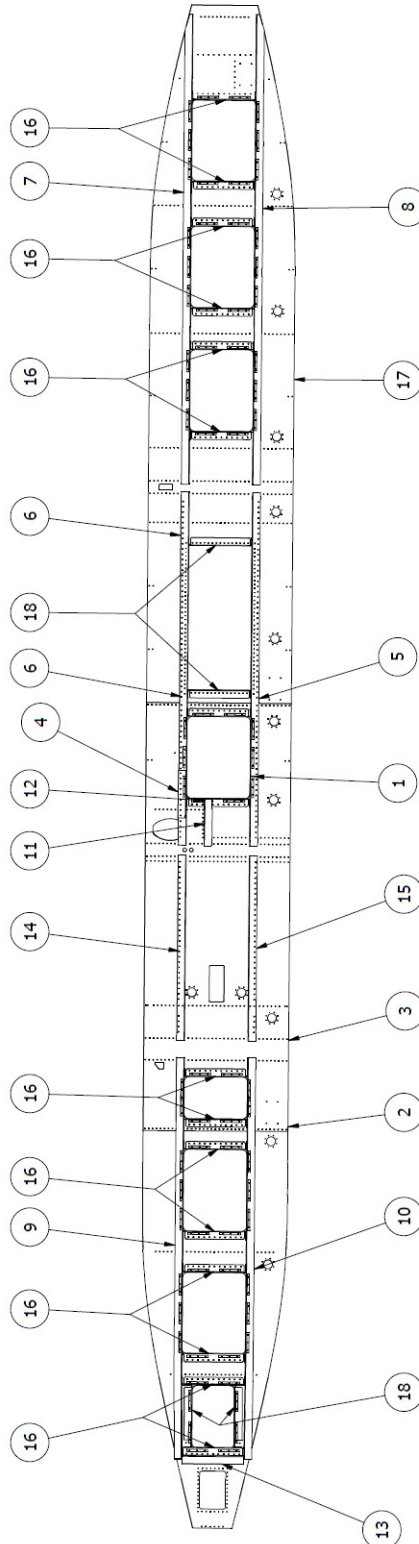
SERIAL NUMBERS 10309A & 10310A THRU 10407A & 10408A



PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011707	ASSEMBLY, TOP SKIN, LEFT, 10000
1	1	1002042	SKIN, TOP, FWD, LEFT
2	1	1011670	BAGGAGE LIP, OBRD, FOAM TANK, 10000 FLOAT
3	1	1011673	BAGGAGE LIP, FOAM TANK, 10000 FLOAT
4	1	1011674	BAGGAGE LIP, FOAM TANK, 10000 FLOAT
5	15	1012317-01	CROSS TIE, TOP DECK
6	1	1012317-02	CROSS TIE, TOP DECK
7	1	1012317-03	CROSS TIE, TOP DECK
8	1	1012317-04	CROSS TIE, TOP DECK
9	1	1012317-05	CROSS TIE, TOP DECK
10	1	1012317-06	CROSS TIE, TOP DECK
11	1	1012317-09	CROSS TIE, TOP DECK
12	1	10A01150-179	SKIN, TOP, AFT, LEFT
13	1	10A01163-105	SKIN, TOP, MID, LEFT, 10000
14	1	10A01382-003	RAIL - TOP SKIN W/B
15	1	10A01382-019	RAIL, TOP MID W/B, LEFT
16	1	10A01382-020	RAIL, TOP MID W/B, RIGHT
17	1	10A01382-021	RAIL - TOP FWD W/B
18	1	10A01382-022	RAIL - TOP FWD W/B
19	1	10A01382-023	RAIL - TOP AFT W/B
20	1	10A01382-024	RAIL - TOP AFT W/B
21	1	10A01382-027	RAIL - TOP SKIN W/B
22	1	10A01382-030	ANGLE, CROSS TIE & TOP RAIL
23	1	10A01382-032	RAIL - TOP WHEEL WELL, RIGHT
24	1	10A01382-033	RAIL - TOP WHEEL WELL, LEFT
25	2	10A12277-003	HOUSE COUPLER
26	28	9A3-671	TINNERMAN, ACCESS COVER
27	A/R	8 X 3/4	SCREW, PHILLIPS TYPE A FLAT HEAD 82 DEGREE FASTENERS (NOT SHOWN)
28	A/R	AN526-632R4	SCREW, TRUSS HEAD, NON STRUCTURAL, (NOT SHOWN)

SKIN ASSEMBLY, TOP DECK LEFT FLOAT SERIAL NUMBERS 10307A & 10308A AND PRIOR

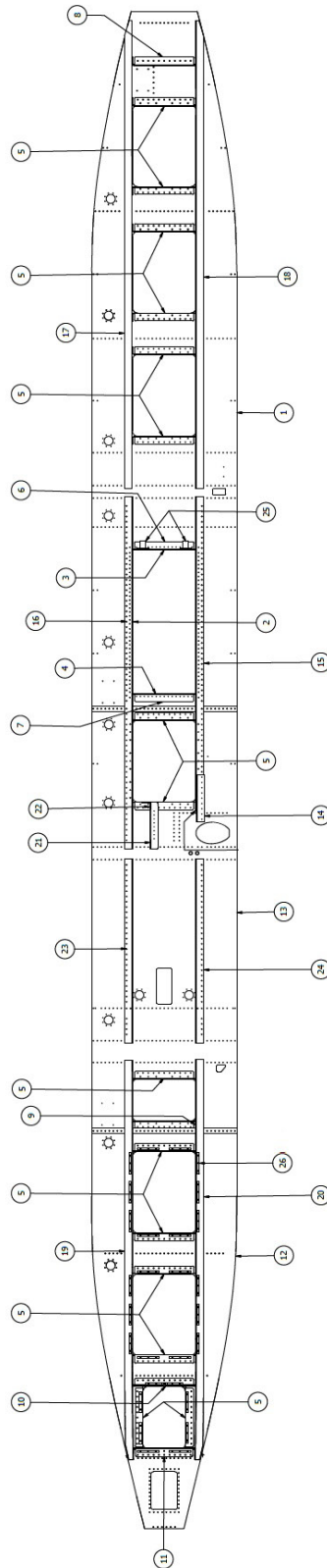


PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	10A01000-419	SKIN ASSEMBLY, TOP LT
1	76	9A3-671	TINNERMAN, ACCESS COVER
2	1	10A01150-179	SKIN, TOP, AFT, LEFT
3	1	10A01163-105	SKIN, TOP, MID, LEFT, 10000
4	1	10A01382-003	RAIL - TOP SKIN W/B
5	1	10A01382-019	RAIL, TOP MID W/B, LEFT
6	1	10A01382-020	RAIL, TOP MID W/B, RIGHT
7	1	10A01382-021	RAIL - TOP FWD W/B
8	1	10A01382-022	RAIL - TOP FWD W/B
9	1	10A01382-023	RAIL - TOP AFT W/B
10	1	10A01382-024	RAIL - TOP AFT W/B
11	1	10A01382-027	RAIL - TOP SKIN W/B
12	1	10A01382-030	ANGLE, CROSS TIE & TOP RAIL
13	1	1012317	ANGLE - TOP SKIN CROSS TIE (10A01382-031 DISCONTINUED)
14	1	10A01382-032	RAIL - TOP WHEEL WELL, RIGHT
15	1	10A01382-033	RAIL - TOP WHEEL WELL, LEFT
16	16	1012317	ANGLE - TOP SKIN CROSS TIE (13A01382-006 DISCONTINUED)
17	1	1002042	SKIN, TOP, FWD, LEFT
18	4	1012317	ANGLE - TOP SKIN CROSS TIE (1003425 DISCONTINUED)
19	A/R	8 X 3/4	SCREW, PHILLIPS TYPE A FLAT HEAD 82 DEGREE FASTENERS (NOT SHOWN)
20	A/R	AN526-632R4	SCREW, TRUSS HEAD, NON STRUCTURAL, (NOT SHOWN)

SKIN ASSEMBLY, TOP DECK RIGHT

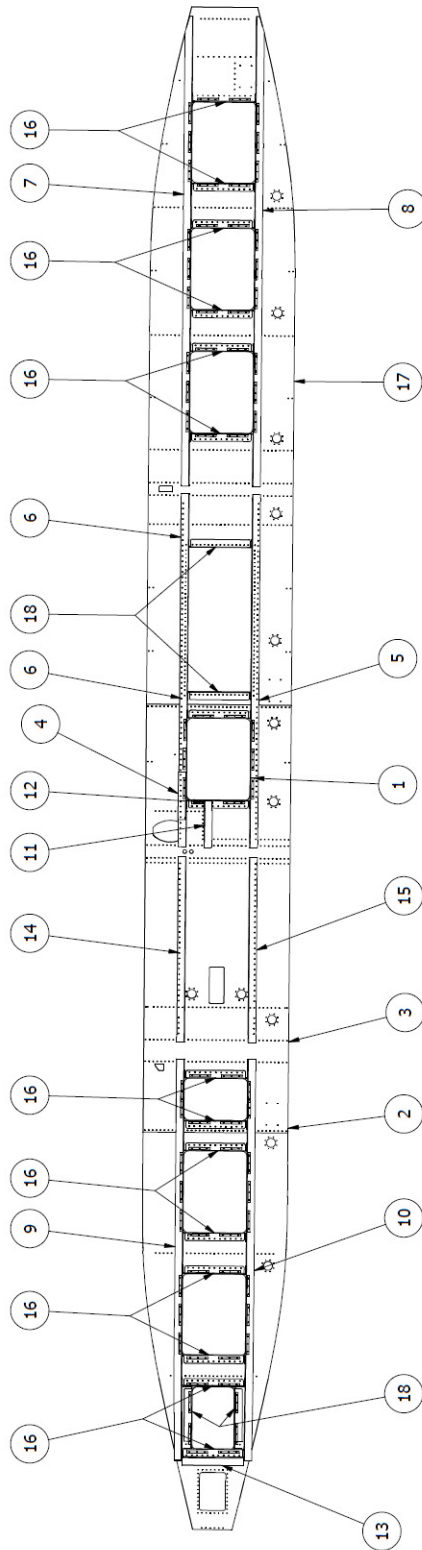
FLOAT SERIAL NUMBERS 10309A & 10310A THRU 10407A & 10408A



PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011708	ASSEMBLY, TOP SKIN, RIGHT, 10000
1	1	1002043	SKIN, TOP, FWD, RIGHT
2	1	1011670	BAGGAGE LIP, OBRD, FOAM TANK, 10000 FLOAT
3	1	1011673	BAGGAGE LIP, FOAM TANK, 10000 FLOAT
4	1	1011674	BAGGAGE LIP, FOAM TANK, 10000 FLOAT
5	15	1012317-01	CROSS TIE, TOP DECK
6	1	1012317-02	CROSS TIE, TOP DECK
7	1	1012317-03	CROSS TIE, TOP DECK
8	1	1012317-04	CROSS TIE, TOP DECK
9	1	1012317-05	CROSS TIE, TOP DECK
10	1	1012317-06	CROSS TIE, TOP DECK
11	1	1012317-09	CROSS TIE, TOP DECK
12	1	10A01150-164	SKIN, TOP, AFT, RIGHT
13	1	10A01163-108	SKIN, TOP, MID, RIGHT, 10000
14	1	10A01382-004	RAIL - TOP SKIN W/B
15	1	10A01382-019	RAIL, TOP MID W/B, LEFT
16	1	10A01382-020	RAIL, TOP MID W/B, RIGHT
17	1	10A01382-021	RAIL - TOP FWD W/B
18	1	10A01382-022	RAIL - TOP FWD W/B
19	1	10A01382-023	RAIL - TOP AFT W/B
20	1	10A01382-024	RAIL - TOP AFT W/B
21	1	10A01382-026	RAIL - TOP SKIN W/B
22	1	10A01382-030	ANGLE, CROSS TIE & TOP RAIL
23	1	10A01382-032	RAIL - TOP WHEEL WELL, RIGHT
24	1	10A01382-033	RAIL - TOP WHEEL WELL, LEFT
25	2	10A12277-003	HOUSE COUPLER
26	28	9A3-671	TINNERMAN, ACCESS COVER
27	A/R	8 X 3/4	SCREW, PHILLIPS TYPE A FLAT HEAD 82 DEGREE FASTENERS (NOT SHOWN)
28	A/R	AN526-632R4	SCREW, TRUSS HEAD, NON STRUCTURAL, (NOT SHOWN)

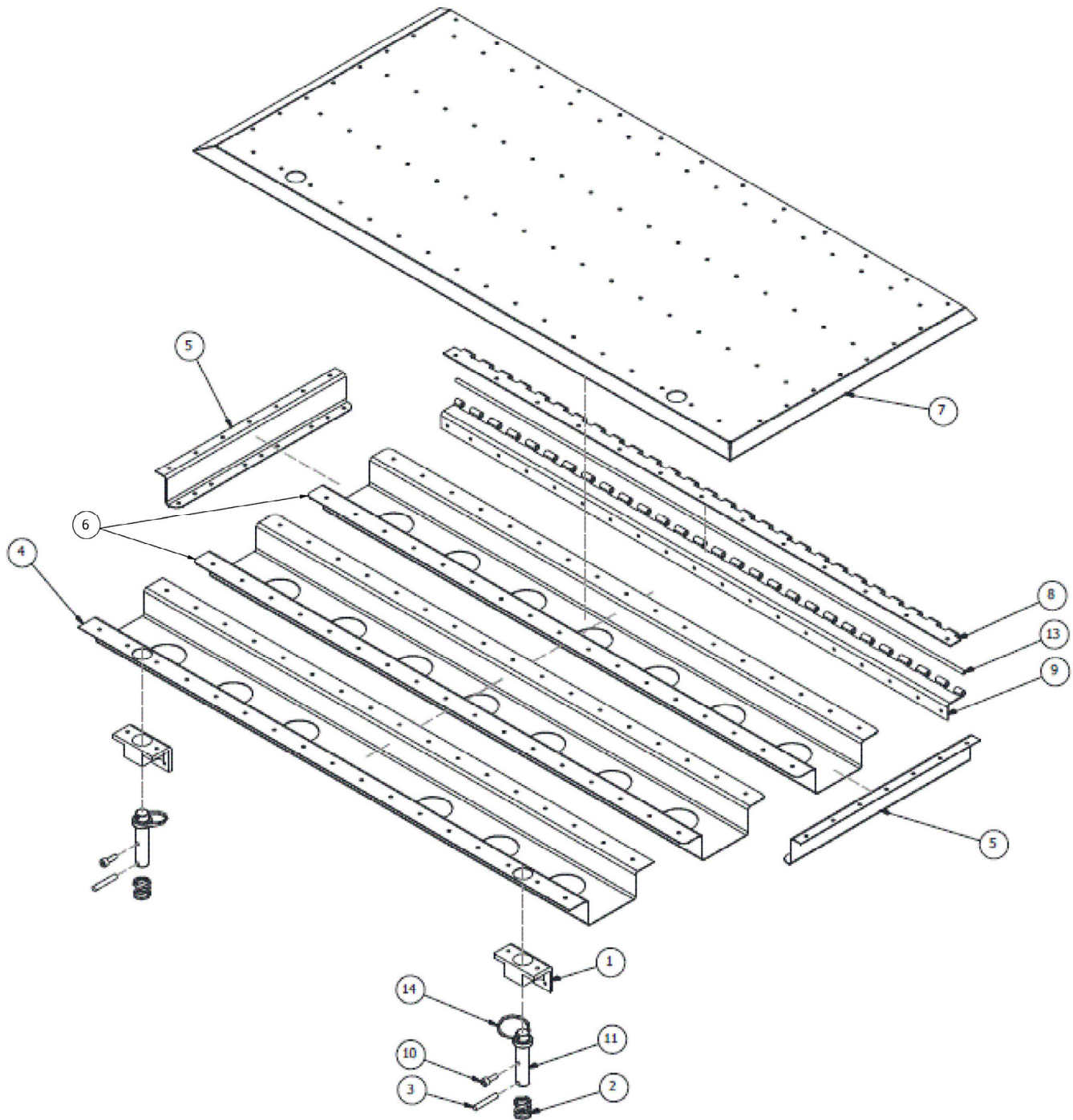
SKIN ASSEMBLY, TOP DECK RIGHT FLOAT SERIAL NUMBERS 10307A & 10308A AND PRIOR



PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	10A01000-414	SKIN ASSEMBLY, TOP LT
1	76	9A3-671	TINNERMAN, ACCESS COVER
2	1	10A01150-164	SKIN, TOP, AFT, RIGHT
3	1	10A01163-108	SKIN, TOP, MID, RIGHT, 10000
4	1	10A01382-004	ANGLE, TOP RAIL MOD.
5	1	10A01382-019	RAIL, TOP MID W/B, LEFT
6	1	10A01382-020	RAIL, TOP MID W/B, RIGHT
7	1	10A01382-021	RAIL - TOP FWD W/B
8	1	10A01382-022	RAIL - TOP FWD W/B
9	1	10A01382-023	RAIL - TOP AFT W/B
10	1	10A01382-024	RAIL - TOP AFT W/B
11	1	10A01382-026	ANGLE, TOP RAIL (RIGHT)
12	1	10A01382-030	ANGLE, CROSS TIE & TOP RAIL
13	1	1012317	ANGLE - TOP SKIN CROSS TIE (10A01382-031 DISCONTINUED)
14	1	10A01382-032	RAIL - TOP WHEEL WELL, RIGHT
15	1	10A01382-033	RAIL - TOP WHEEL WELL, LEFT
16	16	1012317	ANGLE - TOP SKIN CROSS TIE (13A01382-006 DISCONTINUED)
17	1	1002043	SKIN, TOP, FWD, RIGHT
18	4	1012317	ANGLE - TOP SKIN CROSS TIE (1003425 DISCONTINUED)
19	A/R	8 X 3/4	SCREW, PHILLIPS TYPE A FLAT HEAD 82 DEGREE FASTENERS (NOT SHOWN)
20	A/R	AN526-632R4	SCREW, TRUSS HEAD, NON STRUCTURAL, (NOT SHOWN)

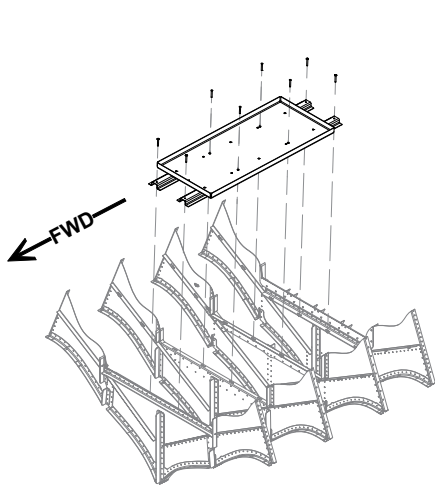
BAGGAGE DOOR ASSEMBLY DETAIL A



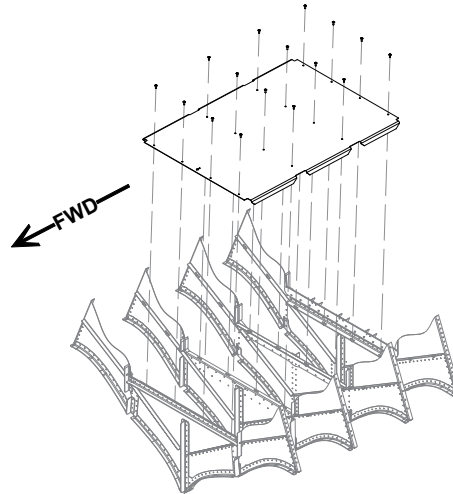
PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	2	3A01206-001	RETAINER – BAGGAGE COMPARTMENT LOCK
2	2	3A01525-003	SPRING, BAGGAGE COVER
3	2	3A01702-004	PIN, LOCK
4	1	4A01004-048	STIFFENER, BAGGAGE, COVER
5	2	4A01004-049	STIFFENER, END CAP, BAGGAGE
6	2	4A01004-067	STIFFENER, BAGGAGE DOOR
7	1	4A01162-001	COVER, BAGGAGE, 13-1/4 X 28-7/8
8	1	4A01740-005	HINGE, BAGGAGE COVER, 1/4"
9	1	4A01741-003	HINGE, BAGGAGE COVER, 1.5"
10	2	10/32 X 1/2 SS	SCREW, BAGGAGE
11	2	13A01273-016	PIN, LATCH, BAGGAGE DOOR
12	18	01692-0410	RIVET, POP, 1/8"
13	1	1002186	HINGE, PIN/ROD
14	2	1002663	RING
15	A/R	1009671	GASKET, DOOR SEAL (NOT SHOWN, NOT INCLUDED IN ASSEMBLY)

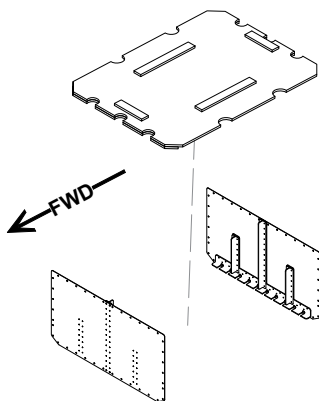
BAGGAGE & FOAM TANK FLOOR



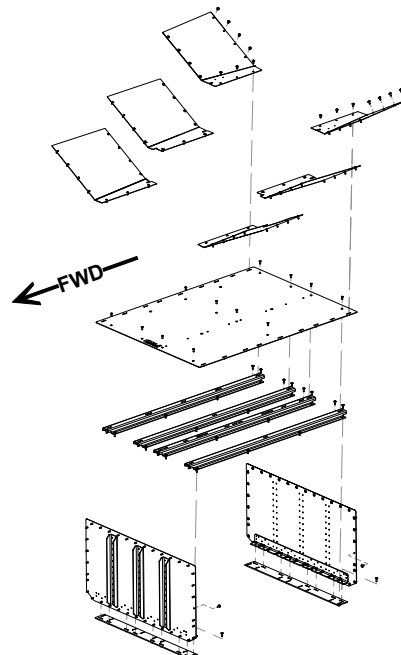
FOAM TANK FLOOR
S/N 10409 & LATER



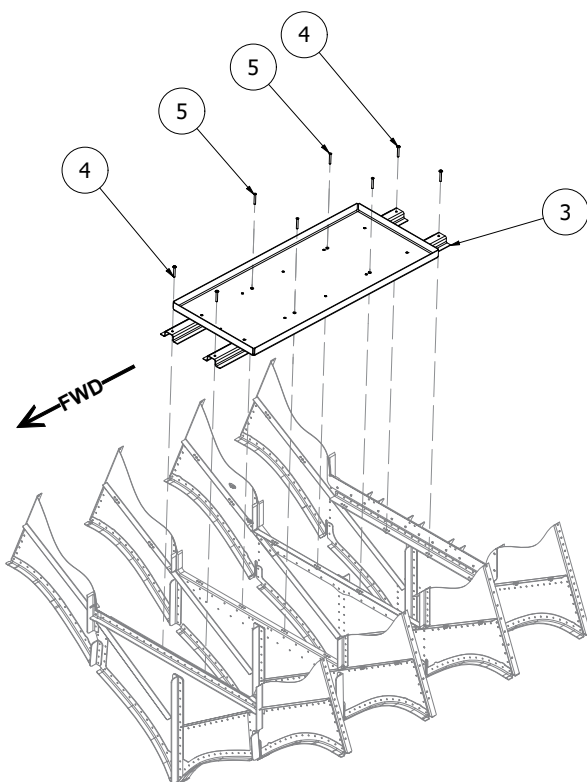
BAGGAGE FLOOR
S/N 10409 & LATER



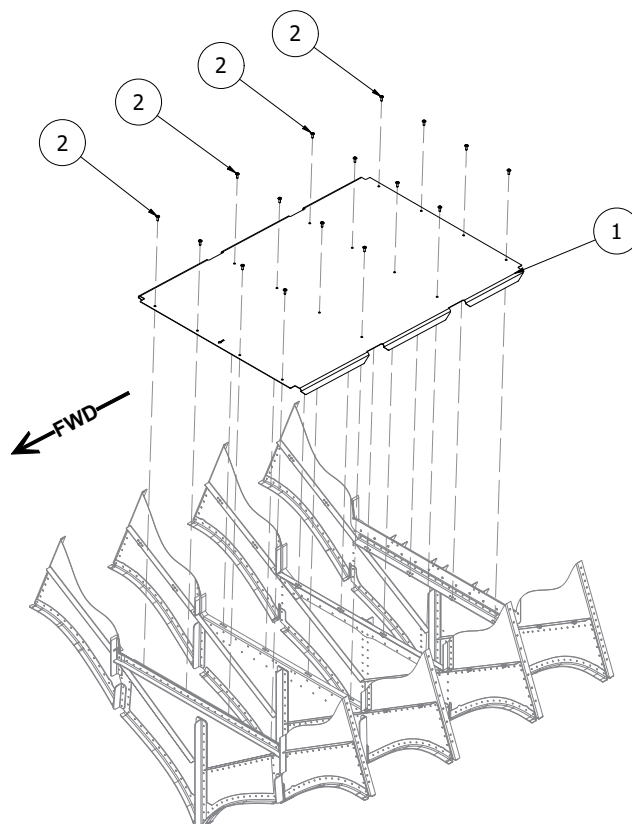
FOAM TANK FLOOR
S/N 10268 & PRIOR



BAGGAGE FLOOR
S/N 10269 TO 10408

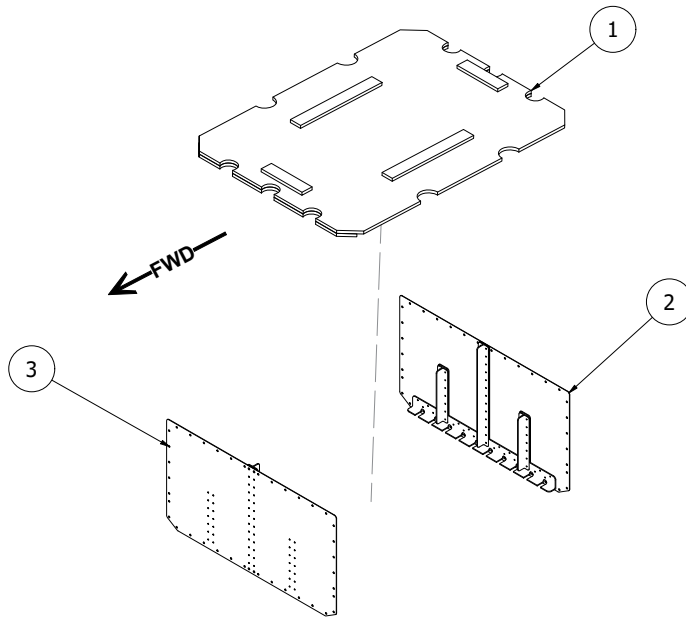


FOAM TANK FLOOR
S/N 10409 & LATER



BAGGAGE FLOOR
S/N 10409 & LATER

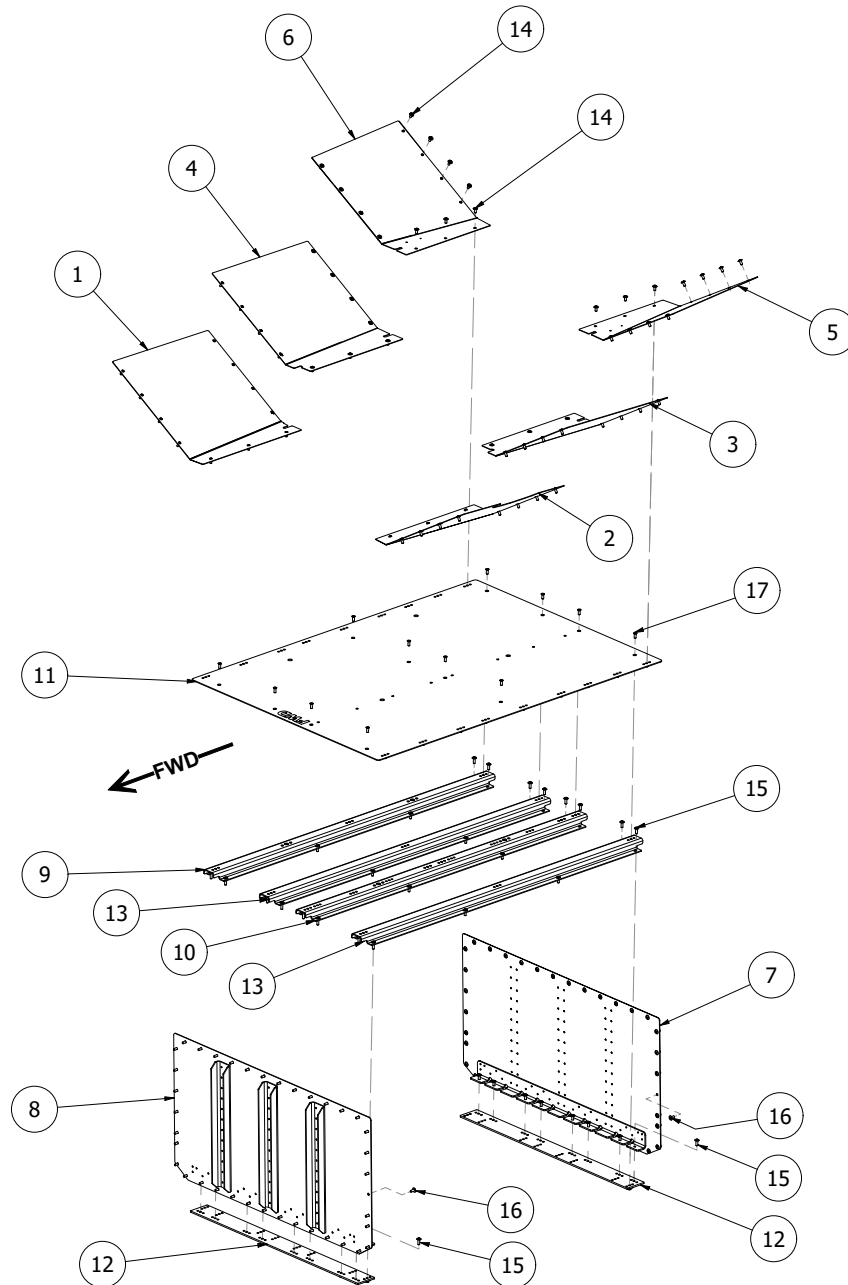
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1012954	PANEL, FLOOR, BAGGAGE, STANDARD
2	16	AN525-8R8	SCREW, WASHER HEAD
3	1	1012985	ASSEMBLY, FLOOR, BAGGAGE, 30 GAL TANK
3.1	1	1012984	PANEL, FLOOR, BAGGAGE, 30 GAL
3.2	2	1012983	CHANNEL, FLOOR, BAGGAGE, 30 GAL
4	4	AN525-832R20	SCREW, WASHER HEAD
5	4	MS24693-S56	SCREW, MACHINE, COUNTERSUNK , 8-32 UNC, 1.25 LG



FOAM TANK FLOOR S/N 10268 & PRIOR

ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	10A01000-451	ASSEMBLY, BAGGAGE FLOOR, 10000 FLT
2	1	10A01000-448	COVER #9 BULKHEAD
3	1	10A01000-449	COVER - #14 BULKHEAD

BAGGAGE FLOOR FLOAT SERIAL NUMBERS 10269A THRU 10408A

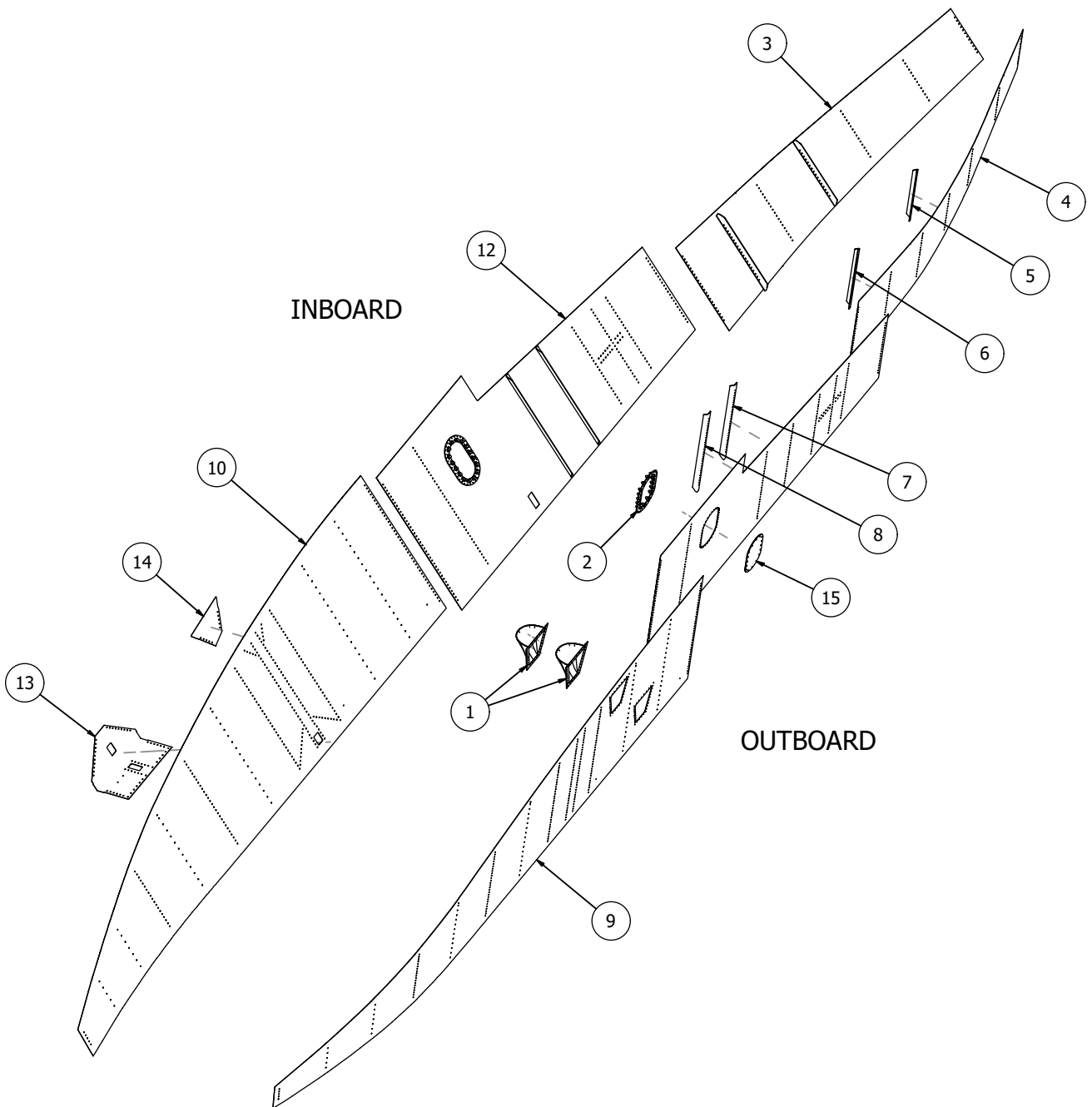


BAGGAGE FLOOR S/N 10269 TO 10408

NOTE: SEE SERVICE LETTER 259 FOR FOAM TANK FLOOR CONVERSION

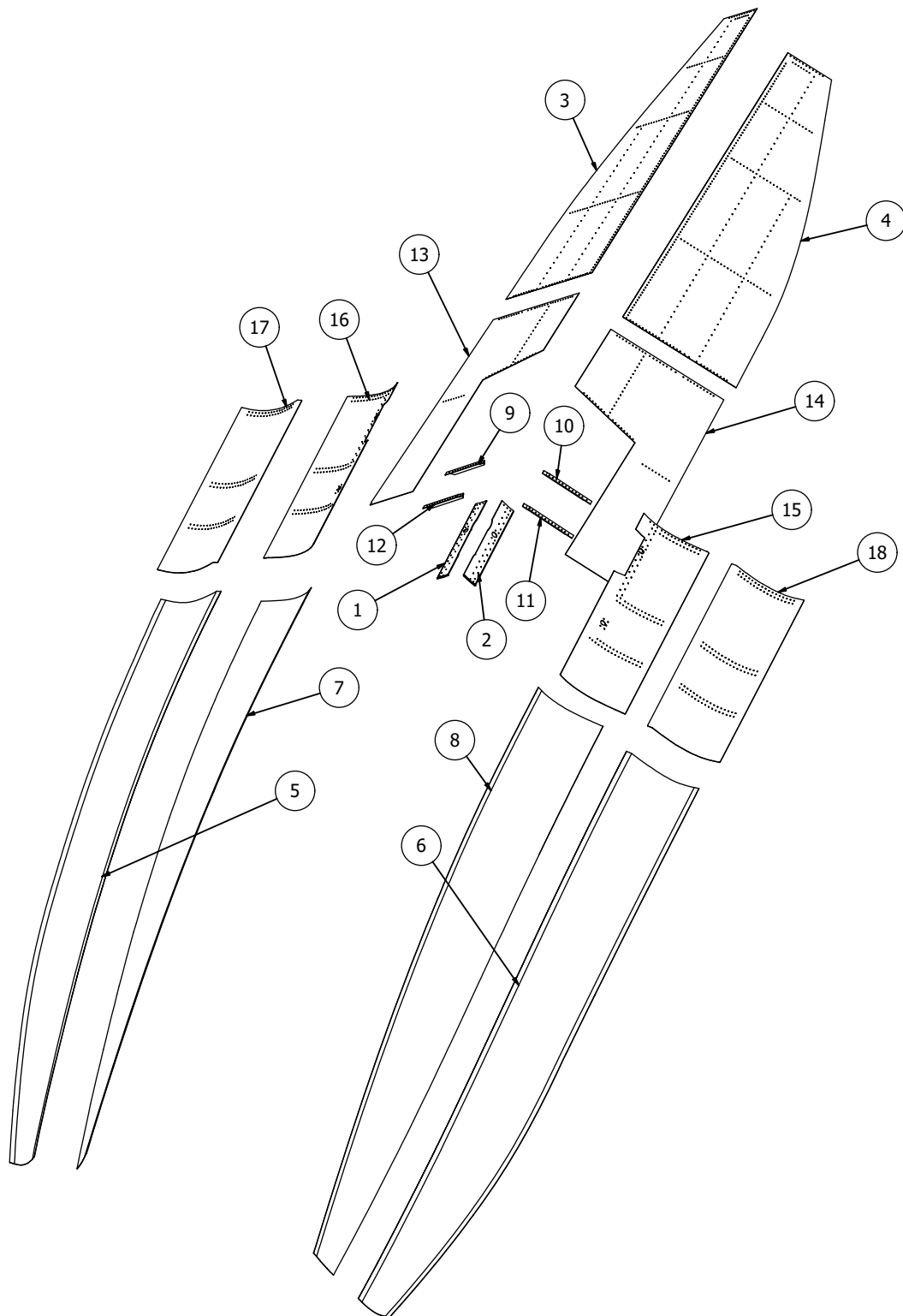
ITEM	QTY	PART NO.	PART DESCRIPTION
1 RT	1	1011539	FLOOR, SIDE, BAGGAGE, FWD, OB, RIGHT FLOAT
1 LT	1	1011523	FLOOR, SIDE, BAGGAGE, FWD, IB, LEFT FLOAT
2 RT	1	1011522	FLOOR, SIDE, BAGGAGE, FWD, IB, RIGHT FLOAT
2 LT	1	1011538	FLOOR, SIDE, BAGGAGE, FWD, OB, LEFT FLOAT
3	1	1011524	FLOOR, SIDE, BAGGAGE, MID
4	1	1011525	FLOOR, SIDE, BAGGAGE, MID
5	1	1011526	FLOOR, SIDE, BAGGAGE, AFT
6	1	1011527	FLOOR, SIDE, BAGGAGE, AFT
7	1	1011654	ASSEMBLY, COVER, BULKHEAD #14
8	1	1011655	ASSEMBLY, COVER, BULKHEAD, #9
9	1	1011662	ASSEMBLY, HAT CHANNEL, OUTER, 10000
10	1	1011664	ASSEMBLY, HAT CHANNEL, CENTER, 10000
11	1	1011688	ASSEMBLY, FLOOR, MAIN, BAGGAGE, 10000
12	2	1011743	ASSEMBLY, MOUNTING PLATE, BH COVERS, 10000
13	2	1011966	ASSEMBLY, HAT CHANNEL, BAGGAGE, 10000
14	66	AN525-832R6	SCREW, WASHER HEAD
15	48	AN525-832R8	SCREW, WASHER HEAD
16	76	AN526-832R6	SCREW, MACHINE, TRUSS HEAD
17	12	MS24694S4	SCREW, COUNTERSUNK 100°

SIDE SKINS & STIFFENERS LEFT AND RIGHT FLOATS



ITEM	QTY	PART NO.	PART DESCRIPTION
1	2	3A01000-005	WELDMENT, STEP POCKET, FLAT SURFACE
2	2	10A01000-450	COVER REINFORCEMENT - SIDE ASS'Y
3	1	10A01150-167	SKIN, SIDE, AFT, LEFT, 10000
4	1	10A01150-172	SKIN, SIDE, AFT, RIGHT, 10000
5	1	1001164	STIFFENER, REAR, AFT, SIDESKIN
6	1	1001165	STIFFENER, FRONT, AFT, SIDESKIN
7	2	1001166	STIFFENER, REAR, MID SIDESKIN
8	2	1001167	STIFFENER, FRONT, MID SIDESKIN
9 RT.	1	1002047	SKIN, SIDE, FWD, OUTBOARD, RIGHT
9 LT.	1	1002046	SKIN, SIDE, FWD, OUTBOARD, LEFT
10 RT.	1	1002151	SKIN, SIDE, FWD, INBOARD, RF, 10000
10 LT.	1	1002044	SKIN, SIDE, FWD, INBOARD, LF, 10000
11 RT.	1	1007942	SKIN, SIDE, MID, OUTBOARD, RH, 10000
11 LT.	1	1007941	SKIN, SIDE, MID, OUTBOARD, LH, 10000
12 RT.	1	1007944	SKIN, SIDE, MID, INBOARD, RH, 10000
12 LT.	1	1007943	SKIN, SIDE, MID, INBOARD, LH, 10000
13 RT.	1	1011108	DOUBLER, STRUT ATTACH POINT, FWD, TOP, RF, 10000 (S/N 10213A/10214A AND LATER)
13 LT.	1	1011107	DOUBLER, STRUT ATTACH POINT, FWD, TOP, LF, 10000 (S/N 10213A/10214A AND LATER)
14 RT.	1	1011110	DOUBLER, STRUT ATTACH POINT, FWD, BOTTOM, RF, 10000 (S/N 10213A/10214A AND LATER)
14 LT.	1	1011109	DOUBLER, STRUT ATTACH POINT, FWD, BOTTOM, LF, 10000 (S/N 10213A/10214A AND LATER)
15	2	1012643	ASSEMBLY, COVER, SIDE
	1	10A01163-115	COVER, SIDE
	1	1012638	GASKET, COVER, SIDE

BOTTOM SKINS & STIFFENERS

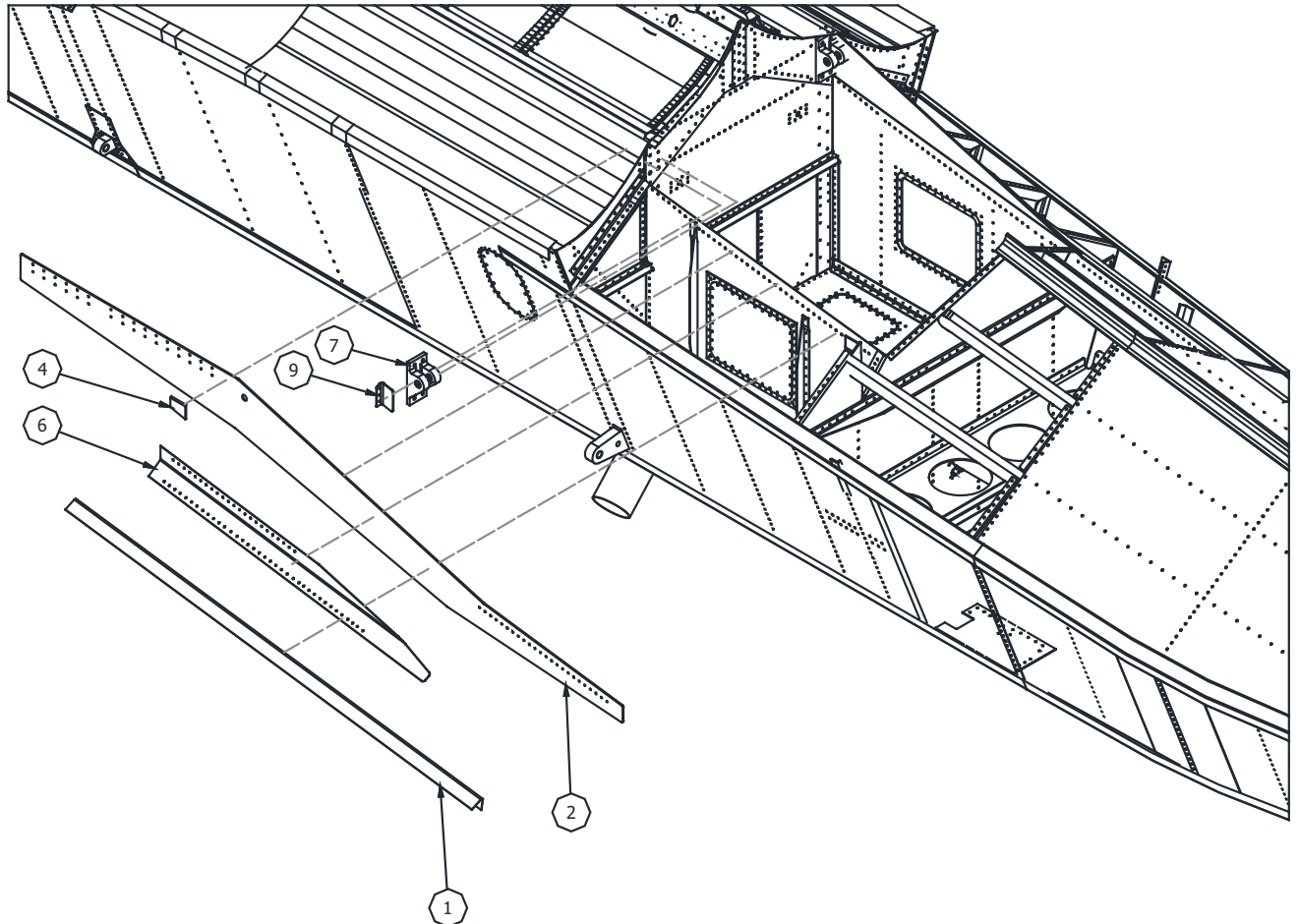


PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	10A01001-072	DOUBLER, SCOOP TUNNEL, LEFT
2	1	10A01001-073	DOUBLER, SCOOP TUNNEL, RIGHT
3	1	10A01158-265	SKIN-BOTTOM, AFT, LT, 10000 FLOAT
4	1	10A01158-266	SKIN-BOTTOM, AFT, RT, 10000 FLOAT
5	1	13A01153-013	SKIN, BOTTOM, UPPER, LEFT
6	1	13A01153-014	SKIN, BOTTOM, UPPER, RIGHT
7	1	13A01163-043	SKIN, BOTTOM, LOWER, LEFT
8	1	13A01163-044	SKIN, BOTTOM, LOWER, RIGHT
9	1	13A01359-175	STIFFENER - AFT SKIN - AFT LEFT
10	1	13A01359-176	STIFFENER - AFT SKIN - AFT RIGHT
11	1	13A01359-177	STIFFENER - AFT SKIN - FWD LEFT
12	1	13A01359-178	STIFFENER - AFT SKIN - FWD RIGHT
13	1	1007945	SKIN, BOTTOM, AFT FWD, LEFT, 10000
14	1	1007946	SKIN, BOTTOM, AFT FWD, RIGHT, 10000
15	1	1011386	SKIN, BOTTOM, FWD SPLICE, LOWER, RH
16	1	1011387	SKIN, BOTTOM, FWD SPLICE, LOWER, LH
17	1	1011700	SKIN, BOTTOM, SPLICE, UPPER, LH
18	1	1011701	SKIN, BOTTOM, SPLICE, UPPER, RH

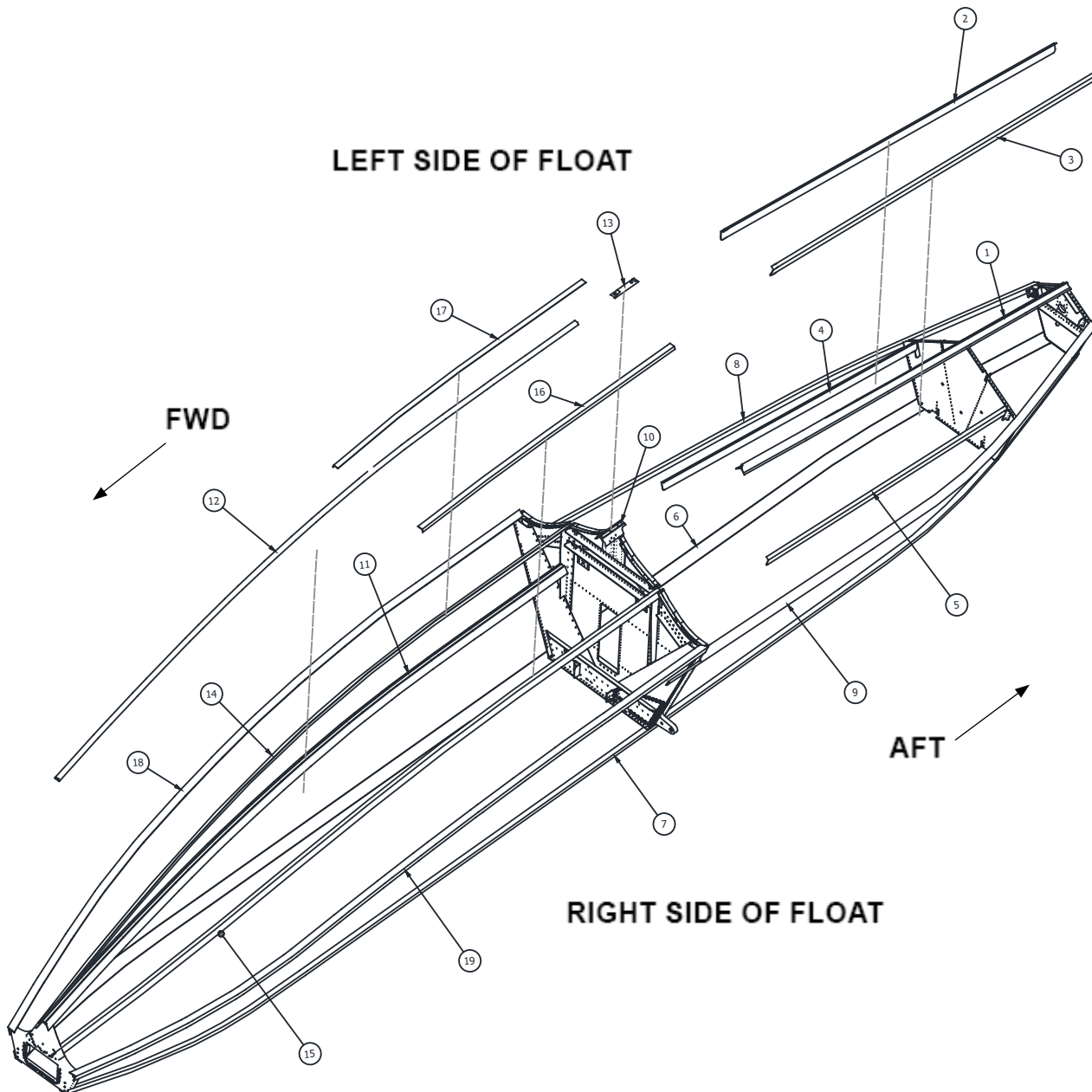
WHEEL WELL STEP AREA LEFT AND RIGHT FLOATS



ITEM	QTY	PART NO.	PART DESCRIPTION
1	2	1012545*	ANGLE, CARRY THRU, INSIDE, LEFT
-	2	1012546*	ANGLE, CARRY THRU, INSIDE, RIGHT
2	4	1012309*	CARRY THRU STRAP
3	2	13A01160-017	SPACER CARRY THRU STRAP #17 B
4	2	13A01160-018	SPACER CARRY THRU STRAP #17 B
5	2	13A01162-013	ANGLE, CARRY THRU OUTER LT.
6	2	13A01162-014	ANGLE, CARRY THRU OUTER RT.
7	2	13A04030-002	ASSEMBLY, TRUNION, DRAG BRACE, RIGHT
8	2	13A04030-003	ASSEMBLY, TRUNION, DRAG BRACE, LEFT
9	2	1008721*	ANGLE, SISTER KEEL ATTACH
10	2	1008722*	ANGLE, SISTER KEEL ATTACH

* Pre-located holes beginning at float serial number 10367A. Consider ordering holeless field service (-FS) version for repairs.

EXTRUSIONS HULL - CHINES

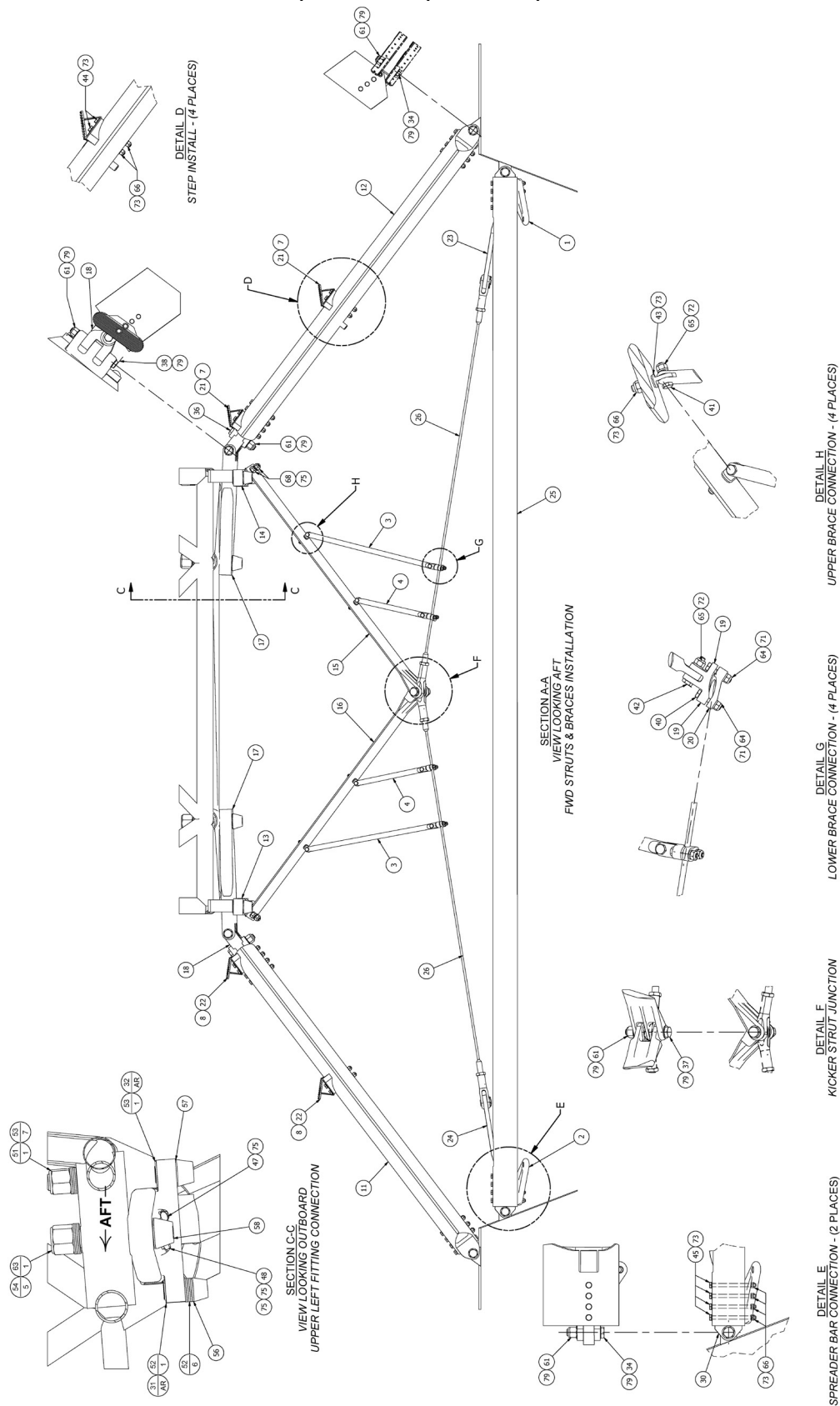


LEFT FLOAT SHOWN (UPSIDE DOWN)

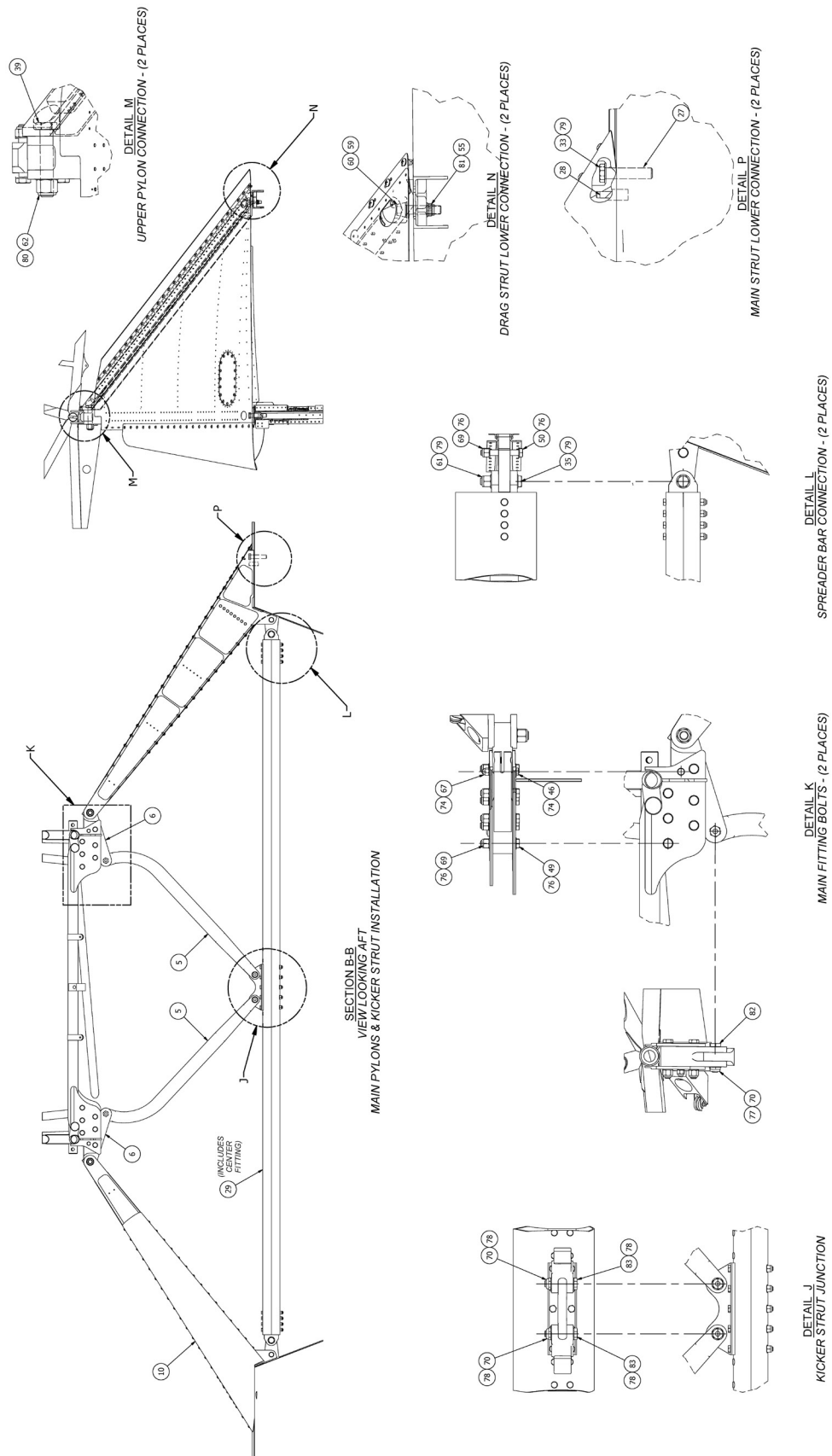
PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	10A01328-002	KEEL - AFTERBODY
2	1	10A01383-047	SISTER KEEL - AFT INBD. ON R/H FLOAT OTBD ON L/H FLOAT
3	1	10A01383-048	SISTER KEEL - AFT INBD. ON L/H FLOAT OTBD ON R/H FLOAT.
4	1	10A01383-049	SISTER KEEL AFT OTBD ON R/H FLOAT INBD ON L/H FLOAT
5	1	10A01383-050	SISTER KEEL AFT OTBD ON L/H FLOAT INBD ON R/H FLOAT
6	1	10A01384-003	GUNWALL LT.
7	1	10A01384-004	GUNWALL RT.
8	1	10A01386-003	CHINE - AFTERBODY LT.
9	1	10A01386-004	CHINE - AFTERBODY RT.
10	1	10A01387-002	END - MAIN KEEL - WATER BOMBER
11	1	10A01387-003	MAIN KEEL - WATER BOMBER
12	1	10A01388-002	WEAR STRIP - WATER BOMBER
13	1	10A01388-003	WEAR STRIP - AFT - WATER BOMBER
14	1	1001703	INNER SISTER KEEL FORWARD LT.
15	1	1001704	INNER SISTER KEEL FORWARD RT.
16	1	1001781	SISTER KEEL OUTSIDE LT.
17	1	1001782	SISTER KEEL OUTSIDE RT.
18	1	1003515	CHINE - FORWARD LT.
19	1	1003516	CHINE - FORWARD RT.

STRUTS, FRONT, REAR, & STEPS



PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION



PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1001763	10000 TOW LUG, LEFT
2	1	1001764	10000 TOW LUG, RIGHT
3	2	1002002	BRACE - LONG - FORWARD - FLYWIRE
4	2	1002003	BRACE - SHORT - FORWARD - FLYWIRE
5	2	1002212	ASSY, KICKER STRUT, AT802
6	2	1002216	ASSY, FITTING, UPPER REAR, AT802
	4	13A02454-002	BUSHING - LIFT STRUT - CENTER
7	2	1008993	SPACER, STEP, LEFT, AT802
8	2	1008994	SPACER, STEP, RIGHT, AT802
9	1	1012302*	ASS'Y. STRUT, MAIN, PYLON, 10000, LH
10	1	1012303*	ASS'Y, STRUT, MAIN, PYLON, 10000, RH
11	1	10A02000-236	ASSEMBLY, STRUT, RIGHT
	1	10A02035-001	FITTING, LOWER, FRONT STRUT
	1	10A02056-016	FITTING - STRUT, UPPER, RH
	1	10A02335-006	STRUT - FRONT - 10000 FLOAT
	1	AN25-52A	BOLT, CLEVIS
	5	AN5-33A	BOLT, 5/16-24, 2.9690 GRIP, UNDRILLED, STEEL
	5	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF
	1	MS21083N5	NUT, LOCKING, LOW HEIGHT, 5/16-24 UNF
	12	NAS1149F0532P	WASHER, 0.328 ID, 0.032 THK, STEEL
12	1	10A02000-237	ASSEMBLY, STRUT, LEFT
	1	10A02035-001	FITTING, LOWER, FRONT STRUT
	1	10A02056-017	FITTING - UPPER, STRUT, LH
	1	10A02335-006	STRUT - FRONT - 10000 FLOAT
	1	AN25-52A	BOLT, CLEVIS
	5	AN5-33A	BOLT, 5/16-24, 2.9690 GRIP, UNDRILLED, STEEL
	5	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF
	1	MS21083N5	NUT, LOCKING, LOW HEIGHT, 5/16-24 UNF
	12	NAS1149F0532P	WASHER, 0.328 ID, 0.032 THK, STEEL
13	1	10A02030-009	MOUNT, KICKER STRUT, UPPER
14	1	10A02030-010	MOUNT, KICKER STRUT, UPPER
15	1	10A02178-001	KICKER STRUT - FWD - LH
16	1	10A02178-002	KICKER STRUT - FWD - RH
17	2	10A02208-003	FITTING - UPPER FWD - FUSELAGE
18	2	10A02208-004	FITTING - UPPER FWD - STRUT
19	4	10A02216-003	CLAMP, UPPER FORWARD FLYWIRE
20	4	10A02216-004	CLAMP, LOWER FORWARD FLYWIRE
21	2	10A02350-021	STEP, FWD, LH, AT802
22	2	10A02350-022	STEP, FWD, RH, AT802
23	1	10A02571-003	FITTING, FRONT DRAG WIRE, LOWER, LH
24	1	10A02571-004	FITTING, FRONT DRAG WIRE, LOWER, RH

ITEM	QTY	PART NO.	PART DESCRIPTION
25	1	10A03335-007	SPREADER BAR, FORWARD
26	2	13A02000-079	ASSEMBLY, FLY WIRE, AN680AC-4838
27	2	13A02458-005	BARREL NUT, LOCKING
28	2	13A02518-003	PIN - MAIN STRUT
29	1	13A03000-020	ASSEMBLY, SPREADER BAR, AFT
	1	13A03000-022	ASS'Y FITTING - REAR SP. BAR - CENTER
	2	13A02454-003	BUSHING - LIFT STRUT - CENTER
	2	1011600	FITTING - REAR SPREADER BAR - ATTACH
	1	13A03335-005	SPREADER BAR - REAR
	1	13A03390-003	SPACER, REAR SPREADER BAR
	8	AN6-34A	BOLT
	18	MS21044N6	NUT
	8	MS90354U10-07	RIVET, HUCK, PROTRUDING HEAD, BLIND FASTENER
	26	NAS1149D0616J	WASHER
	10	AN6-35A	BOLT
30	2	1012547	FITTING FRONT SPEADER BAR
31	8	3088A325	SHIM, .875 ID, 1.375 OD, .010 THK, STEEL
32	8	3088A326	SHIM, 1.0 ID, 1.5 OD, .010 THK, STEEL
33	2	AN10-25A	BOLT, 5/8-18, 1.8125 GRIP, UNDRILLED, STEEL
34	4	AN10-30A	BOLT, 5/8-18, 2.1875 GRIP, UNDRILLED, STEEL
35	2	AN10-31A	BOLT, 5/8-18, 2.3125 GRIP, UNDRILLED, STEEL
36	2	AN10-32A	BOLT, 5/8-18, 2.4375 GRIP, UNDRILLED, STEEL
37	1	AN10-37A	BOLT, 5/8-18, 3.0625 GRIP, UNDRILLED, STEEL
38	2	AN10-65A	BOLT, 5/8-18, 5.8125 GRIP, UNDRILLED, STEEL
39	2	AN12-36A	BOLT, 3/4-16, 2.8125 GRIP, UNDRILLED, STEEL
40	8	AN3-11A	BOLT, 10-32, 0.75 GRIP, UNDRILLED, STEEL
41	4	AN4-10A	BOLT, 1/4-28, 0.5625 GRIP, UNDRILLED, STEEL
42	4	AN4-12A	BOLT, 1/4-28, 0.8125 GRIP, UNDRILLED, STEEL
43	4	AN44-10A	EYE BOLT
44	8	AN5-36A	BOLT, 5/16-24, 3.3125 GRIP, UNDRILLED, STEEL
45	8	AN5-40A	BOLT, 5/16-24, 3.5625 GRIP, UNDRILLED, STEEL
46	2	AN6-27A	BOLT, 3/8-24, 2.3125 GRIP, UNDRILLED, STEEL
47	2	AN7-26A	BOLT, 7/16-20, 2.1875 GRIP, UNDRILLED, STEEL
48	2	AN7-32A	BOLT, 7/16-20, 2.6875 GRIP, UNDRILLED, STEEL
49	12	AN8-30A	BOLT, 1/2-20, 2.3125 GRIP, UNDRILLED, STEEL
50	2	AN8-32A	BOLT, 1/2-20, 2.5625 GRIP, UNDRILLED, STEEL
51	2	MS21044N16	NUT, LOCKING, REGULAR HEIGHT, 3/4-16 UNF
52	16	MS20002-14	WASHER, HIGH STRENGTH, PLAIN, 7/8
53	16	MS20002-16	WASHER, HIGH STRENGTH, PLAIN, 1 IN
54	10	MS20002-18	WASHER, HIGH STRENGTH, PLAIN, 1-1/8
55	2	MS20002-8	WASHER, HIGH STRENGTH, PLAIN, 1/2

PARTS MANUAL

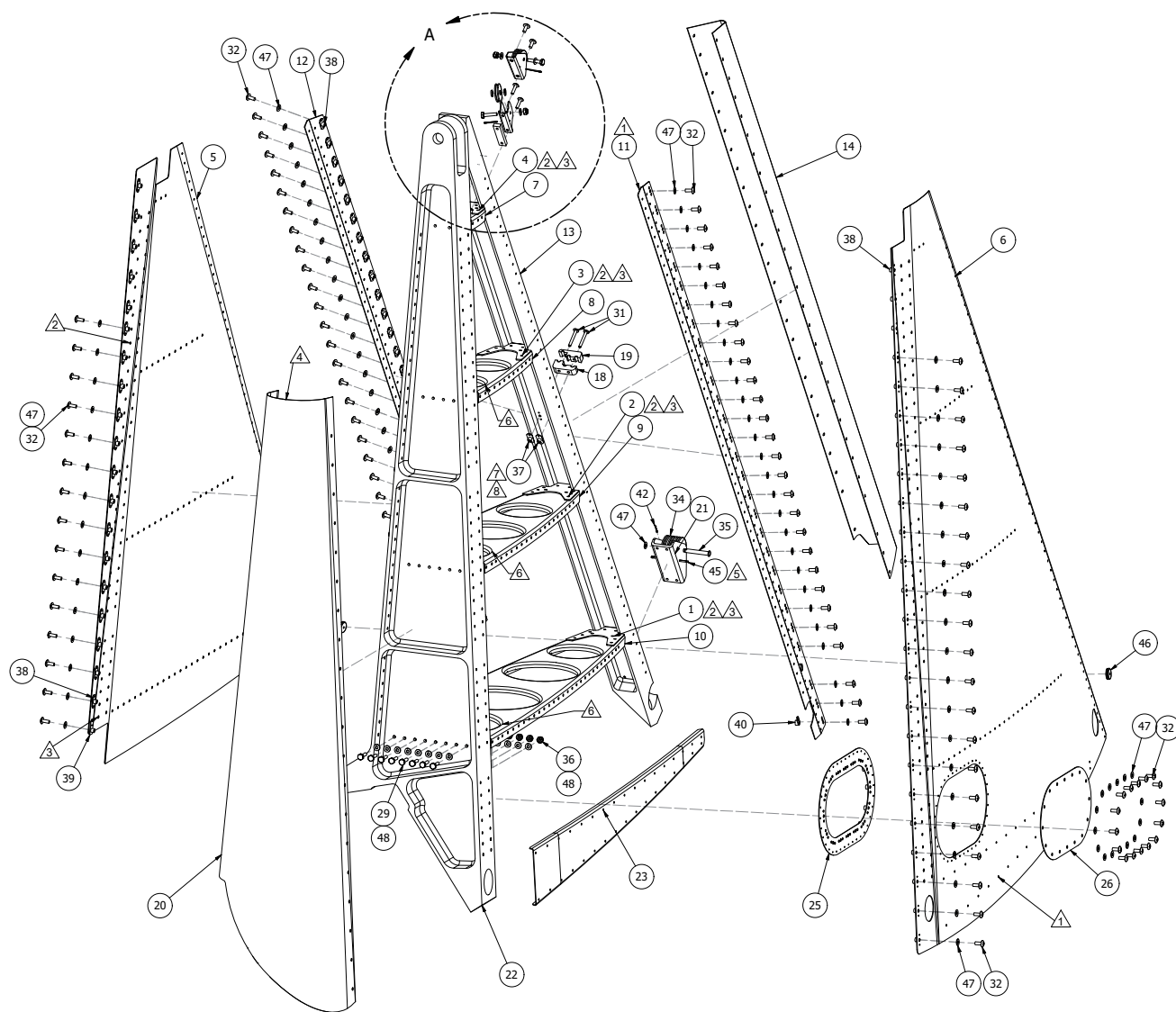
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
56	2	MS20002C14	WASHER, HIGH STRENGTH, COUNTERSINK, 7/8
57	2	MS20002C16	WASHER, HIGH STRENGTH, COUNTERSINK, 1IN
58	2	MS20002C18	WASHER, HIGH STRENGTH, COUNTERSINK, 1-1/8
59	2	MS20002C8	WASHER, HIGH STRENGTH, COUNTERSINK, 1/2
60	2	MS20008-20	BOLT, INTERNAL WRENCHING (FLOAT S/N 10291A AND LATER)
	2	MS20008-15	BOLT, INTERNAL WRENCHING (FLOAT S/N 10290A AND PRIOR)
61	11	MS21044N10	NUT, LOCKING, REGULAR HEIGHT, 5/8-18 UNF
62	2	MS21044N12	NUT, LOCKING, REGULAR HEIGHT, 3/4-16 UNF
63	2	MS20365-1812	NUT, LOCKING, REGULAR HEIGHT, 1-1/8 – 12 UNF
64	8	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
65	8	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
66	20	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF
67	2	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF
68	4	MS21044N7	NUT, LOCKING, REGULAR HEIGHT, 7/16-20 UNF
69	14	MS21044N8	NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF
70	4	MS21083N9	NUT, LOCKING, LOW HEIGHT, 9/16-18 UNF
71	8	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
72	8	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
73	40	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
74	4	NAS1149F0663P	WASHER, 0.39 ID, 0.063 THK, STEEL
75	10	NAS1149F0763P	WASHER, 0.453 ID, 0.063 THK, STEEL
76	28	NAS1149F0863P	WASHER, 0.515 ID, 0.063 THK, STEEL
77	2	NAS1149F0932P	WASHER, 0.578 ID, .032 THK, STEEL
78	4	NAS1149F0963P	WASHER, 0.578 ID, .063 THK, STEEL
79	22	NAS1149F1063P	WASHER, 0.64 ID, 0.063 THK, STEEL
80	2	NAS1149F1232P	WASHER, 0.765 ID, 0.032 THK, STEEL
81	2	NAS1805-8	NUT, 1/2-20, SELF LOCKING, DOUBLE HEX, SST
82	2	NAS6209-26	BOLT, CLOSE TOL, 9/16-18 UNF, 1.625 GRIP, UNDRILLED, STEEL
83	2	NAS6209-31	BOLT, CLOSE TOL, 9/16-18 UNF, 1.938 GRIP, UNDRILLED, STEEL
	2	NAS6209-31D (ALT)	BOLT, CLOSE TOL, 9/16-18 UNF, 1.938 GRIP, DRILLED THREAD, STEEL (MAY BE USED AS ALT, WITHOUT COTTER PIN. ENSURE DRILLED HOLE IS NOT WITHIN THE THREADED AREA OF MATING NUT AND DOES NOT DAMAGE LOCKING FEATURE)

* Original equipment for float serial numbers 10307A & 10308A and later. Full assemblies are backwards compatible. For sub-components of earlier assemblies, see breakdowns of 10A02000-245 and 10A02000-246 on following pages.

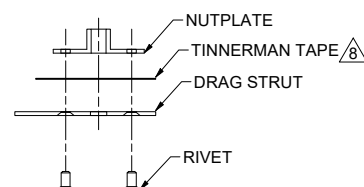
LEFT PYLON ASSEMBLY

FLOAT SERIAL NUMBERS 10307A & 10308A AND LATER*



NOTES:

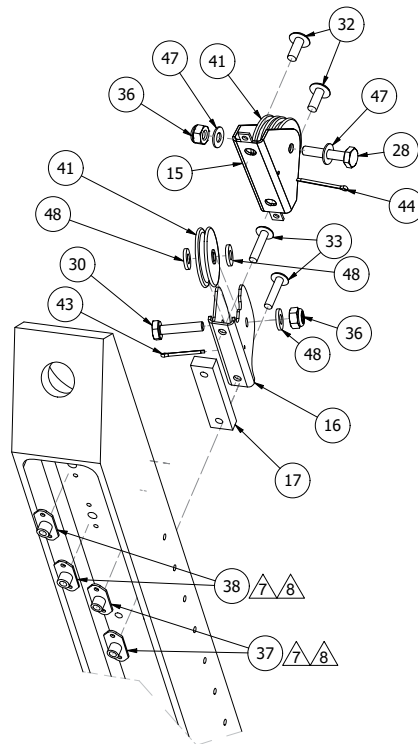
- ▲ USE MS20470-4 RIVETS
- ▲ USE MS20470-5 RIVETS
- ▲ USE MS20470-6 RIVETS
- ▲ USE TRIM TEMPLATE 10A02000-245 TO TRIM TOP OF FAIRING FOR FILL TUBE
- ▲ TRIM CUTTER PIN .25" BOTH SIDES AND BEND OVER FOR CLEARANCE
- ▲ DRILL 5 EXTRA HOLES FOR NUTPLATES USING 10A02000-245 DRILL TOOL ON BOTTOM SKIN (IMAGE IS VISUAL REFERENCE ONLY)
- ▲ INSTALL 52-465-B TO FORWARD LIGHTENING HOLES ON THE 3 BOTTOM RIBS
- ▲ USE MS20426-3 RIVETS
- ▲ INSTALL TINNEMAN TAPE BETWEEN NUTPLATES AND DRAG STRUT



* Full assemblies are backwards compatible. For sub-components of earlier assembly, see breakdown of 10A02000-245 on following pages.

PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION



DETAIL A
SCALE 1 / 2

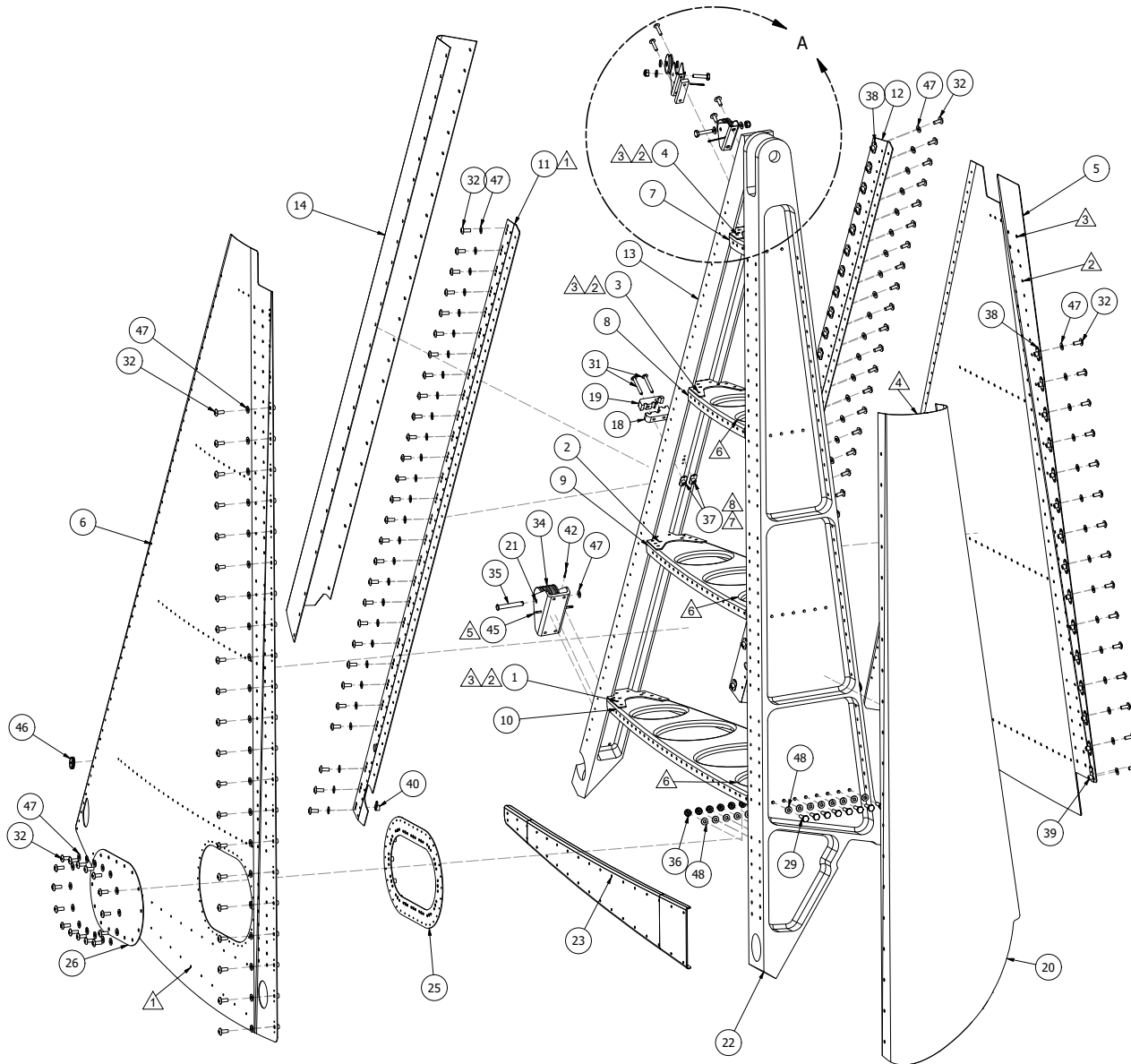
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012302	ASS'Y. STRUT, MAIN, PYLON, 10000, LH
1	1	1012211	GUSSET, #1 RIB, MAIN STRUT
2	1	1012213	GUSSET, #2 RIB, MAIN STRUT
3	1	1012215	GUSSET, #3 RIB, MAIN STRUT
4	1	1012217	GUSSET, #4 RIB, MAIN STRUT
5	1	1012219	BOTTOM SKIN, MAIN STRUT, LH
6	1	1012221	TOP SKIN, MAIN STRUT LH
7	1	1012222	RIB, MAIN STRUT, #4, 10000
8	1	1012226	RIB, MAIN STRUT, #3, 10000
9	1	1012227	RIB, MAIN STRUT, #2, 10000
10	1	1012228	RIB, MAIN STRUT, CENTER #1, 10000
11	1	1012231	STRIP, REAR FAIRING ATTACH, PYLON TOP, LH
12	1	1012233	STRIP, REAR FAIRING ATTACH, PYLON, BOTTOM, LH
13	1	1012235	STRUT, DRAG, LH, 10000/13000
14	1	1012245	FAIRING, MAIN STRUT, TRAILING EDGE, LEFT
15	1	1012246	BRACKET, PULLEY, PYLON, 10000
16	1	1012247	BRACKET, PULLEY, MAIN STRUT
17	1	1012248	SPACER, PULLEY BRACKET, PYLON
18	1	1012249	BLOCK, CABLE GUIDE, BOTTOM
19	1	1012250	BLOCK, CABLE GUIDE, TOP

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
20	1	10A02163-119	LEADING EDGE, LH, PYLON, 10000
21	1	10A02367-004	BRACKET, PULLEY, STRUT
22	1	13A02105-001	MAIN STRUT
23	1	13A02150-109	STIFFENER, MAIN STRUT, LEFT
24	4 FT	52-4652-B	TRIM, SNAP ON
25	1	6A13000-037	ASSEMBLY, DOUBLER, REINFORCEMENT, ACCESS COVER
26	1	6A13002-218	COVER
27	1	9903-10-36	TINNERMAN TAPE, 1/2" X .005ML
28	1	AN3-10A	BOLT, 10-32, 0.625 GRIP, UNDRILLED, STEEL
29	8	AN3-6A	BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL
30	1	AN3-7A	BOLT, 10-32, 0.5 GRIP, UNDRILLED, STEEL
31	2	AN525-832R22	SCREW, 8-32 THREAD, 31/32" GRIP, 1-3/8" LENGTH
32	108	AN525-10R8	SCREW, 10-32 THREAD, 1/8" GRIP, 1/2" LENGTH
33	2	AN525-832R12	SCREW, 8-32 THREAD, 11/32" GRIP, 3/4" LENGTH
34	3	MS20219-2	PULLEY
35	1	MS20392-3C51	CLEVIS PIN
36	10	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
37	4	MS21047L08	NUTPLATE, TWO LUG, 8-32 THREAD, LOW HEIGHT
38	98	MS21059L3	NUT PLATE, FLOATING, STEEL, PLAIN, 10-32
39	1	MS21061L3	NUT PLATE
40	1	MS21071L3	NUT PLATE
41	1	MS24566-1B	PULLEY, CONTROL, ANTI-FRICTION BEARING
42	3	MS24665-132	COTTER PIN
43	1	MS24665-134	COTTER PIN
44	1	MS24665-136	COTTER PIN
45	1	MS24665-294	COTTER PIN
46	2	MS35489-2	GROMMET, RUBBER
47	109	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
48	19	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL

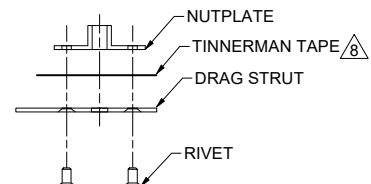
RIGHT PYLON ASSEMBLY

FLOAT SERIAL NUMBERS 10307A & 10308A AND LATER*



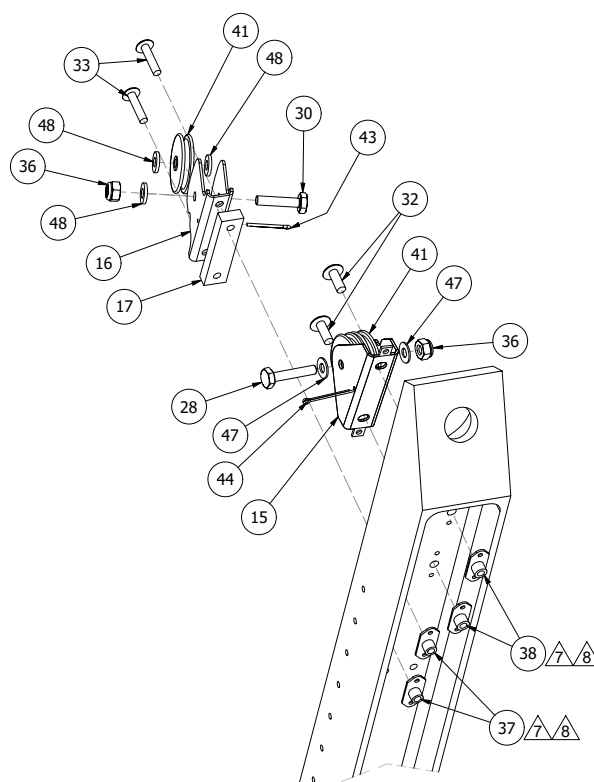
NOTES:

- 1 USE MS20470-4 RIVETS
- 2 USE MS20470-5 RIVETS
- 3 USE MS20470-6 RIVETS
- 4 USE TRIM TEMPLATE 10A02000-245 TO TRIM TOP OF FAIRING FOR FILL TUBE
- 5 TRIM COTTER PIN .25" BOTH SIDES AND BEND OVER FOR CLEARANCE
- 6 DRILL 5 EXTRA HOLES FOR NUTPLATES USING 10A02000-245_DRILL TOOL ON BOTTOM SKIN (IMAGE IS VISUAL REFERENCE ONLY)
- 7 INSTALL 52-465-B TO FORWARD LIGHTENING HOLES ON THE 3 BOTTOM RIBS
- 8 USE MS20426-3 RIVETS
- 9 INSTALL TINNEMAN TAPE BETWEEN NUTPLATES AND DRAG STRUT



* Full assemblies are backwards compatible. For sub-components of earlier assembly, see breakdown of 10A02000-246 on following pages.

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION



DETAIL A
SCALE 1/2

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012303	ASS'Y, STRUT, MAIN, PYLON, 10000, RH
1	1	1012211	GUSSET, #1 RIB, MAIN STRUT
2	1	1012213	GUSSET, #2 RIB, MAIN STRUT
3	1	1012215	GUSSET, #3 RIB, MAIN STRUT
4	1	1012217	GUSSET, #4 RIB, MAIN STRUT
5	1	1012218	BOTTOM SKIN, MAIN STRUT, RH
6	1	1012220	TOP SKIN, MAIN STRUT, RH
7	1	1012222	RIB, MAIN STRUT, #4, 10000
8	1	1012226	RIB, MAIN STRUT, #3, 10000
9	1	1012227	RIB, MAIN STRUT, #2, 10000
10	1	1012228	RIB, MAIN STRUT, CENTER #1, 10000
11	1	1012230	STRIP, REAR FAIRING ATTACH, PYLON TOP, RH
12	1	1012232	STRIP, REAR FAIRING ATTACH, PYLON, BOTTOM, RH
13	1	1012234	STRUT, DRAG, RH, 10000/13000
14	1	1012244	FAIRING, MAIN STRUT, TRAILING EDGE, RIGHT
15	1	1012246	BRACKET, PULLEY, PYLON, 10000
16	1	1012247	BRACKET, PULLEY, MAIN STRUT
17	1	1012248	SPACER, PULLEY BRACKET, PYLON
18	1	1012249	BLOCK, CABLE GUIDE, BOTTOM
19	1	1012250	BLOCK, CABLE GUIDE, TOP

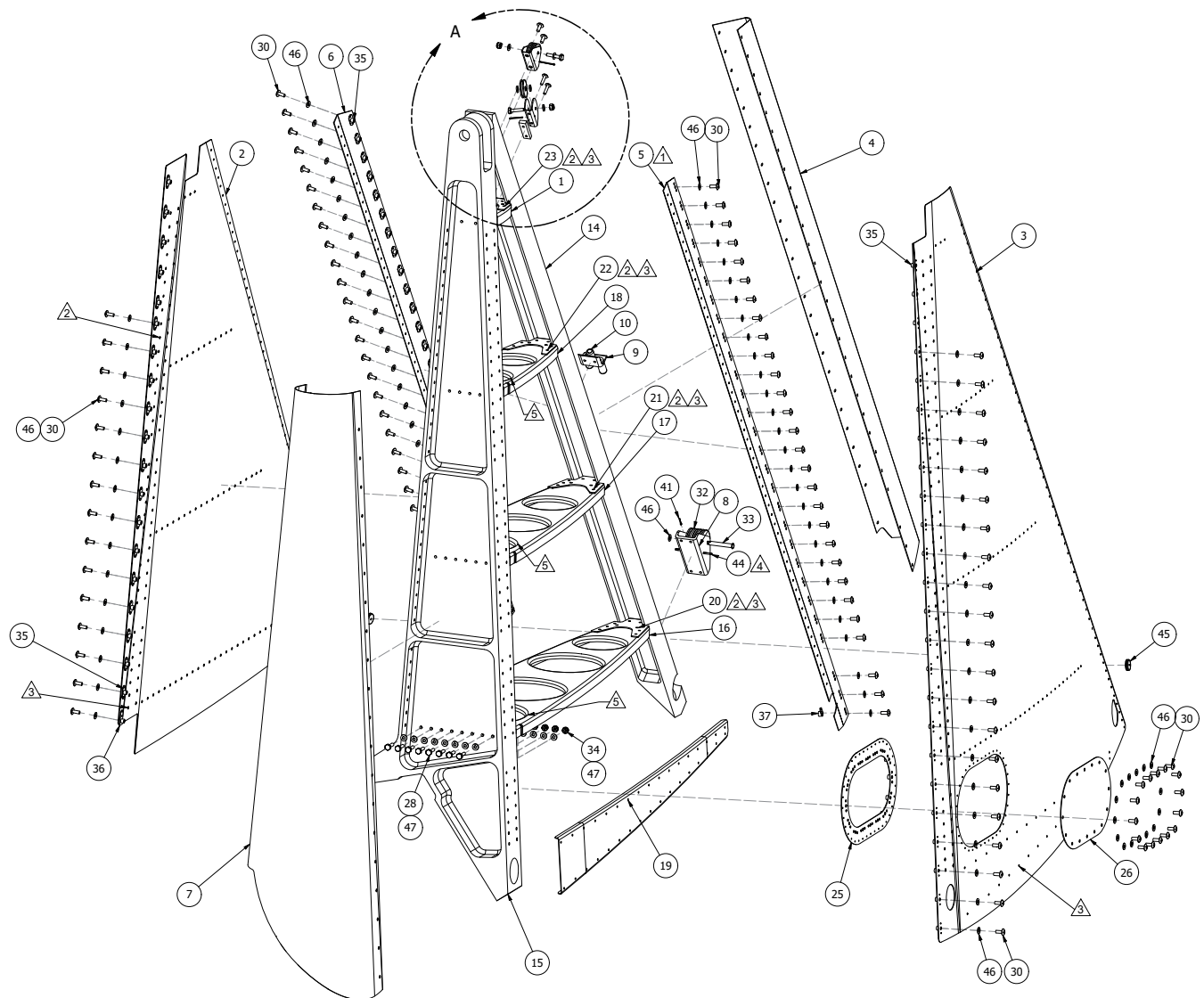
PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
20	1	10A02163-120	LEADING EDGE, RH, PYLON, 10000
21	1	10A02367-004	BRACKET, PULLEY, STRUT
22	1	13A02105-001	MAIN STRUT
23	1	13A02150-090	STIFFENER, MAIN STRUT, RIGHT
24	4 FT	52-4652-B	TRIM, SNAP ON
25	1	6A13000-037	ASSEMBLY, DOUBLER, REINFORCEMENT, ACCESS COVER
26	1	6A13002-218	COVER
27	1	9903-10-36	TINNERMAN TAPE, 1/2" X .005ML
28	1	AN3-10A	BOLT, 10-32, 0.625 GRIP, UNDRILLED, STEEL
29	8	AN3-6A	BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL
30	1	AN3-7A	BOLT, 10-32, 0.5 GRIP, UNDRILLED, STEEL
31	2	AN525-832R22	SCREW, 8-32 THREAD, 31/32" GRIP, 1-3/8" LENGTH
32	108	AN525-10R8	SCREW, 10-32 THREAD, 1/8" GRIP, 1/2" LENGTH
33	2	AN525-832R12	SCREW, 8-32 THREAD, 11/32" GRIP, 3/4" LENGTH
34	3	MS20219-2	PULLEY
35	1	MS20392-3C51	CLEVIS PIN
36	10	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
37	4	MS21047L08	NUTPLATE, TWO LUG, 8-32 THREAD, LOW HEIGHT
38	91	MS21059L3	NUT PLATE, FLOATING, STEEL, PLAIN, 10-32
39	1	MS21061L3	NUT PLATE
40	1	MS21071L3	NUT PLATE
41	3	MS24566-1B	PULLEY, CONTROL, ANTI-FRICTION BEARING
42	1	MS24665-132	COTTER PIN
43	1	MS24665-134	COTTER PIN
44	1	MS24665-136	COTTER PIN
45	1	MS24665-294	COTTER PIN
46	2	MS35489-2	GROMMET, RUBBER
47	109	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
48	19	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL

LEFT PYLON ASSEMBLY

FLOAT SERIAL NUMBERS 10305A & 10306A AND PRIOR

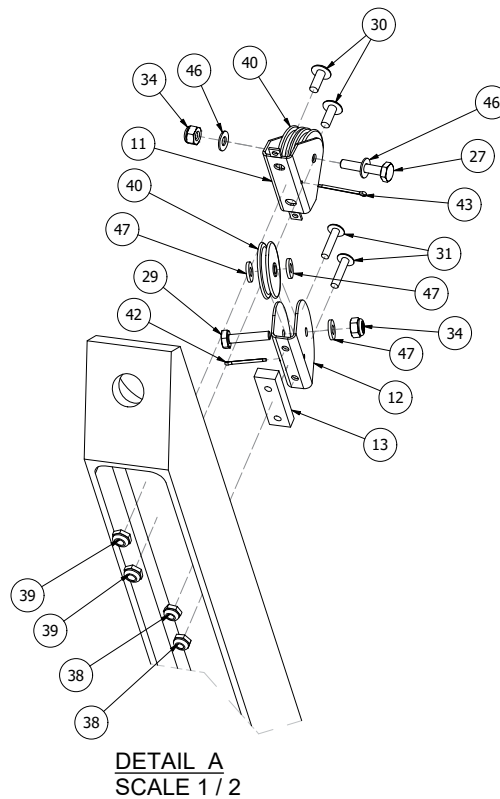


NOTES:

- ① USE MS20470-4 RIVETS
- ② USE MS20470-5 RIVETS
- ③ USE MS20470-6 RIVETS
- ④ TRIM COTTER PIN .25" BOTH SIDES AND BEND OVER FOR CLEARANCE.
- ⑤ INSTALL 52-4652-B TO FORWARD LIGHTENING HOLES ON THE 3 BOTTOM RIBS.

PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION



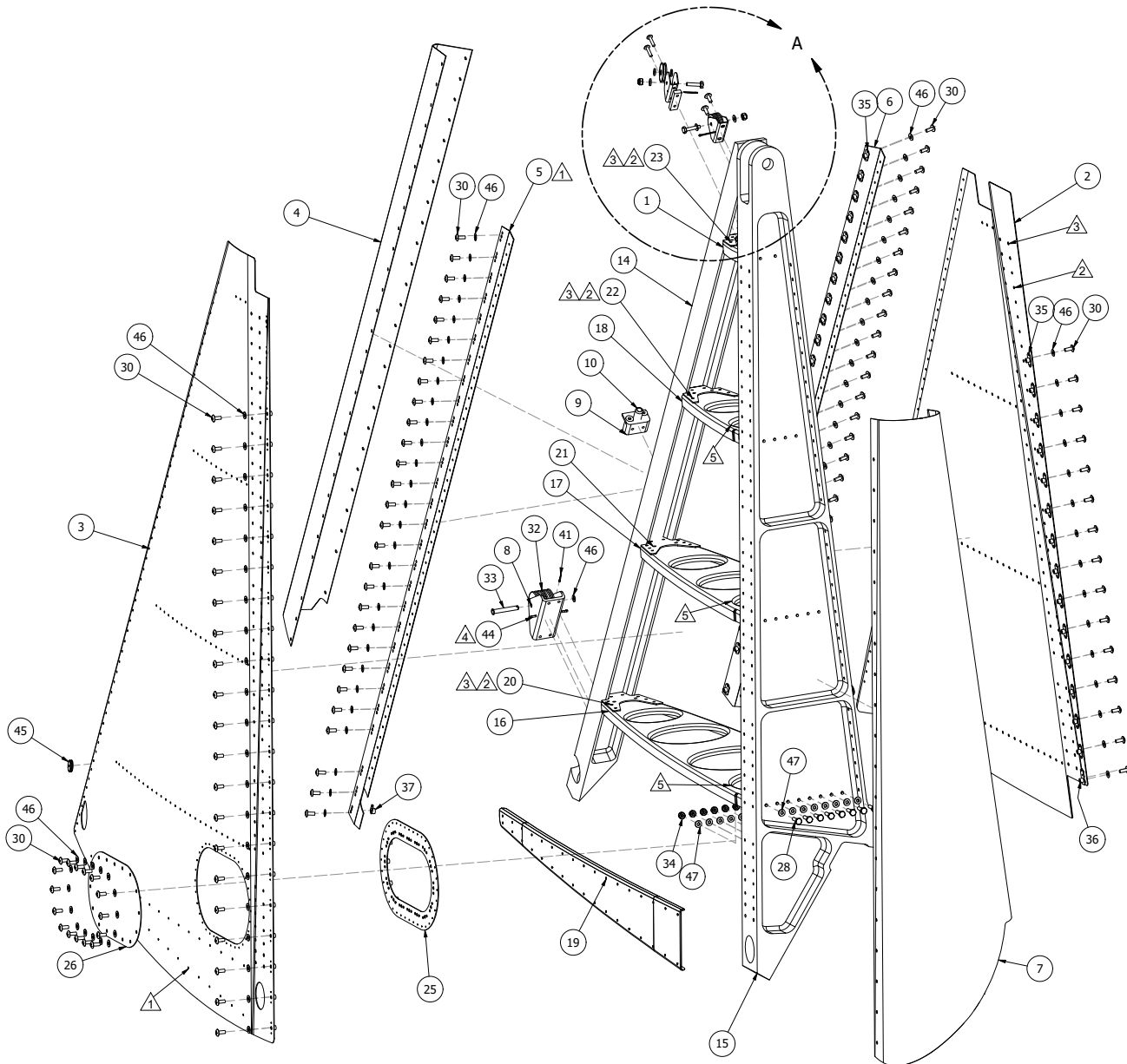
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	10A02000-245	ASS'Y. MAIN STRUT, PYLON, LEFT
1	1	1009314	RIB, MAIN STRUT, #4
2	1	10A02150-183	BOTTOM SKIN, MAIN STRUT, LH
3	1	10A02150-185	TOP SKIN, MAIN STRUT LH
4	1	10A02150-193	FAIRING, MAIN STRUT, TRAILING EDGE, LEFT
5	1	10A02150-195	STRIP, REAR FAIRING ATTACH, PYLON TOP, LH
6	1	10A02150-197	STRIP, REAR FAIRING ATTACH, PYLON, BOTTOM, LH
7	1	10A02163-119	LEADING EDGE, LH, PYLON, 10000
8	1	10A02367-004	BRACKET, PULLEY, STRUT
9	1	10A08427-032	BRACKET, CABLE GUIDE
10	3	10A08605-003	GUIDE - CABLE
11	1	10A12162-071	BRACKET - PULLEY - UPPER REAR STRUT
12	1	10A12162-072	PULLEY BRACKET, MAIN STRUT
13	1	10A12200-009	SPACER - PULLEY BRACKET
14	1	13A02073-003	STRUT, DRAG, LH
15	1	13A02105-001	MAIN STRUT
16	1	13A02150-084	RIB, MAIN STRUT, CENTER #1
17	1	13A02150-085	RIB, MAIN STRUT, #2
18	1	13A02150-086	RIB, MAIN STRUT, #3
19	1	13A02150-109	STIFFENER, MAIN STRUT, LEFT

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
20	1	13A02163-018	GUSSET-#1 RIB, MAIN STRUT, AT802
21	1	13A02163-019	GUSSET, #2 RIB, MAIN STRUT
22	1	13A02163-020	GUSSET, #3 RIB, MAIN STRUT
23	1	13A02163-021	GUSSET, #4 RIB, MAIN STRUT
24	4 FT	52-4652-B	TRIM, SNAP ON
25	1	6A13000-037	ASSEMBLY, DOUBLER, REINFORCEMENT, ACCESS COVER
26	1	6A13002-218	COVER
27	1	AN3-10A	BOLT, 10-32, 0.625 GRIP, UNDRILLED, STEEL
28	8	AN3-6A	BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL
29	1	AN3-7A	BOLT, 10-32, 0.5 GRIP, UNDRILLED, STEEL
30	108	AN526-1032R8	SCREW, TRUSS HEAD, NON STRUCTURAL, CAD 1, STEEL
31	2	AN526-832R12	SCREW, NON STRUCTURAL, CAD 1, 8-32 3/4 CADMIUM
32	3	MS20219-2	PULLEY
33	1	MS20392-3C51	CLEVIS PIN
34	10	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
35	96	MS21059L3	NUT PLATE, FLOATING, STEEL, PLAIN, 10-32
36	1	MS21061L3	NUT PLATE
37	1	MS21071L3	NUT PLATE
38	2	MS21083N08	NUT, LOCKING, LOW HEIGHT, 8-32 UNC
39	2	MS21083N3	NUT, LOCKING, LOW HEIGHT, 10-32 UNF
40	3	MS24566-1B	PULLEY, CONTROL, ANTI-FRICTION BEARING
41	1	MS24665-132	COTTER PIN
42	1	MS24665-134	COTTER PIN
43	1	MS24665-136	COTTER PIN
44	1	MS24665-294	COTTER PIN
45	2	MS35489-2	GROMMET, RUBBER
46	109	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
47	19	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL

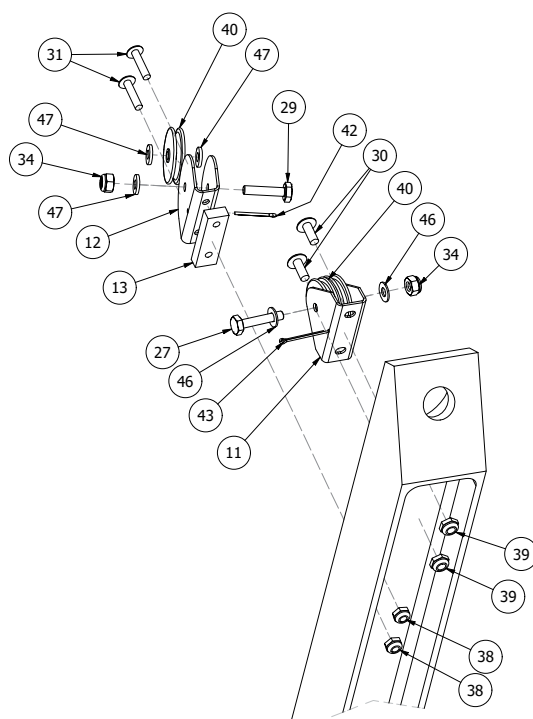
RIGHT PYLON ASSEMBLY

FLOAT SERIAL NUMBERS 10305A & 10306A AND PRIOR



- NOTES:
- ▲ USE MS20470-4 RIVETS
 - ▲ USE MS20470-5 RIVETS
 - ▲ USE MS20470-6 RIVETS
 - ▲ TRIM COTTER PIN .25" BOTH SIDES AND BEND OVER FOR CLEARANCE.
 - ▲ INSTALL 52-4652-B TO FORWARD LIGHTENING HOLES ON THE 3 BOTTOM RIBS.

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION



DETAIL A
SCALE 1 / 2

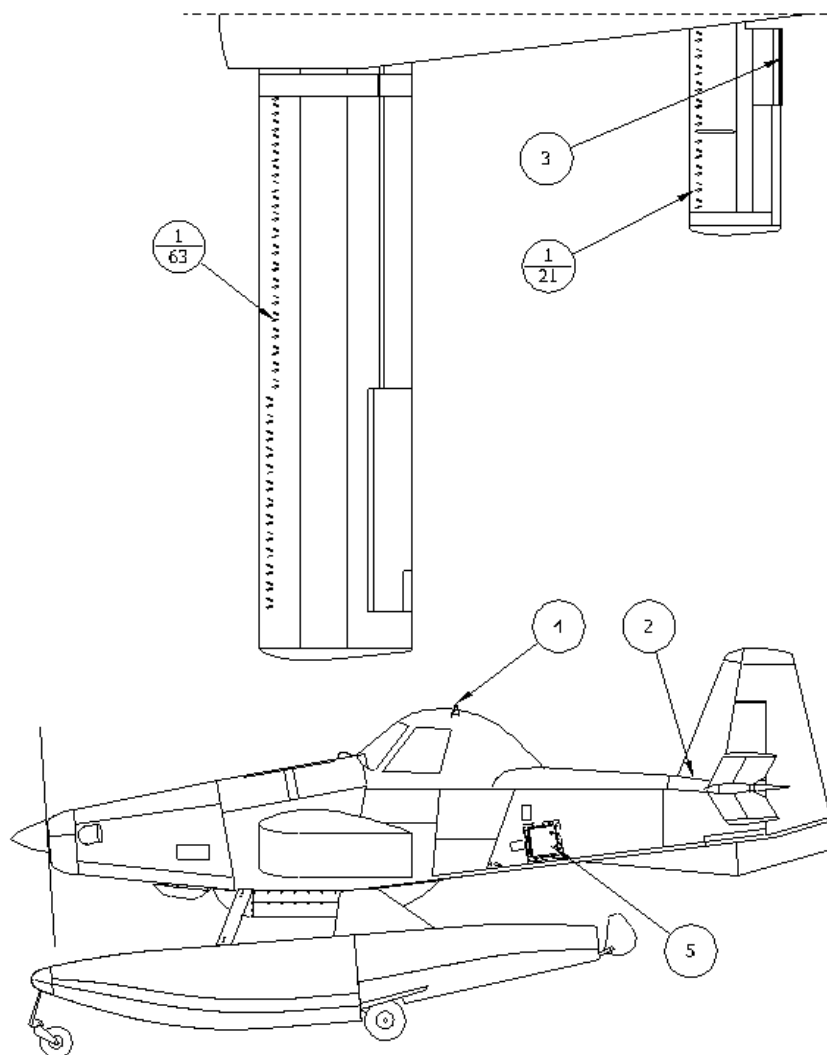
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	10A02000-246	ASS'Y, MAIN STRUT, PYLON, RIGHT
1	1	1009314	RIB, MAIN STRUT, #4
2	1	10A02150-182	BOTTOM SKIN, MAIN STRUT, RH
3	1	10A02150-184	TOP SKIN, MAIN STRUT, RH
4	1	10A02150-192	FAIRING, MAIN STRUT, TRAILING EDGE, RIGHT
5	1	10A02150-194	STRIP, REAR FAIRING ATTACH, PYLON TOP, RH
6	1	10A02150-196	STRIP, REAR FAIRING ATTACH, PYLON, BOTTOM, RH
7	1	10A02163-120	LEADING EDGE, RH, PYLON, 10000
8	1	10A02367-004	BRACKET, PULLEY, STRUT
9	1	10A08427-032	BRACKET, CABLE GUIDE
10	3	10A08605-003	GUIDE - CABLE
11	1	10A12162-071	BRACKET - PULLEY - UPPER REAR STRUT
12	1	10A12162-072	PULLEY BRACKET, MAIN STRUT
13	1	10A12200-009	SPACER - PULLEY BRACKET
14	1	13A02073-002	STRUT, DRAG, RH
15	1	13A02105-001	MAIN STRUT
16	1	13A02150-084	RIB, MAIN STRUT, CENTER #1
17	1	13A02150-085	RIB, MAIN STRUT, #2
18	1	13A02150-086	RIB, MAIN STRUT, #3
19	1	13A02150-090	STIFFENER, MAIN STRUT, RIGHT

PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

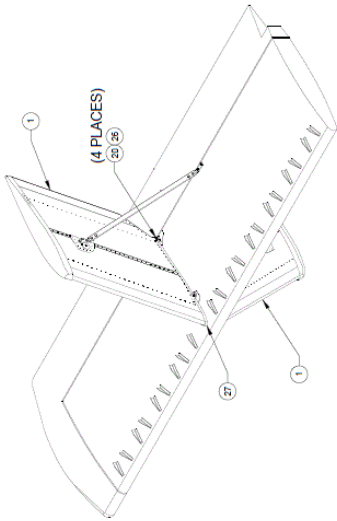
ITEM	QTY	PART NO.	PART DESCRIPTION
20	1	13A02163-018	GUSSET-#1 RIB, MAIN STRUT, AT802
21	1	13A02163-019	GUSSET, #2 RIB, MAIN STRUT
22	1	13A02163-020	GUSSET, #3 RIB, MAIN STRUT
23	1	13A02163-021	GUSSET, #4 RIB, MAIN STRUT
24	4 FT	52-4652-B	TRIM, SNAP ON
25	1	6A13000-037	ASSEMBLY, DOUBLER, REINFORCEMENT, ACCESS COVER
26	1	6A13002-218	COVER
27	1	AN3-10A	BOLT, 10-32, 0.625 GRIP, UNDRILLED, STEEL
28	8	AN3-6A	BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL
29	1	AN3-7A	BOLT, 10-32, 0.5 GRIP, UNDRILLED, STEEL
30	108	AN526-1032R8	SCREW, TRUSS HEAD, NON STRUCTURAL, CAD 1, STEEL
31	2	AN526-832R12	SCREW, NON STRUCTURAL, CAD 1, 8-32 3/4 CADMIUM
32	3	MS20219-2	PULLEY
33	1	MS20392-3C51	CLEVIS PIN
34	10	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
35	91	MS21059L3	NUT PLATE, FLOATING, STEEL, PLAIN, 10-32
36	1	MS21061L3	NUT PLATE
37	1	MS21071L3	NUT PLATE
38	2	MS21083N08	NUT, LOCKING, LOW HEIGHT, 8-32 UNC
39	2	MS21083N3	NUT, LOCKING, LOW HEIGHT, 10-32 UNF
40	3	MS24566-1B	PULLEY, CONTROL, ANTI-FRICTION BEARING
41	1	MS24665-132	COTTER PIN
42	1	MS24665-134	COTTER PIN
43	1	MS24665-136	COTTER PIN
44	1	MS24665-294	COTTER PIN
45	2	MS35489-2	GROMMET, RUBBER
46	109	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
47	19	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL

INSTALL FUSELAGE ITEMS

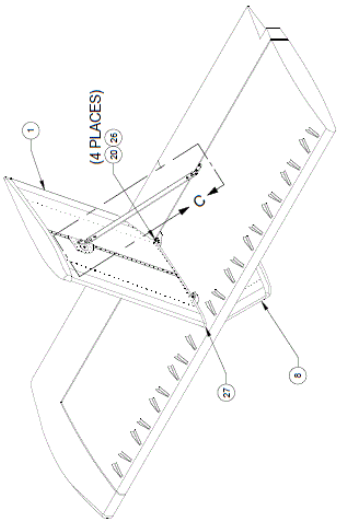


ITEM	QTY	PART NO.	PART DESCRIPTION
1	A/R	1012506	VORTEX GENERATOR, WING INBOARD (SINGLE SEAT QTY 74, DUAL SEAT QTY 93)
	A/R	1012507	VORTEX GENERATOR, WING OUTBOARD & TAIL (SINGLE SEAT QTY 94, DUAL SEAT QTY 88)
2	4 FT	1-796	Y CHANNEL, RUBBER
	4 FT	S2145-1	CHANNEL, RUBBER, 5/8"
3	2	10A12150-190	EXTENSION, ELEVATOR SERVO TAB
4	2	10A16447-009	(SINGLE SEAT) BRACKET, LIFT
	1	10A16447-010	(2 SEATER) BRACKET - LIFT POINT - FUS.
	8	AN4-6A	BOLT, 1/4-28, 0.3125 GRIP, UNDRILLED, STEEL
	8	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
	8	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
5	1	1002075	ASSEMBLY ACCESS DOOR, HYD PUMP
	1	1002061	FRAME, ACCESS DOOR

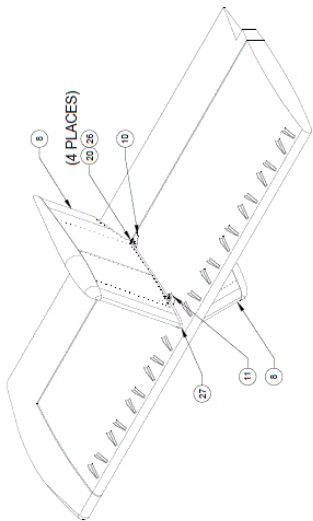
AUXILIARY FIN



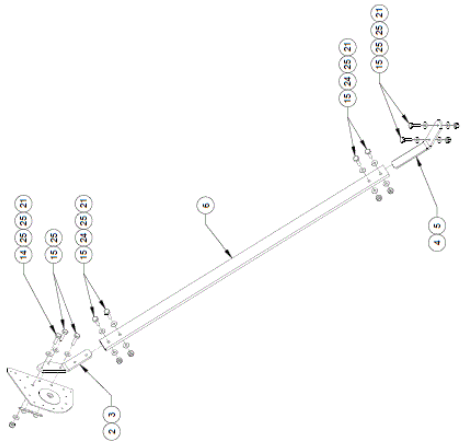
KIT -03
RIGHT HORIZONTAL STABILIZER
LEFT OPPOSITE



KIT -02
RIGHT HORIZONTAL STABILIZER
LEFT OPPOSITE



KIT -01
RIGHT HORIZONTAL STABILIZER
LEFT OPPOSITE



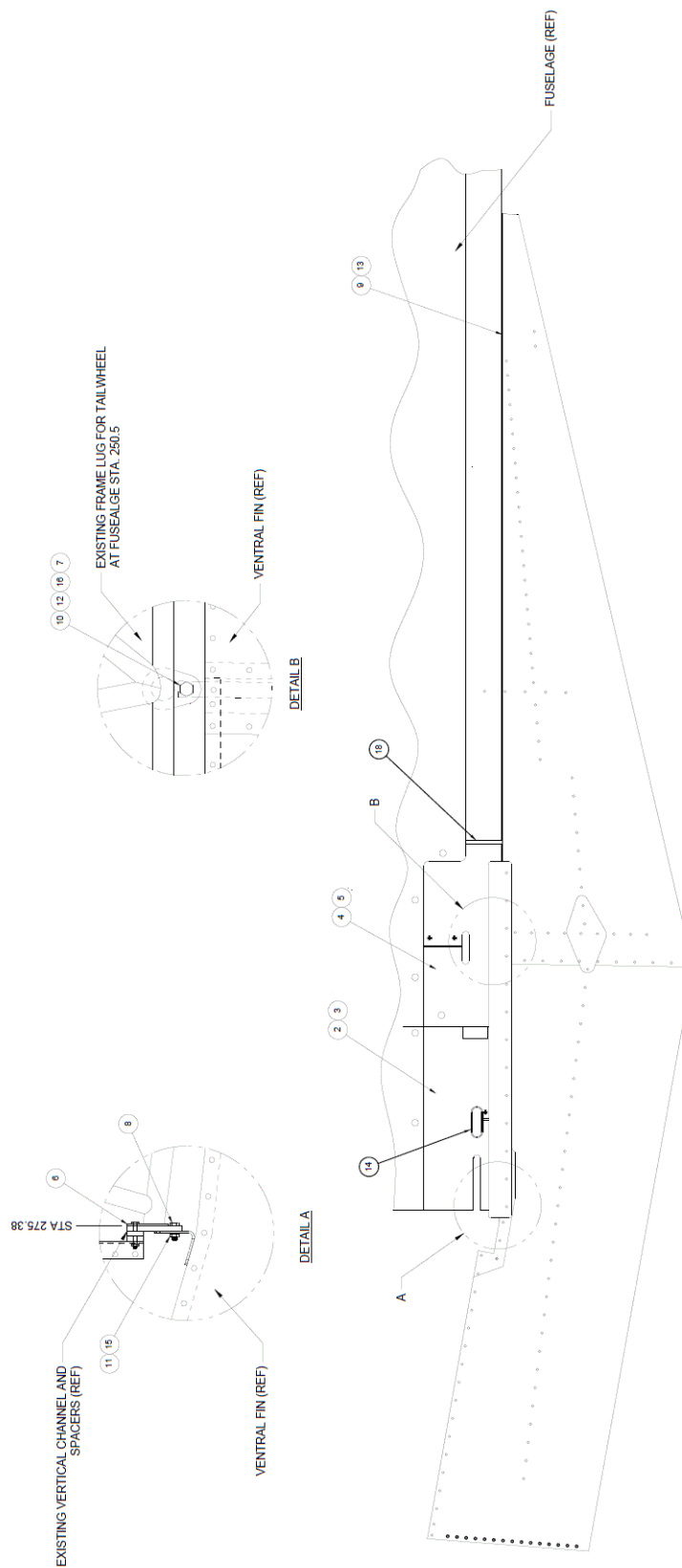
KIT DESCRIPTIONS	
-01	AT802A UP TO 1350 HP
-02	AT802A PT6A-67F AT 1600 HP
-03	AT802 PT6A-67F AT 1600 HP

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	4	1003204	FINLET ASSEMBLY (TALL FINLETS)
2	2	1006731	FITTING, STRUT, UP RIGHT OR LOW LEFT
3	2	1006732	FITTING, STRUT, UP LEFT OR LOW RIGHT
4	2	1006739	FITTING, HORIZ, ALT (WITHOUT HOLES), TOP R/H, BOTTOM L/H
5	2	1006740	FITTING, HORIZ, ALT (WITHOUT HOLES), TOP L/H, BOTTOM R/H
6	4	1006741	STRUT, SUPPORT, LONG FINLET, AIR TRACTOR
7	1	1-796	Y CHANNEL, RUBBER
8	4	10A12000-071	FINLET ASSEMBLY, AT-802
9	8	10A12001-074	STRAP, SPAR (NOT SHOWN)
10	4	10A12005-412	DOUBLER, AFT FINLET
11	4	10A12005-413	COVER, FORWARD SLOT
12	2	10A12160-045	FINLET, ACCESS COVER (NOT SHOWN)
13	1	1300L-5-OZ	CEMENT ADHESIVE, 5 OZ, 3M
14	4	AN3-5A	BOLT SIZE 10-32, LENGTH +/- 1/64 - 21/32, GRIP LENGTH 1/4
15	32	AN3-6A	BOLT SIZE 10-32, LENGTH +/- 1/64 - 25/32, GRIP LENGTH 3/8
16	52	AN526-632R4	SCREW, 6-32 (NOT SHOWN)
17	10	CR3212-4-7	RIVET, CHERRY MAX, 1/8" DIA.
18	58	CR3213-4-1	RIVET, CHERRY MAX, 1/8" DIA. (NOT SHOWN)
19	4	CR3213-4-7	RIVET, CHERRY MAX, 1/8" DIA.
20	16	MS20002C4	WASHER, HIGH STRENGTH, TO FIT DIA 1/4", COUNTERSUNK
21	28	MS21044N3	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 10-32
22	2	MS21051L4	NUTPLATE, ONE LUG, 1/4-28 THREAD
23	16	MS21075L4N	NUTPLATE, TWO LUG, 1/4-28 THREAD, LOW HEIGHT
24	16	NAS1149F0332P	WASHER FLAT, SCREW SIZE #10 OD.438 ID.203 THK.032
25	48	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
26	16	NAS624-8	BOLT, 12 POINT, EXTERNAL WRENCHING
27	20	S2145-1	CHANNEL, RUBBER, 5/8"

*Quantities can vary by kit number. Contact Wipaire Customer Service for details and reference Wipaire Drawing 7D1-4399.

VENTRAL FIN

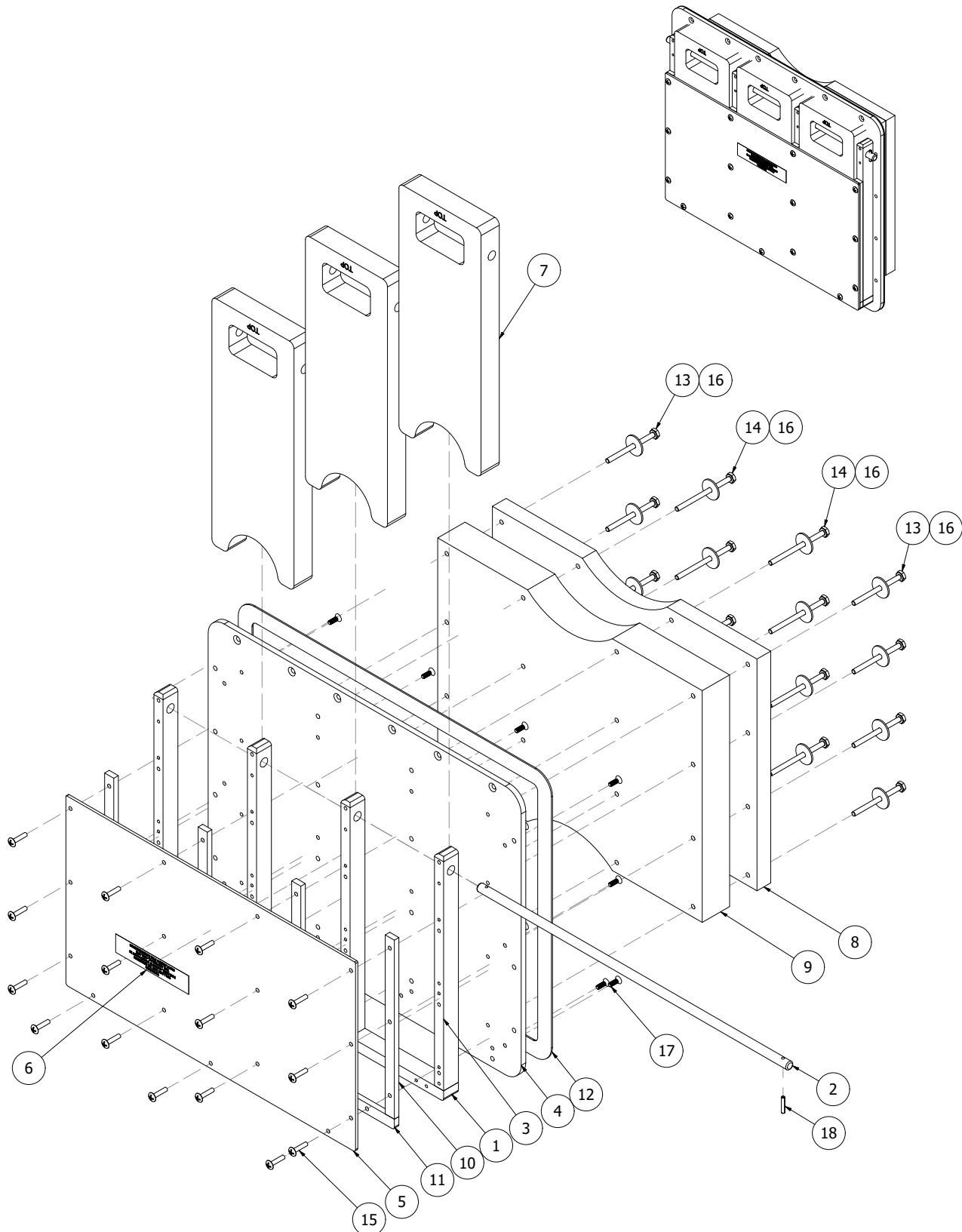


PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	10A12000-058	ASSEMBLY, VENTRAL FIN, AT802
2	1	10A12000-072	ASSY, FAIRING, RH, AFT, VENTRAL FIN, AT802
3	1	10A12000-073	ASSY, FAIRING, LH, AFT, VENTRAL FIN, AT802
4	1	10A12000-074	ASSY, FAIRING, RH, FWD, TAIL, AT802
5	1	10A12000-075	ASSY, FAIRING, LH, FWD, TAIL, AT802
6	1	10A12234-004	MOUNT, VENTRAL FIN, AFT
7	2	NAS77-6-045	BUSHING, FLANGED, 1/2 OD X 3/8 ID X 0.45 LG
8	1	AN4-7A	BOLT, 1/4-28, 0.4375 GRIP, UNDRILLED, STEEL
9	55	AN526C-1032R8	SCREW
10	1	AN6-32A	BOLT, 3/8-24, 2.6875 GRIP, UNDRILLED, STEEL
11	1	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
12	1	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF
13	22	MS21047L3	NUT PLATE, FIXED, STEEL, PLAIN, 10-32
14	2	MS21266-1N	GROMMET EDGING, 1 FT
15	1	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
16	1	NAS1149F0663P	WASHER, 0.39 ID, 0.063 THK, STEEL
17	18 FT	PM-T1	TAPE, LEADING EDGE, 1" X 100FT
18	2 FT	S2145-1	CHANNEL, RUBBER. 5/8"

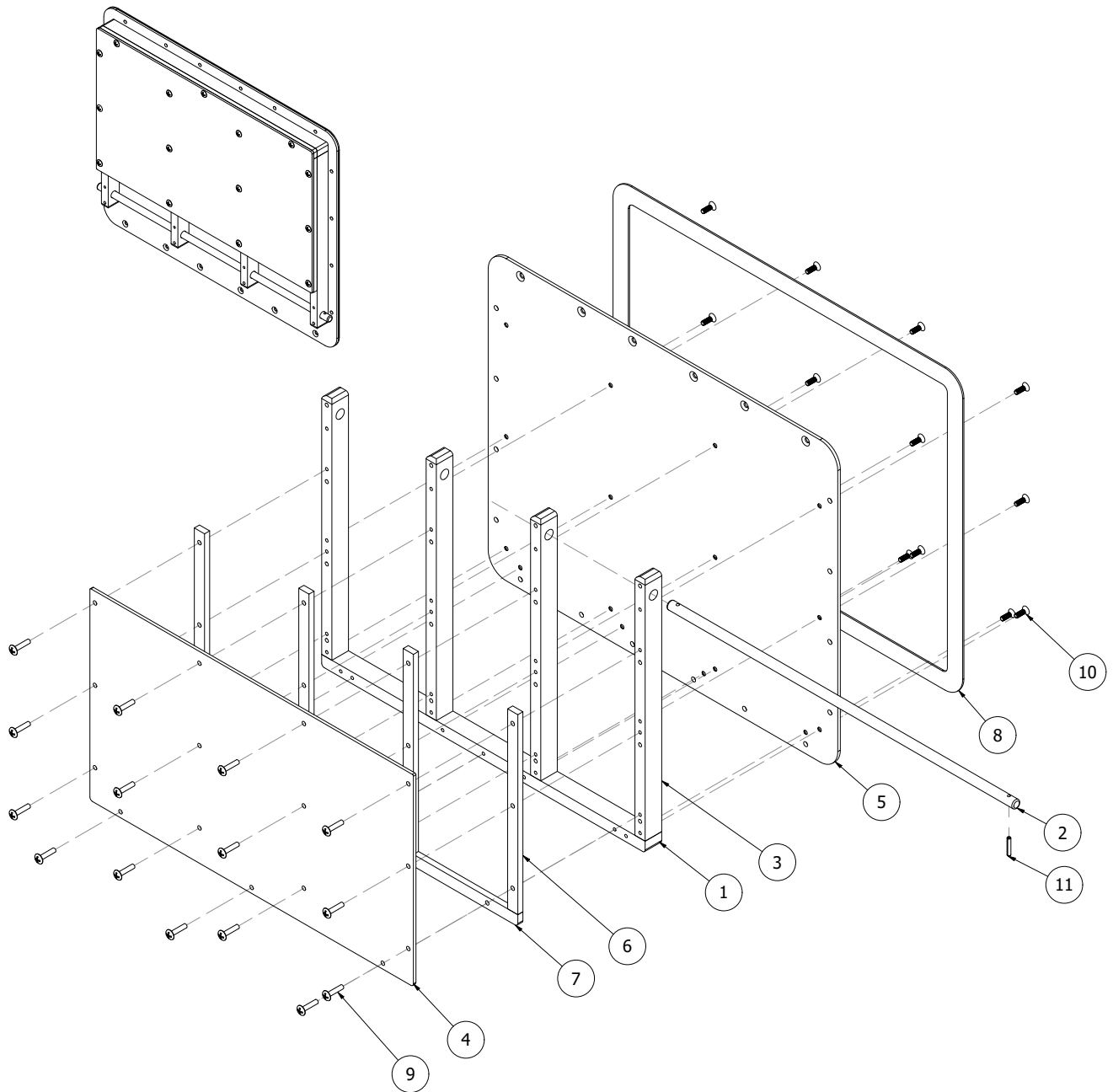
ASSEMBLY, BALLAST, STEEL WEIGHTS, FWD



PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012703	ASSEMBLY, BALLAST, STEEL WEIGHTS, FWD
1	1	1003326	BALLAST - BACK RIB
2	1	1003327	RETAINING ROD, BALLAST
3	4	1003328	BALLAST RIB
4	1	1003329	ACCESS COVER, BALLAST
5	1	1003330	TOP PLATE, BALLAST
6	1	1011857	PLACARD- BALLAST INSTALL
7	3	1012696	BALLAST PLATE, REMOVABLE, STEEL
8	1	1012697	BALLAST PLATE, FIXED, .75", STEEL
9	1	1012699	BALLAST PLATE, FIXED, 1-1/2", STEEL
10	4	1012700	SPACER, BALLAST RIB
11	1	1012701	SPACER, BALLAST, RIB, BACK
12	1	13A01567-010	COVER SEAL, 13.69" X 17.16"
13	8	AN3-24A	BOLT, 10-32, 2.125 GRIP, UNDRILLED, STEEL
14	8	AN3-27A	BOLT, 10-32, 2.5 GRIP, UNDRILLED, STEEL
15	15	AN526-832R12	SCREW, MACHINE, TRUSS HEAD
16	16	AN970-3	WASHER, .203 ID, .875 OD, .063 THK
17	16	MS51959-45	SCREW, FLAT HEAD, 1/2", SS
18	1	NAS561P4-12	SPRING PIN, SLOTTED, .125 DIA, .750 LONG

ASSEMBLY, BALLAST, STEEL WEIGHTS, AFT



PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012702	ASSEMBLY, BALLAST, STEEL WEIGHTS, AFT
1	1	1003326	BALLAST - BACK RIB
2	1	1003327	RETAINING ROD, BALLAST
3	4	1003328	BALLAST RIB
4	1	1003330	TOP PLATE, BALLAST
5	1	1003356	AFT, ACCESS COVER, BALLAST
6	4	1012700	SPACER, BALLAST RIB
7	1	1012701	SPACER, BALLAST, RIB, BACK
8	1	13A01567-010	COVER SEAL, 13.69" X 17.16"
9	15	AN526-832R12	SCREW, MACHINE, TRUSS HEAD
10	16	MS51959-45	SCREW, FLAT HEAD, 1/2", SS
11	1	NAS561P4-12	SPRING PIN, SLOTTED, .125 DIA, .750 LONG

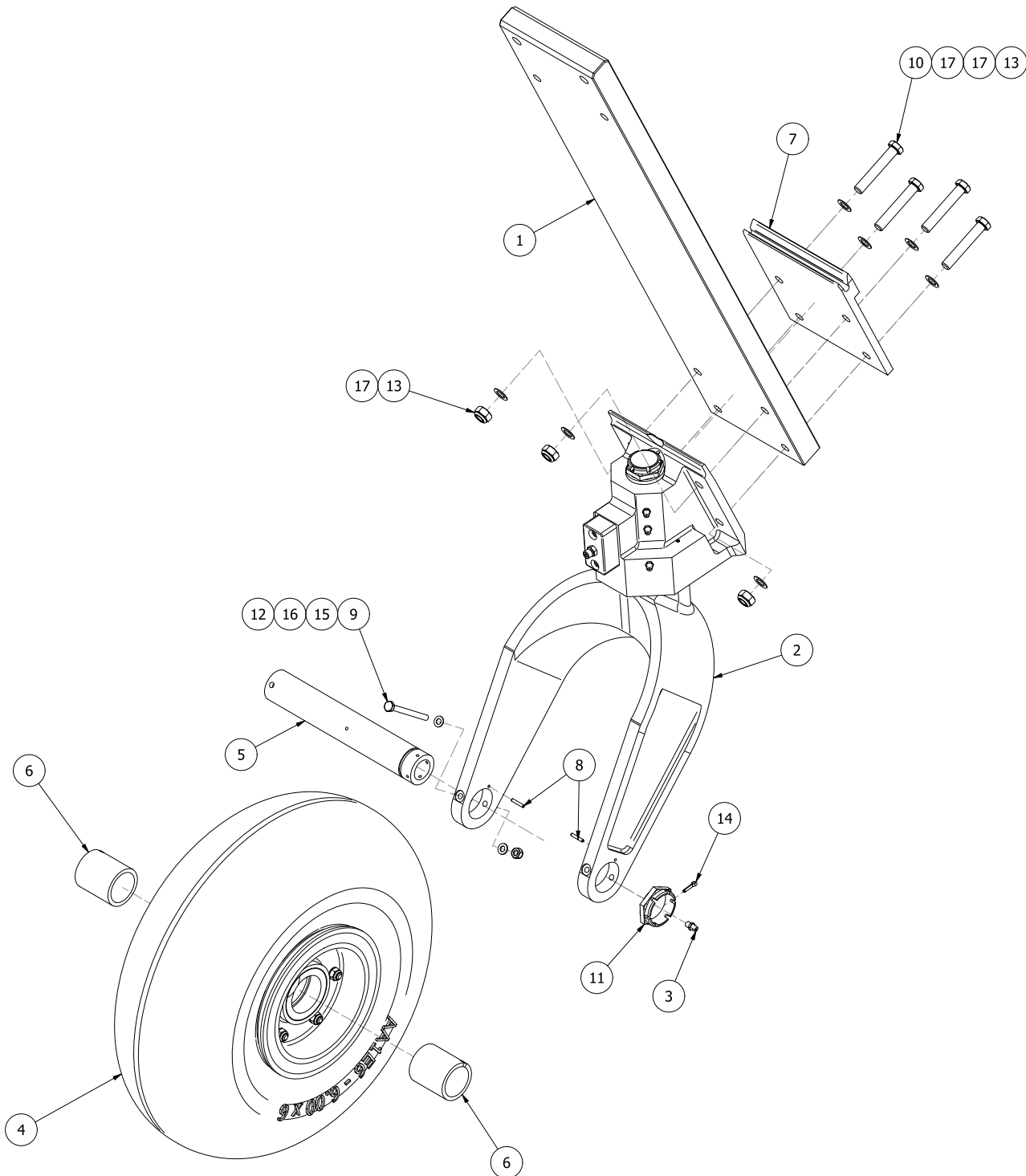
THIS PAGE INTENTIONALLY LEFT BLANK

SECTION 3 LANDING GEAR

CONTENTS

NOSE GEAR LOWER END FLOAT SERIAL NUMBERS 10409A AND LATER	128
NOSE GEAR LOWER END FLOAT SERIAL NUMBERS 10315A - 10332A, 10343A - 10408A*	130
NOSE GEAR LOWER END FLOAT SERIAL NUMBERS 10314A AND PRIOR, PLUS 10333A - 10342A	132
FORK AND PIVOT BLOCK FLOAT SERIAL NUMBERS 10409A AND LATER	135
PIVOT BLOCK WITH BEARINGS FLOAT SERIAL NUMBERS 10315A - 10332A, 10343A AND LATER	137
NOSE WHEEL ASSEMBLY WITHOUT TIRE	138
NOSE GEAR RETRACTION (T-SEALS INSTALLED FLOAT SERIAL NUMBERS 10061A AND LATER)	140
NOSE GEAR RETRACTION (O-RINGS INSTALLED, FLOAT SERIAL NUMBERS 10060A AND PRIOR) ..	143
MAIN GEAR ASSEMBLY	146
MAIN GEAR WHEEL ASSEMBLY	147
MAIN GEAR AXLE ASSEMBLY	149
OLEO SHOCK STRUT (T-SEALS INSTALLED, FLOAT SERIAL NUMBERS 10477 & 10478 AND LATER	151
OLEO SHOCK STRUT (T-SEALS INSTALLED, C. 2006 THOUGH FLOAT SN 10476)	153
OLEO SHOCK STRUT (O-RINGS INSTALLED, C. 2006 AND PRIOR)	155
MAIN GEAR RETRACTION (T-SEALS INSTALLED)	157
MAIN GEAR RETRACTION (O-RINGS INSTALLED)	160

NOSE GEAR LOWER END ASSEMBLY FLOAT SERIAL NUMBERS 10409A AND LATER (BACKWARDS COMPATIBLE*)

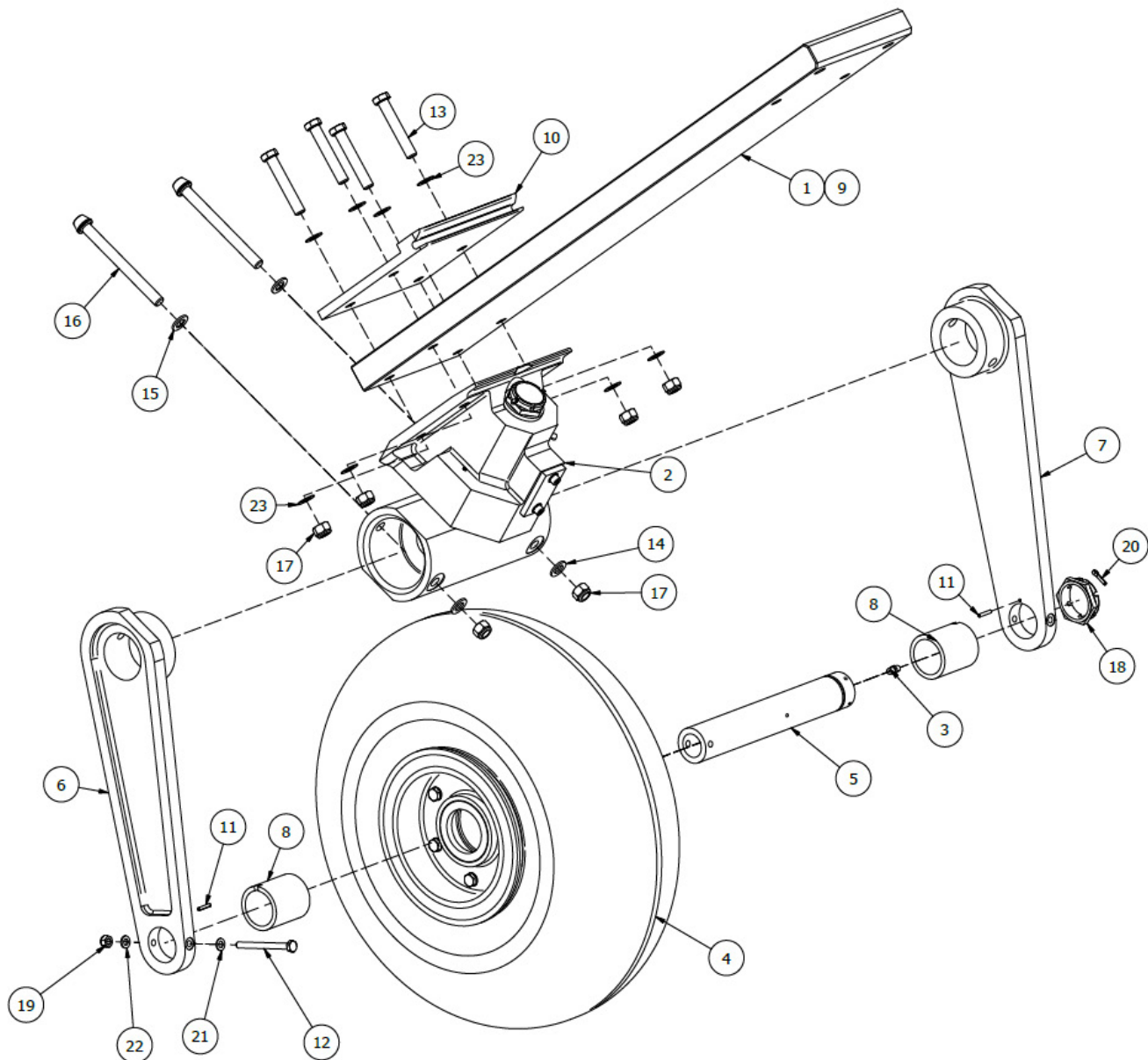


* 1012693 Nose Gear Assembly is backwards compatible to earlier floats. The Single-Piece Nose Fork and Centering Spring Adjustment became standard at the serial numbers listed above, while the updated Pivot Block was introduced earlier. See following pages and Service Letter 255 for details.

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012693	ASSEMBLY, NOSE GEAR, 10000
1	1	1001879	SPRING, NOSE GEAR, WHITE
	1	13A06633-001	SPRING, NOSE GEAR, YELLOW
2	1	1012821	ASSEMBLY, FORK AND PIVOT BLOCK (SEE DETAIL)
3	1	1095K41	COMMON GREASEZERK
4	1	13A06000-015	ASSEMBLY, NOSE WHEEL, 13000 (WITH TIRE AND TUBE)
	1	AA1E6*	TIRE, 6.00 X 6, 8 PLY
	1	XA1AD*	TUBE, 6.00 X 6
	1	MULTIPLE	ASSEMBLY, NOSE WHEEL (MULTIPLE CONFIGURATIONS EXIST, SEE FOLLOWING PAGES FOR BREAKDOWN)
5	1	13A06097-001	AXLE, NOSE WHEEL
6	2	13A06251-002	SPACER - NOSE
7	1	13A07232-001	PLATE - BEARING, NOSE SPRING
8	2	215-125-0750	PIN, ROLL, 1/8 X 3/4, SPRING
9	1	AN4-27A	BOLT, 1/4-28, 2.4375 GRIP, UNDRILLED, STEEL
10	4	AN7-24A	BOLT, 7/16-20, 1.9375 GRIP, UNDRILLED, STEEL
11	1	MS21025-24	NUT, AXLE
12	1	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
13	4	MS21044N7	NUT, LOCKING, REGULAR HEIGHT, 7/16-20 UNF
14	1	MS24665-349	COTTER PIN
15	1	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
16	1	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
17	10	NAS1149F0732P	WASHER, 0.453 ID, 0.032 THK, STEEL

* Any alternate tire (tube type) which is TSO-approved, matches the listed tire's dimensions, and meets its speed/load/ply ratings may be used. Equivalent tubes may also be used.

NOSE GEAR LOWER END ASSEMBLY FLOAT SERIAL NUMBERS 10315A - 10332A, 10343A - 10408A*



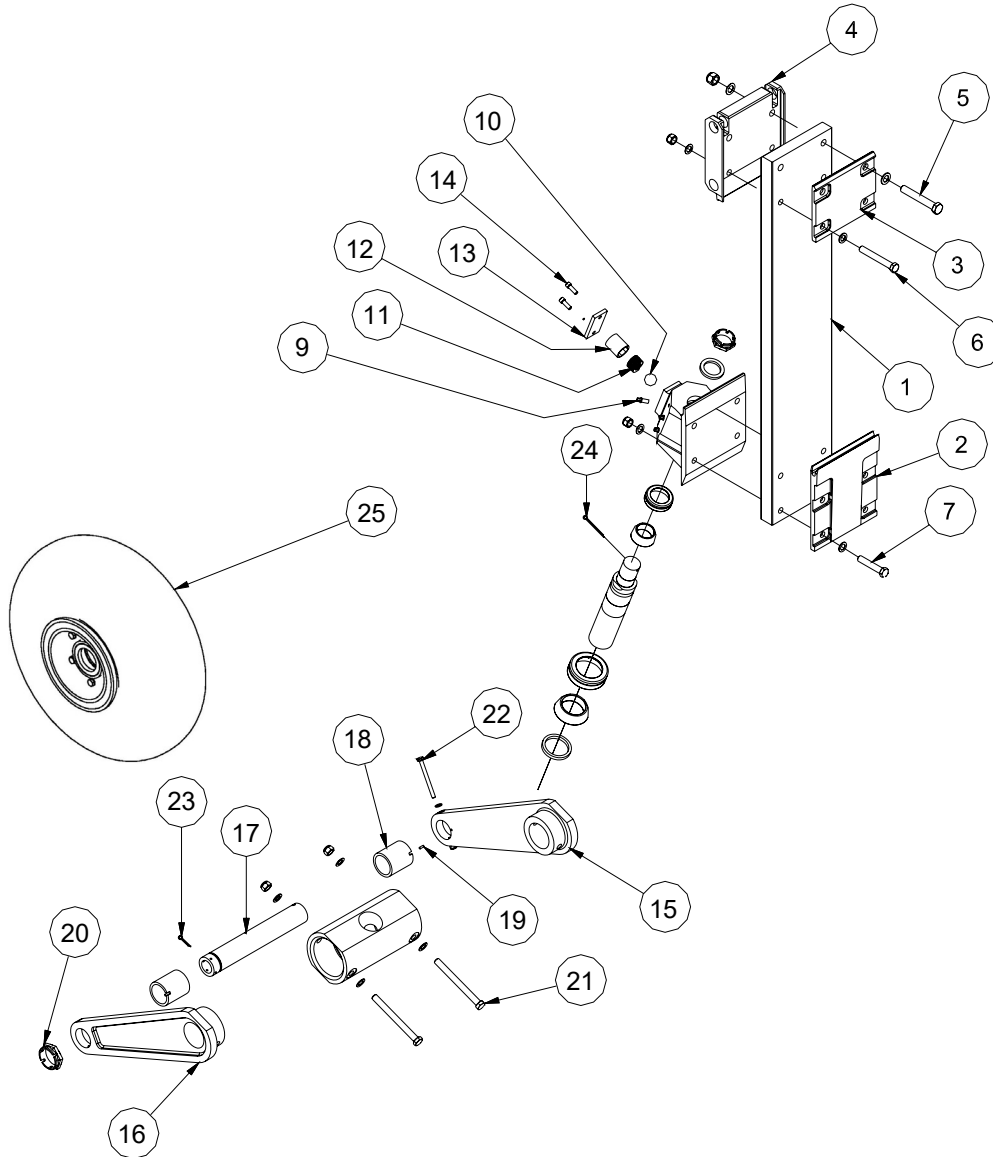
*This configuration utilized the now obsolete 3-Piece Nose Fork and did not include the mechanism for Centering Spring adjustment (within Pivot Block assembly). See Service Letter 255 for retrofit options.

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012008	ASSEMBLY, NOSE GEAR, 10000
1	1	1001879	SPRING, NOSE GEAR, WHITE
2	1	1012007	ASSEMBLY, PIVOT BLOCK AND YOKE (SEE DETAIL)
3	1	1095K41	COMMON GREASEZERK
4	1	13A06000-015	ASSEMBLY, NOSE WHEEL, 13000 (WITH TIRE AND TUBE)
	1	AA1E6*	TIRE, 6.00 X 6, 8 PLY
	1	XA1AD*	TUBE, 6.00 X 6
	1	MULTIPLE	ASSEMBLY, NOSE WHEEL (MULTIPLE CONFIGURATIONS EXIST, SEE FOLLOWING PAGES FOR BREAKDOWN)
5	1	13A06097-001	AXLE, NOSE WHEEL
6	1	13A06199-007	LEG, NOSE WHEEL FORK, LEFT
7	1	13A06199-008	LEG, NOSE WHEEL FORK, RIGHT
8	2	13A06251-002	SPACER - NOSE
9	1	13A06633-001	SPRING, NOSE GEAR, YELLOW
10	1	13A07232-001	PLATE - BEARING, NOSE SPRING
11	2	215-125-0750	PIN, ROLL, 1/8 X 3/4, SPRING
12	1	AN4-27A	BOLT, 1/4-28, 2.4375 GRIP, UNDRILLED, STEEL
13	4	AN7-24A	BOLT, 7/16-20, 1.9375 GRIP, UNDRILLED, STEEL
14	2	MS20002-7	WASHER, HIGH STRENGTH, PLAIN, 7/16
15	2	MS20002C7	WASHER, HIGH STRENGTH, COUNTERSINK, 7/16
16	2	MS20007-62	BOLT, INTERNAL WRENCHING
17	6	MS20365-720A	NUT, SELF LOCKING
18	1	MS21025-24	NUT, AXLE
19	1	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
20	1	MS24665-349	COTTER PIN
21	1	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
22	1	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
23	10	NAS1149F0732P	WASHER, 0.453 ID, 0.032 THK, STEEL

* Any alternate tire (tube type) which is TSO-approved, matches the listed tire's dimensions, and meets its speed/load/ply ratings may be used. Equivalent tubes may also be used.

NOSE GEAR LOWER END ASSEMBLY

FLOAT SERIAL NUMBERS 10314A AND PRIOR, PLUS 10333A - 10342A



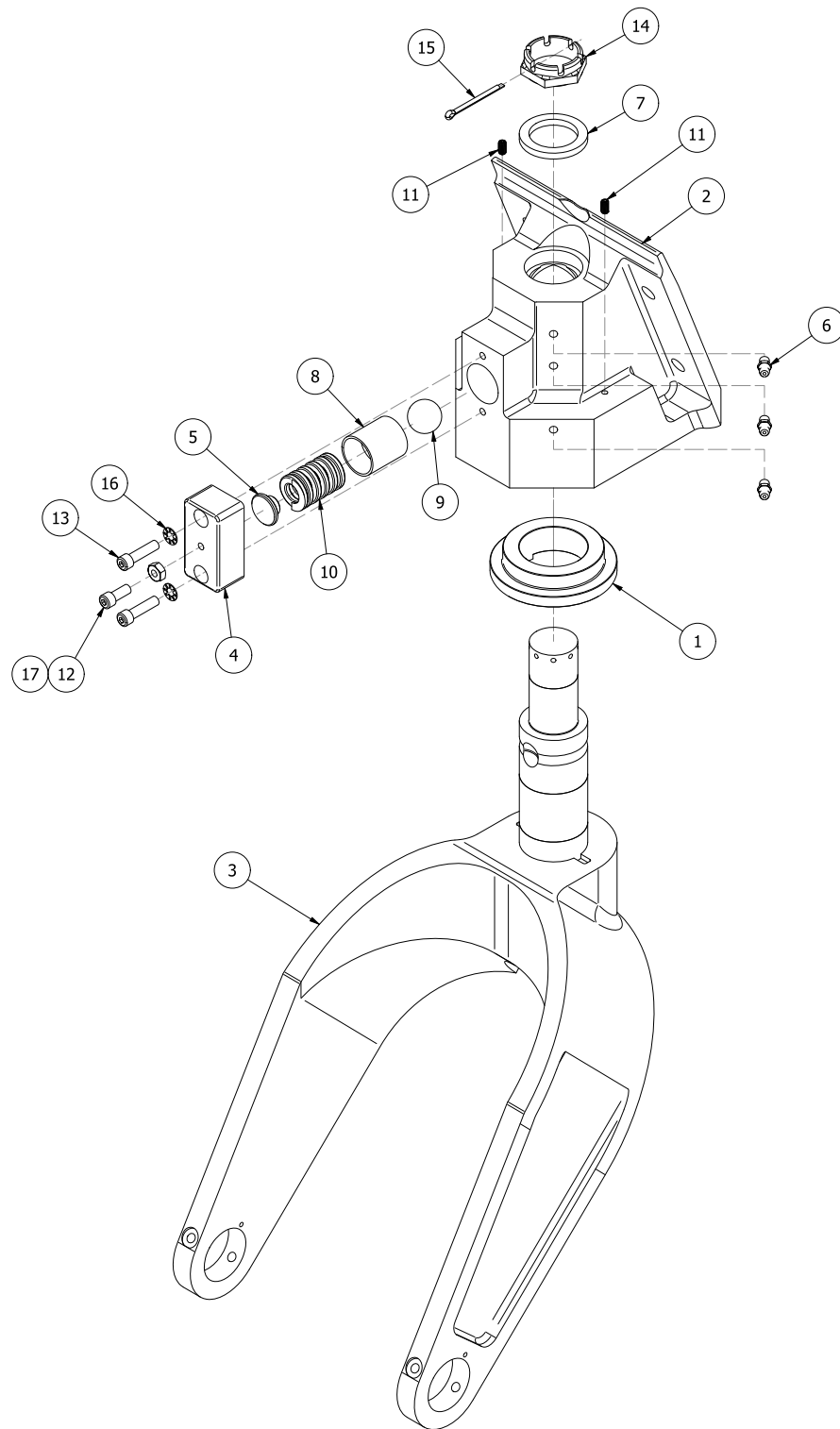
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	13A06633-001	SPRING – NOSE (YELLOW)
	1	1001879	SPRING – NOSE (WHITE)
2	1	13A07232-001	PLATE - UP STOP
3	1	13A07212-002	PLATE, NOSE SPRING UPPER
4	1	13A07080-001	TROLLEY
5	2	AN8-32A	BOLT, 1/2-20 THREAD, 2-11/16" GRIP, 3-15/32" LENGTH
	2	NAS1149F0863P	WASHER, AIRFRAME, CARBON STEEL, TO FIT DIA 1/2"
	2	NAS1149F0832P	WASHER, 0.515 ID, 0.032 THK, STEEL
	2	MS21044N8	NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF

ITEM	QTY	PART NO.	PART DESCRIPTION
6	2	AN7-30A	BOLT, 7/16-20 THREAD, 2-9/16" GRIP, 3-7/32" LENGTH
	2	NAS1149F0763P	WASHER, 0.453 ID, 0.063 THK, STEEL
	2	NAS1149F0732P	WASHER, 0.453 ID, 0.032 THK, STEEL
	2	MS21044N7	NUT, LOCKING, REGULAR HEIGHT, 7/16-20 UNF
7	4	AN7-24A	BOLT, 7/16-20 THREAD, 1-15/16" GRIP, 2-19/32" LENGTH
	8	NAS1149F0732P	WASHER, 0.453 ID, 0.032 THK, STEEL
	4	MS21044N7	NUT, LOCKING, REGULAR HEIGHT, 7/16-20 UNF
8	1	10A06000-039	PIVOT BLOCK ASSY.
	1	10A06000-034	PIVOT BLOCK
	1	10A06000-036	CONTACT BEARING CUP & CONE ASSEMBLY SOLD AS A SET ONLY (SHRINK FIT)
	1	10A06000-037	CONTACT BEARING CUP & CONE ASSEMBLY SOLD AS A SET ONLY (SHRINK FIT)
	1	MS21025-20	CASTLE NUT
	1	10A06462-020	WASHER - NOSE PIVOT
	1	13A06098-001	YOKE, NOSE WHEEL FORK
	1	10A06090-004	SPACER, PIVOT PIN
9	3	1095K41	GREASE ZERK
10	1	9528K32	BALL BEARING
11	1	3A06525-002	SPRING
12	1	10A06512-004	RETAINER - NOSE PIVOT BALL
13	1	3A06037-001	CAP - PIVOT BLOCK
14	2	MS16997-60	SCREW, CAP, SOCKET HEAD, 1/4-20X1.500, STEEL
	2	MS35333-40	STAR WASHER
15	1	13A06199-007	LEG - NOSE FORK LT.
16	1	13A06199-008	LEG - NOSE FORK RT.
17	1	13A06097-001	AXLE - NOSE WHEEL
	1	1095K41	GREASE ZERK
18	2	13A06251-002	SPACER - AXLE
19	2	215-125-0750	ROLL PIN
20	1	MS21025-24	NUT, AXLE
21	2	AN7-43A	BOLT, 7/16-20 THREAD, 3-13/16" GRIP, 4-15/32" LENGTH
	2	NAS1149F0763P	WASHER, 0.453 ID, 0.063 THK, STEEL
	2	NAS1149F0732P	WASHER, 0.453 ID, 0.032 THK, STEEL
	2	MS21044N7	NUT, LOCKING, REGULAR HEIGHT, 7/16-20 UNF
22	1	AN4-27A	BOLT, 1/4-28 THREAD, 2-7/16" GRIP, 2-29/32" LENGTH
	2	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
	1	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
23	1	MS24665-349	COTTER PIN
24	1	MS24665-359	COTTER PIN
25	1	13A06000-015	NOSE WHEEL ASSEMBLY (WITH TIRE AND TUBE)

ITEM	QTY	PART NO.	PART DESCRIPTION
	1	AA1E6*	TIRE, 6.00 X 6, 8 PLY
	1	XA1AD*	TUBE, 6.00 X 6
	1	MULTIPLE	ASSEMBLY, NOSE WHEEL (MULTIPLE CONFIGURATIONS EXIST, SEE FOLLOWING PAGES FOR BREAKDOWN)

* Any alternate tire (tube type) which is TSO-approved, matches the listed tire's dimensions, and meets its speed/load/ply ratings may be used. Equivalent tubes may also be used.

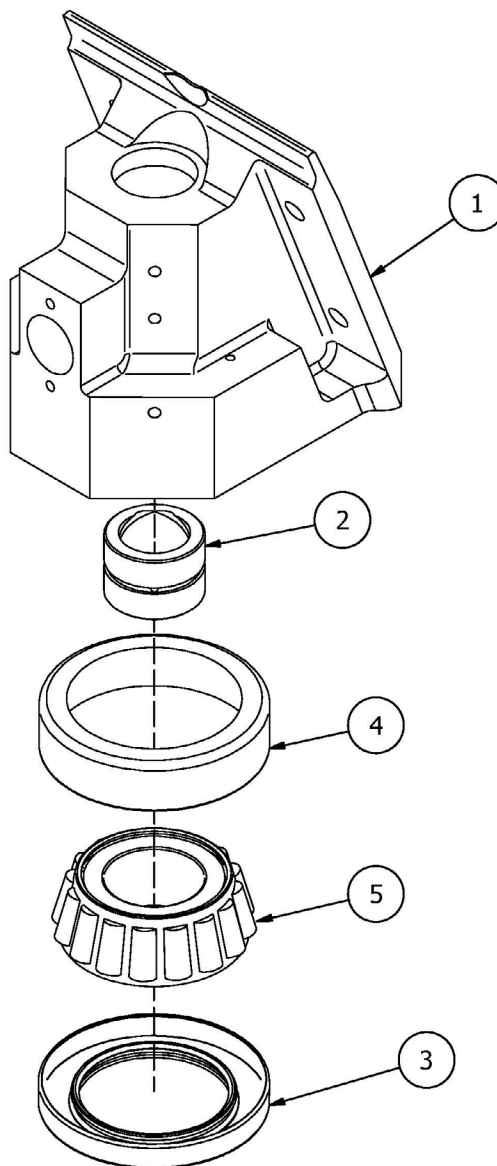
FORK AND PIVOT BLOCK ASSEMBLY FLOAT SERIAL NUMBERS 10409A AND LATER (BACKWARDS COMPATIBLE*)



* 1012821 Fork and Pivot Block Assembly is backwards compatible to earlier floats. The Single-Piece Nose Fork and Centering Spring Adjustment became standard at the serial numbers listed above, while the updated Pivot Block was introduced earlier. See previous pages and Service Letter 255 for details.

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012821	ASSEMBLY, FORK AND PIVOT BLOCK
1	1	1011924	SPACER
2	1	1012006	ASSEMBLY, PIVOT BLOCK WITH BEARINGS
3	1	1012646	ASSEMBLY, YOKE AND PIN (10000)
4	1	1012692	CAP, PIVOT BLOCK
5	1	1012698	PLUNGER, SPRING TENSION
6	3	1095K41	COMMON GREASEZERK
7	1	10A06462-020	WASHER, NOSE PIVOT
8	1	10A06512-004	RETAINER - NOSE PIVOT BALL
9	1	9528K32	BALL BEARING
10	1	9588K18	SPRING, 1 1/2" L
11	2	98637A365	SET SCREW, 10-32 X 3/8"
12	1	MS16997-60	SOCKET HEAD CAP SCREW
13	2	MS16997-62	SOCKET HEAD CAP SCREW
14	1	MS21025-20	NUT, AXLE
15	1	MS24665-359	COTTER PIN
16	2	MS35333-40	STAR WASHER
17	1	MS35649-2252	NUT, PLAIN, HEXAGON, 1/4-20 UNC, STEEL

PIVOT BLOCK WITH BEARINGS ASSEMBLY FLOAT SERIAL NUMBERS 10315A - 10332A, 10343A AND LATER (BACKWARDS COMPATIBLE*)

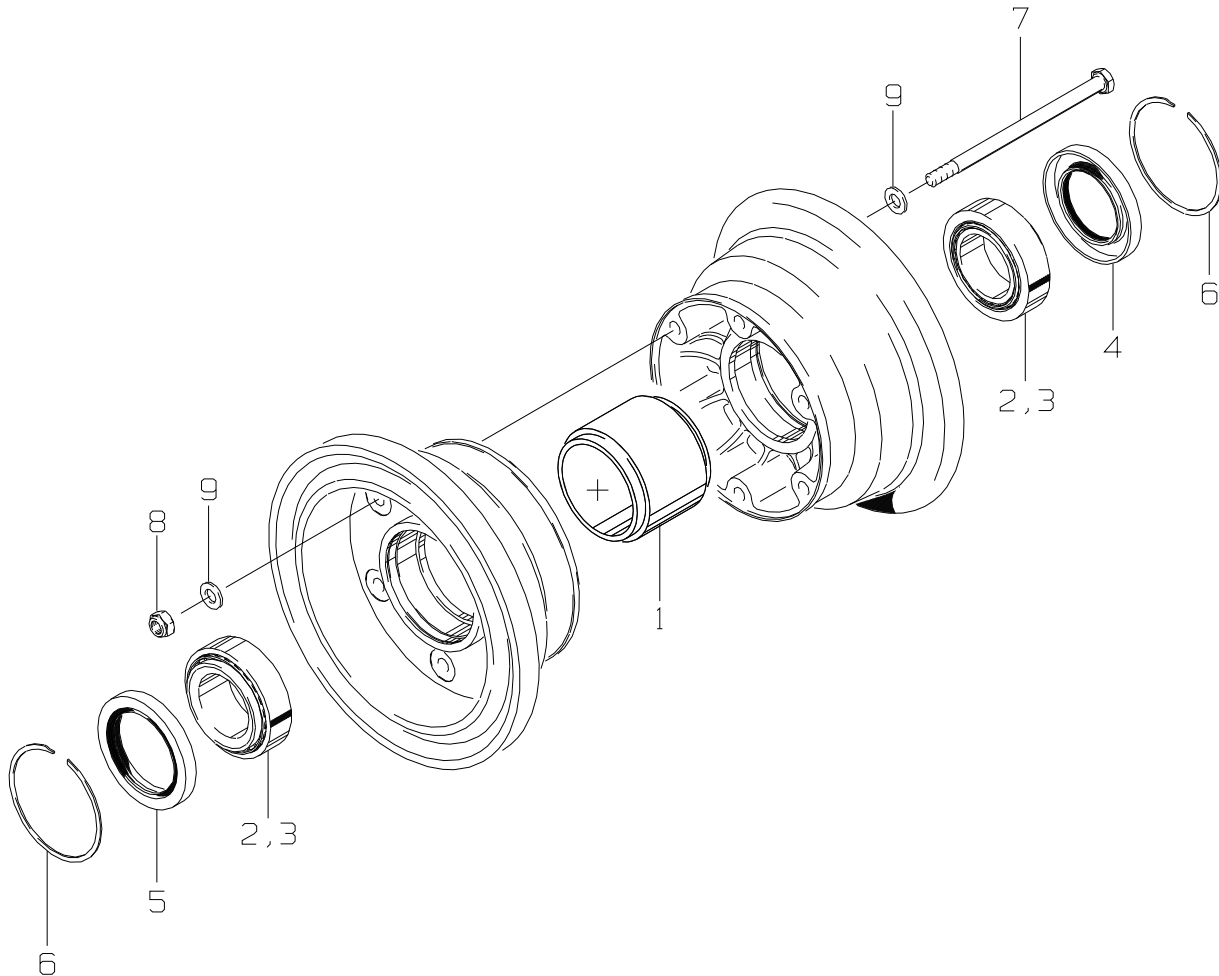


ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012006	ASSEMBLY, PIVOT BLOCK WITH BEARINGS
1	1	1011923	PIVOT BLOCK
2	1	1012004	BUSHING, BRONZE
3	1	1012380	SEAL, PIVOT BLOCK (TIMKEN 477069, #50 WEEP HOLE ADDED)
4	1	49520	CUP, BEARING, ROLLER, TAPERED
5	1	49576	CONE, BEARING, ROLLER, TAPERED

* 1012006 Pivot Block with Bearings is available to earlier floats as it is backwards compatible, but only as part of assembly 1012821 or higher. See Service Letter 255 for details.

NOSE WHEEL ASSEMBLY WITHOUT TIRE

MULTIPLE CONFIGURATIONS SHOWN IN TABLES BELOW



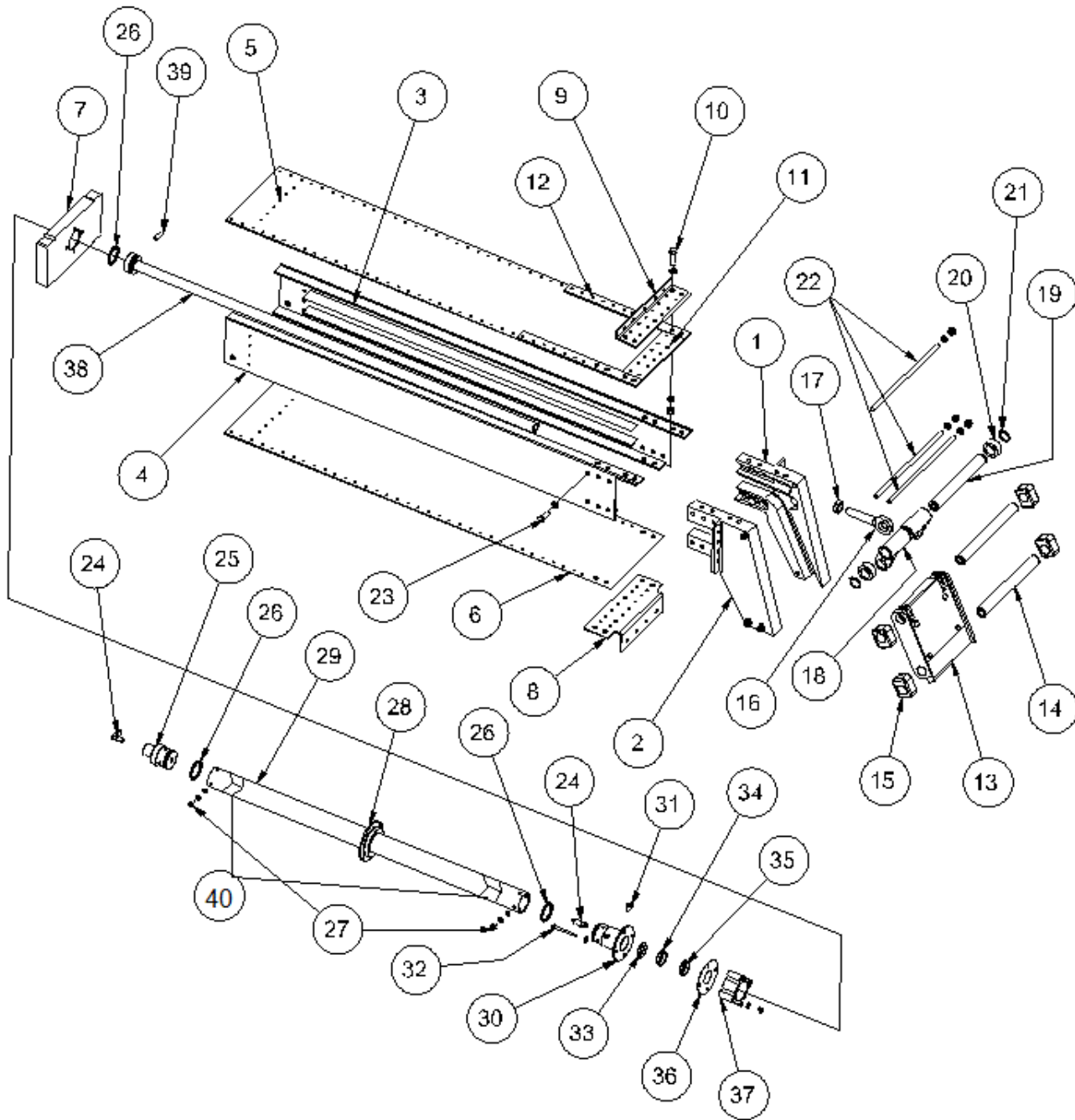
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	40-426D	ASSEMBLY, RIM, NOSE, 6.00"
1	1	067-14700	RETAINER, GREASE
2	2	13836	CUP, BEARING
3	2	13889	CONE, BEARING
4	1	472439	GREASE SEAL, INBOARD
5	1	472439	GREASE SEAL, OUTBOARD (ADD #50 VENT HOLE)
6	2	155-14300	RING, SNAP
7	6	AN5-35A	BOLT, 5/16-24, 3.1875 GRIP, 3-23/32 LG
8	6	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF
9	12	NAS11495F0532P	WASHER, 5/16, .032 THK

PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	69-1020	NOSE WHEEL ASSEMBLY, GROVE, BILLET
1	1	010-082	RETAINER, GREASE
2	2	13836	CUP, BEARING
3	2	13889	CONE, BEARING
4	1	472439	GREASE SEAL, INBOARD
5	1	1002264	GREASE SEAL, OUTBOARD (INCLUDES #50 VENT HOLE)
6	2	WH-262-S02	RING, SNAP
7	6	AN5-35A	BOLT, 5/16-24, 3.1875 GRIP, 3-23/32 LG
8	6	MS21042-5	NUT, SELF LOCKING, 450°, 5/16-24 UNF
9	12	NAS1149F0516P	WASHER, 5/16, .032 THK

**NOSE GEAR RETRACTION ASSEMBLY (T-SEALS INSTALLED,
FLOAT SERIAL NUMBERS 10061A AND LATER)**



PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

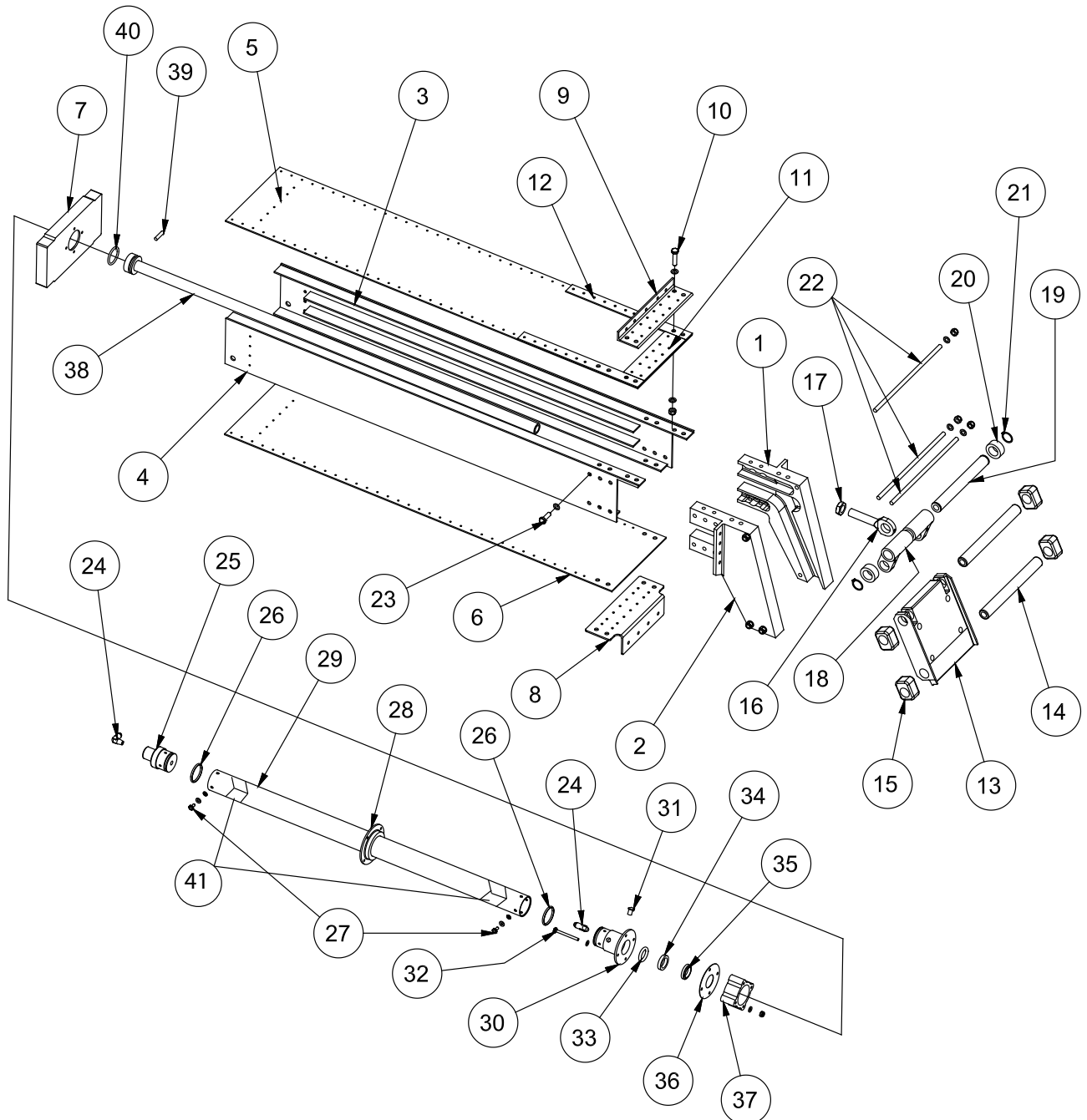
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	13A07104-001	TRACK - FRONT LT.
2	1	13A07104-002	TRACK - FRONT RT.
3	1	13A07373-001	TRACK - SIDE LT.
4	1	13A07373-002	TRACK - SIDE RT.
5	1	13A07156-082	COVER - NOSE BOX - TOP
	4	AN5-6A	BOLT, AIRFRAME, 5/16-24 THREAD, 5/16" GRIP, 27/32" LENGTH
	8	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
	4	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL 5/16-24
6	1	13A07156-083	COVER - NOSE BOX - BOTTOM
7	1	13A07201-003	END CAP - NOSE BOX
8	1	13A07160-011	ANGLE - NOSE BOX - BOTTOM
	4	AN5-6A	BOLT, AIRFRAME, 5/16-24 THREAD, 5/16" GRIP, 27/32" LENGTH
	8	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
	4	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL 5/16-24
9	1	13A07357-048	ANGLE - NOSE BOX - TOP
10	4	AN5-12A	BOLT SIZE 5/16-24 LENGTH 1/64 - 1-11/32 GRIP LENGTH 13/16
	8	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
	4	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL 5/16-24
11	1	13A07156-086	SPACERS - NOSE BOX
12	2	13A07156-087	SPACERS - NOSE BOX
13	1	13A07080-001	TROLLEY - NOSE GEAR
14	2	13A07475-001	AXLE - NOSE GEAR TROLLEY
15	4	10A07595-001	BLOCK - SLIDE
16	1	13A07257-003	ROD END
17	1	AN316-10R	JAMB NUT
18	2	13A07185-004	LINK - NOSE GEAR RAM
19	1	13A07475-002	AXLE - LINK - NOSE GEAR
20	2	13A07543-003	ROLLER - LOCK
21	2	5100-87-H	SNAP RING
22	3	13A07476-001	ROD - NOSE GEAR TRACK
	6	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
	6	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 5/16-24
23	12	AN5-7A	BOLT, AIRFRAME, 5/16-24 THREAD, 7/16" GRIP, 31/32" LENGTH
	24	NAS1149F0532P	WASHER, 0.328 ID, 0.032 THK, STEEL
	12	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL 5/16-24
24	2	MS20822-4D	ELBOW FITTING, FLARED TUBE AND PIPE THREADS, 90 DEG
25	1	1002236	ASSEMBLY CYLINDER - END CAP
26	2	1002229	PISTON, T SEAL
27	8	NAS1103-2	BOLT
	8	NAS1149D0316J	WASHER, 0.203 ID, 0.016 THK, ALUMINUM
	8	MS35333-39	WASHER - STAR

PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
	8	NAS1149D0363J	WASHER, 0.203 ID, 0.063 THK, ALUMINUM
28	1	6A05181-001	SUPPORT RING - CYLINDER
	1	MS28775-327	"O" RING, DIA 1.725
29	1	1002014	CYLINDER - OUTSIDE
30	1	1002237	FLANGE - NOSE CYLINDER
31	1	1231K2	OILER
29	1	1002014	CYLINDER - OUTSIDE
30	1	1002237	FLANGE - NOSE CYLINDER
31	1	1231K2	OILER
32	4	AN3-20A	BOLT, 10-32, 1.625 GRIP, UNDRILLED STEEL
	8	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	4	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
33	2	1002230	ROD, T -SEAL
34	1	6A07580-005	FELT - WIPER
35	1	8880510	WIPER - NYLON
36	1	6A07158-129	SPACER – NOSE CYLINDER
37	1	6A07264-003	SPACER - FLANGE
38	1	13A07000-012	ASSEMBLY - RAM
39	1	3A05701-001	MAGNET, HOOK LATCH, MAIN GEAR
40	2	3A07005-178	CLIP, SWITCH, NOSE & MAIN

NOSE GEAR RETRACTION ASSEMBLY (O-RINGS INSTALLED, FLOAT SERIAL NUMBERS 10060A AND PRIOR)



PARTS MANUAL

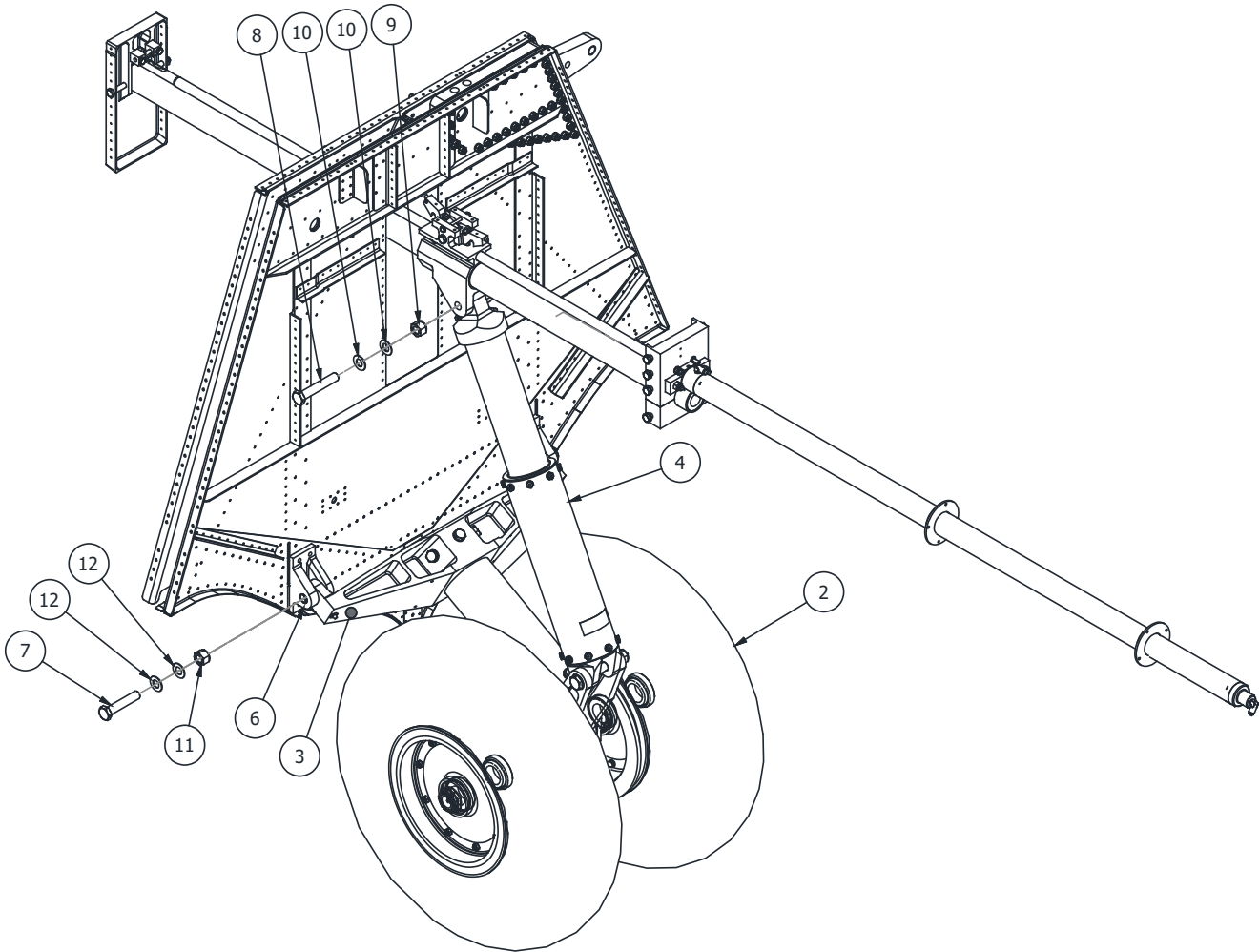
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	13A07104-001	TRACK – FRONT L.
2	1	13A07104-002	TRACK – FRONT R.
3	1	13A07373-001	TRACK – SIDE L.
4	1	13A07373-002	TRACK – SIDE R.
5	1	13A07156-082	COVER – NOSE BOX – TOP
	4	AN5-6A	BOLT, AIRFRAME, 5/16-24 THREAD, 5/16" GRIP, 27/32" LENGTH
	8	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
	4	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL 5/16-24
6	1	13A07156-083	COVER – NOSE BOX – BOTTOM
7	1	13A07201-003	END CAP – NOSE BOX
8	1	13A07160-011	ANGLE – NOSE BOX – BOTTOM
	4	AN5-6A	BOLT, AIRFRAME, 5/16-24 THREAD, 5/16" GRIP, 27/32" LENGTH
	8	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
	4	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL 5/16-24
9	1	13A07357-048	ANGLE – NOSE BOX – TOP
10	4	AN5-12A	BOLT SIZE 5/16-24 LENGTH 1/64 - 1-11/32 GRIP LENGTH 13/16
	8	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
	4	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL 5/16-24
11	1	13A07156-086	SPACERS – NOSE BOX
12	2	13A07156-087	SPACERS – NOSE BOX
13	1	13A07080-001	TROLLEY – NOSE GEAR
14	2	13A07475-001	AXLE – NOSE GEAR TROLLEY
15	4	10A07595-001	BLOCK – SLIDE
16	1	13A07257-003	ROD END
17	1	AN316C10R	JAMB NUT
18	2	13A07185-004	LINK – NOSE GEAR RAM
19	1	13A07475-002	AXLE – LINK – NOSE GEAR
20	2	13A07543-003	ROLLER – LOCK
21	2	5100-87-H	SNAP RING
22	3	13A07476-001	ROD – NOSE GEAR TRACK
	6	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
	6	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
23	12	AN5-7A	BOLT, AIRFRAME, 5/16-24 THREAD, 7/16" GRIP, 31/32" LENGTH
	24	NAS1149F0532P	WASHER, 0.328 ID, 0.032 THK, STEEL
	12	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL 5/16-24
24	2	MS20822-4D	ELBOW FITTING, FLARED TUBE AND PIPE THREADS, 90 DEG
25	1	6A05268-001	CYLINDER – END CAP
26	2	MS28775-220	O RING, DIA 1.359, AN6227-25
27	8	NAS1103-2	BOLT
	8	NAS1149D0363J	WASHER, 0.203 ID, 0.063 THK, ALUMINUM
	8	MS35333-39	WASHER - STAR

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

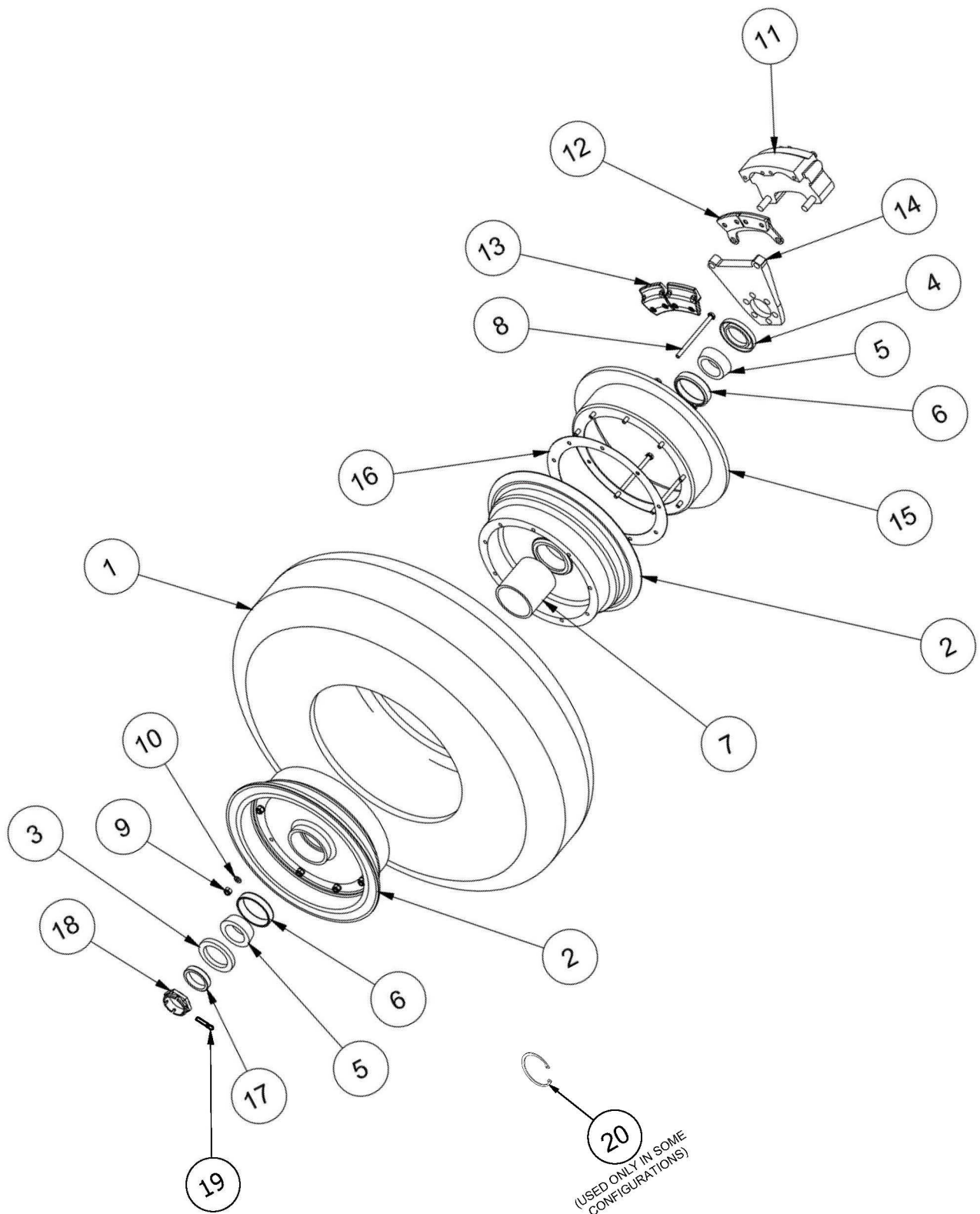
ITEM	QTY	PART NO.	PART DESCRIPTION
		NAS1149D0316J	WASHER, 0.203 ID, 0.016 THK, ALUMINUM
28	1	6A05181-001	SUPPORT RING – CYLINDER
	1	MS28775-327	"O" RING, DIA 1.725
29	1	13A07116-006	CYLINDER – OUTSIDE
30	1	6A07264-002	FLANGE – NOSE CYLINDER
31	1	1205K12	OILER
	8	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	8	MS35333-39	WASHER - STAR
28	1	6A05181-001	SUPPORT RING – CYLINDER
	1	MS28775-327	"O" RING, DIA 1.725
29	1	13A07116-006	CYLINDER – OUTSIDE
30	1	6A07264-002	FLANGE – NOSE CYLINDER
31	1	1205K12	OILER
32	4	AN3-20A	BOLT, 10-32, 1.625 GRIP, UNDRILLED STEEL
	8	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	4	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
33	1	M83461/1-316	O-RING, HYDRAULIC, PACKING, .850 I.D.
34	1	6A07580-005	FELT – WIPER
35	1	8880510	WIPER – NYLON
36	1	6A07158-129	PLATE – FLANGE
37	1	6A07264-003	SPACER – FLANGE
38	1	13A07000-012	ASSEMBLY – RAM
39	1	3A05701-001	MAGNET, HOOK LATCH, MAIN GEAR
40	1	MS28775-219	O RING, DIA 1.296, AN6227-24
41	2	3A07005-178	CLIP, SWITCH, NOSE & MAIN

MAIN GEAR ASSEMBLY



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	13A04000-056	MAIN AXLE SHOCK STRUT WHEEL & BRAKE
2	2	13A04000-055	MAIN WHEEL ASSEMBLY
3	1	13A04000-057	ASSEMBLY, DRAG BRACE, 13000 & 10000
4	1	1010394	ASSEMBLY - SHOCK STRUT (BLUE)
	1	13A04000-059 (ALT)	ASSEMBLY - SHOCK STRUT
5	1	13A04030-002	ASSEMBLY, TRUNION, DRAG BRACE, RIGHT
6	1	13A04030-003	ASSEMBLY, TRUNION, DRAG BRACE, LEFT
7	2	AN10-32A	BOLT, 5/8-18 THREAD, STEEL CAD II PLATED
8	1	AN10-34A	BOLT, 5/8-18 THREAD, 2-11/16" GRIP, 3-41/64" LENGTH
9	1	MS21044N10	NUT, 5/8-18 THREAD, NYLON INSERT, 250 DEG
10	2	NAS1149F1063P	WASHER, AIRFRAME, CARBON STEEL, TO FIT DIA 5/8"
11	2	MS21044N10	NUT, SELFLOCKING, 5/8-18 THREAD, NYLON INSERT, 250 DEG
12	4	NAS1149D1063J	WASHER, ALUMINUM, TO FIT DIA 5/8", ANODIZED FINISH

MAIN GEAR WHEEL ASSEMBLY



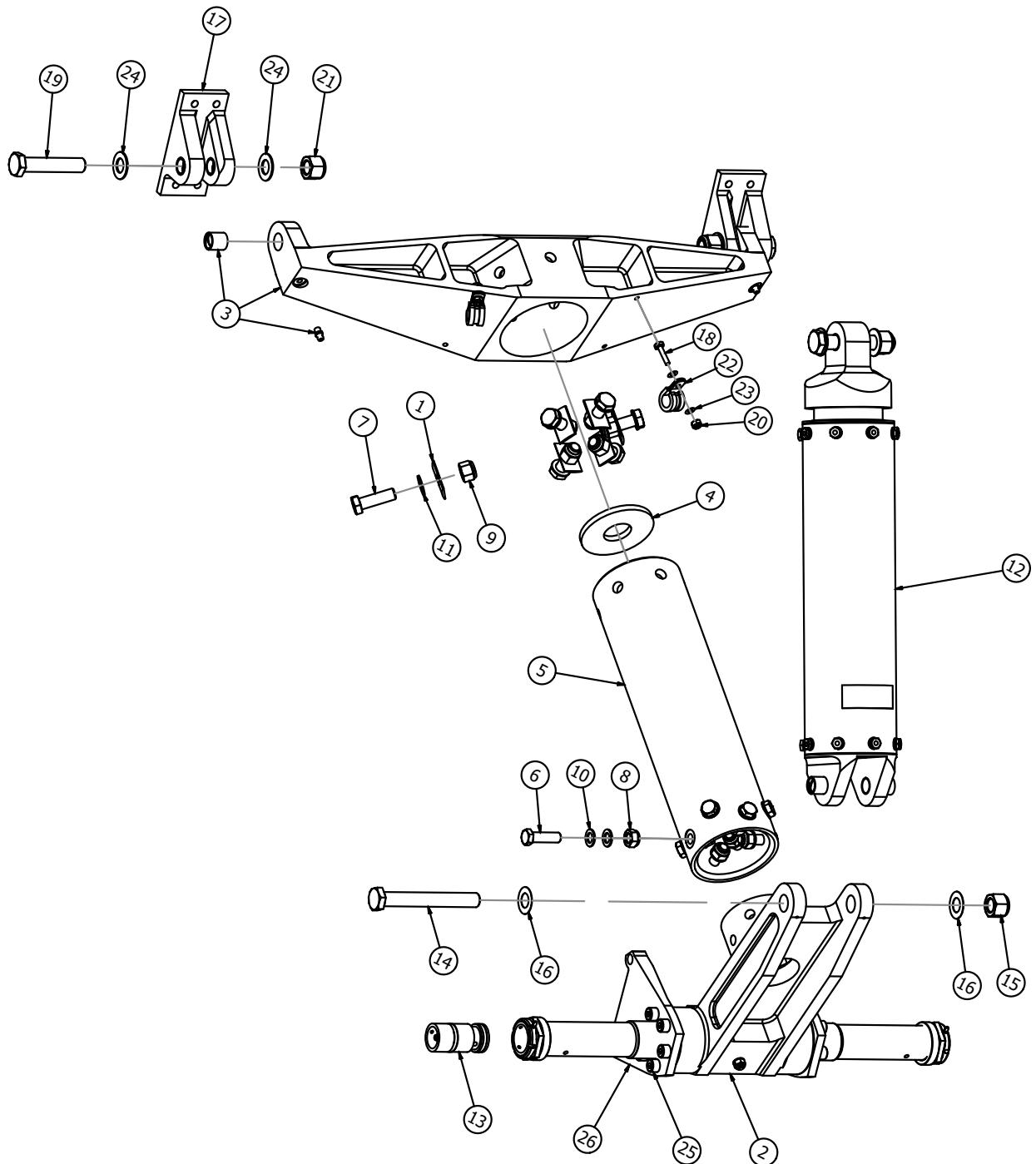
PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	-	13A04000-055	MAIN WHEEL ASSEMBLY & TIRE (INCLUDES ITEMS 1 & 2)
1	1	AA1N6*	TIRE, 8.50 X 10.00 - 8, MAIN 10000 & 13000
	1	XA1AM*	TUBE, 8.50 X 10, MAIN 10000 & 13000
2	1	13A04000-127	MAIN WHEEL ASSEMBLY (INCLUDES ITEMS 3-10, 15, 16)
	1	100-1024 (ALT)	MAIN WHEEL ASSEMBLY, GROVE (ALT, INCLUDES ITEMS 3-10, 15, 20)
3	1	1001994	SEAL, OUTER (EXPANDED VERSION FOR 13A04000-127 ASS'Y)
	1	472439	SEAL, OUTER (FOR 100-1024 ASS'Y, ADD #50 VENT HOLE)
4	1	1001996	SEAL, INNER (EXPANDED VERSION FOR 13A04000-127 ASS'Y)
	1	473232	SEAL, INNER (FOR 100-1024 ASS'Y)
5	2	LM29749	BEARING, CONE, NON-CHROME, 2-1/2" DIA
6	2	LM29710	BEARING, CUP, NON-CHROME, 2-3/8" DIA
7	1	067-06300	SPACER, GREASE RETAINER (USED IN 13A04000-127 ASS'Y)
	1	026-016	SPACER, GREASE RETAINER (USED IN 100-1024 ASS'Y)
	2	MS28775-035	O-RING (NOT SHOWN, USED IN 100-1024 ASS'Y)
8	9	AN4-40A	BOLT, AIRFRAME, 1/4-28 THREAD, 3-9/16" GRIP, 4-1/32" LENGTH
9	9	MS21044N4	NUT, HEX LOCKING NYLON INSERT, 1/4-28
10	15	NAS1149F0463P	WASHER FLAT, SCREW SIZE 1/4 OD.500 ID.265 THK.063
11	1	13A04000-191	BRAKE ASSEMBLY, RIGHT
	1	13A04000-192	BRAKE ASSEMBLY, LEFT
	2	MS28775-222	O RING, DIA 1.484
12	1	073-01500	PRESSURE PLATE ASSY, 2 BRAKE LININGS, 4 HOLES, 4-3/4"
	2	066-10800	BRAKE LINING, LENGTH 2-1/4", 2 HOLES 1/8"
	4	105-00200	RIVET BRAKE LINING, 1/8" DIA, GOLD
13	2	074-01300	BACK PLATE, BREAK LINING, LENGTH 2-1/2", 2 HOLES 1/4"
	1	066-10800	BRAKE LINING, LENGTH 2-1/4", 2 HOLES 1/8"
	2	105-00200	RIVET BRAKE LINING, 1/8" DIA, GOLD
	1	081-00200	BLEEDER SEAT FITTING, 1/4" HOLE INSERT, 1/2" SCREW
	1	079-00300	BLEEDER SCREW, A30085, 79-3, 1/4"
14	1	075-04200	TORQUE PLATE, 1-3/4" DIA, LENGTH 6-1/2"
15	1	164-03006	BRAKE DISC, (USED IN 13A04000-127 ASS'Y)
	1	018-140	BRAKE DISC, NON-CHROME (USED IN 100-1024 ASS'Y)
16	1	13A04620-002	SPACER, TEFLON
17	1	6A04093-002	SPACER, MAIN WHEEL AXLE
18	1	MS21025-24	NUT, AXLE
19	1	MS24665-349	COTTER PIN
20	1	HO-262 STZD	SNAP RING, STEEL, ZINC DICHROMATE (ORIGINAL EQUIP FOR 100-1024 GROVE WHEEL ASSEMBLY ONLY)
	1	HO-262 SS	SNAP RING, STAINLESS (ALT, 100-1024 GROVE WHEEL ASSEMBLY ONLY)

* Any alternate tire (tube type) which is TSO-approved, matches the listed tire's dimensions, and meets its speed/load/ply ratings may be used. Equivalent tubes may also be used.

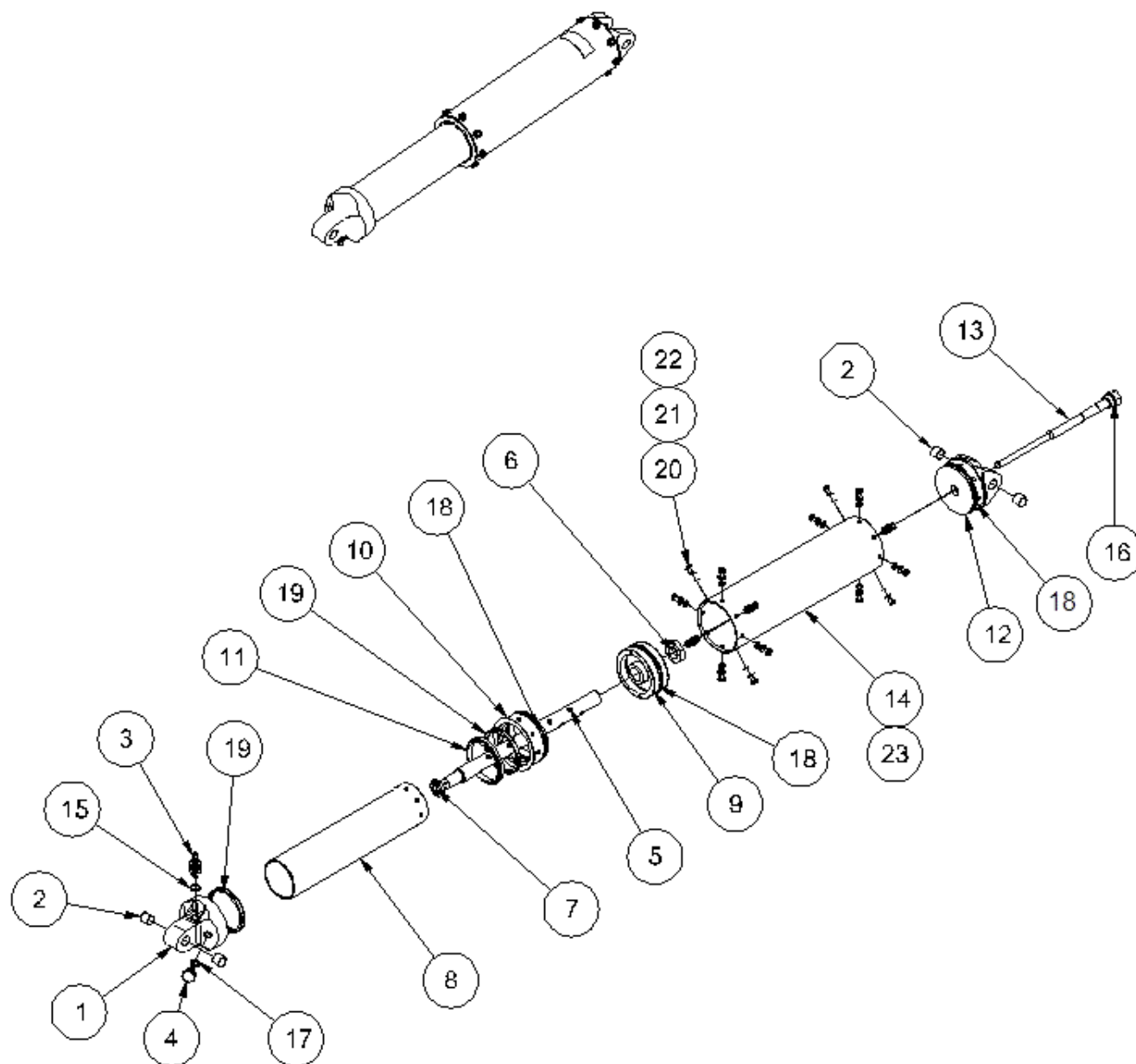
MAIN GEAR AXLE ASSEMBLY



ITEM	QTY	PART NO.	PART DESCRIPTION
1	6	1008027	WASHER, CUSTOM, DRAG BRACE
2	1	13A04000-058	AXLE ASSY.-MAIN GEAR
3	1	13A04081-001	ASSEMBLY, DRAG BRACE (INCLUDES BUSHINGS AND GREASE FITTINGS)
	2	1001886-01	BUSHING, SLEEVE OIL GROOVED (.625"ID X .750"OD X .750"L)
	2	1095K41	FITTING, 1/4-28 MALE & BALL VALVE, 10PCS/PKG, 1/2" LENGTH
4	1	13A04231-003	PLUG, DRAG TUBE
5	1	13A04289-001	TUBE, MAIN GEAR
6	8	AN7-13A	BOLT, 7/16-20 THREAD, 13/16" GRIP, 1-15/32" LENGTH
7	6	AN8-14A	BOLT, AIRFRAME, 1/2-20 THREAD, 13/16" GRIP, 1-19/32" LENGTH
8	8	MS21044N7	NUT, LOCKING, REGULAR HEIGHT, 7/16-20 UNF
9	6	MS21044N8	NUT, SELF LOCKING, 1/2-20 THREAD, NYLON INSERT, 250 DEG.
10	16	NAS1149D0763J	WASHER, ALUMINUM, TO FIT DIA 7/16", ANODIZED FINISH
11	6	NAS1149D0863J	WASHER, ALUMINUM, TO FIT DIA 1/2", ANODIZED FINISH
12	1	1013094	ASSEMBLY - SHOCK STRUT (BLUE)
	1	13A04000-059 (ALT)	ASSEMBLY - SHOCK STRUT
13	2	6A04263-003	GREASE INSERT-MAIN AXLE
	4	MS28775-214	O RING, DIA 0.984
14	1	AN10-46A	BOLT, 5/8-18 THREAD, 3-15/16" GRIP, 4-57/64" LENGTH
15	1	MS21044N10	NUT, SELF LOCKING, 5/8-18 THREAD, NYLON INSERT, 250 DEG
16	2	NAS1149D1016J	WASHER, ALUMINUM, TO FIT DIA 5/8", ANODIZED FINISH
17	1	13A04030-003	ASSEMBLY, TRUNION, DRAG BRACE, LEFT
18	2	AN3-7A	BOLT SIZE 10-32, LENGTH +/- 1/64 - 29/32, GRIP LENGTH 1/2
19	2	AN10-32A	BOLT, 5/8-18 THREAD, STEEL CAD II PLATED, NO HOLE SHANK
20	2	MS21044N3	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 10-32
21	2	MS21044N10	NUT, SELF LOCKING, 5/8-18 THREAD, NYLON INSERT, 250 DEG
22	2	MS21919WDG9	CLAMP, DIA 9/16", ALUMINUM BAND, CHLOROPRENE CUSHION
23	4	NAS1149D0316J	WASHER, 0.203 ID, 0.016 THK, ALUMINUM
24	4	NAS1149D1063J	WASHER, ALUMINUM, TO FIT DIA 5/8", ANODIZED FINISH
25	12	MS16997-99	SCREW, CAP, SOCKET, HEAD
	12	MS24677-66*	SCREW, CAP, SOCKET, HEAD, DRILLED
	12	NAS1352-6H16P*	SCREW, CAP, SOCKET, HEAD, DRILLED
26	2	075-04200	TORQUE PLATE

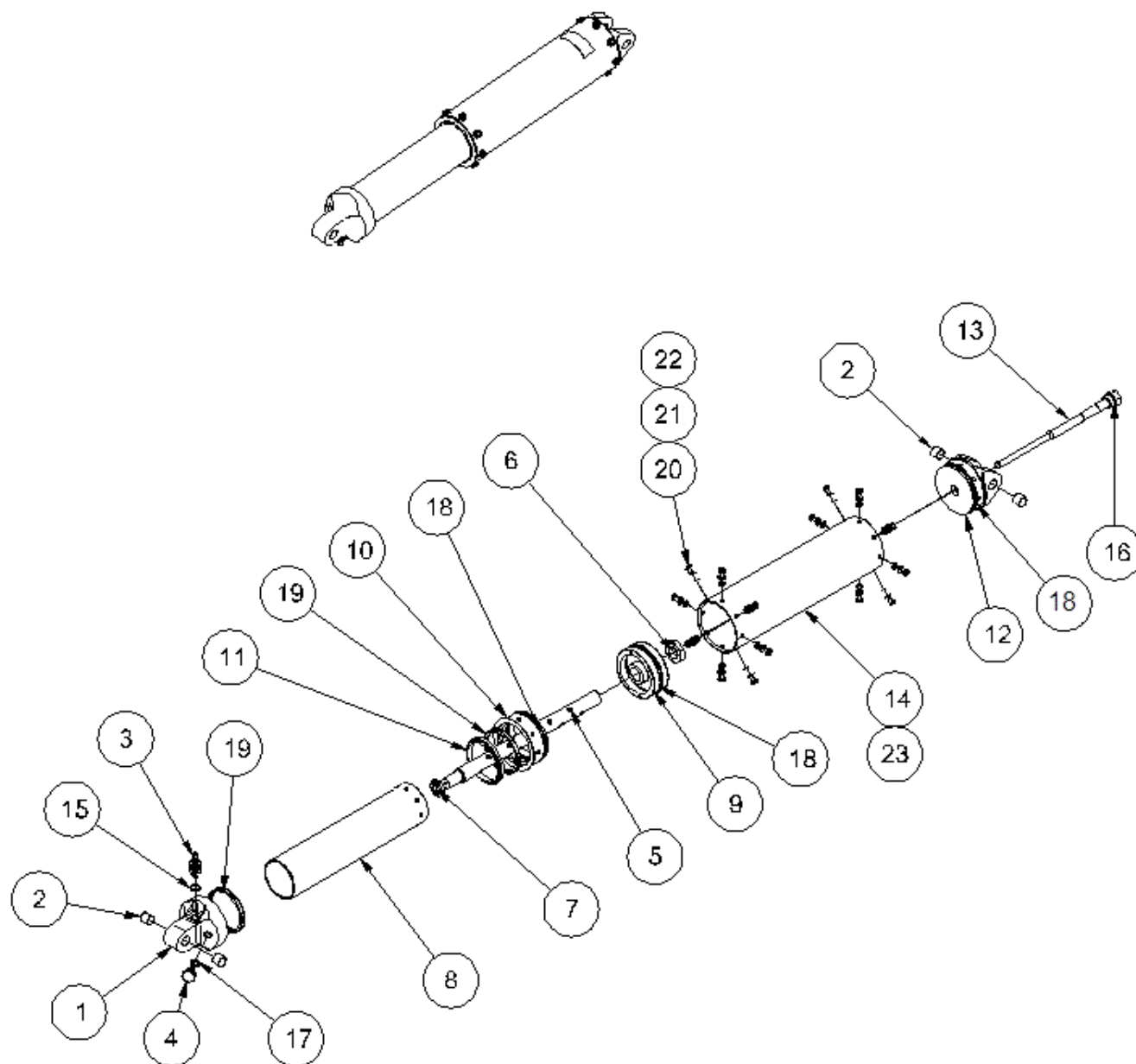
*Options for safety-wired torque plate fasteners. See Service Letter 276 for details.

**OLEO SHOCK STRUT ASSEMBLY (T-SEALS INSTALLED,
FLOAT SERIAL NUMBERS 10477 & 10478 AND LATER,
BACKWARDS COMPATIBLE)**



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1013094	SHOCK STRUT ASSEMBLY (COMPLETE, IDENTIFIABLE BY BLUE CAPS, GLAND)
-	1	KT13A04-001	OLEO REBUILD KIT (INCLUDES ITEMS 11, 15, 16, 17, 18, 19)
1	1	1012874	CAP - UPPER END (BLUE)
2	4	10DU10	TEFLON LINED BEARING, 5/8" DIA, 5/8" LENGTH
3	1	MS28889-2	VALVE
4	1	6A04271-003	PLUG
5	1	1001031	METERING TUBE
6	1	6A04276-001	NUT, CHECK, SHOCK STRUT LOWER
7	1	6A04275-001	NUT, CHECK, SHOCK STRUT UPPER
8	1	1013091	INNER CYLINDER
9	1	1013092	PISTON
10	1	1013093	GLAND (BLUE)
11	1	8881910	WIPER (HALLITE INC.)
12	1	1013090	CAP, LOWER END (BLUE)
13	1	13A04261-006	METERING PIN
14	1	13A04119-001	OUTER CYLINDER
15	1	MS28775-015	O RING, DIA 0.551
16	1	MS28775-116	O RING, DIA 0.737, AN6227-14
17	1	MS28775-111	O RING, DIA 0.424, AN6227-9
18	3	1001930	T-SEAL
19	2	1001929	T-SEAL
20	16	NAS6204-2	BOLT, CLOSE TOLERANCE, 1/4-28 UNF, 1.062 GRIP
21	16	MS35333-40	STAR WASHER
22	16	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
23	1	7A3-4089	PLACARD

OLEO SHOCK STRUT ASSEMBLY (T-SEALS INSTALLED, C. 2006 THOUGH FLOAT SN 10476)

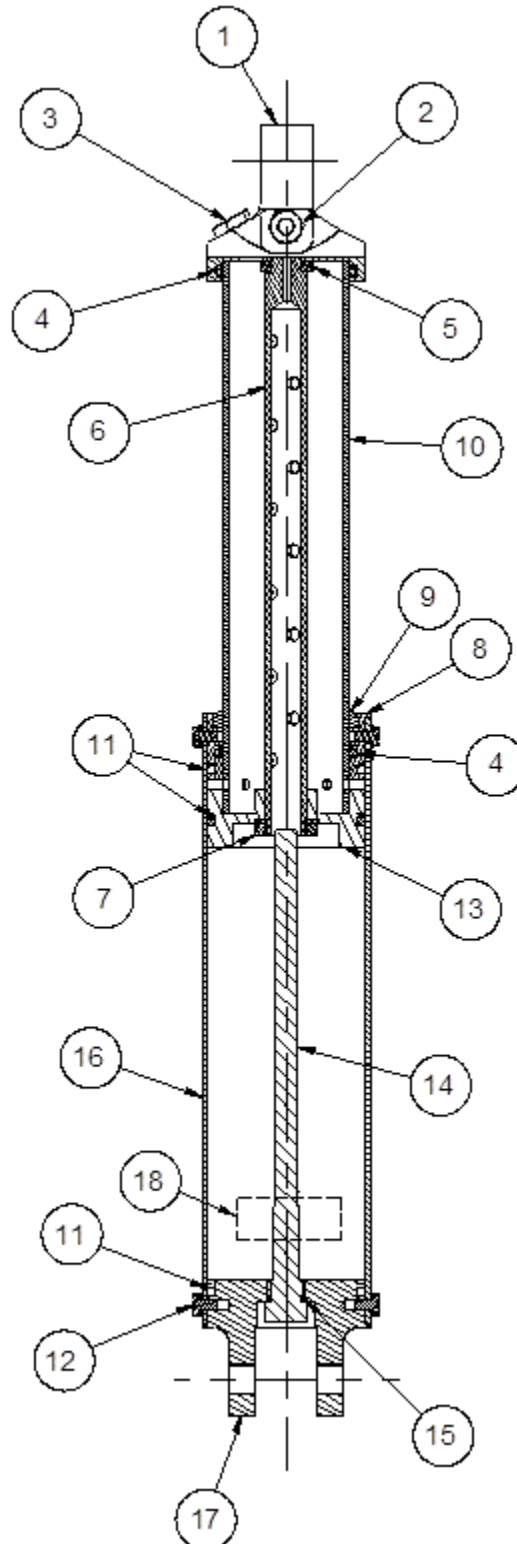


PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	13A04000-059	SHOCK STRUT ASSEMBLY (COMPLETE)
-	1	KT13A04-001	OLEO REBUILD KIT (INCLUDES ITEMS 11, 15, 16, 17, 18, 19)
1	1	13A04098-003	CAP - UPPER END
2	4	10DU10	TEFLON LINED BEARING, 5/8" DIA, 5/8" LENGTH
3	1	MS28889-2	VALVE
4	1	6A04271-003	PLUG
5	1	1001031	METERING TUBE
6	1	6A04276-001	NUT, CHECK, SHOCK STRUT LOWER
7	1	6A04275-001	NUT, CHECK, SHOCK STRUT UPPER
8	1	13A04498-002	INNER CYLINDER
9	1	13A04098-005	PISTON
10	1	13A04297-002	GLAND
11	1	8881910	WIPER (HALLITE INC.)
12	1	13A04098-004	CAP, LOWER END
13	1	13A04261-006	METERING PIN
14	1	13A04119-001	OUTER CYLINDER
15	1	MS28775-015	O RING, DIA 0.551
16	1	MS28775-116	O RING, DIA 0.737, AN6227-14
17	1	MS28775-111	O RING, DIA 0.424, AN6227-9
18	3	1001930	T-SEAL
19	2	1001929	T-SEAL
20	16	NAS6204-2	BOLT, CLOSE TOLERANCE, 1/4-28 UNF, 1.062 GRIP
21	16	MS35333-40	STAR WASHER
22	16	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
23	1	7A3-4089	PLACARD

OLEO SHOCK STRUT ASSEMBLY (O-RINGS INSTALLED, C. 2006 AND PRIOR)

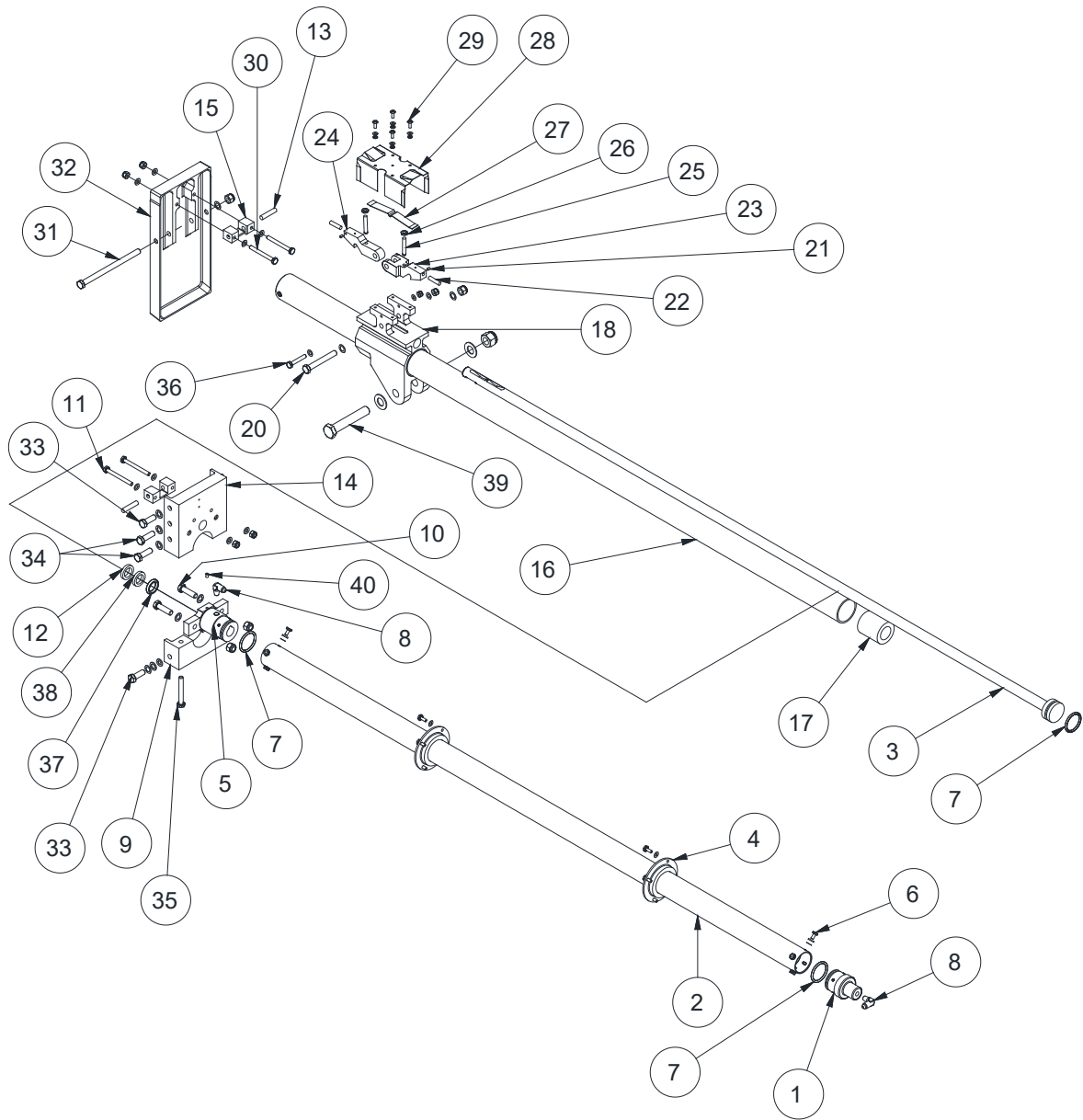


PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	13A04000-059	ASSY SHOCK STRUT (COMPLETE)
1	1	13A04098-003	CAP UPPER END
	1	10DU10	TEFLON LINED BEARING, 5/8" DIA, 5/8" LENGTH
2	1	MS28889-2	VALVE, AIR, HIGH PRESSURE CHARGING, 5000 PSI
	1	MS28775-015	O RING, DIA 0.551
3	1	6A04271-003	CAP-FILLER
	1	MS28775-111	O RING, DIA 0.424, AN6227-9
4	2	MS28775-337	O RING, DIA 2.975
5	1	6A04275-001	NUT, CHECK, SHOCK STRUT UPPER
6	1	1001031	METERING TUBE
7	1	6A04276-001	NUT, CHECK, SHOCK STRUT LOWER
8	1	13A04297-002	GLAND
9	1	8881910	WIPER
10	1	13A04498-002	INNER CYLINDER, SHOCK STRUT
11	3	MS28775-340	O RING, DIA 3.35
12	16	NAS6204-2	BOLT, CLOSE TOLERANCE, 1/4-28 UNF, 1.062 GRIP
	16	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
	16	MS35333-40	STAR WASHER
13	1	13A04098-005	PISTON
14	1	13A04261-006	METERING TUBE
15	1	MS28775-116	O RING, DIA 0.737, AN6227-14
16	1	13A04119-001	OUTER CYLINDER, SHOCK STRUT
17	1	13A04098-004	CAP-LOWER END
	2	10DU10	TEFLON LINED BEARING, 5/8" DIA, 5/8" LENGTH
18	1	7A3-4089	PLACARD

MAIN GEAR RETRACTION (T-SEALS INSTALLED)

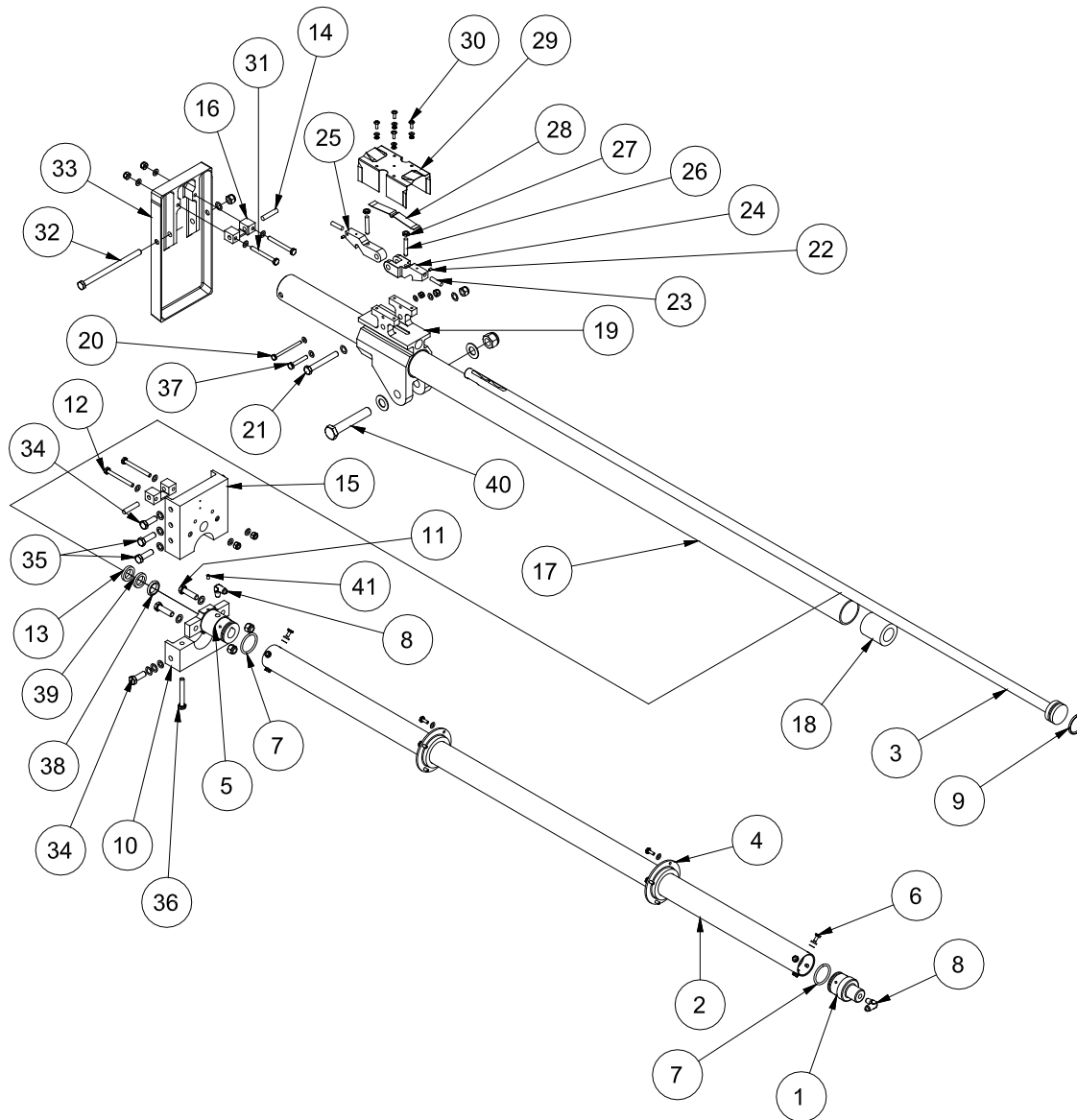


ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1002236	ASSEMBLY CYLINDER - END CAP
2	1	1002010	CYLINDER, RAM, MAIN, 10000 & 13000
3	1	1002224	ASSEMBLY, RAM, MAIN GEAR, 10000 & 13000
4	2	6A05181-001	RING - CYLINDER SUPPORT
	2	MS28775-327	"O" RING, DIA 1.725
	8	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
	8	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	8	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
5	1	1002235	ASSEMBLY CYLINDER FLANGE, MAIN GEAR

ITEM	QTY	PART NO.	PART DESCRIPTION
6	8	NAS6203-2	BOLT
	8	NAS1149D0363J	WASHER, 0.203 ID, 0.063 THK, ALUMINUM
	8	MS35333-39	WASHER - STAR
7	2	1002229	PISTON, T SEAL
8	2	MS20822-4D	ELBOW FITTING, FLARED TUBE AND PIPE THREADS, 90 DEG
9	1	13A05073-004	CAP - FITTING, AFT, SLIDE TUBE
10	2	AN6-12A	BOLT, AIRFRAME, 3/8-24 THREAD, 11/16" GRIP, 1-21/64" LENGTH
	4	NAS1149F0663P	WASHER, 0.39 ID, 0.063 THK, STEEL
	2	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF
11	2	AN4-24A	BOLT, AIRFRAME, 1/4-28 THREAD, 2-1/16" GRIP, CARBON STEEL
	4	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
	2	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
12	1	8880410	WIPER - NYLON
13	2	6A05702-008	PIN, MAIN GEAR LOCK
14	1	13A05064-002	FITTING - AFT, SLIDE TUBE
15	2	6A05193-001	CATCH LOCK HOOK
16	1	13A05120-001	TUBE, SLIDE, MAIN GEAR
17	1	13A05099-001	END, SLIDE TUBE
18	1	1002239	CARRIAGE
	2	32DU16	BUSHING (GARLOCK X 2)
19	1	AN3-25A	BOLT, AIRFRAME, 10-32 THREAD, 2-1/4" GRIP, 2-21/32" LENGTH
	2	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	1	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
20	1	AN6-26A	BOLT SIZE 3/8-24, LENGTH 1/64 - 2-53/64, GRIP LENGTH 2-3/16
	2	NAS1149D0663J	WASHER, 0.39 ID, 0.063 THK, ALUMINUM
	1	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF
21	2	10-32X3/16 S.S.CP	SET SCREW, 10-32 X 3/16 S.S CP
22	2	3A05701-001	MAGNET, HOOK LATCH, MAIN GEAR
23	1	6A05042-001	HOOK - MAIN GEAR LOCK
24	1	6A05041-001	LOCK - MAIN, FWD, 61, 8, 10, 13
25	2	6A05087-001	SCREW, ADJUSTING, MAIN GEAR LOCK
26	2	AN316-4R	JAMB NUT
27	1	6A05533-001	SPRING - LOCK
28	1	6A05158-019	COVER - CARRIAGE
29	4	AN526-832R8	SCREW - COVER ATTACH
	4	NAS1149FN816P	WASHER, 0.174 ID, 0.016 THK, STEEL
	4	MS35333-38	STAR WASHER
30	2	AN4-24A	BOLT, AIRFRAME, 1/4-28 THREAD, 2-1/16" GRIP, CARBON STEEL
	4	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
	2	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
31	1	AN6-56A	BOLT, AIRFRAME, 3/8-24 THREAD, 5-3/16" GRIP, 5-53/64 LENGTH

ITEM	QTY	PART NO.	PART DESCRIPTION
	1	NAS1149F0663P	WASHER, 0.39 ID, 0.063 THK, STEEL
	1	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF
32	1	13A01210-003	FITTING FWD TUNNEL
33	4	AN6-10A	BOLT, AIRFRAME, 3/8-24 THREAD, 7/16" GRIP, 1-5/64" LENGTH
	4	MS1149D0663J	WASHER
	4	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF
34	4	AN6-11A	BOLT, 3/8-24, 0.5625 GRIP, UNDRILLED, STEEL
	4	NAS1149D0663J	WASHER, 0.39 ID, 0.063 THK, ALUMINUM
	4	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL 5/16-24
35	2	AN5H22A	BOLT, AIRFRAME, 5/16-24 THREAD, 1-13/16" GRIP, STEEL CAD
	2	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
	2	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL 5/16-24
36	1	AN4-14A	BOLT, 1/4-28, 1.0625 GRIP, UNDRILLED, STEEL
	2	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
	1	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
37	2	1002231	ROD, T SEAL
38	1	6A05580-004	WIPER, MAIN GEAR, 8000, 10, 61
39	1	AN10-34A	BOLT, 5/8-18 THREAD, 2-11/16" GRIP, 3-41/64" LENGTH
	2	NAS1149D1032J	WASHER
	1	MS21044N10	NUT, LOCKING, REGULAR HEIGHT, 5/8-18 UNF
40	1	1214K1	COVER, OIL COVER DRIVE IN

MAIN GEAR RETRACTION (O-RINGS INSTALLED)



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	6A05268-001	CYLINDER - END CAP
2	1	13A05116-005	CYLINDER - OUTSIDE
3	1	13A05000-012	ASSEMBLY - RAM
4	2	6A05181-001	RING - CYLINDER SUPPORT
	2	MS28775-327	"O" RING, DIA 1.725
	8	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
	8	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	8	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
5	1	6A05199-001	FLANGE - CYLINDER END

ITEM	QTY	PART NO.	PART DESCRIPTION
6	8	NAS6203-2	BOLT
	8	NAS1149D0363J	WASHER, 0.203 ID, 0.063 THK, ALUMINUM
	8	MS35333-39	WASHER - STAR
7	2	MS28775-220	O RING, DIA 1.359, AN6227-25
8	2	MS20822-4D	ELBOW FITTING, FLARED TUBE AND PIPE THREADS, 90 DEG
9	1	MS28775-219	O RING, DIA 1.296, AN6227-24
10	1	13A05073-004	CAP - FITTING, AFT, SLIDE TUBE
11	2	AN6-12A	BOLT, AIRFRAME, 3/8-24 THREAD, 11/16" GRIP, 1-21/64" LENGTH
	4	NAS1149F0663P	WASHER, 0.39 ID, 0.063 THK, STEEL
	2	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF
12	2	AN4-24A	BOLT, AIRFRAME, 1/4-28 THREAD, 2-1/16" GRIP, CARBON STEEL
	4	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
	2	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
13	1	8880410	WIPER - NYLON
14	2	6A05702-008	PIN, MAIN GEAR LOCK
15	1	13A05064-002	FITTING - AFT, SLIDE TUBE
16	2	6A05193-001	CATCH LOCK HOOK
17	1	13A05120-001	TUBE, SLIDE, MAIN GEAR
18	1	13A05099-001	END, SLIDE TUBE
19	1	13A05316-001	CARRIAGE WITH BUSHINGS
	2	32DU16	BUSHING (GARLOCK X 2)
20	1	AN3-25A	BOLT, AIRFRAME, 10-32 THREAD, 2-1/4" GRIP, 2-21/32" LENGTH
	2	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	1	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
21	1	AN6-26A	BOLT SIZE 3/8-24, LENGTH 1/64 - 2-53/64, GRIP LENGTH 2-3/16
	2	NAS1149D0663J	WASHER, 0.39 ID, 0.063 THK, ALUMINUM
	1	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF
22	2	1032NF X 3/16	SET SCREW - MAGNET
23	2	3A05701-001	MAGNET, HOOK LATCH, MAIN GEAR
24	1	6A05042-001	HOOK - MAIN GEAR LOCK
25	1	6A05041-001	LOCK - MAIN, FWD, 61, 8, 10, 13
26	2	6A05087-001	SCREW, ADJUSTING, MAIN GEAR LOCK
27	2	AN316-4R	JAMB NUT
28	1	6A05533-001	SPRING, MAIN GEAR LOCK
29	1	6A05158-019	COVER - CARRIAGE
30	4	AN526-832R8	SCREW - COVER ATTACH
	4	NAS1149FN816P	WASHER, 0.174 ID, 0.016 THK, STEEL
	4	MS35333-38	STAR WASHER
31	2	AN4-24A	BOLT, AIRFRAME, 1/4-28 THREAD, 2-1/16" GRIP, CARBON STEEL
	4	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
	2	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF

PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
32	1	AN6-56A	BOLT, AIRFRAME, 3/8-24 THREAD, 5-3/16" GRIP, 5-53/64 LENGTH
	1	NAS1149F0663P	WASHER, 0.39 ID, 0.063 THK, STEEL
	1	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF
33	1	13A01210-003	FITTING FWD TUNNEL
34	4	AN6-10A	BOLT, AIRFRAME, 3/8-24 THREAD, 7/16" GRIP, 1-5/64" LENGTH
	4	MS1149D0663J	WASHER
	4	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF
35	4	AN6-11A	BOLT, 3/8-24, 0.5625 GRIP, UNDRILLED, STEEL
	4	MS1149D0663J	WASHER
	4	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL 5/16-24
36	2	AN5H22A	BOLT, AIRFRAME, 5/16-24 THREAD, 1-13/16" GRIP, STEEL CAD
	2	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
	2	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL 5/16-24
37	1	AN4-14A	BOLT, 1/4-28, 1.0625 GRIP, UNDRILLED, STEEL
	2	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
	1	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
38	1	MS28775-314	"O" RING
39	1	6A05580-004	WIPER, MAIN GEAR, 8000, 10, 61
40	1	AN10-34A	BOLT, 5/8-18 THREAD, 2-11/16" GRIP, 3-41/64" LENGTH
	2	NAS1149D1032J	WASHER
	1	MS21044N10	NUT, LOCKING, REGULAR HEIGHT, 5/8-18 UNF
41	1	1214K1	COVER, OIL COVER DRIVE IN

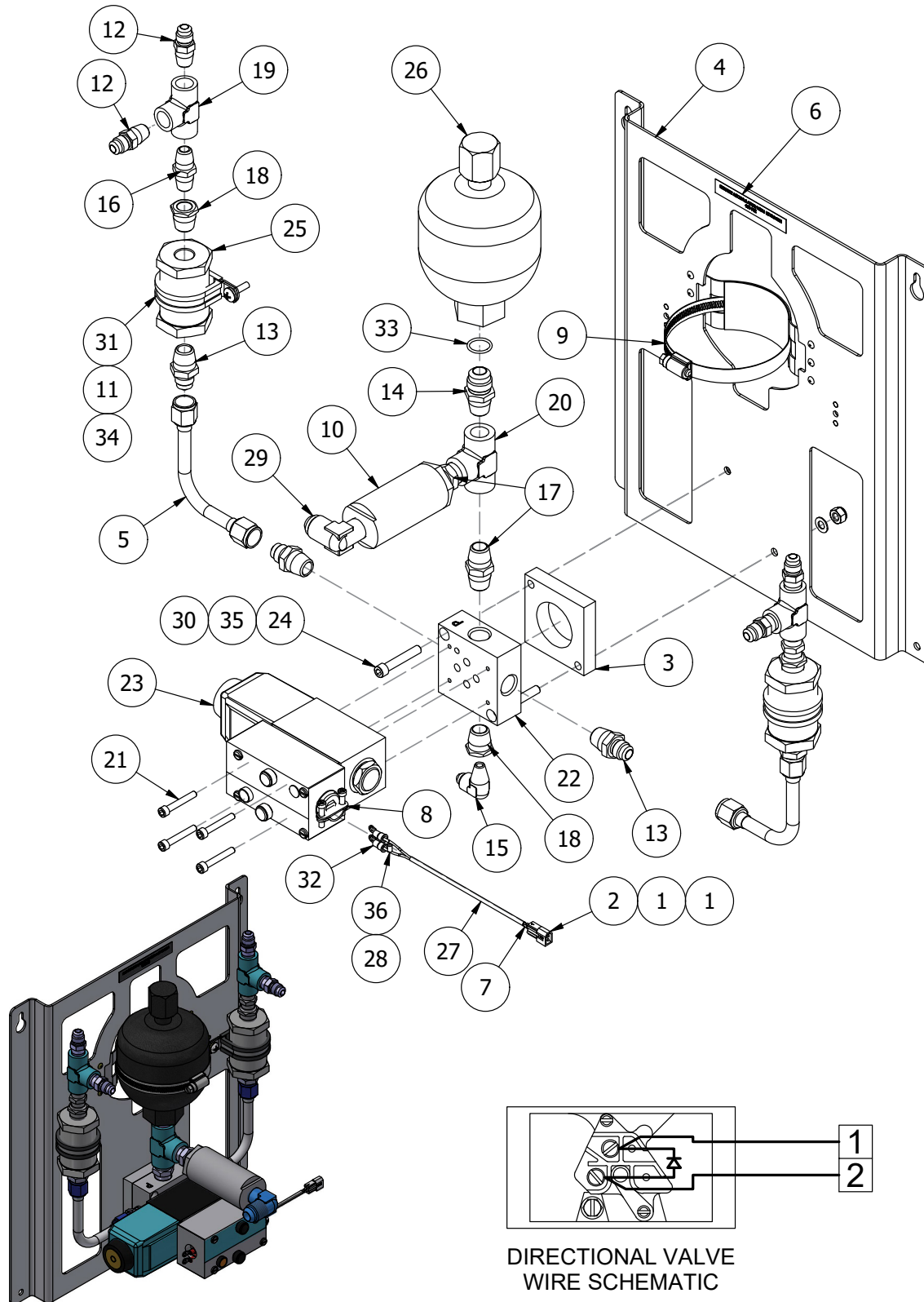
SECTION 4 HYDRAULICS

CONTENTS

DIRECTIONAL VALVE ASSEMBLY FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	164
ACCUMULATOR ASSEMBLY FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR.....	166
BYPASS FILTER ASSEMBLY FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR.....	168
INSTALLATION BRAKE LINES	169
ASSEMBLY, ELECTRICAL PLATE FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER.....	170
HYDRAULIC PUMP MOUNT BRACKET ASSEMBLY POST SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10241A & 10242A THRU 10407A & 10408A.....	172
HYDRAULIC POWERPACK ASSEMBLY FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	174
INSTALLATION HYDRAULIC PUMP AT-802A POST SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10241A & 10242A THRU 10407A & 10408A.....	176
INSTALLATION HYDRAULIC PUMP AT-802A PRE SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10239A & 10240A AND PRIOR.....	178
INSTALLATION HYDRAULIC PUMP AT-802 POST SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10241A & 10242A THRU 10407A & 10408A.....	180
INSTALLATION HYDRAULIC PUMP AT-802 PRE SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10239A & 10240A AND PRIOR.....	182
INSTALLATION HYDRAULIC SYSTEM FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	184
HYDRAULIC POWERPACK ASSEMBLY POST SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10241A & 10242A THRU 10407A & 10408A	186
HYDRAULIC POWERPACK ASSEMBLY PRE SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10239A & 10240A AND PRIOR	188
HYDRAULIC PUMP OVERVIEW POST SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10241A & 10242A AND LATER	190
HYDRAULIC PUMP OVERVIEW PRE SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10239A & 10240A AND PRIOR.....	192
HYDRAULIC HAND PUMP STANDARD INSTALLATION	194
HYDRAULIC HAND PUMP AT-802 WITH FCU CONTROL ASSEMBLY INSTALLATION	196
HYDRAULIC SCHEMATIC FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	197
HYDRAULIC SCHEMATIC FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR	199

DIRECTIONAL VALVE ASSEMBLY

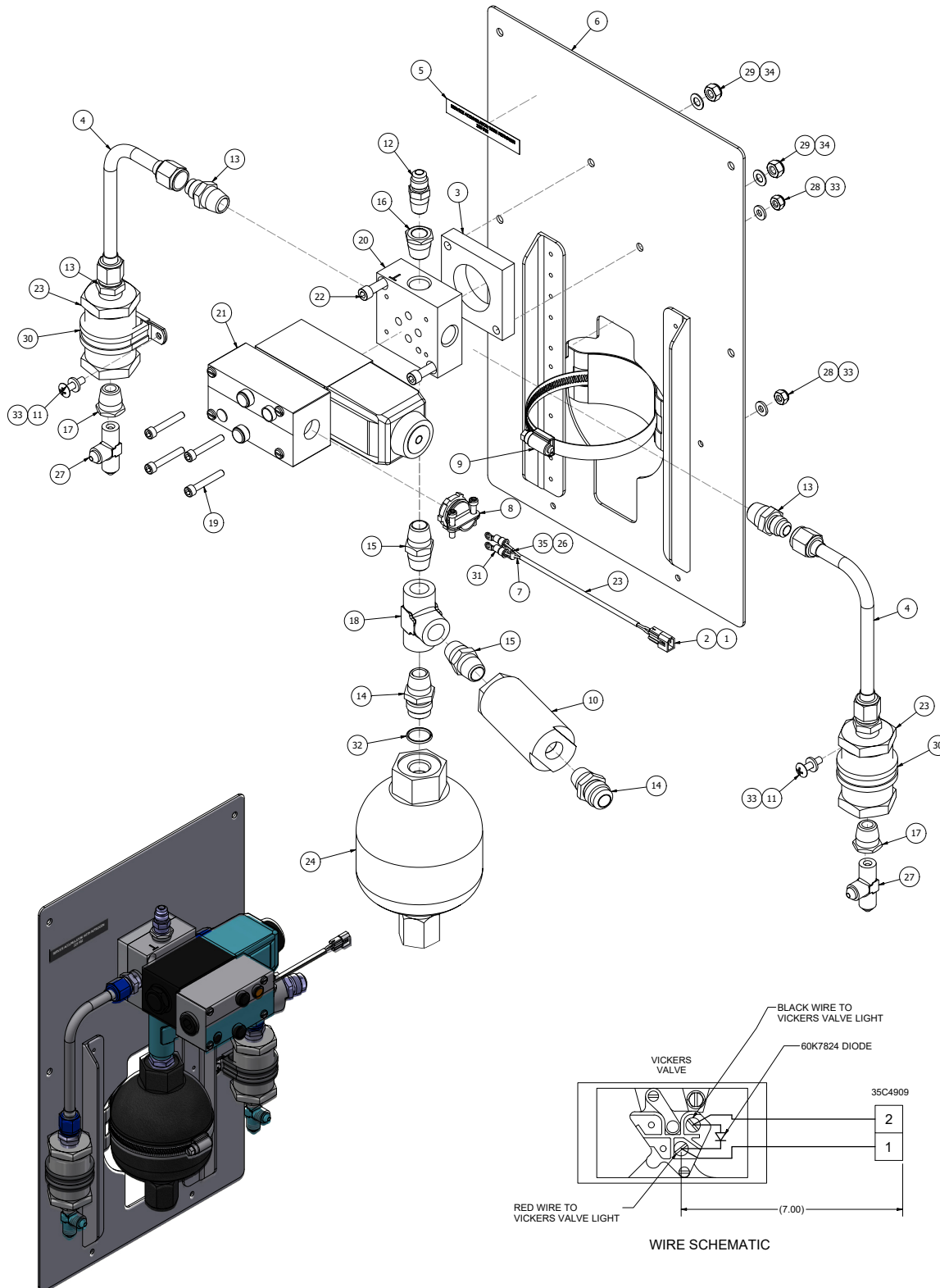
FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012616	ASSEMBLY, DIRECTIONAL VALVE
1	2	02-06-2103	CRIMP TERMINAL, MALE, 22-18
2	1	03-06-2023	CONNECTOR HOUSING, PLUG, 2 POS
3	1	1002277	SPACER-MANIFOLD, HYDRAULIC SYSTEM, AT-802 W/B
4	1	1012613	ASSEMBLY, MOUNTING PLATE, DIRECTIONAL VALVE
5	2	1012614	ASSEMBLY, HYDRAULIC LINE
6	1	1012615	PLACARD, ACCUMULATOR PRESSURE
7	1	22759-16-20-9	WIRE, 20 AWG, WHITE
8	1	2711	CABLE/CORD CONNECTOR, 1/2"
9	1	5764	CLAMP, HOSE
10	1	9053-10	FILTER, 3/8" IN LINE, 10M
	1	EK9052-10	ELEMENT AND SEAL KIT
11	2	AN526-1032R12	SCREW, MACHINE, TRUSS HEAD
12	4	AN816-5-4D	NIPPLE, FLARED TUBE AND PIPE THREAD
13	4	AN816-6-6D	NIPPLE, FLARED TUBE AND PIPE THREAD
14	1	AN816-8D	NIPPLE, FLARED TUBE AND PIPE THREAD
15	1	AN822-6D	ELBOW
16	2	AN911-2D	NIPPLE
17	2	AN911-3D	NIPPLE
18	3	AN912-2D	BUSHING, REDUCER
19	2	AN917-2D	FITTING, TEE, INTERNAL PIPE THREAD
20	1	AN917-3D	FITTING, TEE, INTERNAL PIPE THREAD
21	1	BK590716	BOLT MOUNTING KIT
22	1	DD03SPS6P	VALVE, MANIFOLD, 3/8" NPT
23	1	DG4V32ALM PBWLH760	SOLENOID VALVE
24	2	H-K73068	BOLT, SKT HD, .250-28 UNF X 1.125
25	2	HPF-50-Q-6-S	FILTER, INLINE, BI-DIRECTIONAL
	2	9751K123	O-RING (AS568-912 B90 EQUIVALENT)
26	1	JR25000	ACCUMULATOR
27	1	M23053/5-104-0	HEAT SHRINK, BLACK, 1/8"
28	1	M23053/5-104-9	HEAT SHRINK, WHITE, 1/8"
29	1	MS20822-8D	ELBOW, PIPE TO TUBE
30	2	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
31	2	MS21919WDG23	CLAMP, 1.438 ID, ALU.
32	2	MS25036-102	RING TERMINAL, #6 STUD, 16-22 AWG, RED
33	1	MS28775-016	"O" RING, HYDRAULIC
34	2	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
35	2	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
36	1	P6KE39A	DIODE, AXIAL, LEADED, 600 W, 3.5/5.0 V

ACCUMULATOR ASSEMBLY

FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR



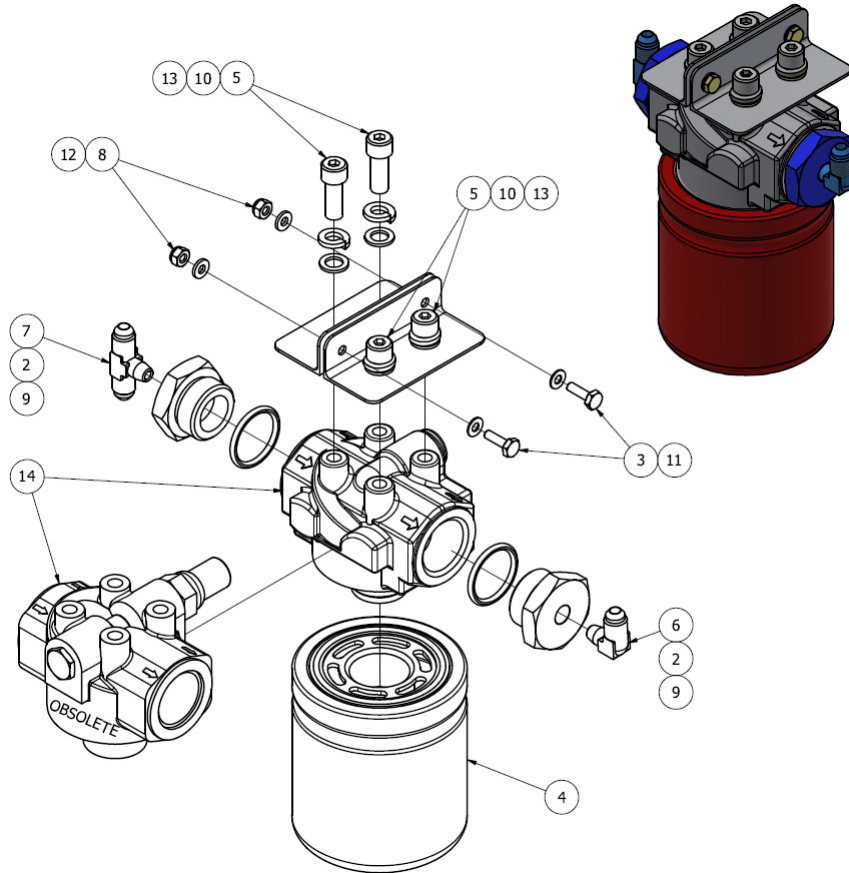
PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1003665	ASSEMBLY, ACCUMULATOR
1	2	02-06-2103	CRIMP TERMINAL, MALE, 22-18
2	1	03-06-2023	CONNECTOR HOUSING, PLUG, 2 POS
3	1	1002277	SPACER-MANIFOLD, HYDRAULIC SYSTEM, AT-802 W/B
4	2	1002822	TUBE ASSY-HYDRAULIC SYSTEM, AT802
5	1	1012203	PLACARD, ACCUMULATOR PRESSURE
6	1	10A09000-296	ASSEMBLY, ACCUMULATOR MOUNT
7	14"	22759-16-20-9	WIRE, 20 AWG, WHITE
8	1	2711	CABLE/CORD CONNECTOR, 1/2"
9	1	5764	CLAMP, HOSE
10	1	9053-10	FILTER, 3/8" IN LINE, 10M
	1	EK9052-10	ELEMENT AND SEAL KIT
11	2	AN526-1032R12	SCREW, MACHINE, TRUSS HEAD
12	1	AN816-5-4D	NIPPLE, FLARED TUBE AND PIPE THREAD
13	4	AN816-6-6D	NIPPLE, FLARED TUBE AND PIPE THREAD
14	2	AN816-8D	NIPPLE, FLARED TUBE AND PIPE THREAD
15	2	AN911-3D	NIPPLE
16	1	AN912-2D	BUSHING, REDUCER
17	2	AN912-3D	BUSHING, REDUCER
18	1	AN917-3D	FITTING, TEE, INTERNAL PIPE THREAD
19	1	BK590716	BOLT MOUNTING KIT
20	1	DD03S56P	VALVE, MANIFOLD, 3/8" NPT
21	1	DG4V32ALMPB WLH760	SOLENOID VALVE
22	2	H-K73068	BOLT, SKT HD, .250-28 UNF X 1.125
23	2	HPF-50-Q-6-S	FILTER, INLINE, BI-DIRECTIONAL
	2	9751K123	O-RING (AS568-912 B90 EQUIVALENT)
24	1	JR25000	ACCUMULATOR
-	1	AD032B21T9A1	ACCUMULATOR (ALTERNATE)
25	4.5"	M23053/5-104-0	HEAT SHRINK, BLACK, 1/8"
26	.5"	M23053/5-104-9	HEAT SHRINK, WHITE, 1/8"
27	2	MS20826-5D	FITTING, TEE
28	2	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
29	2	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
30	2	MS21919WDG23	CLAMP, 1.438 ID, ALU.
31	2	MS25036-102	RING TERMINAL, #6 STUD, 16-22 AWG, RED
32	1	MS28775-016	O-RING, HYDRAULIC
33	4	NAS1149D0363J	WASHER, 0.203 ID, 0.063 THK, ALUMINUM
34	2	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
35	1	P6KE39A	DIODE, AXIAL, LEADED, 600 W, 3.5/5.0 V,

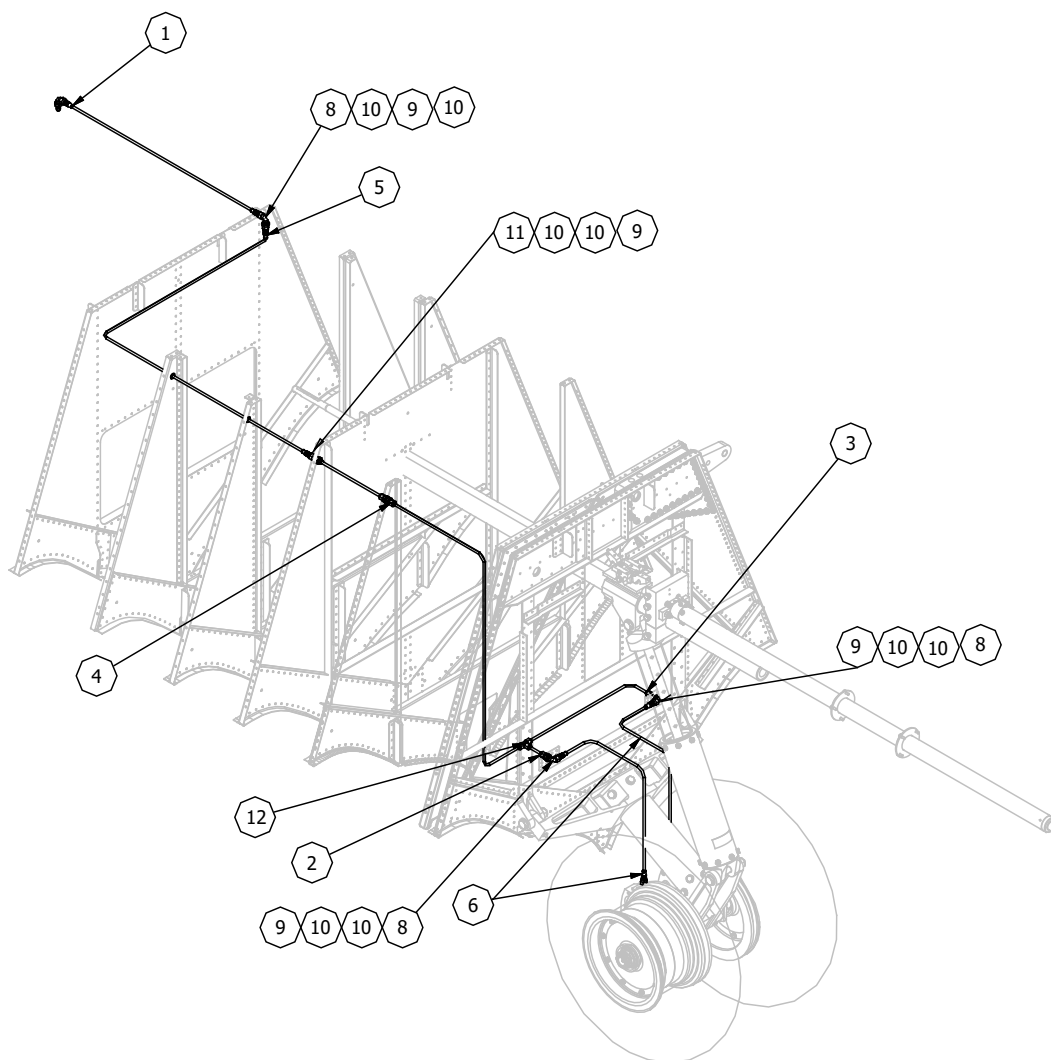
BYPASS FILTER ASSEMBLY

FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1003662	ASSEMBLY, BYPASS FILTER, HYDRAULIC PUMP
1	2	1003647	BRACKET, FILTER MOUNT
2	2	1003648	1" HEX HEAD PLUG
3	2	AN3-5A	BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL
4	1	BT8416	FILTER, BALDWIN
5	4	MS16997-99	SCREW, CAP, SOCKET HEAD
6	1	MS20822-5D	ELBOW, PIPE TO TUBE
7	1	MS20825-5D	TEE, PIPE TO TUBE
8	2	MS21044N3	NUT
9	2	MS28775-217	"O" RING, HYDRAULIC
10	4	MS35338-46	WASHER, SPLIT
11	2	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
12	2	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
13	4	NAS1149F0663P	WASHER, 0.39 ID, 0.063 THK, STEEL
14	1	P167201	FILTER BASE, DONALDSON
-	1	OB8745	(OBSOLETE) FILTER BASE, BALDWIN

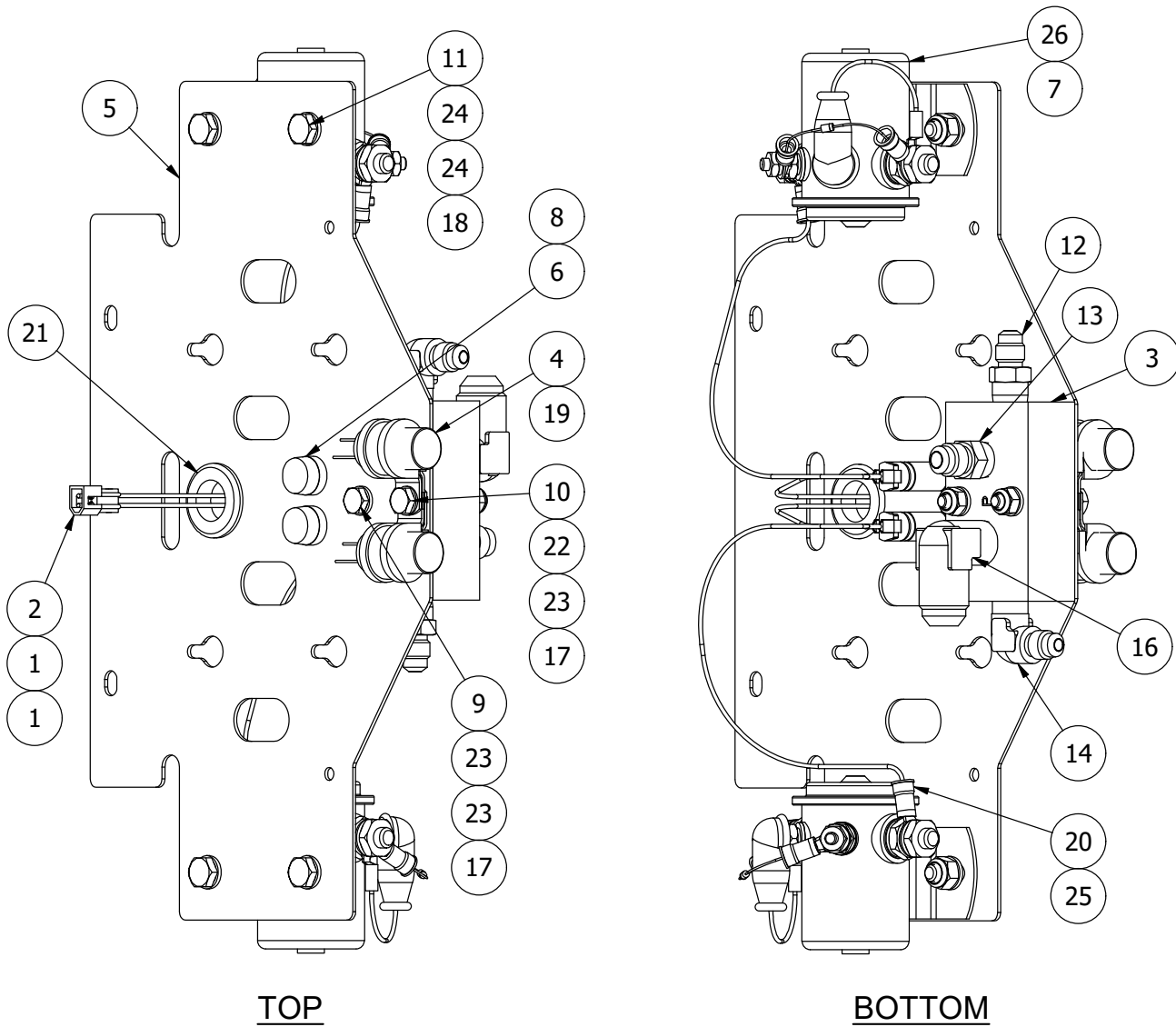
INSTALLATION BRAKE LINES



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	10A04000-121	HYD. LINE, FUSELAGE TO FLOAT DECK BRAKE LINE (62")
2	1	10A04000-122	HYD. LINE, BRAKE "T"
3	1	10A04000-123	HYD. LINE, BRAKE "T"
4	1	10A04000-124	HYD. LINE, "T" TO BULKHEAD
5	1	10A09000-320	HYD. LINE, BRAKE "T" TO TOP DECK
6	2	13A04000-068	HOSE
8	3	AN833-4D	ELBOW, 90 DEG, 1/4" TUBE DIA, 7/16-20 THREAD,
9	4	AN924-4D	NUT, TUBE, 7/16-20 THREAD, ALUMINUM
10	8	NAS1149F0763P	WASHER, AIRFRAME, CARBON STEEL, TO FIT DIA 7/16"
11	1	AN832-4D	UNION BULKHEAD
12	1	AN824-4D	TEE, FLARED TUBE, ALUMINUM, TUBE OD 1/4, THREAD 7/16-20

ASSEMBLY, ELECTRICAL PLATE

FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER



PARTS MANUAL

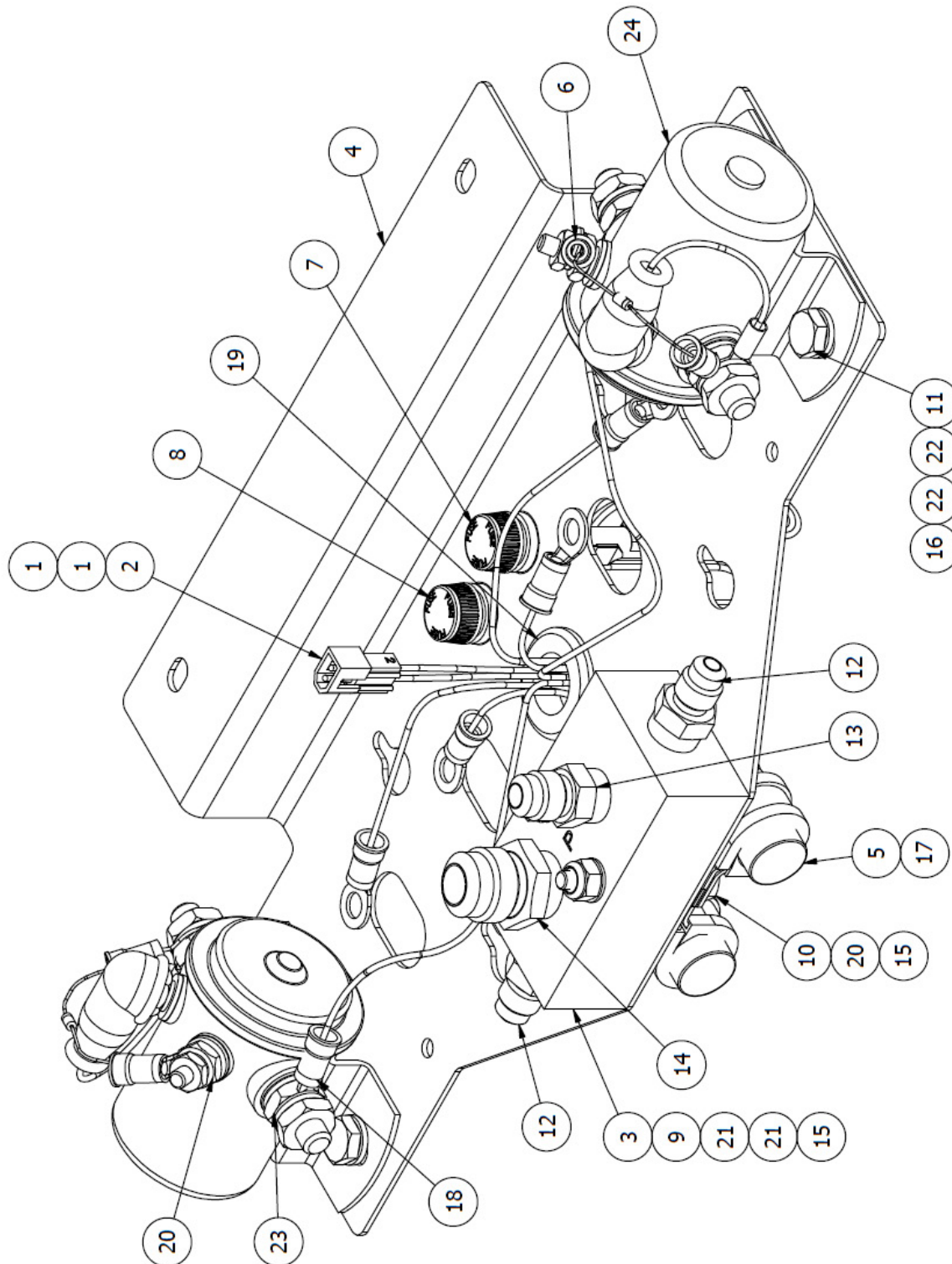
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	2	02-06-2103	CRIMP TERMINAL, MALE, 22-18
2	1	03-06-2023	CONNECTOR HOUSING, PLUG, 2 POS
3	1	1011355	MANIFOLD, HYDRAULIC
4	2	1011798	ASSEMBLY, CAPACITOR
5	1	1012607	ELECTRICAL PLATE, HYDRAULIC PUMP
6	2	3453LF2A	FUSE HOLDER
7	2	3A10000-002	ASSEMBLY, SOLENOID DIODE
8	2	AGC-1	FUSE, 250V, (S2565-1)
9	1	AN3-14A	BOLT, 10-32, 1.125 GRIP, UNDRILLED, STEEL
10	1	AN3-15A	BOLT, 10-32, 1.25 GRIP, UNDRILLED, STEEL
11	4	AN4-5A	BOLT, 1/4-28, 0.1875 GRIP, UNDRILLED, STEEL
12	1	AN816-4-4D	NIPPLE, FLARED TUBE AND PIPE THREAD
13	1	AN816-5-4D	NIPPLE, FLARED TUBE AND PIPE THREAD
14	1	AN822-4-4D	ELBOW, 90 DEGREE, 7/16-20 FLARED TUBE, 1/4 NPT THREAD
15	1	M23053-5-105-9	HEAT SHRINK, TUBING, WHITE, 3/16"
16	1	MS20822-8D	ELBOW, PIPE TO TUBE
17	2	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
18	4	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
19	2	MS21919WDG10	CLAMP, LOOP, CUSHIONED, 5/8 TUBE OD
20	2	MS25036-104	RING TERMINAL, 5/16 STUD, 22-16 AWG, RED
21	1	MS35489-17	GROMMET, RUBBER
22	3	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
23	3	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
24	8	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
25	4	NAS1149F0532P	WASHER, 0.328 ID, 0.032 THK, STEEL
26	2	P52-0035-1	STARTER, 24V

HYDRAULIC PUMP MOUNT BRACKET ASSEMBLY

POST SERVICE LETTER 207

FLOAT SERIAL NUMBERS 10241A & 10242A THRU 10407A & 10408A



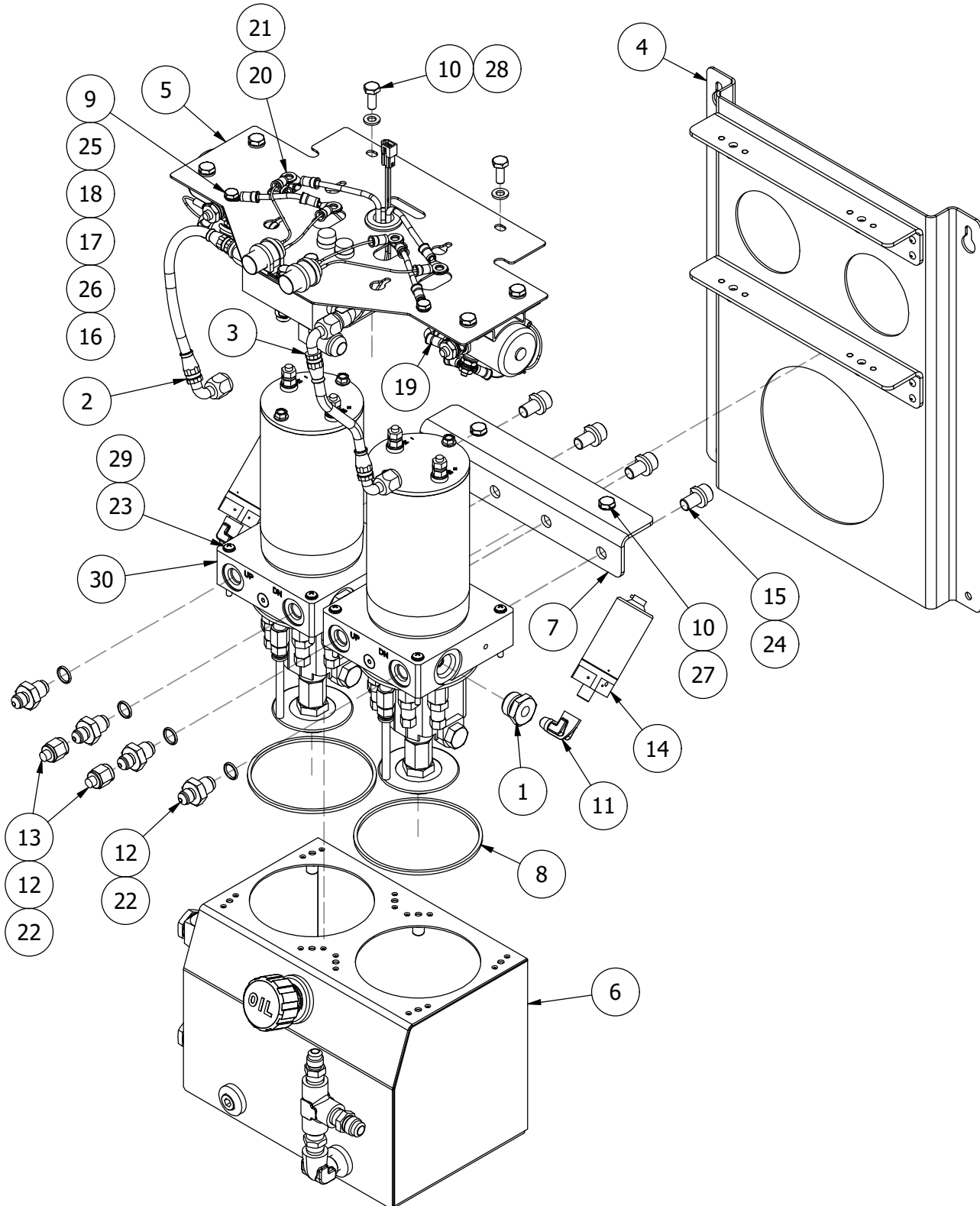
PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011357	ASSEMBLY, BRACKET, PUMP MOUNT
1	2	02-06-2103	CRIMP PIN CONTACT, MALE, 22-18
2	1	03-06-2023	PLUG, HOUSING, 2 POSITION
3	1	1011355	MANIFOLD, HYDRAULIC
4	1	1011356	UPPER BRACKET, HYDRAULIC PUMP
5	2	1011798	ASSEMBLY, CAPACITOR
6	2	3A10000-002	ASSEMBLY, SOLENOID DIODE
7	1	6A09000-128	ASSEMBLY, FUSE HOLDER, RIGHT
8	1	6A09000-129	ASSEMBLY, FUSE HOLDER, LEFT
9	1	AN3-14A	BOLT, 10-32, 1.125 GRIP, UNDRILLED, STEEL
10	1	AN3-15A	BOLT, 10-32, 1.25 GRIP, UNDRILLED, STEEL
11	4	AN4-5A	BOLT, 1/4-28, 0.1875 GRIP, UNDRILLED, STEEL
12	2	AN816-4-4D	NIPPLE, FLARED TUBE AND PIPE THREAD
13	1	AN816-5-4D	NIPPLE, FLARED TUBE AND PIPE THREAD
14	1	AN816-8D	NIPPLE, FLARED TUBE AND PIPE THREAD
15	2	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
16	4	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
17	2	MS21919WDG10	CLAMP, LOOP, CUSHIONED, 5/8 TUBE OD
18	2	MS25036-104	RING TERMINAL, 5/16 STUD, 22-16 AWG, RED
19	1	MS35489-17	GROMMET, RUBBER
20	3	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
21	2	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
22	8	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
23	4	NAS1149F0532P	WASHER, 0.328 ID, 0.032 THK, STEEL
24	2	P52-0035-1	STARTER, 24V

HYDRAULIC POWERPACK ASSEMBLY

FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER

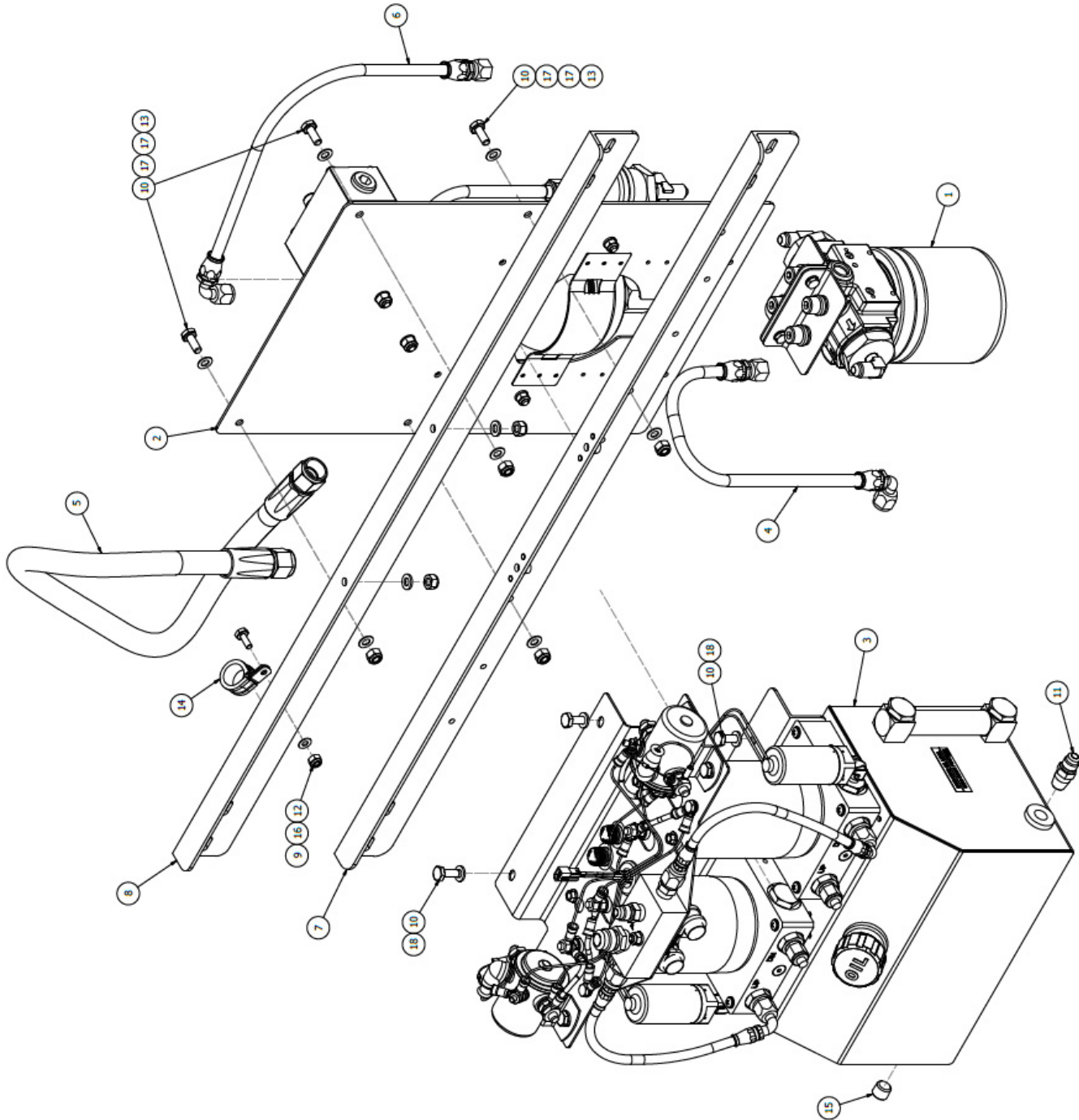


PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	2	1011062	ASSEMBLY, PLUG, PRESSURE SWITCH PORT
2	1	1011361-06	ASSEMBLY, HYDRAULIC HOSE
3	1	1011361-07	HOSE, PUMP TO MANIFOLD
4	1	1012606	ASSEMBLY, MOUNTING PLATE, HYDRAULIC PUMP
5	1	1012608	ASSEMBLY, ELECTRICAL PLATE, HYDRAULIC PUMP
6	1	1012609	ASSEMBLY, RESERVOIR, HYDRAULIC PUMP
7	1	1012610	ANGLE, HYDRAULIC PUMP
8	2	4061T199	SQUARE PROFILE, O-RING, 3.5" I.D., .094 THK
9	2	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
10	4	AN4-5A	BOLT, 1/4-28, 0.1875 GRIP, UNDRILLED, STEEL
11	2	AN914-1D	ELBOW, 90°, INTERNAL EXTERNAL PIPE
12	4	AN919-3D	FITTING, REDUCER
13	2	AN929-4	CAP ASSEMBLY, PRESSURE SEAL, ALUMINUM, TUBE OD 1/4
14	2	GPP1250-40	PRESSURE SWITCH
15	4	MS16997-96	SOCKET HEAD CAP SCREW
16	2	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
17	4	MS25036-103	RING TERMINAL, #10 STUD, 22-16 AWG, RED
18	2	MS25036-112	RING TERMINAL, #10 STUD, 10-12 AWG, YELLOW
19	2	MS25036-113	RING TERMINAL, 5/16 STUD, 10-12 AWG, YELLOW
20	4	MS25036-150	RING TERMINAL, 1/4 STUD, 22-16 AWG, RED
21	4	MS25036-157	RING TERMINAL, 1/4 STUD, 10-12 AWG, YELLOW
22	4	MS28775-013	O RING, DIA 0.426
23	8	MS35206-252	SCREW, MACHINE, PAN HEAD
24	4	MS35338-46	WASHER, SPLIT, CARBON STEEL
25	2	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
26	2	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
27	2	NAS1149F0416P	WASHER, 0.265 ID, 0.016 THK, STEEL
28	2	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
29	8	NAS1149FN832P	WASHER, 0.174 ID, 0.032 THK, STEEL
30	2	YBZS- D0.63W2T100K/ UVZOT2	HYDRAULIC POWER PACK, 24VDC, .64 PUMP

INSTALLATION HYDRAULIC PUMP AT-802A POST SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10241A & 10242A THRU 10407A & 10408A

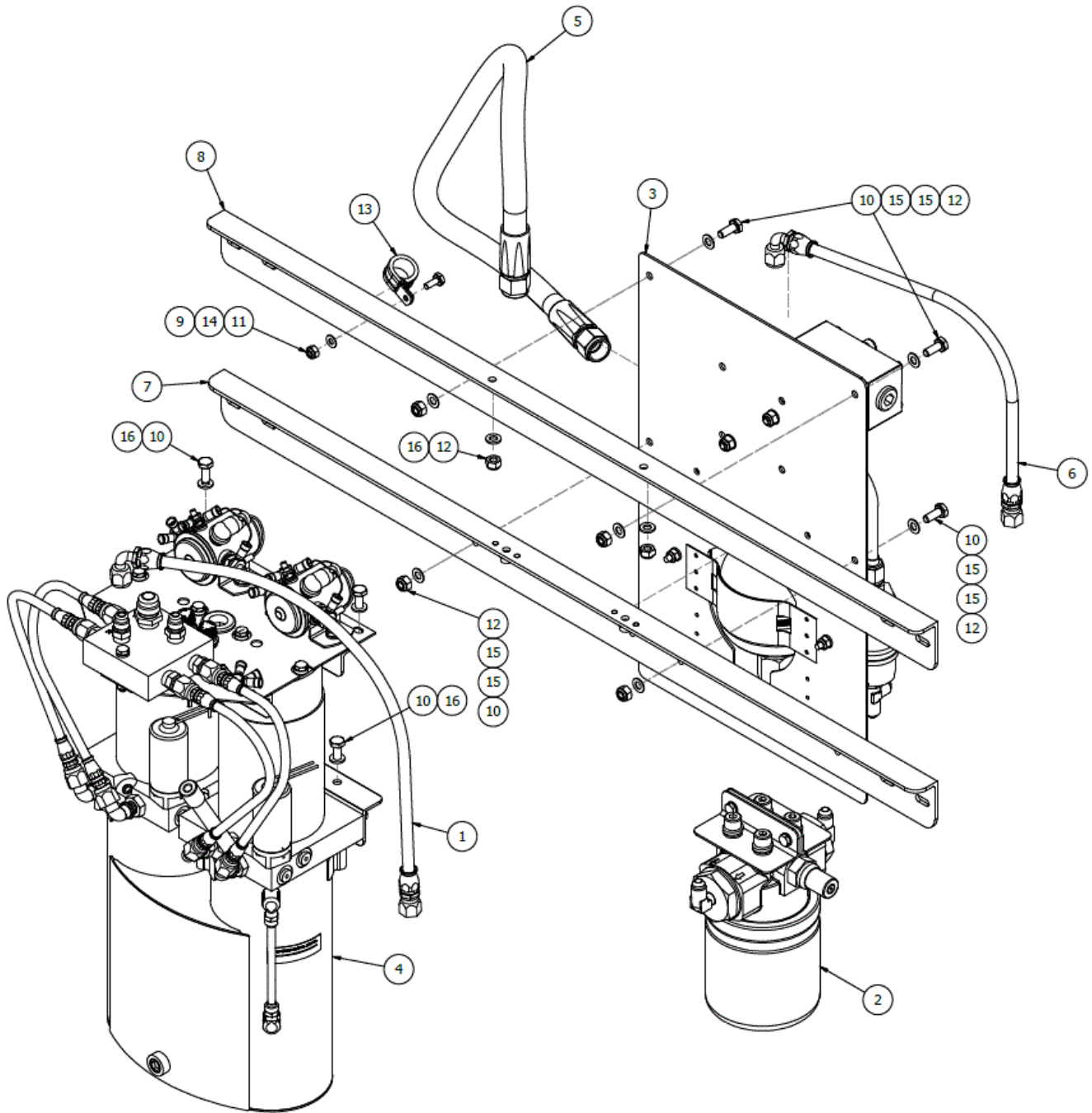


PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	10A12000-079	HYDRAULIC SYSTEM ASSEMBLY AT-802A (1 SEAT)
1	1	1003662	ASSEMBLY, BYPASS FILTER, HYDRAULIC PUMP
2	1	1003665	ASSEMBLY, ACCUMULATOR
3	1	1011360	ASSEMBLY, HYDRAULIC POWER PACK
4	1	1011361-02	HYDRAULIC HOSE ASSEMBLY, FILTER TO RESERVOIR
5	1	10A09000-303	HYD. LINE, ACCUM TO MAN. (30")
6	1	10A09000-304	HYD. LINE, SOLOINOID VALVE TO MAN. RET. (14")
7	1	10A12000-077	ANGLE ASSEMBLY, LOWER MOUNT
8	1	10A12357-083	ANGLE, PUMP MOUNT, UPPER
9	1	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
10	8	AN4-5A	BOLT
11	1	AN816-5-4D	NIPPLE, FLARED TUBE AND PIPE THREAD
12	1	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
13	6	MS21044N4	NUT
14	1	MS21919WDG12	CLAMP
15	1	MS27769D3	PLUG, PIPE, COUNTERSINK HEX HEAD
16	1	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
17	8	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
18	6	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL

*SPIN-ON FILTER/PARTS ADDED WITH MANDATORY SERVICE KIT 75 (DOCUMENT 1002700)

INSTALLATION HYDRAULIC PUMP AT-802A PRE SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10239A & 10240A AND PRIOR



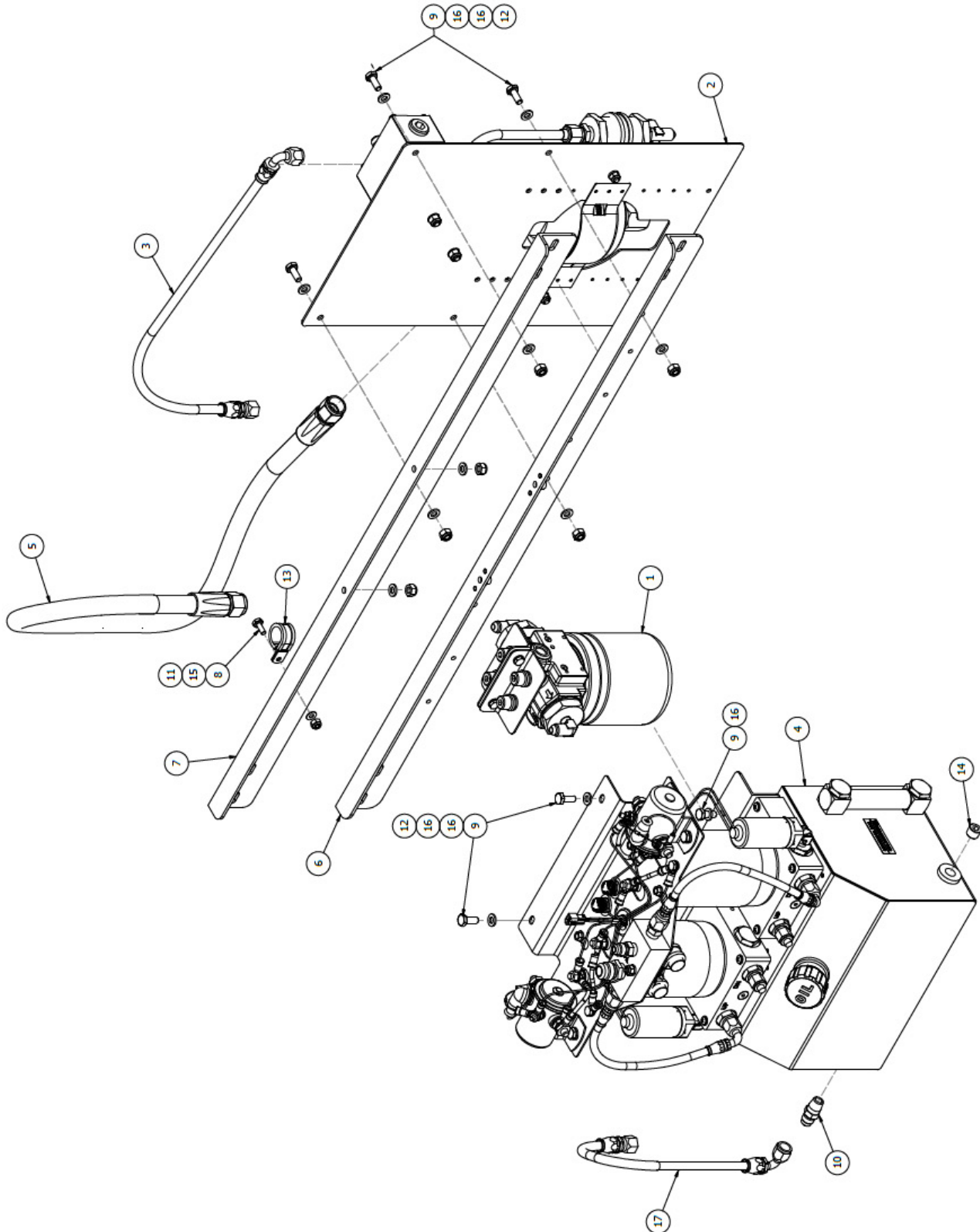
PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	10A12000-079	HYDRAULIC SYSTEM ASSEMBLY AT-802A (1 SEAT)
1	1	1003661	HYDRAULIC LINE, BYPASS FILTER TO MANIFOLD (17")
2	1	1003662	ASSEMBLY, BYPASS FILTER, HYDRAULIC PUMP
3	1	1003665	ASSEMBLY, ACCUMULATOR
4	1	10A09000-294	ASSEMBLY, HYDRUALIC PUMP
5	1	10A09000-303	HYD. LINE, ACCUM TO MAN. (30")
6	1	10A09000-304	HYD. LINE, SOLOINOID VALVE TO MAN. RET. (14")
7	1	10A12000-077	ANGLE ASSEMBLY, LOWER MOUNT
8	1	10A12357-083	ANGLE, PUMP MOUNT, UPPER
9	1	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
10	8	AN4-5A	BOLT, AIRFRAME, 1/4-28 THREAD, 3/16" GRIP, 21/32" LENGTH
11	1	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
12	6	MS21044N4	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 1/4-28
13	1	MS21919WDG12	CLAMP, TO FIT DIA 3/4", CHLOROPRENE CUSHION
14	1	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
15	8	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
16	6	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL

*SPIN-ON FILTER/PARTS ADDED WITH MANDATORY SERVICE KIT 75 (DOCUMENT 1002700)

INSTALLATION HYDRAULIC PUMP AT-802 POST SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10241A & 10242A THRU 10407A & 10408A

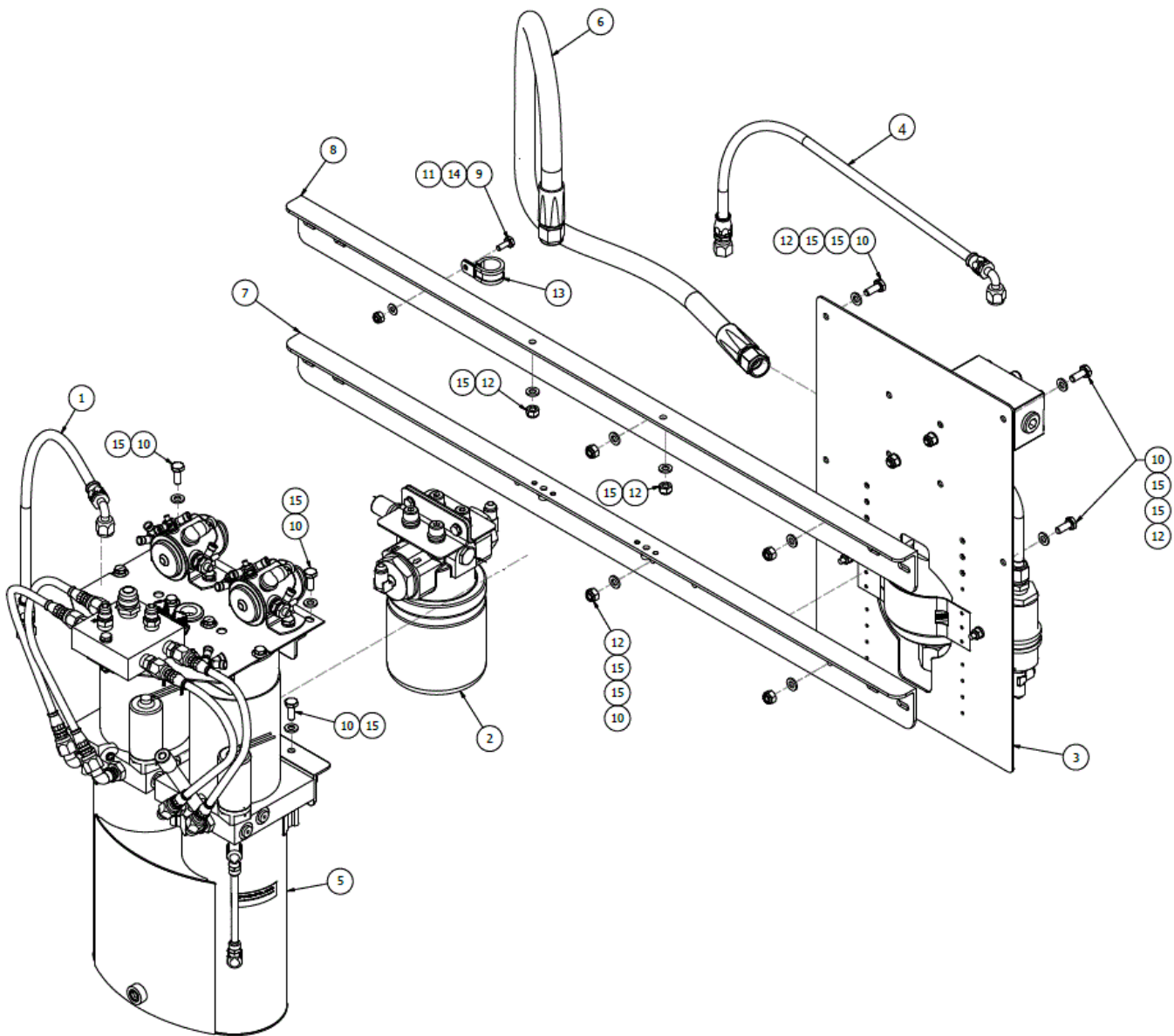


PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1001594	HYDRAULIC SYSTEM ASSEMBLY AT-802 (2 SEAT)
1	1	1003662	ASSEMBLY, BYPASS FILTER, HYDRAULIC PUMP
2	1	1003665	ASSEMBLY, ACCUMULATOR
3	1	1009668	HYD. LINE, SOLENOID VALVE TO MAN. RET. (20")
4	1	1011360	ASSEMBLY, HYDRAULIC POWER PACK
5	1	10A09000-303	HYD. LINE, ACCUM TO MAN. (30")
6	1	10A12000-077	ANGLE ASSEMBLY, LOWER MOUNT
7	1	10A12357-083	ANGLE, PUMP MOUNT, UPPER
8	1	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
9	8	AN4-5A	BOLT
10	1	AN816-5-4D	NIPPLE, FLARED TUBE AND PIPE THREAD
11	1	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
12	6	MS21044N4	NUT
13	1	MS21919WDG12	CLAMP
14	1	MS27769D3	PLUG, PIPE, COUNTERSINK HEX HEAD
15	1	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
16	14	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
17	1	1011361-02	HYDRAULIC HOSE ASSEMBLY, FILTER TO RESERVOIR

*SPIN-ON FILTER/PARTS ADDED WITH MANDATORY SERVICE KIT 75 (DOCUMENT 1002700)

INSTALLATION HYDRAULIC PUMP AT-802 PRE SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10239A & 10240A AND PRIOR

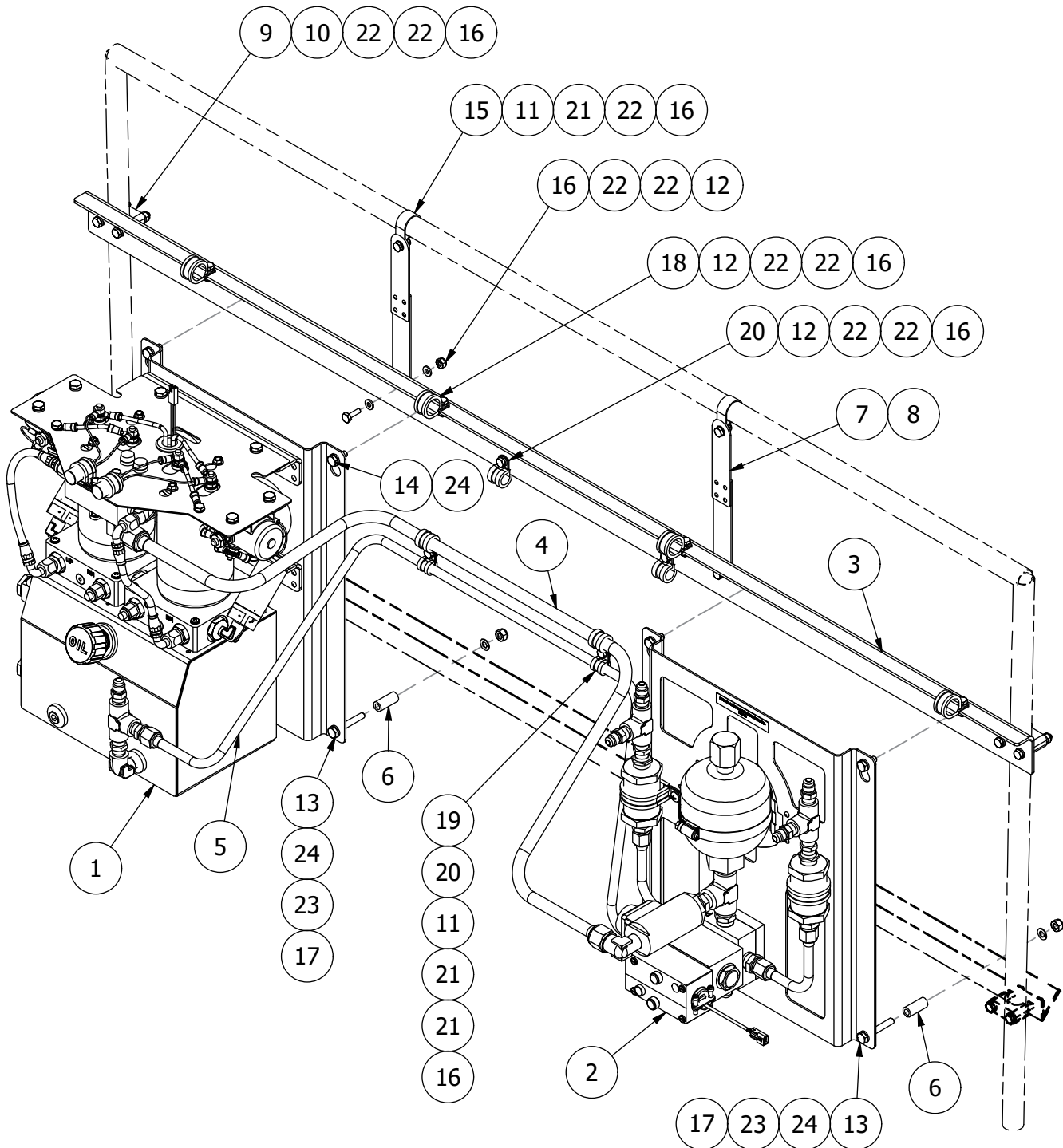


PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1001594	HYDRAULIC SYSTEM ASSEMBLY AT-802 (2 SEAT)
1	1	1003661	HYDRAULIC LINE, BYPASS FILTER TO MANIFOLD (17")
2	1	1003662	ASSEMBLY, BYPASS FILTER, HYDRAULIC PUMP
3	1	1003665	ASSEMBLY, ACCUMULATOR
4	1	1009668	HYD. LINE, SOLOINOID VALVE TO MAN. RET. (20")
5	1	10A09000-294	ASSEMBLY, HYDRUALIC PUMP
6	1	10A09000-303	HYD. LINE, ACCUM TO MAN. (30")
7	1	10A12000-077	ANGLE ASSEMBLY, LOWER MOUNT
8	1	10A12357-083	ANGLE, PUMP MOUNT, UPPER
9	1	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
10	8	AN4-5A	BOLT, AIRFRAME, 1/4-28 THREAD, 3/16" GRIP, 21/32" LENGTH
11	1	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
12	6	MS21044N4	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 1/4-28
13	1	MS21919WDG12	CLAMP, TO FIT DIA 3/4", CHLOROPRENE CUSHION
14	1	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
15	14	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL

*SPIN-ON FILTER/PARTS ADDED WITH MANDATORY SERVICE KIT 75 (DOCUMENT 1002700)

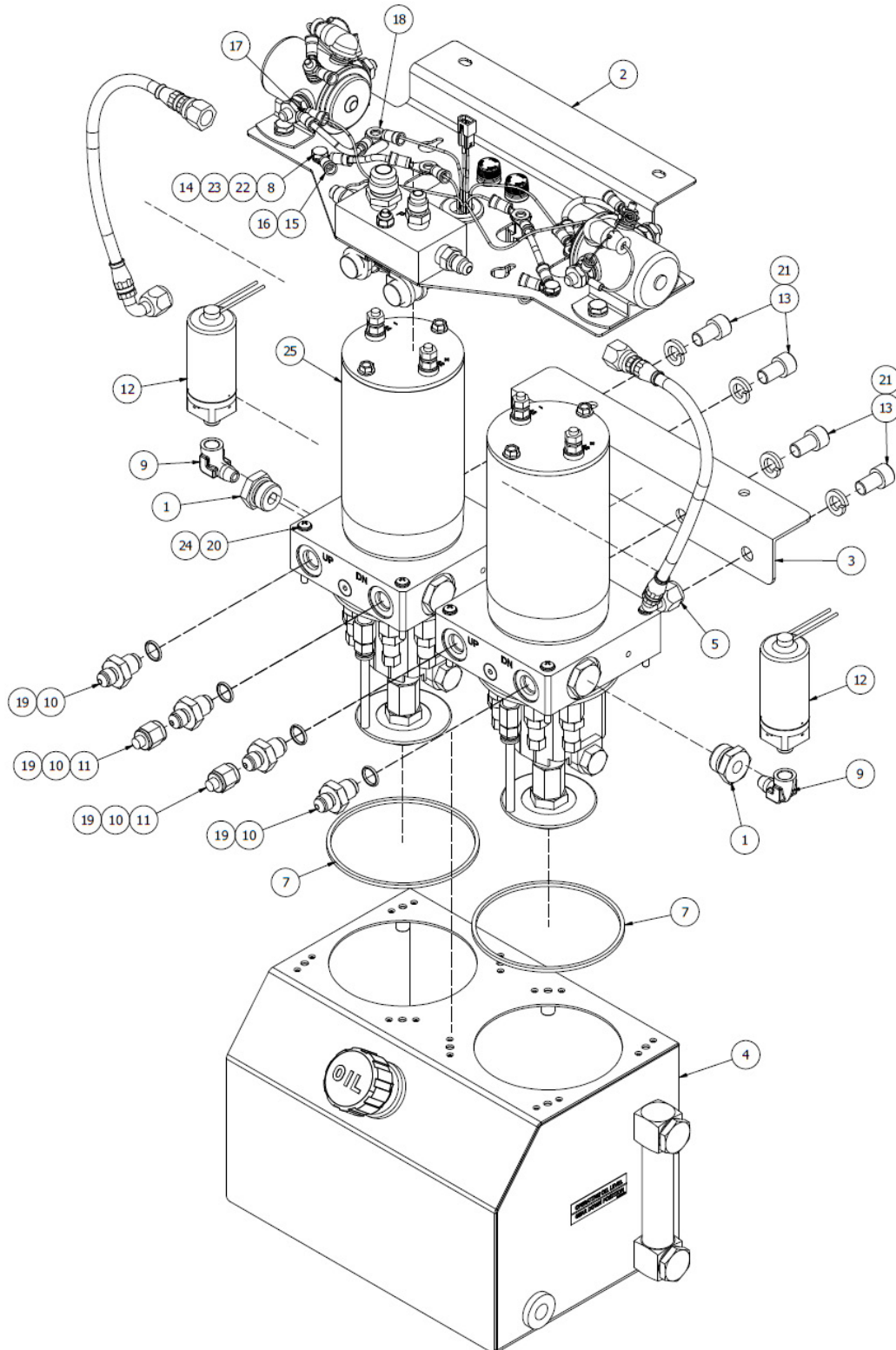
INSTALLATION HYDRAULIC SYSTEM FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER



PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1012611	ASSEMBLY, HYDRAULIC POWER PACK
2	1	1012616	ASSEMBLY, DIRECTIONAL VALVE
3	1	1012618	ASSEMBLY, FUSELAGE, UPPER MOUNT HYD. PUMP
4	1	1012619	ASSEMBLY, HYDRAULIC LINE, PUMP TO DIR. VALVE, PRESSURE
5	1	1012620	ASSEMBLY, HYDRAULIC LINE, PUMP TO DIR. VALVE, RETURN
6	4	1012625	SPACER
7	2	1012626	MOUNTING SUPPORT BRACKET, UPPER, HYD. PUMP
8	2	1012627	MOUNTING SUPPORT BRACKET, LOWER, HYD. PUMP
9	2	10A12214-007	CLAMP - BRACE - STEERING
10	4	AN3-16A	BOLT, 10-32, 1.375 GRIP, UNDRILLED, STEEL
11	4	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
12	8	AN3-5A	BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL
13	4	AN4-15A	BOLT, 1/4-28, 1.1875 GRIP, UNDRILLED, STEEL
14	4	AN4-5A	BOLT, 1/4-28, 0.1875 GRIP, UNDRILLED, STEEL
15	2	AN742D14	CLAMP, LOOP
16	16	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
17	4	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
18	4	MS21919WDG12	CLAMP, LOOP, CUSHIONED, 3/4 TUBE OD
19	2	MS21919WDG6	CLAMP, LOOP, CUSHIONED, 3/8 TUBE OD
20	4	MS21919WDG8	CLAMP, LOOP, CUSHIONED, 1/2 TUBE OD
21	8	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
22	24	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
23	4	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
24	8	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL

HYDRAULIC POWERPACK ASSEMBLY POST SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10241A & 10242A THRU 10407A & 10408A

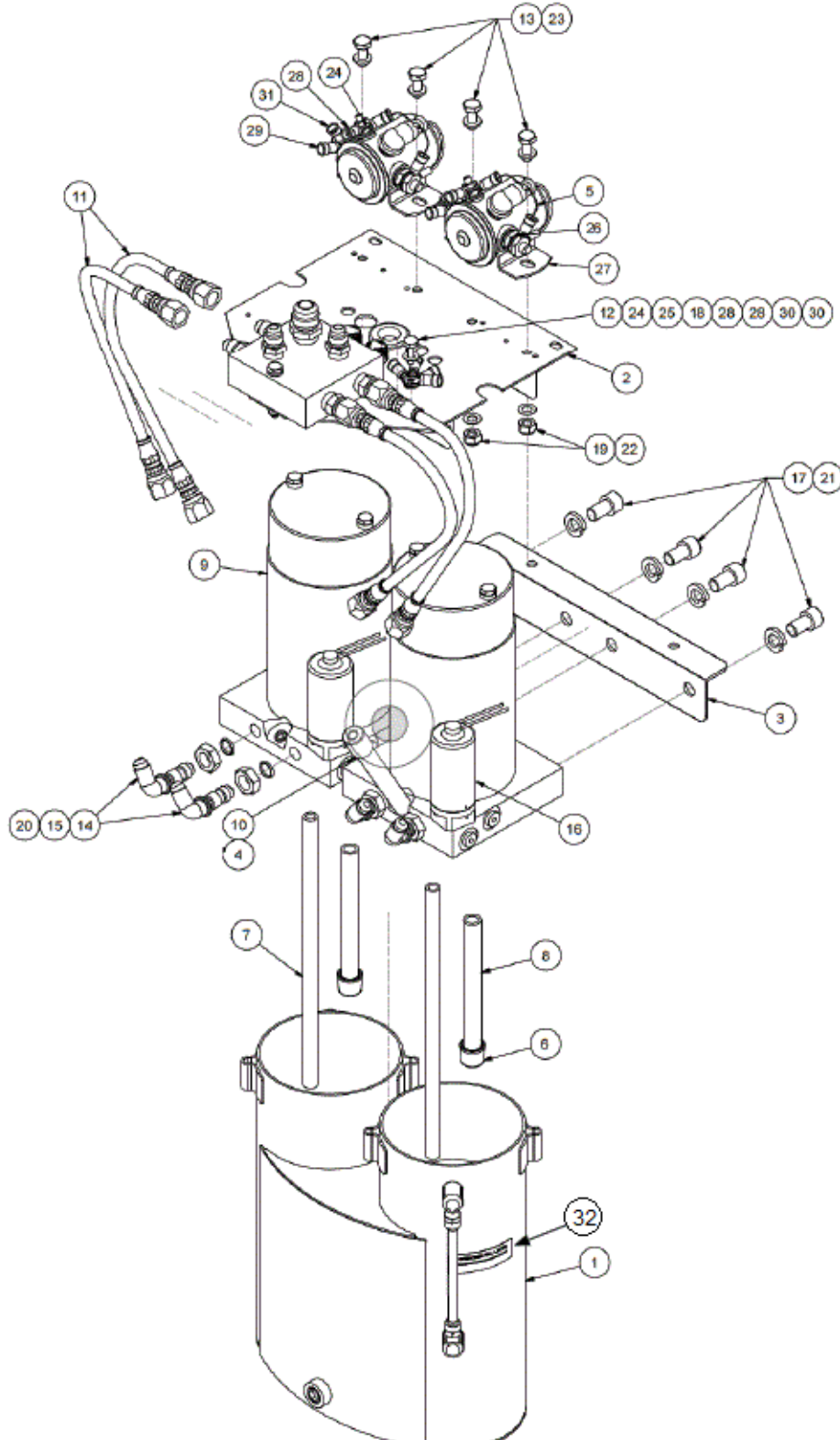


PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

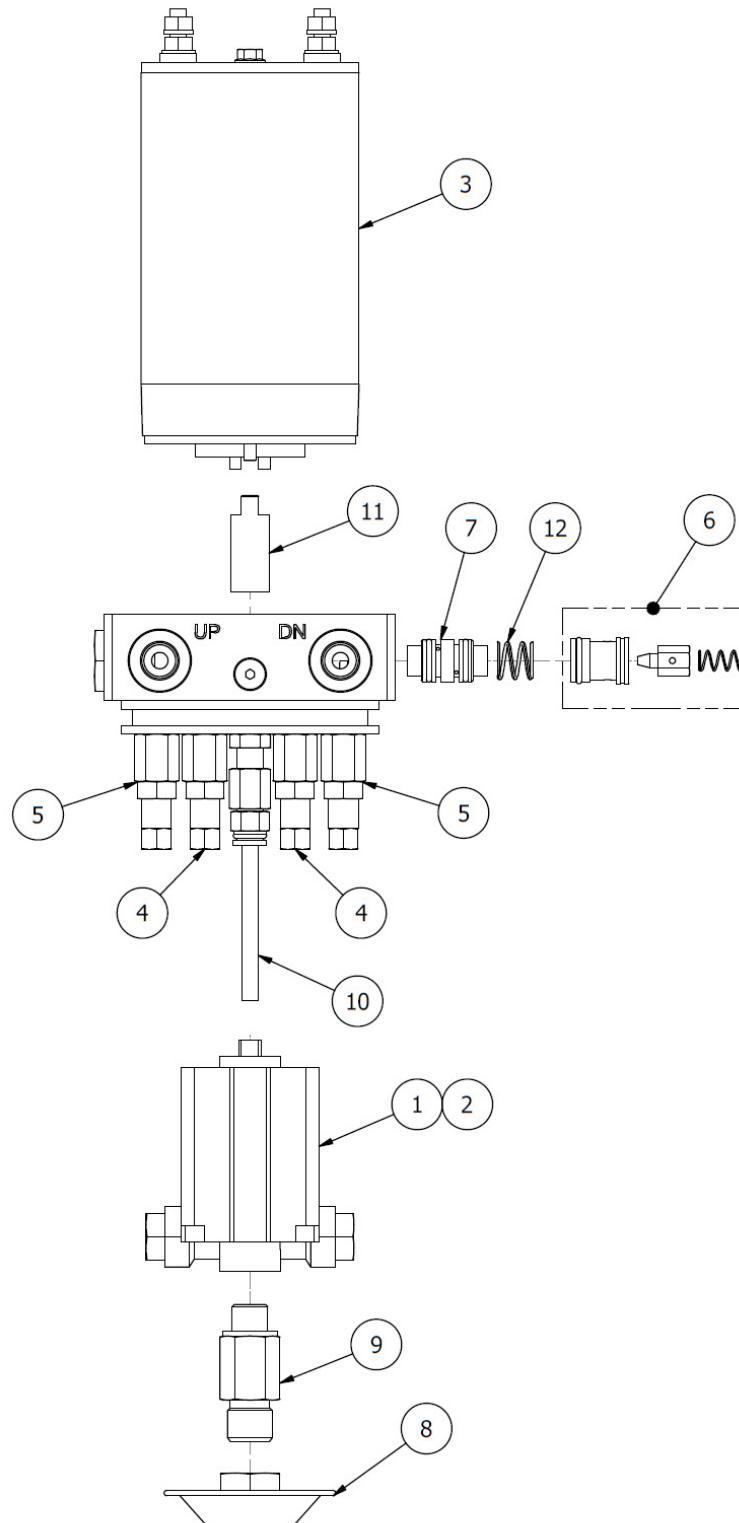
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011360	ASSEMBLY, HYDRAULIC POWER PACK
1	2	1011062	ASSEMBLY, PLUG, PRESSURE SWITCH PORT
2	1	1011357	ASSEMBLY, BRACKET, PUMP MOUNT
3	1	1011358	ANGLE, PUMP MOUNT, LOWER
4	1	1011359	ASSEMBLY, HYDRAULIC PUMP RESERVOIR
5	2	1011361-01	HYDRAULIC HOSE ASSEMBLY, MANIFOLD TO PUMP
6	16 INCH	22759-16-12-9	WIRE, 12AWG, WHITE
7	2	4061T199	SQUARE PROFILE, O-RING, 3.5" I.D., .094 THK
8	2	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
9	2	AN914-1D	ELBOW, 90 DEGREES, INTERNALEXTERNAL PIPE
10	4	AN919-3D	FITTING, REDUCER
11	2	AN929-4	CAP
12	2	GPP1250-40	PRESSURE SWITCH
13	4	MS16997-96	SOCKET HEAD CAP SCREW
14	2	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
15	4	MS25036-103	RING TERMINAL, #10 STUD, 22-16 AWG, RED
16	2	MS25036-112	RING TERMINAL, #10 STUD, 10-12 AWG, YELLOW
17	2	MS25036-113	RING TERMINAL, 5/16 STUD, 10-12 AWG, YELLOW
18	4	MS25036-157	RING TERMINAL, 1/4 STUD, 10-12 AWG, YELLOW
19	4	MS28775-013	"O" RING, HYDRAULIC
20	8	MS35206-252	SCREW, MACHINE, PAN HEAD
21	4	MS35338-46	WASHER, SPLIT
22	2	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
23	2	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
24	8	NAS1149FN832P	WASHER, 0.174 ID, 0.032 THK, STEEL
25	2	YBZS- D0.63W2T100K/ UVZOT2	HYDRAULIC POWER PACK, 24VDC, .64 PUMP

HYDRAULIC POWERPACK ASSEMBLY PRE SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10239A & 10240A AND PRIOR



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1003726	ASSEMBLY, HYDRAULIC PUMP RESERVOIR
2	1	10A09000-314	BRACKET ASSEMBLY, PUMP MOUNT
3	1	13A09348-012	ANGLE, HYDRAULIC PUMP MOUNT
4	1	13A09398-002	FILLER PIPE-HYD. PUMP
5	2	3A10000-002	SOLENOID DIODE ASSY.
6	2	410521	FILTER 108, 3/8" DIA
7	2	4A09392-001	TUBE, RETURN HYD. PUMP
8	2	4A09393-001	TUBE, PICK UP HYD. PUMP
9	2	636603A	PUMP ASSY W/MOTOR (SEE DETAIL)
10	1	6A09706-001	FILTER PUMP BREATHER, MODIFIED
11	4	8A09000-048	HYD. LINE ASSY. PUMP
12	1	AN3-5A	BOLT, SIZE 10-32, LENGTH +/- 1/64 - 21/32, GRIP LENGTH 1/4
13	4	AN4-5A	BOLT, AIRFRAME, 1/4-28 THREAD, 3/16" GRIP, 21/32" LENGTH
14	4	AN833-4D	ELBOW, FLARED TUBE, 90 DEG, 1/4" TUBE DIA, 7/16-20 THREAD
15	4	AN924-4D	NUT, TUBE, 7/16-20 THREAD
16	2	GPP1250-40	PRESSURE SWITCH
17	4	MS16997-96	SCREW, CAP, SOCKET HEAD, 3/8-16X.625, STEEL
18	1	MS21044N3	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 10-32
19	4	MS21044N4	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 1/4-28
20	4	MS28775-012	O RING, DIA 0.364
21	4	MS35338-46	WASHER, SPLIT, CARBON STEEL
22	4	NAS1149D0416J	WASHER, 0.265 ID, 0.016 THK, ALUMINUM
23	4	NAS1149D0463J	WASHER, 0.265 ID, 0.016 THK, ALUMINUM
24	3	NAS1149F0332P	WASHER, SCREW SIZE #10 OD.438 ID.203 THK.032
25	1	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, ALUMINUM
26	4	NAS1149F0532P	WASHER, AIRFRAME, CARBON STEEL, TO FIT DIA 5/16"
27	2	P52-0035-1	CONTACTOR ASSEMBLY, 24V
28	4	R-5	TERMINAL, RING, #10 STUD, 20 GAUGE, RED
29	2	R-7	RING CONNECTOR INSULATED, 5/16 STUD, 20 GAUGE, RED
30	2	Y-4	RING CONNECTOR, #10 STUD, 12 GAUGE, YELLOW
31	2	Y-6	RING CONNECTOR, 5/16 STUD, 10 GAUGE, YELLOW
32	1	6A3-2199	PLACARD, OIL LEVEL

HYDRAULIC PUMP OVERVIEW POST SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10241A & 10242A AND LATER

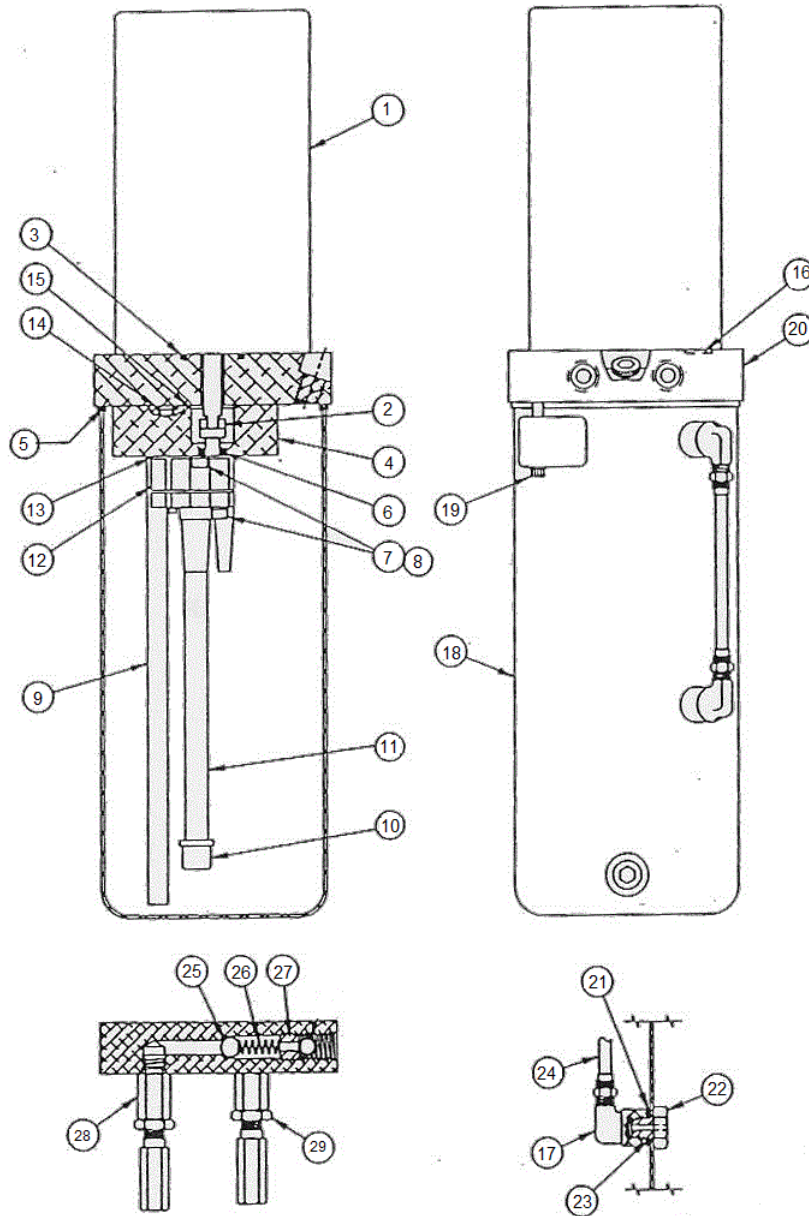


PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	202-0003	BI-DIRECTIONAL PUMP, 0.64 ML/R
2	1	299-0008	SEAL KIT, BI-DIRECTIONAL GEAR PUMP
3	1	610-0017	DC MOTOR, 24V, .8 KW
4	2	631-0005	PRESSURE RELIEF VALVE
5	2	631-0006	THERMAL RELIEF VALVE
6	2	632-0004	ASSEMBLY, PILOT OPERATED CHECK VALVE
7	1	637-0024	SHUTTLE VALVE
8	1	682-0019	FILTER, PICKUP TUBE, HYDRAULIC PUMP
9	1	682-0055	SUCTION HEX TUBE
10	1	682-0056	RETURN TUBE
11	1	683-0011	COUPLING, MOTOR TO PUMP
12	2	685-0012	SPRING, SHUTTLE VALVE
13	1	687-0001	SEAL KIT, RESERVIOR O-RING, PILOT OPERATED RELIEF VALVE O-RING, THERMAL AND PRESSURE RELIEF VALVE O-RING (NOT SHOWN)

HYDRAULIC PUMP OVERVIEW PRE SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10239A & 10240A AND PRIOR



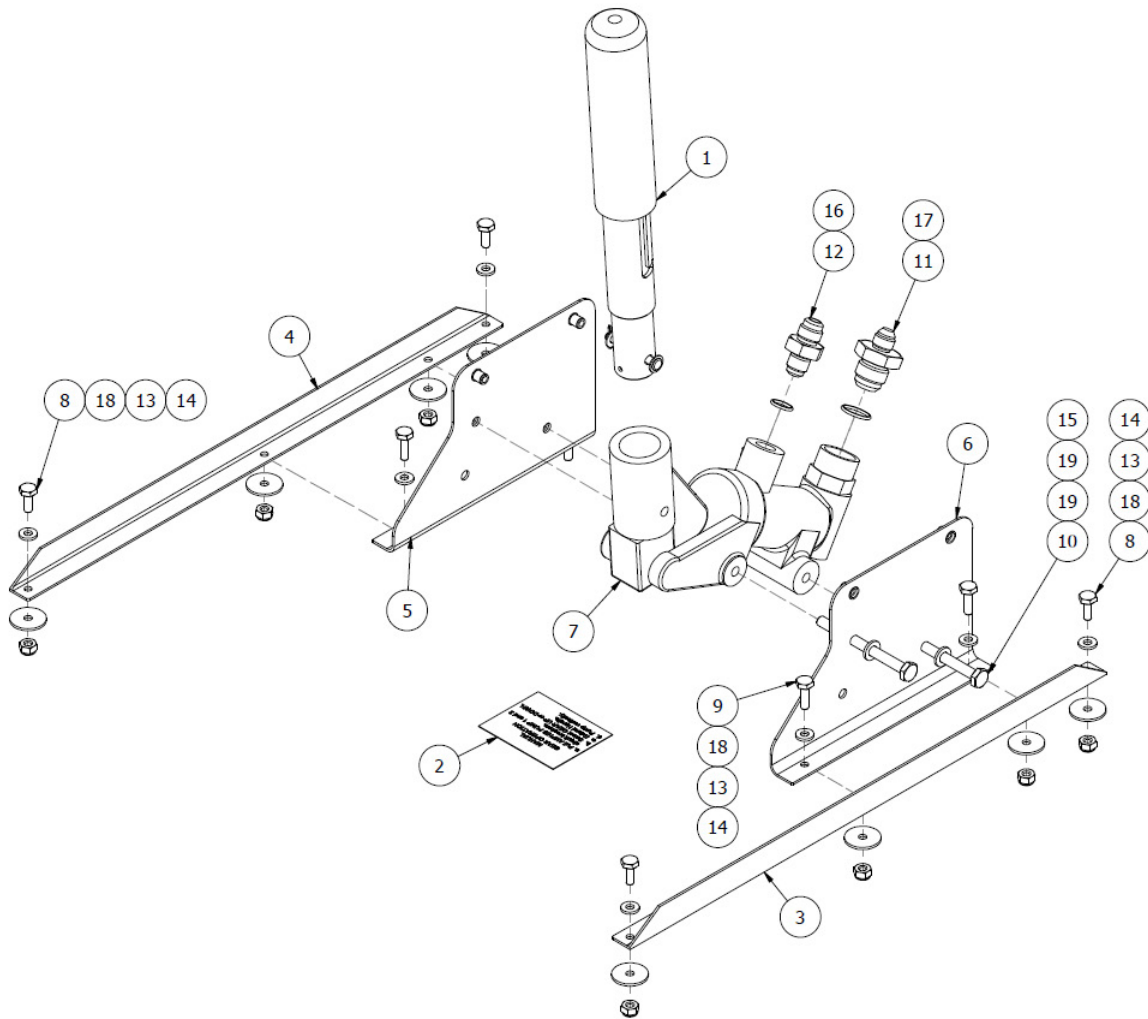
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	636603A	ASSEMBLY PUMP WITH MOTOR
1	1	MB56N1	MOTOR
	1	MB56C902-3 KIT	BRUSH & BEARING SERVICE KIT
2	1	361730	COUPLING 180
3	1	409406	O RING, 7/8"
4	1	361726	SPACER
5	1	410958*	SEAL RESERVOIR

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
6	1	410512	OIL SEAL
7	4	410410	WASHER, LOCK 3/8" DIA, 10 HIGH COLLAR
8	4	406187	RESERVOIR BOLTS, 3/16" DIA
9	1	4A09392-001	PIPE NIPPLE (RETURN)
10	1	410521	FILTER, 108, 3/8" DIA
11	1	4A09393-001	TUBE EXTENSION (PICK UP)
12	1	633383	PUMP ASSEMBLY
13	2	MS28775-009	O RING, DIA .0208
14	2	401273	O RING, 1/4" DIA
15	1	MS28775-020	O RING, DIA 0.846
16	2	361615	WASHER, PILOT, 1/4 DIA
17	2	41330	ELBOW
18	1	13A09000-131	ASSEMBLY RESERVOIR
19	2	406187	RESERVOIR BOLTS, 3/16" DIA
	2	409357	WASHER, 3/16 DIA
20	1	361473	PUMP BLOCK, ADAPTER
21	1	361049	RETAINER, O - RING FLAT, 1/2" DIA
22	2	360824	SCREW SIGHT GAUGE
23	2	MS28775-110	O RING, DIA 0.362
24	1	361507	TUBE SIGHT GAUGE
25	1	490405	STEEL BALL
26	1	410462	SPRING, CPRSN, 0.3 X 0.620
27	1	409211	LOCK SCREW, 7/16" DIA
28	1	704520	ASSEMBLY VALVE PRESSURE RELIEF
29	1	704522	ASSEMBLY VALVE THERMAL RELIEF

* Reference Wipaire drawing 1011032 for alternate part numbers.

HYDRAULIC HAND PUMP STANDARD INSTALLATION

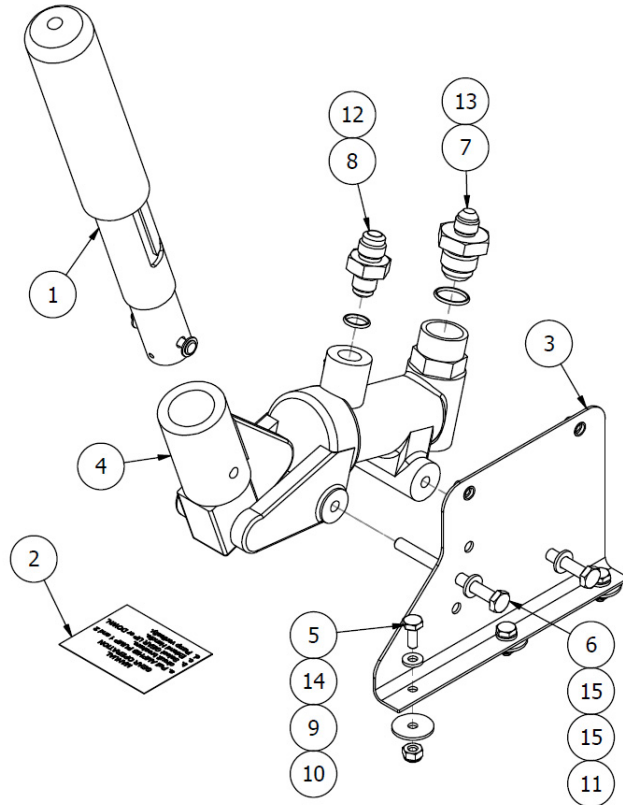


ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1002838	RETRACT HANDLE
2	1	1003426	PLACARD, EMERG HYD HAND PUMP, AT802A
2.1	1	5B3-595-3	PLACARD, EMRG HYD HAND PUMP, AT802
3	1	10A09340-186	STIFFENER - HAND PUMP MOUNT
4	1	10A09340-187	STIFFENER - HAND PUMP MOUNT
5	1	8A09003-053	ASS'Y, BRACKET, HAND PUMP, LH
6	1	8A09003-054	ASS'Y, BRACKET, HAND PUMP, RH
7	1	914-8D-27	PUMP, HAND, HYDRAULIC
8	4	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
9	4	AN3-5A	BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
10	2	AN4-27A	BOLT, 1/4-28, 2.4375 GRIP, UNDRILLED, STEEL
11	1	AN919-11D	UNION, REDUCER
12	1	AN919-7D	FITTING, REDUCER
13	8	AN970-3	WASHER, .203 ID, .875 OD, .063 THK
14	8	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
15	2	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
16	1	MS28775-013	"O" RING, HYDRAULIC
17	1	MS28775-016	"O" RING, HYDRAULIC
18	8	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
19	4	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL

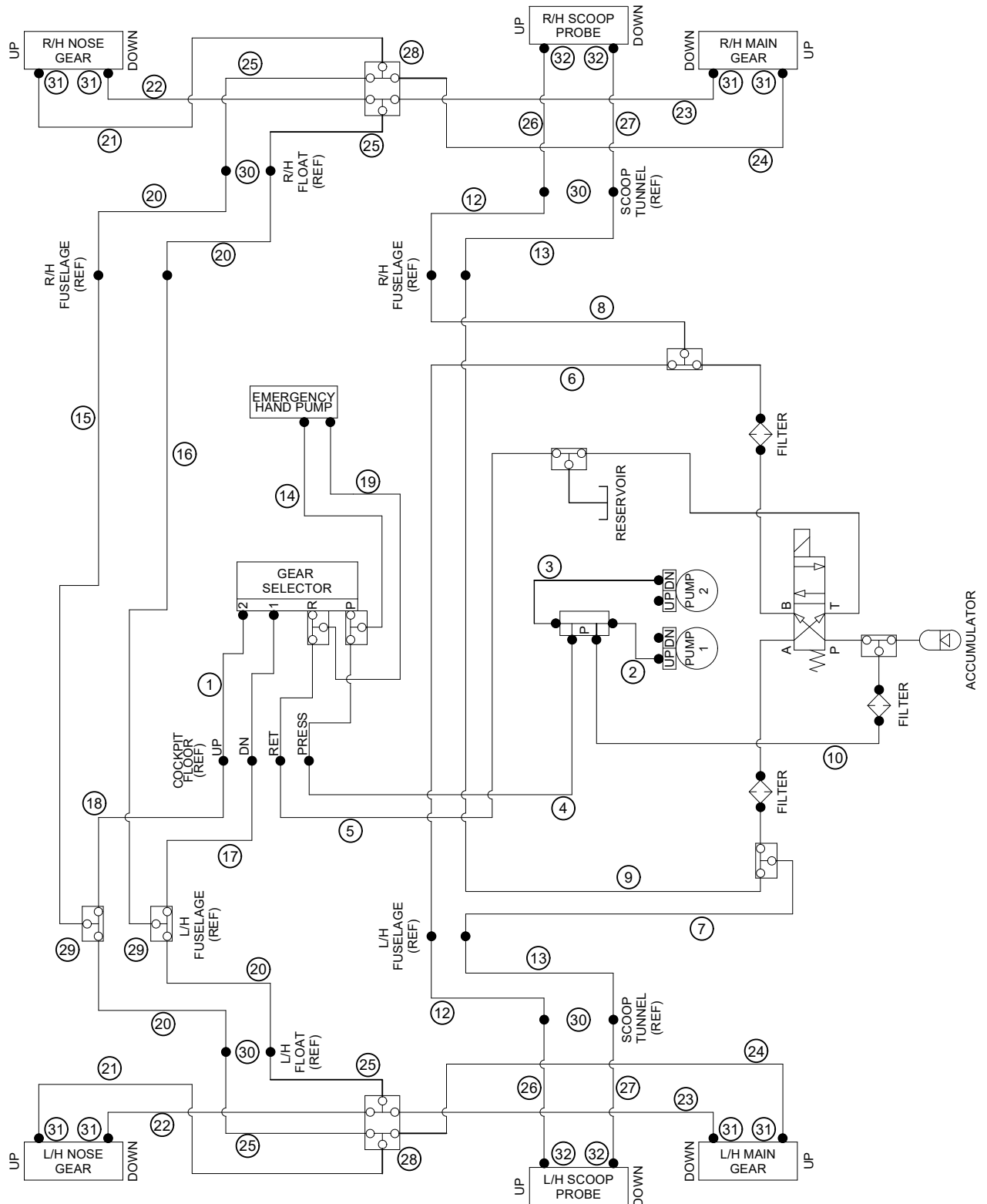
HYDRAULIC HAND PUMP AT-802 WITH FCU CONTROL ASSEMBLY INSTALLATION



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1002838	RETRACT HANDLE
2	1	1003426	PLACARD, EMERG HYD HAND PUMP
3	1	8A09003-054	ASS'Y, BRACKET, HAND PUMP, RH
4	1	914-8D-27	PUMP, HAND, HYDRAULIC
5	3	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
6	2	AN4-27A	BOLT, 1/4-28, 2.4375 GRIP, UNDRILLED, STEEL
7	1	AN919-11D	UNION, REDUCER
8	1	AN919-7D	FITTING, REDUCER
9	3	AN970-3	WASHER, .203 ID, .875 OD, .063 THK
10	3	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
11	2	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
12	1	MS28775-013	"O" RING, HYDRAULIC
13	1	MS28775-016	"O" RING, HYDRAULIC
14	3	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
15	4	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL

HYDRAULIC SCHEMATIC

FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER



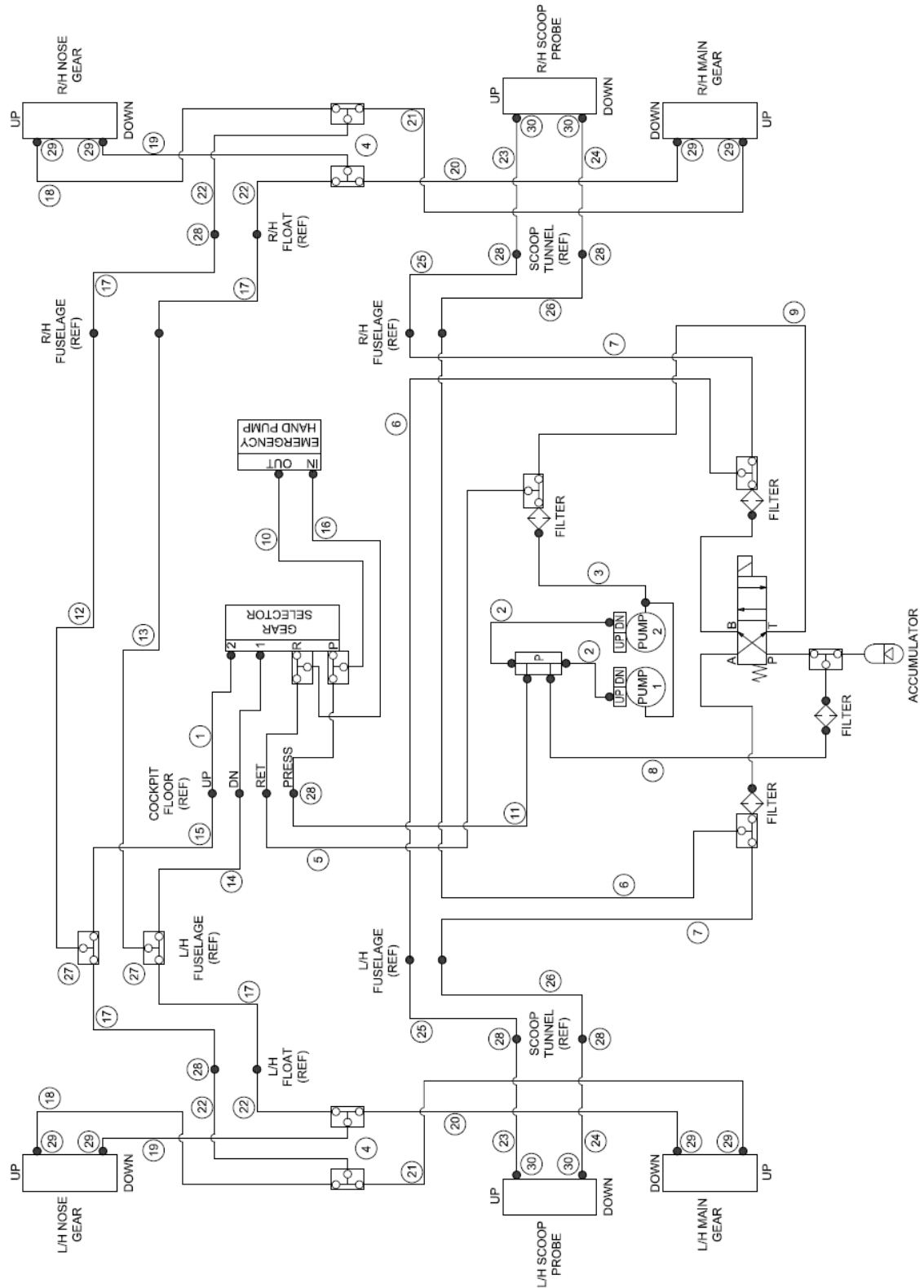
PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	4	1005212	HYD. LINE, GEAR SELECTOR TO COCKPIT FLOOR
2	1	1011361-06	HYD. LINE, PUMP 1 TO MANIFOLD
3	1	1011361-07	HYD. LINE, PUMP 2 TO MANIFOLD
4	1	1011361-08	HYD. LINE, HYDRAULIC PUMP TO COCKPIT FLOOR
5	1	1011361-09	HYD. LINE, HYDRAULIC RESERVOIR TO COCKPIT FLOOR
6	1	1011361-10	HYD. LINE, SCOOP UP, DIR. VALVE TO LEFT FUSELAGE
7	1	1011361-11	HYD. LINE, SCOOP DN, DIR. VALVE TO LEFT FUSELAGE
8	1	1011361-12	HYD. LINE, SCOOP UP, DIR. VALVE TO RIGHT FUSELAGE
9	1	1011361-13	HYD. LINE, SCOOP DN, DIR. VALVE TO RIGHT FUSELAGE
10	1	1012619	HYD. LINE, PUMP TO DIRECTIONAL VALVE, PRESSURE
11	1	1012620	HYD. LINE, PUMP TO DIRECTIONAL VALVE, RETURN
12	2	10A09000-301	HYD. LINE, SCOOP TUNNEL UP UNION TO FUSELAGE UNION
13	2	10A09000-302	HYD. LINE, SCOOP TUNNEL DN UNION TO FUSELAGE UNION
14	1	10A09000-305	HYD. LINE, HAND PUMP TO SELECTOR, PRESSURE
15	1	10A09000-307	HYD. LINE, LEFT FUSELAGE TEE TO RIGHT FUSELAGE UNION, UP
16	1	10A09000-308	HYD. LINE, LEFT FUSELAGE TEE TO RIGHT FUSELAGE UNION, DN
17	1	10A09000-309	HYD. LINE, COCKPIT FLOOR TO LEFT FUSELAGE TEE, DN
18	1	10A09000-310	HYD. LINE, COCKPIT FLOOR TO LEFT FUSELAGE TEE, UP
19	1	10A09000-311	HYD. LINE, HAND PUMP TO SELECTOR, RETURN
20	4	10A09000-312	HYD. LINE, FUSELAGE TO FLOAT DECK
21	2	10A09000-316	HYD. LINE, FLOAT MANIFOLD TO NOSE GEAR UP
22	2	10A09000-317	HYD. LINE, FLOAT MANIFOLD TO NOSE GEAR DN
23	2	10A09000-318	HYD. LINE, FLOAT MANIFOLD TO MAIN GEAR DN
24	2	10A09000-319	HYD. LINE, FLOAT MANIFOLD TO MAIN GEAR UP
25	4	10A09000-321	HYD. LINE, FLOAT MANIFOLD TO FLOAT DECK
26	2	10A09000-322	HYD. LINE, SCOOP TO TUNNEL UP UNION
27	2	10A09000-323	HYD. LINE, SCOOP TO TUNNEL DN UNION
28	2	6A09000-027	MANIFOLD, FLOAT
	4	AN816-4D	FITTING, NIPPLE, FLARED TUBE AND PIPE THREAD
	2	AN816-5-4D	FITTING, NIPPLE, FLARED TUBE AND PIPE THREAD
29	2	AN804-5D	TEE, BULKHEAD, FLARED TUBE
	2	AN924-5D	NUT, TUBE, 1/2-20 THREAD
	4	NAS1149D0863J	WASHER, 0.515 ID, 0.063 THK, ALUMINUM
30	8	AN833-5D	ELBOW, 90 DEGREE, BULKHEAD, FLARED TUBE
	8	AN924-5D	NUT, TUBE, 1/2-20 THREAD
	16	NAS1149D0863J	WASHER, 0.515 ID, 0.063 THK, ALUMINUM
31	8	MS20822-4D	ELBOW, 90 DEGREE, FLARED TUBE AND PIPE THREAD
32	4	MS20822-5-4D	ELBOW, 90 DEGREE, FLARED TUBE AND PIPE THREAD

HYDRAULIC SCHEMATIC

FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR



PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	4	1005212	ASSEMBLY, HOSE, GEAR SELECTOR TO COCKPIT FLOOR
2	2	1011361-01	ASSEMBLY, HOSE, PUMP TO PUMP MANIFOLD
3	1	1011361-02	ASSEMBLY, HOSE, RETURN FILTER TO RESERVOIR
4	2	6A09000-027	FLOAT MANIFOLD
	4	AN816-4D	FITTING, NIPPLE, FLARED TUBE AND PIPE THREAD
	2	AN816-5-4D	FITTING, NIPPLE, FLARED TUBE AND PIPE THREAD
5	1	10A09000-298	ASSEMBLY, HOSE, GEAR SELECTOR TO RETURN FILTER
6	2	10A09000-299	ASSEMBLY, HOSE, FILTER TEE TO SCOOPS
7	2	10A09000-300	ASSEMBLY, HOSE, FILTER TEE TO SCOOPS
8	1	10A09000-303	ASSEMBLY, HOSE, PUMP MANIFOLD TO ACCUMULATOR
9	1	10A09000-304	ASSEMBLY, HOSE, SOLENOID VALVE TO RETURN FILTER
10	1	10A09000-305	ASSEMBLY, HOSE, HAND PUMP TO GEAR SELECTOR, PRESSURE
	1	1009858-01	ASSEMBLY, HOSE, HAND PUMP TO GEAR SELECTOR, PRESSURE, WITH FCU CONTROL ASSEMBLY
11	1	10A09000-306	ASSEMBLY, HOSE, HYDRAULIC PUMPS MANIFOLD TO GEAR SELECTOR
12	1	10A09000-307	ASSEMBLY, HOSE, LEFT FUSELAGE TEE TO RIGHT FUSELAGE UNION, UP
13	1	10A09000-308	ASSEMBLY, HOSE, LEFT FUSELAGE TEE TO RIGHT FUSELAGE UNION, DN
14	1	10A09000-309	ASSEMBLY, HOSE, COCKPIT FLOOR TO LEFT FUSELAGE TEE, DN
15	1	10A09000-310	ASSEMBLY, HOSE, COCKPIT FLOOR TO LEFT FUSELAGE TEE, UP
16	1	10A09000-311	ASSEMBLY, HOSE, HAND PUMP TO GEAR SELECTOR, RETURN
	1	1009858-02	ASSEMBLY, HOSE, HAND PUMP TO GEAR SELECTOR, RETURN, WITH FCU CONTROL ASSEMBLY
17	4	10A09000-312	ASSEMBLY, HOSE, FUSELAGE TO FLOAT DECK
18	2	10A09000-316	ASSEMBLY, HOSE, FLOAT MANIFOLD TO NOSE GEAR UP
19	2	10A09000-317	ASSEMBLY, HOSE, FLOAT MANIFOLD TO NOSE GEAR DN
20	2	10A09000-318	ASSEMBLY, HOSE, FLOAT MANIFOLD TO MAIN GEAR DN
21	2	10A09000-319	ASSEMBLY, HOSE, FLOAT MANIFOLD TO MAIN GEAR UP
22	4	10A09000-321	ASSEMBLY, HOSE, FLOAT MANIFOLD TO FLOAT DECK
23	2	10A09000-322	ASSEMBLY, HOSE, SCOOP TO TUNNEL UP UNION
24	2	10A09000-323	ASSEMBLY, HOSE, SCOOP TO TUNNEL DN UNION
25	2	10A09000-301	ASSEMBLY, HOSE, SCOOP TUNNEL UP UNION TO FUSELAGE UNION
26	2	10A09000-302	ASSEMBLY, HOSE, SCOOP TUNNEL DN UNION TO FUSELAGE UNION
27	2	AN804-5D	TEE, BULKHEAD, FLARED TUBE
	2	AN924-5D	NUT, TUBE, 1/2-20 THREAD
	4	NAS1149D0863J	WASHER, 0.515 ID, 0.063 THK, ALUMINUM

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
28	8	AN833-5D	ELBOW, 90 DEGREE, BULKHEAD, FLARED TUBE
	8	AN924-5D	NUT, TUBE, 1/2-20 THREAD
	16	NAS1149D0863J	WASHER, 0.515 ID, 0.063 THK, ALUMINUM
29	8	MS20822-4D	ELBOW, 90 DEGREE, FLARED TUBE AND PIPE THREAD
30	4	MS20822-5-4D	ELBOW, 90 DEGREE, FLARED TUBE AND PIPE THREAD

THIS PAGE INTENTIONALLY LEFT BLANK

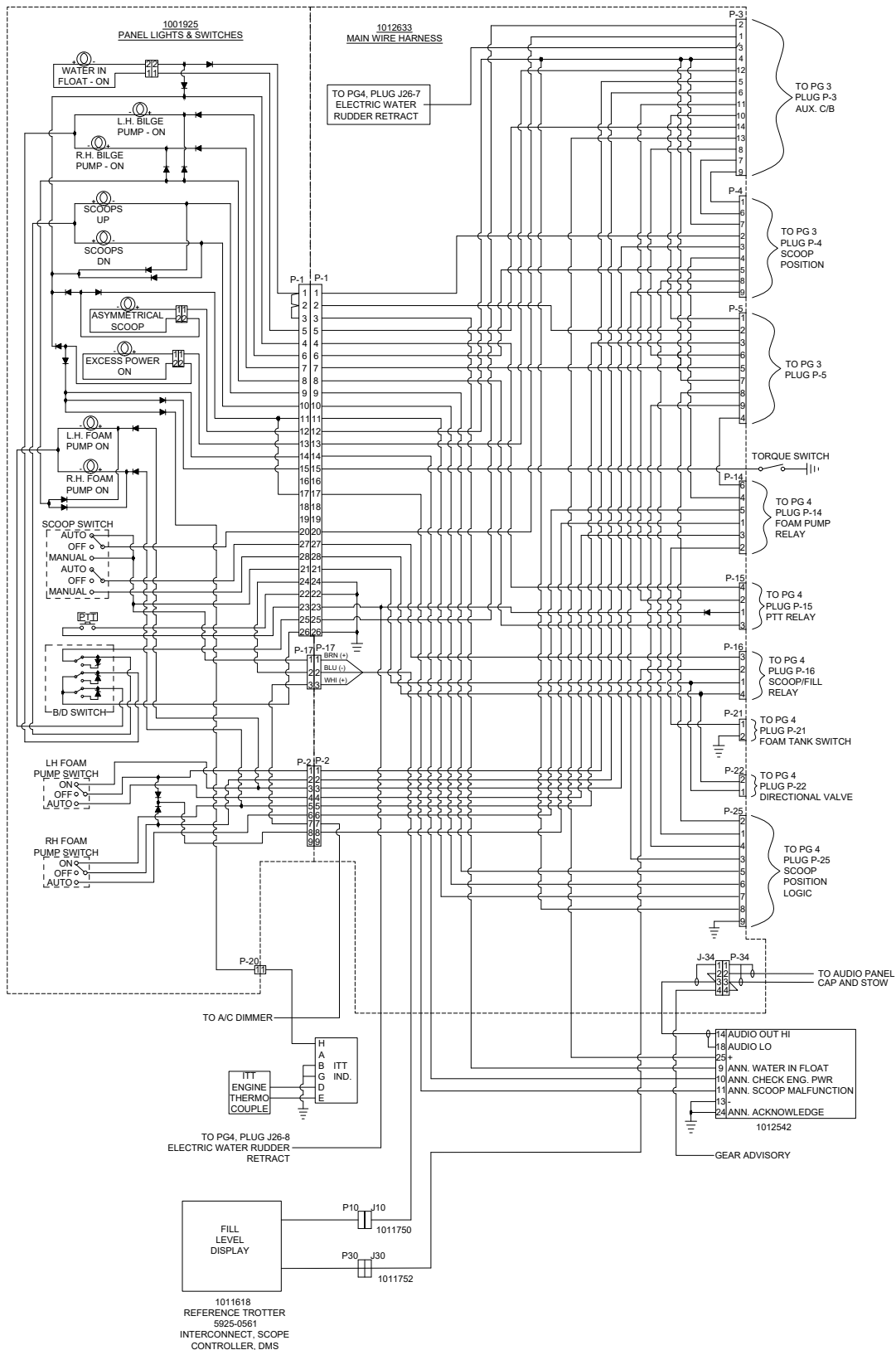
SECTION 5 ELECTRICAL

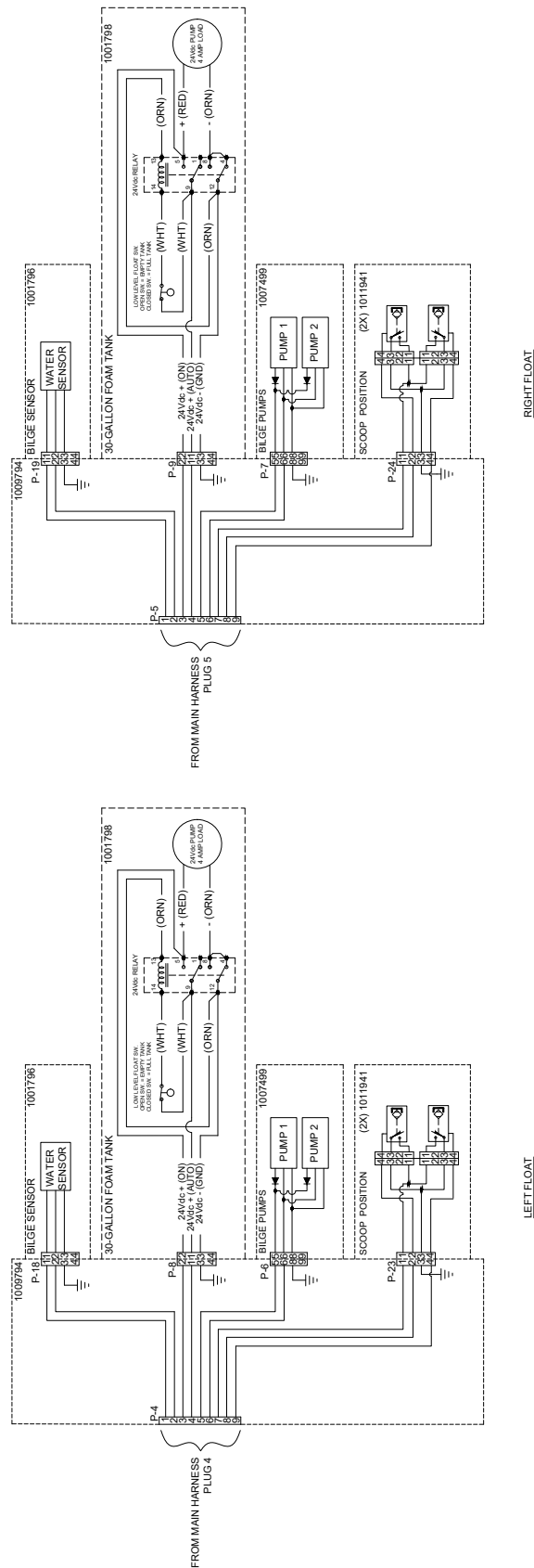
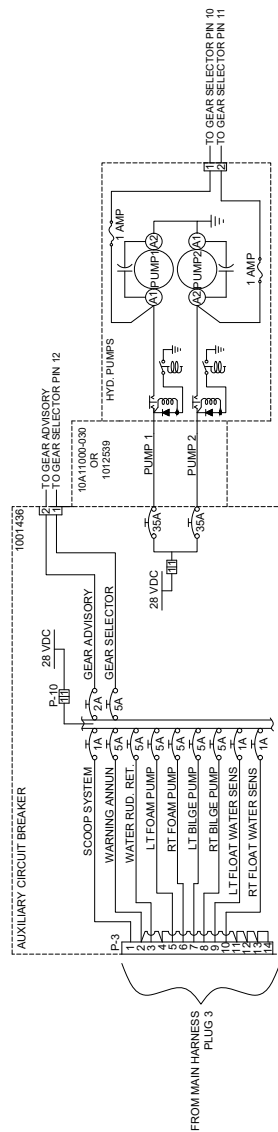
CONTENTS

ELECTRICAL SCHEMATIC FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER	204
ELECTRICAL SCHEMATIC POST SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10241A & 10242A THRU 10407A & 10408A.....	208
ELECTRICAL SCHEMATIC PRE SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10239 & 10240 AND PRIOR.....	210
GEAR CONTROL ASSEMBLY.....	212
BILGE PUMP SYSTEM AND WATER SENSOR.....	214
AMTECH FILL SENSOR (DISCONTINUED) PRE SERVICE LETTER 205 FLOAT SERIAL NUMBERS 10227A & 10228A AND PRIOR.....	216
TROTTER CONTROLS FILL SENSOR (REPLACEMENT) POST SERVICE LETTER 205 FLOAT SERIAL NUMBERS 10229A & 10230A OR LATER.....	217
TROTTER CONTROLS SCHEMATIC.....	219
ANGLE OF ATTACK SYSTEM.....	221
SCOOP SENSOR LOGIC POSITION	222
WATER BOMBER INSTRUMENT PANEL	224
TERMINAL BLOCK.....	232

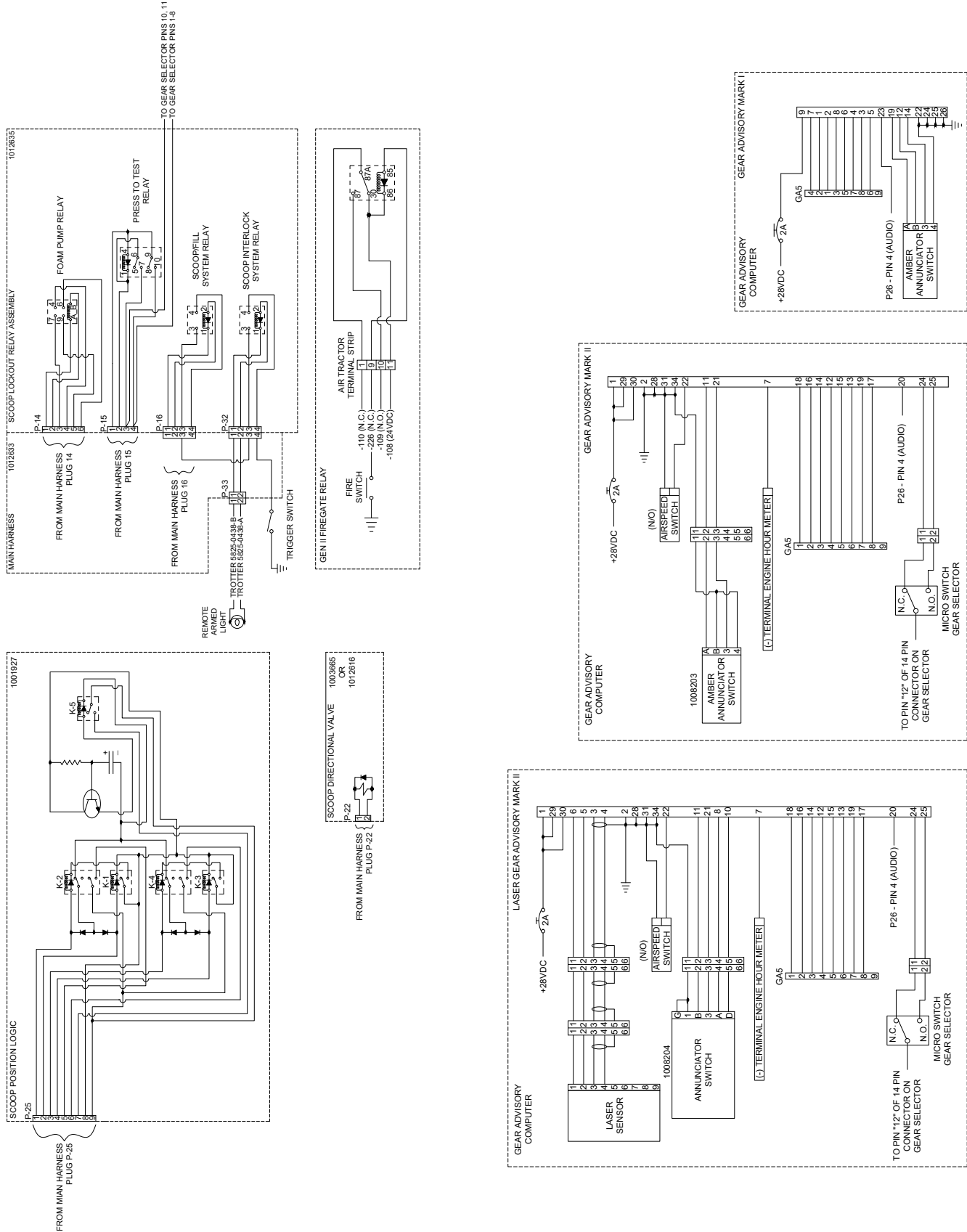
ELECTRICAL SCHEMATIC

FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER

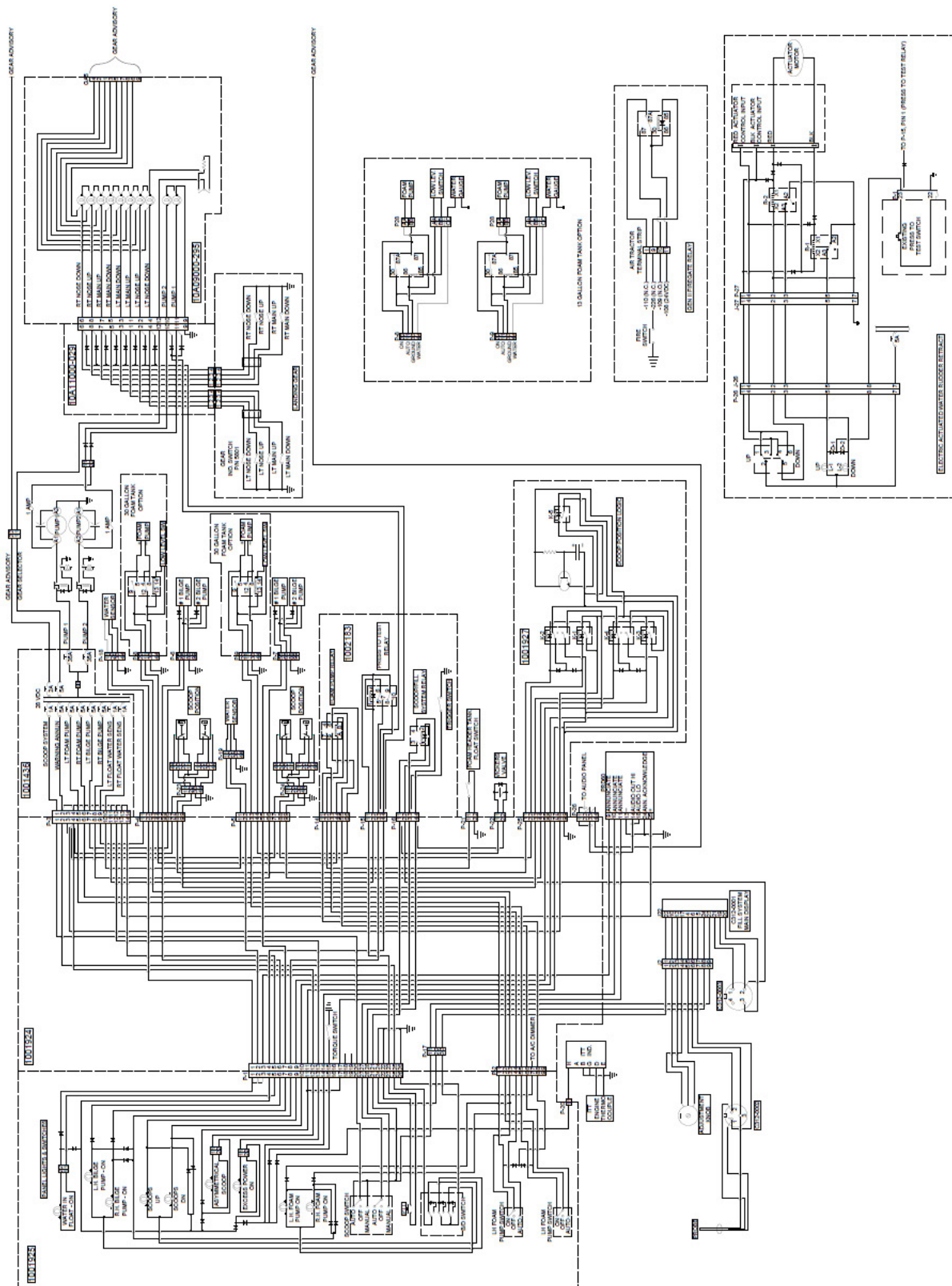




PARTS MANUAL 10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

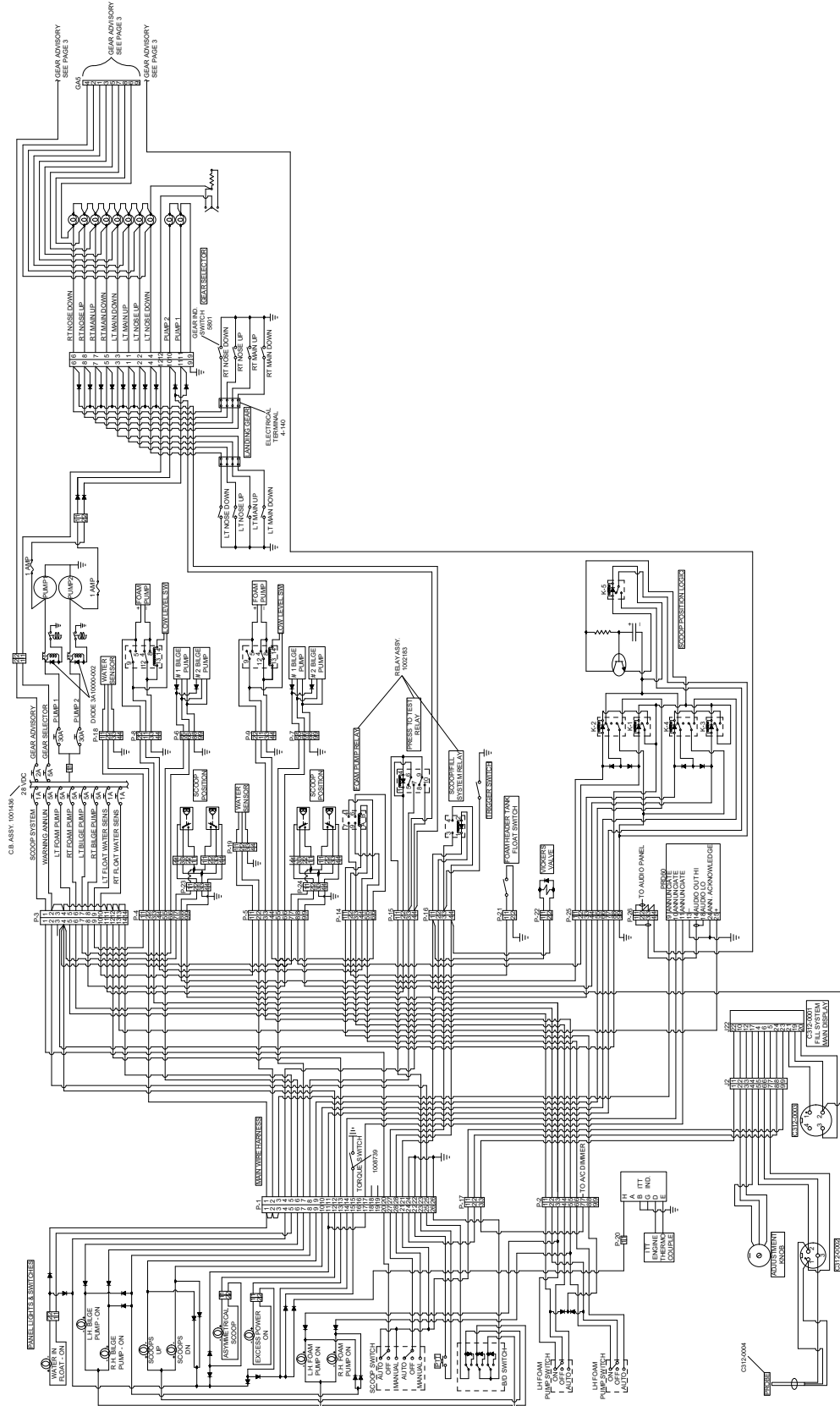


ELECTRICAL SCHEMATIC POST SERVICE LETTER 207



REFERENCE PARTS LIST							
DESCRIPTION	TYPE	# OF POSITIONS	MALE CONNECTOR P/N	FEMALE CONNECTOR P/N	MALE PINS P/N	FEMALE PINS P/N	SHELL X2 P/N
P1	CPC	28	206152-1	205839-3	205089-1	205090-1	206070-1
P2	CPC	9	206705-2	206708-1	66099-4	66101-4	206966-1
P3	CPC	14	206044-1	206043-3	66103-4	66105-4	206070-1
P4	CPC	9	206705-2	206708-1	66099-4	66101-4	206966-1
P5	CPC	9	206705-2	206708-1	66099-4	66101-4	206966-1
P6	CPC	9	206705-2	206708-1	66099-4	66101-4	206966-1
P7	CPC	9	206705-2	206708-1	66099-4	66101-4	206966-1
P8	CPC	4	206429-1	206430-1	66099-4	66101-4	206062-3
P9	CPC	4	206429-1	206430-1	66099-4	66101-4	206062-3
P10	QUICK DISCONNECT	1	73M-250-32-NL	73F-250-32-NL	-	-	-
P11	MOLEX	3	03-06-2032	03-06-1032	02-06-2103	02-06-1103	N/A
P12	MOLEX	3	03-06-2032	03-06-1032	02-06-2103	02-06-1103	N/A
P13	MOLEX	4	03-06-2042	03-06-1042	02-06-2103	02-06-1103	N/A
P14	MOLEX	6	03-09-2061	03-09-1061	02-09-2103	02-09-1104	N/A
P15	MOLEX	4	03-06-2042	03-06-1042	02-06-2103	02-06-1103	N/A
P16	MOLEX	4	03-06-2042	03-06-1042	02-06-2103	02-06-1103	N/A
P17	MOLEX	3	03-06-2032	03-06-1032	02-06-2103	02-06-1103	N/A
P18	CPC	4	206429-1	206430-2	66099-4	66101-4	206062-3
P19	CPC	4	206429-1	206430-2	66099-4	66101-4	206062-3
P20	MOLEX	1	03-06-2011	03-06-1011	02-06-2103	02-06-1103	N/A
P21	MOLEX	2	03-06-2023	03-06-1023	02-06-2103	02-06-1103	N/A
P22	MOLEX	2	03-06-2023	03-06-1023	02-06-2103	02-06-1103	N/A
P23	TURCK	4	U0163-11	U-34917	N/A	N/A	N/A
P24	TURCK	4	U0163-11	U-34917	N/A	N/A	N/A
P25	MOLEX	9	03-06-2092	03-06-1092	02-06-2103	02-06-1103	N/A
P26	MOLEX	9	-	03-06-2092	02-09-2118	-	-
P27	MOLEX	9	-	03-06-2092	02-09-2118	-	-
P28	APTIV	2	12010973	12015792	12124582	12124580	N/A
P29	APTIV	3	12020827	12020829	12124582	12124580	N/A
P30	APTIV	2	12010973	12015792	12124582	12124580	N/A
P31	APTIV	3	12020827	12020829	12124582	12124580	N/A
J26	MOLEX	9	03-09-1094	-	-	02-09-1119	-
J27	MOLEX	9	03-09-1094	-	-	02-09-1119	-

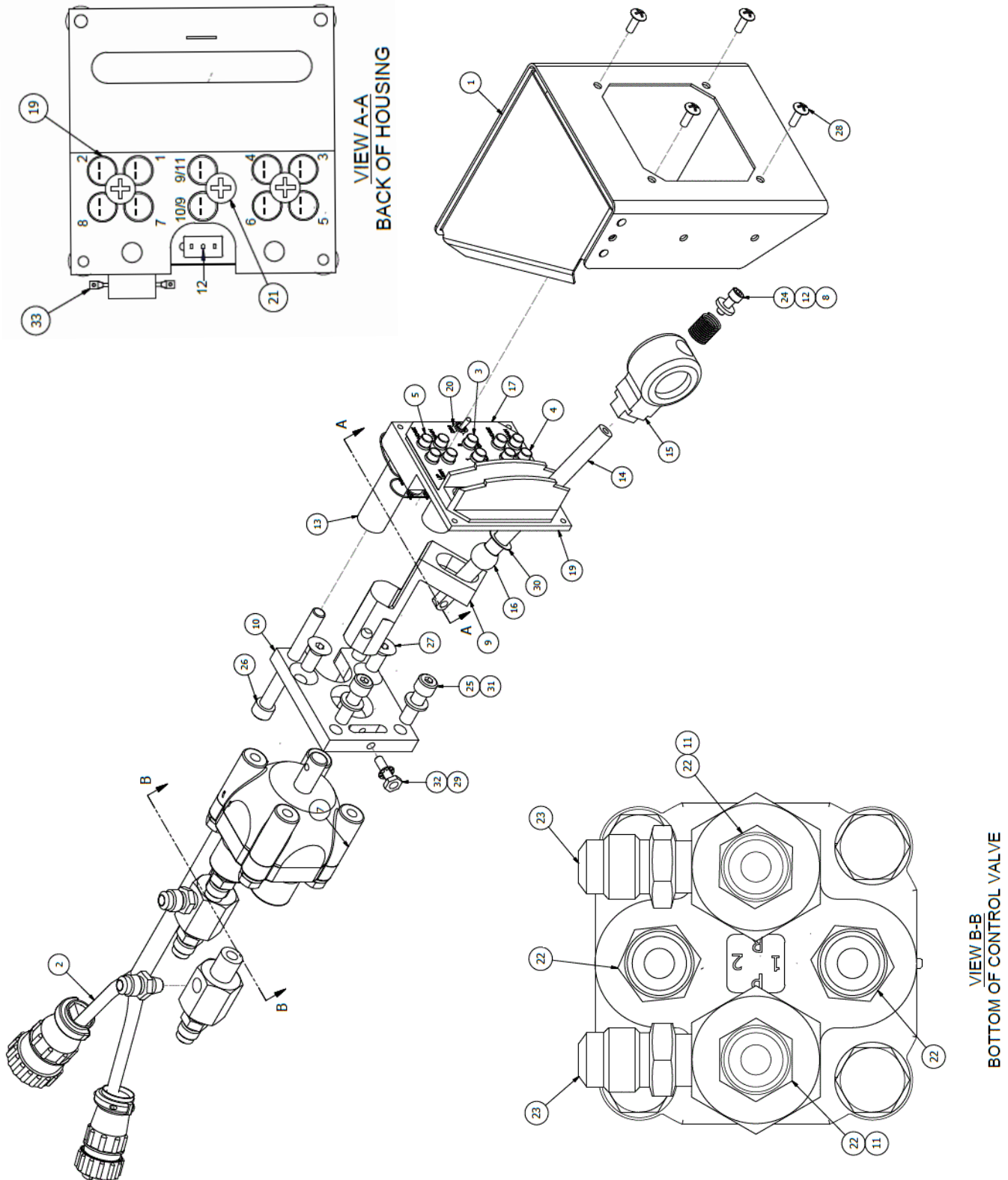
ELECTRICAL SCHEMATIC PRE SERVICE LETTER 207 FLOAT SERIAL NUMBERS 10239 & 10240 AND PRIOR



PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

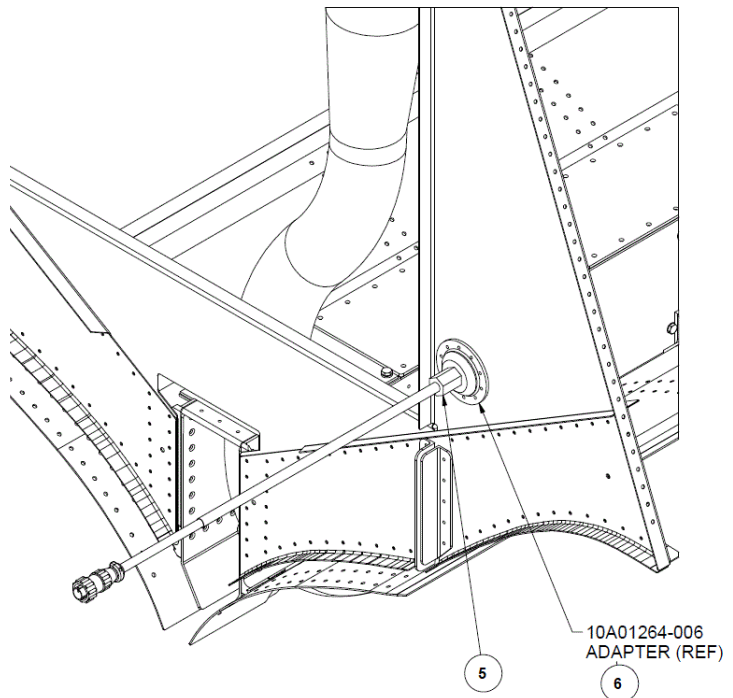
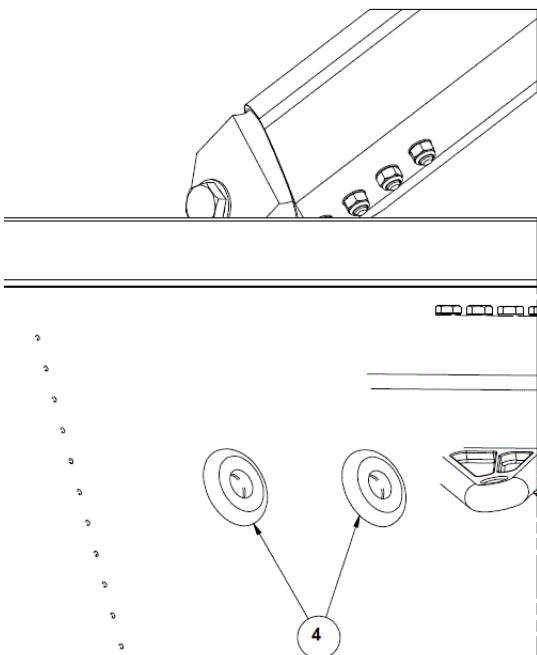
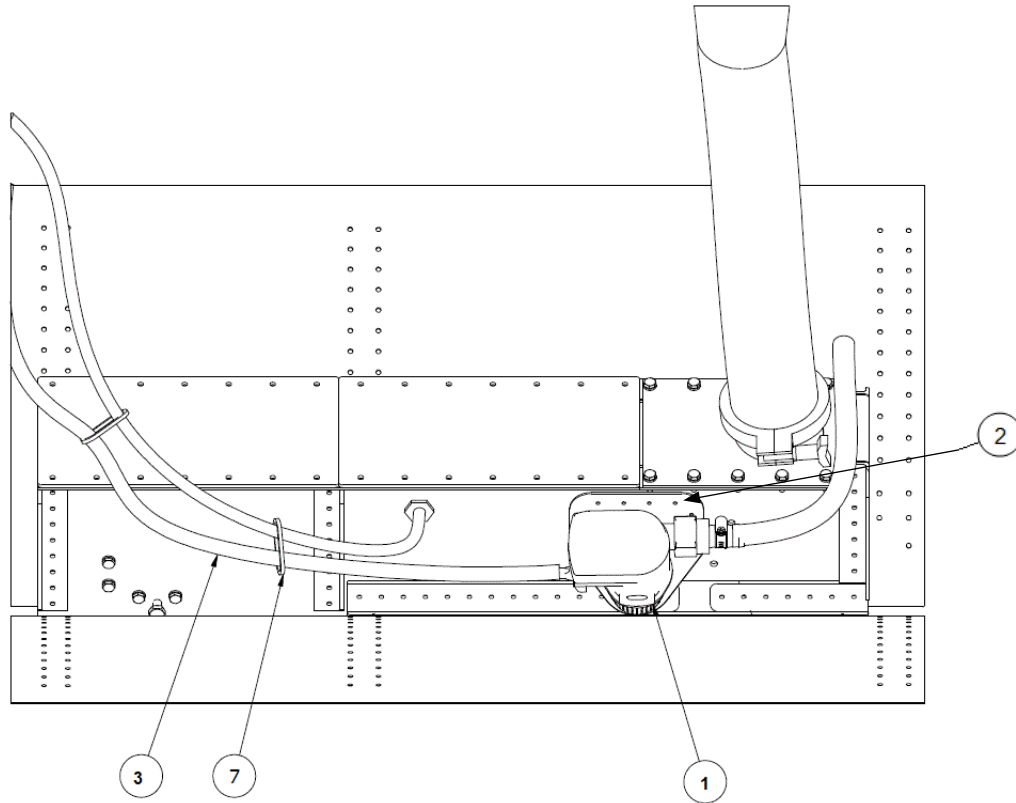
REFERENCE PARTS LIST							
DESCRIPTION	TYPE	# OF POSITIONS	MALE CONNECTOR P/N	FEMALE CONNECTOR P/N	MALE PINS P/N	FEMALE PINS P/N	SHELL X2 P/N
P1	CPC	28	206152-1	205839-3	205089-1	205090-1	206070-1
P2	CPC	9	206705-2	206708-1	66099-4	66101-4	206966-1
P3	CPC	14	206044-1	206043-3	66103-4	66105-4	206070-1
P4	CPC	9	206705-2	206708-1	66099-4	66101-4	206966-1
P5	CPC	9	206705-2	206708-1	66099-4	66101-4	206966-1
P6	CPC	9	206705-2	206708-1	66099-4	66101-4	206966-1
P7	CPC	9	206705-2	206708-1	66099-4	66101-4	206966-1
P8	CPC	4	206429-1	206430-1	66099-4	66101-4	206062-3
P9	CPC	4	206429-1	206430-1	66099-4	66101-4	206062-3
P10	MOLEX	1	2601048-200 (KIT)				
P11	MOLEX	3	03-06-2032	03-06-1032	02-06-2103	02-06-1103	N/A
P12	MOLEX	3	03-06-2032	03-06-1032	02-06-2103	02-06-1103	N/A
P13	MOLEX	4	03-06-2042	03-06-1042	02-06-2103	02-06-1103	N/A
P14	MOLEX	6	03-09-2061	03-09-1061	02-09-2103	02-09-1104	N/A
P15	MOLEX	4	03-06-2042	03-06-1042	02-06-2103	02-06-1103	N/A
P16	MOLEX	4	03-06-2042	03-06-1042	02-06-2103	02-06-1103	N/A
P17	MOLEX	3	03-06-2032	03-06-1032	02-06-2103	02-06-1103	N/A
P18	CPC	4	206429-1	206430-2	66099-4	66101-4	206062-3
P19	CPC	4	206429-1	206430-2	66099-4	66101-4	206062-3
P20	MOLEX	1	03-06-2011	03-06-1011	02-06-2103	02-06-1103	N/A
P21	MOLEX	2	03-06-2023	03-06-1023	02-06-2103	02-06-1103	N/A
P22	MOLEX	2	03-06-2023	03-06-1023	02-06-2103	02-06-1103	N/A
P23	TURCK	4	U0163-11	U-34917	N/A	N/A	N/A
P24	TURCK	4	U0163-11	U-34917	N/A	N/A	N/A
P25	MOLEX	9	03-06-2092	03-06-1092	02-06-2103	02-06-1103	N/A
P26	MOLEX	9	-	03-06-2092	02-09-2118	-	-
P27	MOLEX	9	-	03-06-2092	02-09-2118	-	-
J26	MOLEX	9	03-09-1094	-	-	02-09-1119	-
J27	MOLEX	9	03-09-1094	-	-	02-09-1119	-
K-1	RELAY		P/N 90F1117	KUHP-11D51-24			
K-2	RELAY		P/N 45F107				
K-3	RELAY		P/N 09B8512				
ZENER DIODE	95B4982						
DIODE	1N4006						

GEAR CONTROL ASSEMBLY



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	10A09000-295	ASSEMBLY, HYDRAULIC CONTROL VALVE
1	1	10A12000-080	GEAR SELECTOR ASSEMBLY, HOUSING
2	1	4A11000-008	ASSEMBLY, WIRING HARNESS, SELECTOR
3	2	507-3918-1431-600F	INDICATOR LAMP, 28V, RED
4	4	507-3918-1432-600F	INDICATOR LAMP, 28V, GRN
5	4	507-3918-1434-600F	INDICATOR LAMP, 28V, BLU
6	10	515-0012	SOCKET, GEAR SELECTOR LIGHTS
7	1	6A09000-080	ASSEMBLY, VALVE, HYDRAULIC, WITH MODIFIED PLATE
8	1	6A09713-001	SPRING, HYDRAULIC CONTROL VALVE
9	1	6A11032-002	LINK - HYDRAULIC, CONTROL VALVE
10	1	6A11190-001	FITTING, HYDRAULIC, CONTROL VAVLE
11	2	6A11261-005	FITTING - HYDRAULIC, CONTROL VALVE
12	1	6A11274-002	WASHER, HYDRAULIC CONTROL SYSTEM
13	2	6A11278-001	SPACER - HYDRAULIC CONTROL VALVE
14	1	6A11506-001	ROD, HANDLE, HYD. CONTROL VALVE
15	1	6A11603-002	KNOB - HYDRAULIC CONTROL VALVE
16	1	6A11704-001	ROLLER, CONTROL ROD
17	1	7A3-4310	PLACARD, HYDRAULIC CONTROL VALVE
18	4	820-01291	CAP, BLACK, 7/16-20 THREADS
19	1	8A11199-006	BLOCK, HYDRAULIC, CONTROL VALVE
20	1	A101SYCB	TOGGLE SWITCH, SPDT, ON ON
21	3	AN526-832R6	SCREW, MACHINE, TRUSS HEAD
22	4	AN816-5-4D	NIPPLE, FLARED TUBE AND PIPE THREAD
23	2	AN816-5D	NIPPLE, FLARED TUBE AND PIPE THREAD
24	1	MS16996-10	CAP SCREW
25	2	MS16997-80	SCREW, CAP, SOCKET HEAD
26	2	MS16997-88	SCREW, CAP, SOCKET HEAD
27	2	MS24667-40	BOLT
28	4	MS35214-42	SCREW, MACHINE, TRUSS HEAD
29	1	MS35333-39	STAR WASHER
30	1	NAS1149D0616J	WASHER, 0.39 ID, 0.016 THK, ALUMINUM
31	2	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
32	1	NAS6203-7	BOLT
33	1	RH-5-180	RESISTOR, 28V
34	6 FT	RNF-3/32-0	TUBING, SHRINK BLACK

BILGE PUMP SYSTEM AND WATER SENSOR



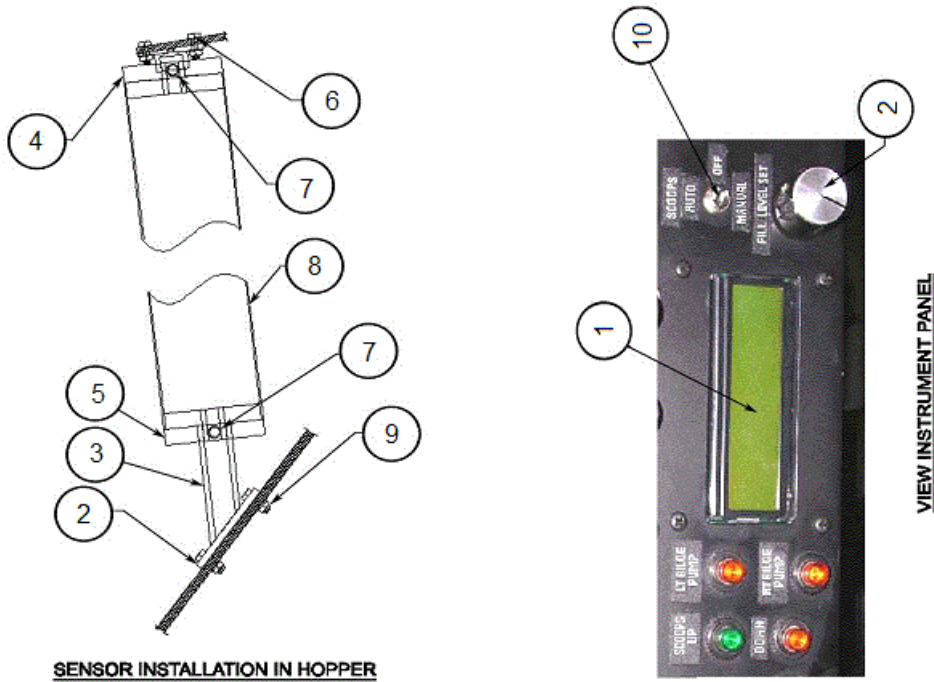
PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1007499	ASSY., PUMP, BILGE (S/N 10204 AND PRIOR ORDER 1001797)
	2	RM500B-24	BILGE PUMP, 24V, 500 GPH (S/N 10204 AND PRIOR ORDER RM750-24)
	8	AN3-5A	BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL
	16	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	8	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
2	2	1007498	BRACKET – PUMP MOUNT (S/N 10204 AND PRIOR ORDER 10A01163-116)
3	4	0232-1419	¾" I.D. BILGE HOSE (SPECIFY LENGTH)
4	2	0322-0404	¾" FITTING
5	1	1001796	ASSEMBLY, WATER SENSOR
	1	3G3283-1	WATER SENSOR
	1	3G3283-5	WATER SENSOR ALTERNATE
6	1	10A01264-006	ADAPTER – WATER SENSOR
7	1	1001799	ASSEMBLY, HARNESS FLOAT WIRING (4 PIN SCOOP POSITION SWITCH CONNECTOR)
	1	1002221	ASSEMBLY, HARNESS FLOAT WIRING (6 PIN SCOOP POSITION SWITCH CONNECTOR) 6 PIN WIPAIRE S/N 10053-10204A
	1	1009794	ASSEMBLY, HARNESS FLOAT WIRING (6 PIN SCOOP POSITION SWITCH CONNECTOR) USED WITH U0163-11 SPLITTER S/N 10205A/10206A

AMTECH FILL SENSOR (DISCONTINUED)

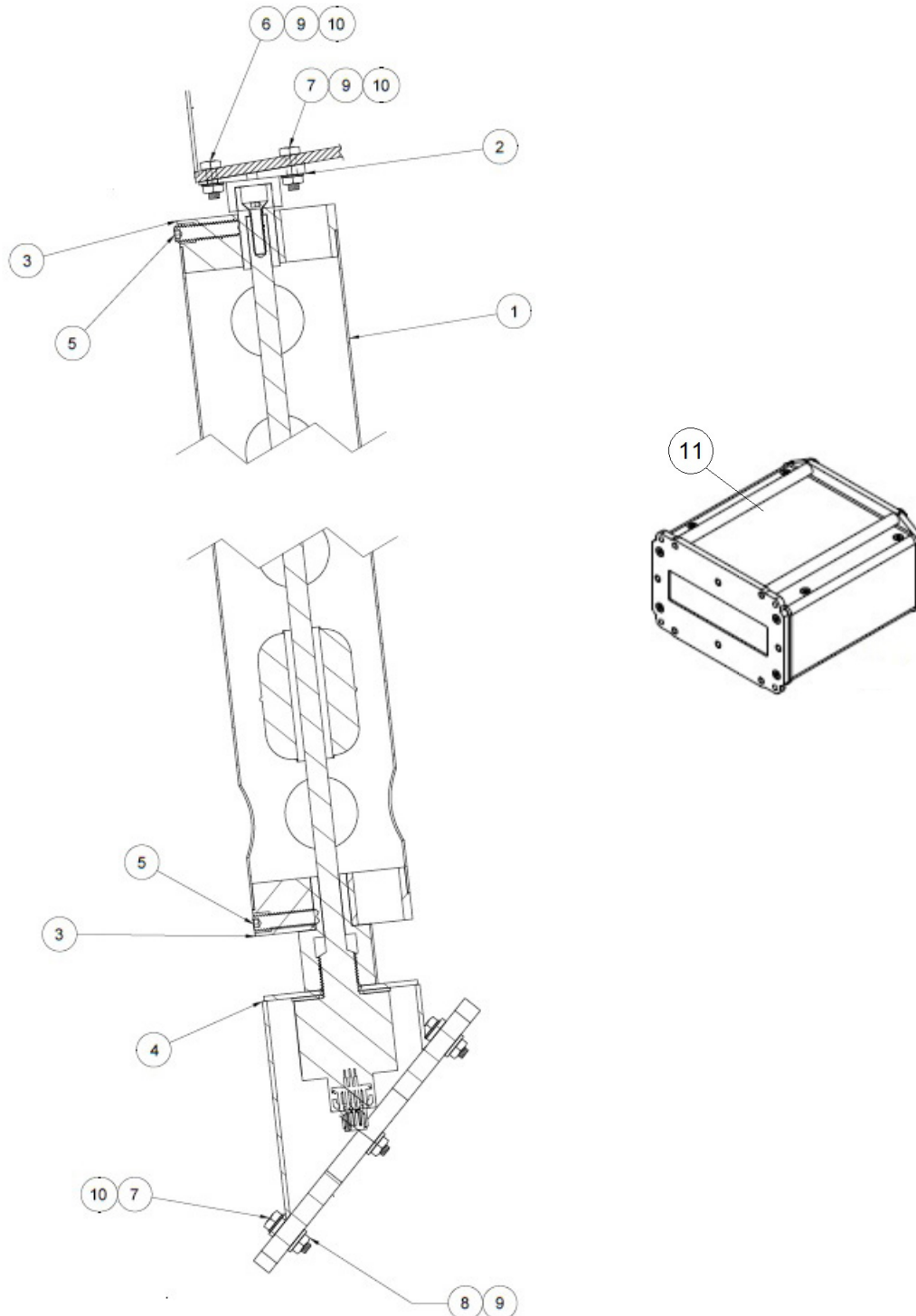
PRE SERVICE LETTER 205

FLOAT SERIAL NUMBERS 10227A & 10228A AND PRIOR



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	C312-0001	FILL SYSTEM DISPLAY
	1	C312-0003	OUTPUT CABLE
	1	C312-0002	BREAKOUT CABLE (WITH POTENTIOMETER AND KNOB)
2	1	C312-0004	PROBE WITH CABLE
3	1	10A12270-008	SPACER FLOAT
4	1	10A12264-005	BRACKET - FLOAT GUIDE
5	1	10A12264-005	BRACKET - FLOAT GUIDE
6	1	10A12251-006	BRACKET - UPPER - FLOAT GUIDE
	2	AN3-6A	BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL
	8	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	4	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
	2	AN3-5A	BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL
7	2	91375A585	SET SCREW, 5/16"X18X1.25" (25/PKG)
8	1	10A12665-001	SHIELD HOPPER FILL CONTROL
9	4	AN3-6A	BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL
	4	AN970-3	WASHER, .203 ID, .875 OD, .063 THICK
	4	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
10	1	61F1248	SWITCH, TOGGLE, DOUBLE POLE

TROTTER CONTROLS FILL SENSOR (REPLACEMENT)
POST SERVICE LETTER 205
FLOAT SERIAL NUMBERS 10229A & 10230A OR LATER



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	7D1-4378	TROTTER, HOPPER FILL CONTROL SYSTEM
1	1	1011432	SHIELD HOPPER
2	1	10A12251-006	BRACKET, UPPER, FLOAT, GUIDE
3	2	10A12264-005	BRACKET, FLOAT GUIDE
4	1	1011649	TROTTER PROBE ASSEMBLY, FILL SYSTEM TROTTER MANUFACTURER PART NUMBER 5850-0030
	1	1012574	WELDMENT, WA PROBE CAN, FIRE BOSS
	1	1012575	NUT, PROBE MOUNTING ADAPTER, FIRE BOSS
	1	1012576	BAR, PROBE END ADAPTER, FIRE BOSS
	1	1012577	FLOAT, PROBE SENSOR, FIRE BOSS
	1	1012578	SENSOR, HOPPER, FIRE BOSS
	1	92125A242	SCREW, FLAT HEAD, M6 X 1 MM, 25 MM LONG, SST
	1	9473K650	GASKET, VITON, 1/2 IN PIPE, .06 THK
5	2	91375A585	SET SCREW, 5/16-18X1.25
6	2	AN3C5A	BOLT, 21/32, 10-32
7	8	AN3C6A	BOLT, 25/32, 10-32
8	6	AN970C3	WASHER, LARGE AREA
9	10	MS21044C3	NUT, 10-32
10	8	NAS1149C0363R	WASHER
11	1	1011618	DISPLAY, FILL LEVEL, PILOT, FIREBOSS TROTTER MANUFACTURER PART NUMBER 5025-0032-04

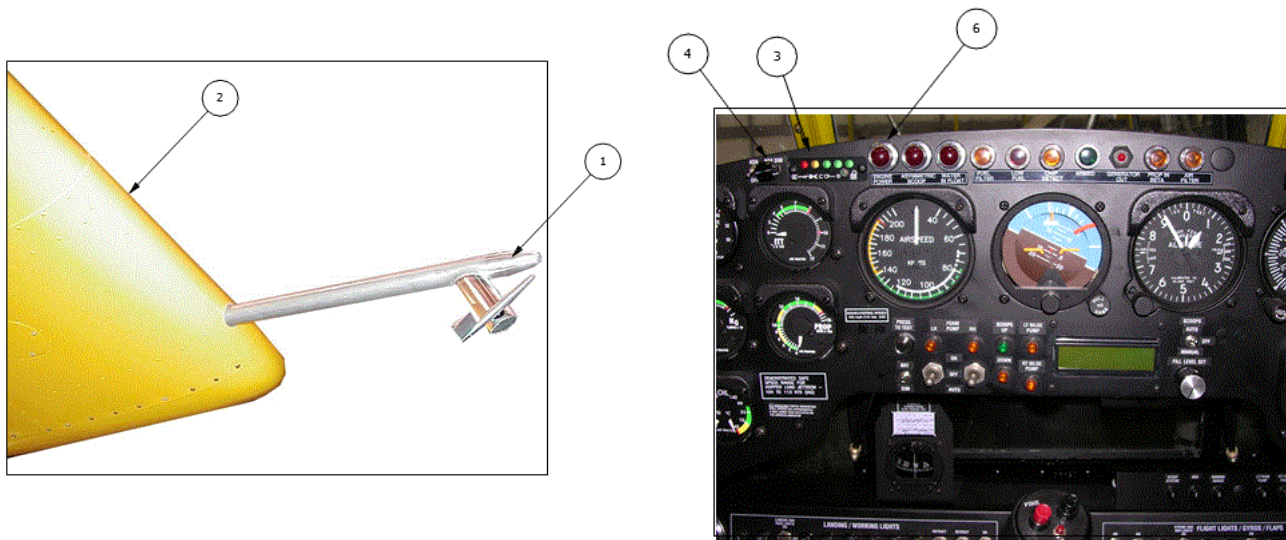
PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

QTY	PART NO.	PART DESCRIPTION
-	1011145	LCD DISPLAY & LEVEL PROVE ASSEMBLY, FIRE BOSS TROTTER MANUFACTURER PART NUMBER 1001-0055
1	1011618	DISPLAY, FILL LEVEL, PILOT, FIREBOSS TROTTER MANUFACTURER PART NUMBER 5025-0032-04
1	1011750	ASS'Y, HARNESS, POWER, FEMALE, FLYING LEAD END TROTTER MANUFACTURER PART NUMBER 5825-0570
1	1011751	ASS'Y, HARNESS, PROBE EXTENSION CABLE TROTTER MANUFACTURER PART NUMBER 5825-0571
1	1011752	ASS'Y, HARNESS, OUTPUT CABLE, FEMALE, FLYING LEAD END TROTTER MANUFACTURER PART NUMBER 5825-0572
1	1011753	ASS'Y, HARNESS, RS232 TO CN7 OF DV, 5M (16') (OPTIONAL) TROTTER MANUFACTURER PART NUMBER 5825-0573
1	1011754	ASS'Y, HARNESS, SCOOP QTY SWITCH INTERFACE TROTTER MANUFACTURER PART NUMBER 5825-0574
1	1011649	ASS'Y, AT-802 FIRE BOSS PROBE TROTTER MANUFACTURER PART NUMBER 5850-0030
-	1011761	ASS'Y, AT-802 FIRE BOSS REMOTE DISPLAY KIT TROTTER MANUFACTURER PART NUMBER 1001-0056
1	1011755	ASS'Y, ENCLOSURE LCD REMOTE DISPLAY (FIRE BOSS) TROTTER MANUFACTURER PART NUMBER 5025-0198
1	1011756	ASS'Y, HARNESS, OPTIONAL REAR DISPLAY TROTTER MANUFACTURER PART NUMBER 5825-0577

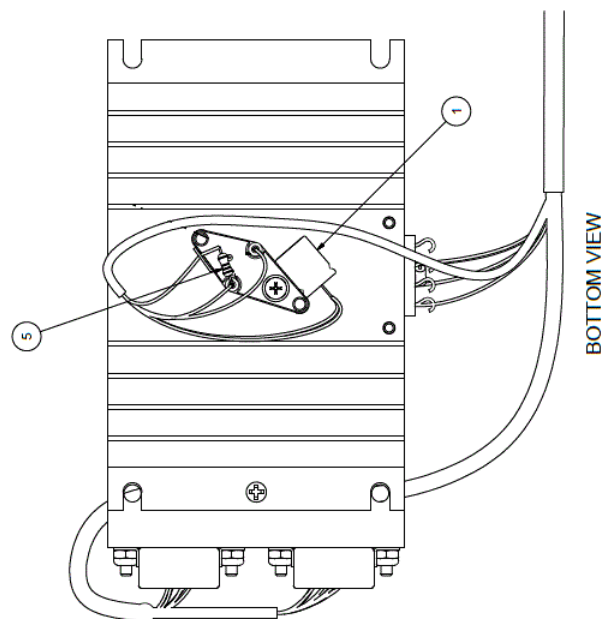
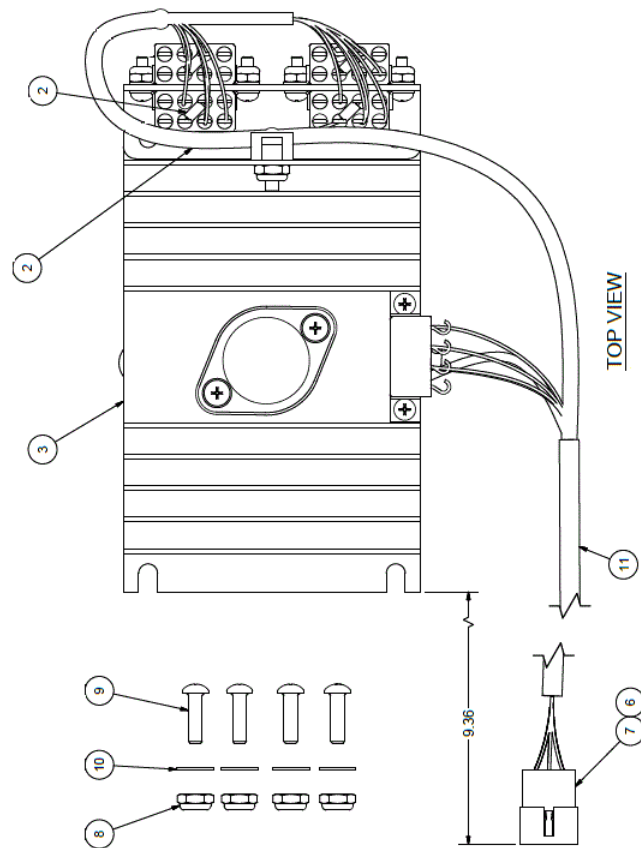
ANGLE OF ATTACK SYSTEM

THIS SYSTEM IS NO LONGER INCLUDED IN FIRE BOSS PRODUCTION MODELS. PARTS AVAILABILITY IS SUBJECT TO REMAINING STOCK. PLEASE CALL OUR CUSTOMER SERVICE DEPARTMENT.



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1002204	ASSEMBLY PROBE VANE (SPECIFY COLOR)
	1	69-24-004	VANE – POLYMER
	1	69-94-001	SENSOR, VANE (POTENTIOMETER)
2	4	10A12182-002	CLAMP, PROBE ATTACH
	8	AN3-27A	BOLT, AIRFRAME, 10-32 THREAD, 2-1/2" GRIP, 2-29/32" LENGTH
	8	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	8	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
3	1	69-21-001	DISPLAY, ANGLE OF ATTACK
	1	69-21-001-W	DISPLAY LEAD 10'
4	1	69-95-002	DIMMER RHEOSTAT
5	1	69-FK	KIT SENSOR POSITION FLAP (NOT SHOWN)
	1	69-23-006	SENSOR, FLAP

SCOOP SENSOR LOGIC POSITION

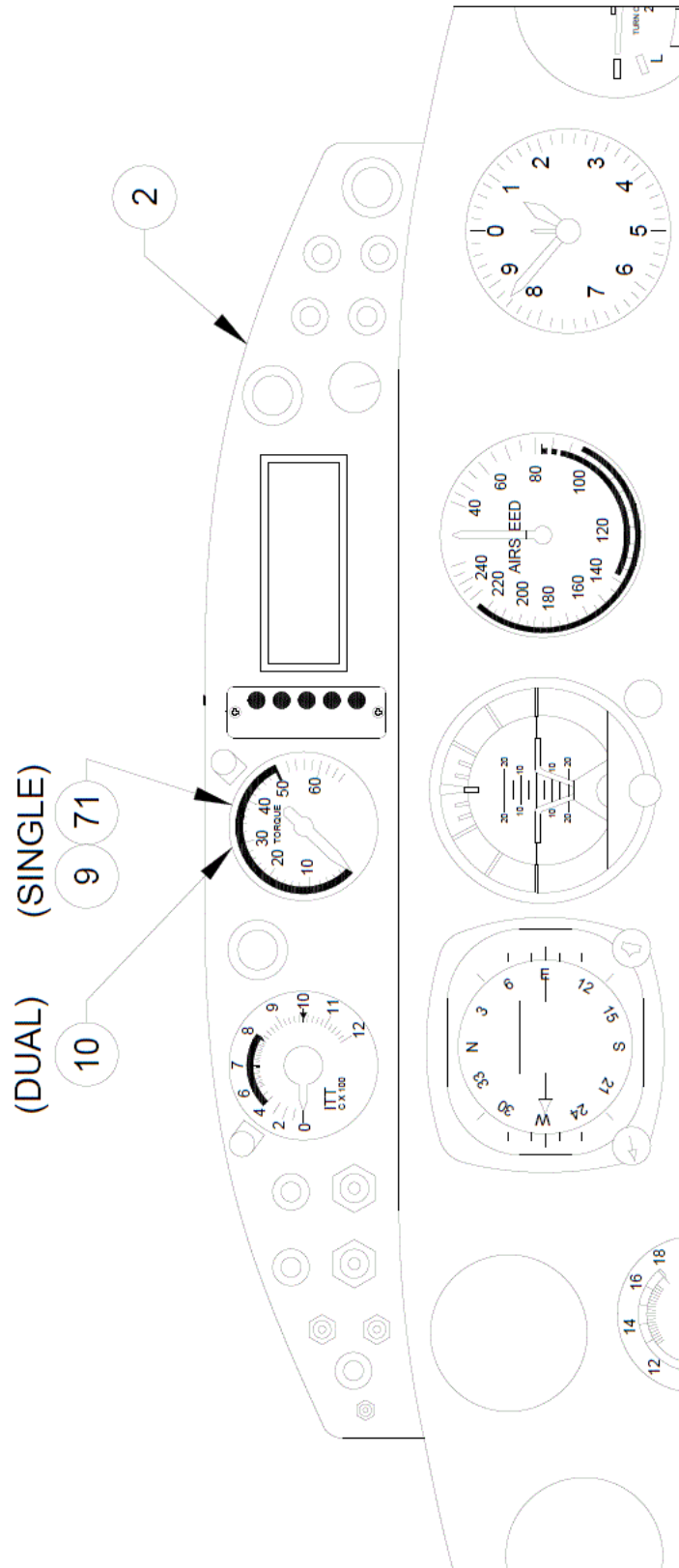


PARTS MANUAL

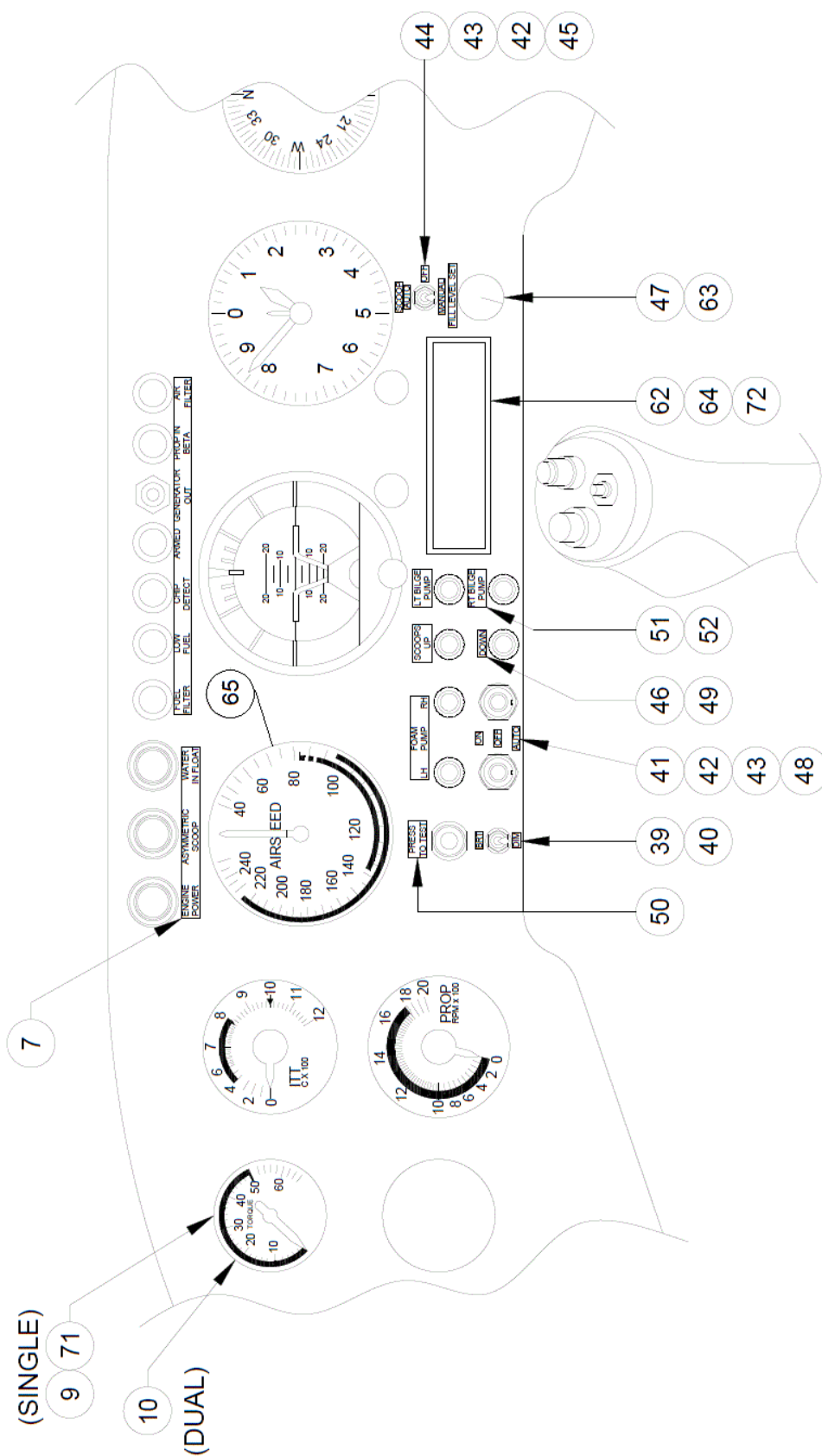
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1001927	ASSEMBLY LOGIC POSITION SCOOP
1	1	01E9319-1	ALUMINUM ELECTROLYTIC CAPACITOR
2	9	09F3604	DIODE
3	1	1002163	ASSEMBLY, HEAT SINK, SCOOP POSITION LOGIC
4	55 FT	22759-16-22-9	WIRE, 22 AWG, WHITE
5	1	291-33K-RC	RESISTOR
6	9	35C4909	CRIMP PIN CONTACT, MALE, 22-18
7	1	38C8715	MULTIPOLE CONNECTOR, MALE 9 PIN
8	4	MS21044N06	NUT, LOCKING, REGULAR HEIGHT, 6-32 UNC
9	4	MS35206-230	SCREW, MACHINE, PAN HEAD
10	4	NAS1149FN616P	WASHER, 0.149 ID, 0.016 THK, STEEL
11	1.5 FT	XPF-3/8	EXPANDABLE SLEEVE, BLACK

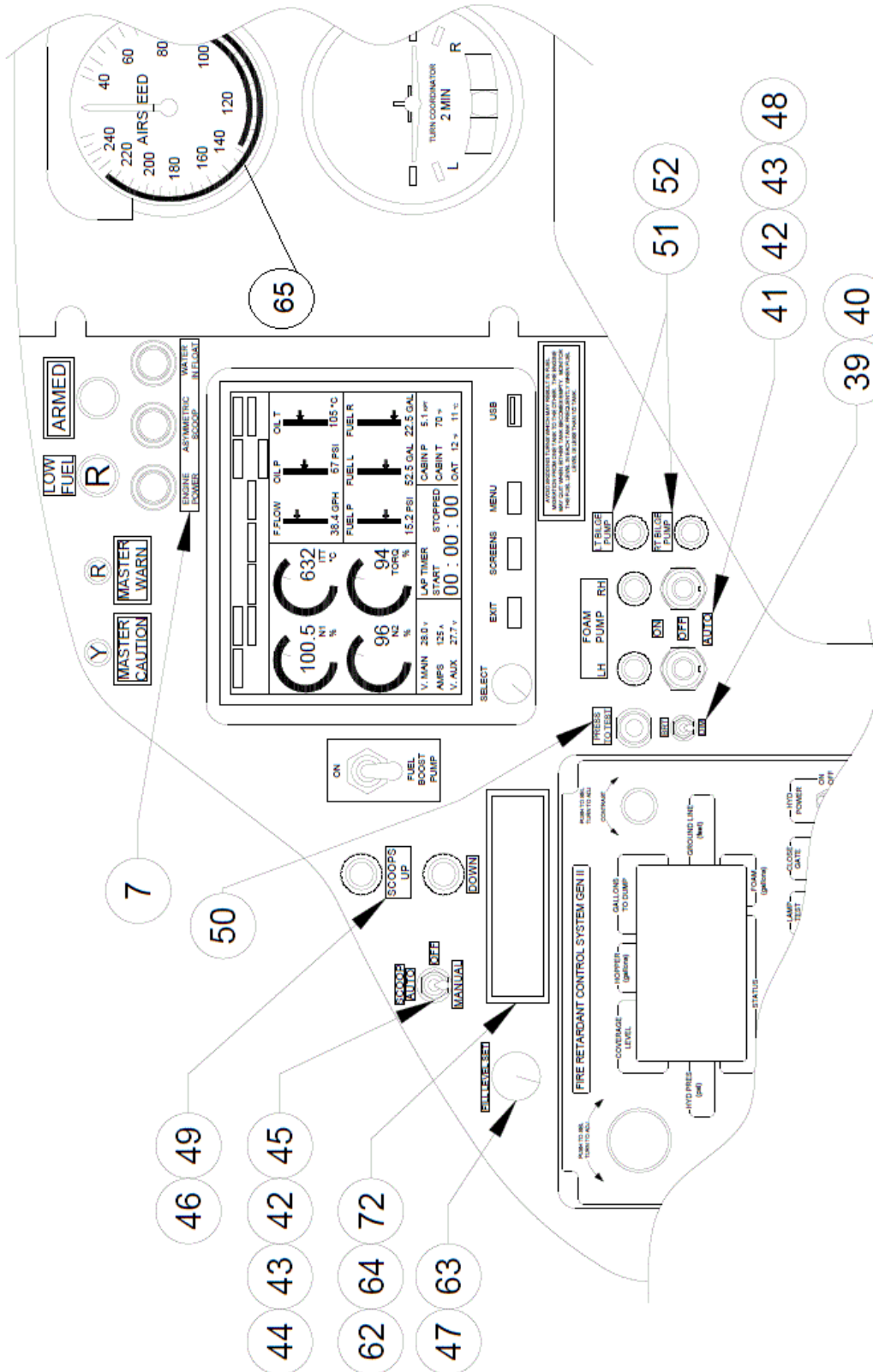
WATER BOMBER INSTRUMENT PANEL



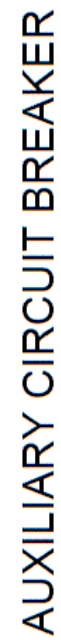
OPTIONAL AUXILIARY PANEL
AIR TRACTOR INST. PANEL P/N 51625-3

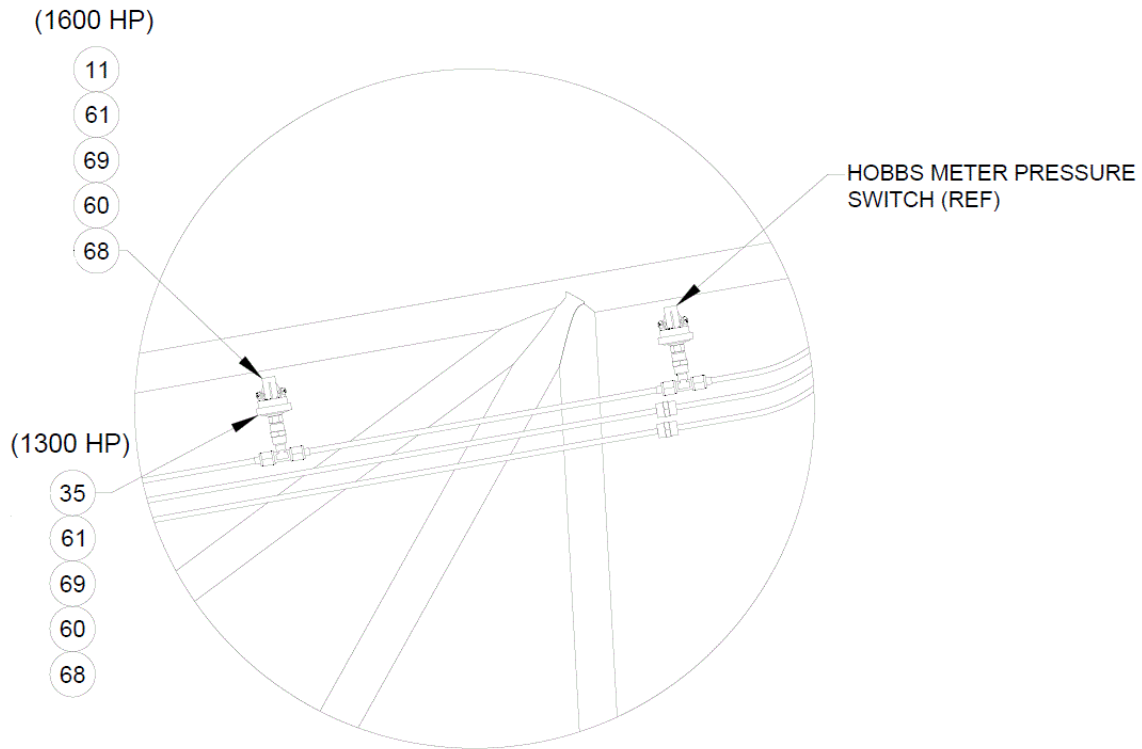


TYPICAL LOCATION FOR ANNUNCIATOR AND SWITCHES (1001925)
AIR TRACTOR INST. PANEL P/N 51625-10

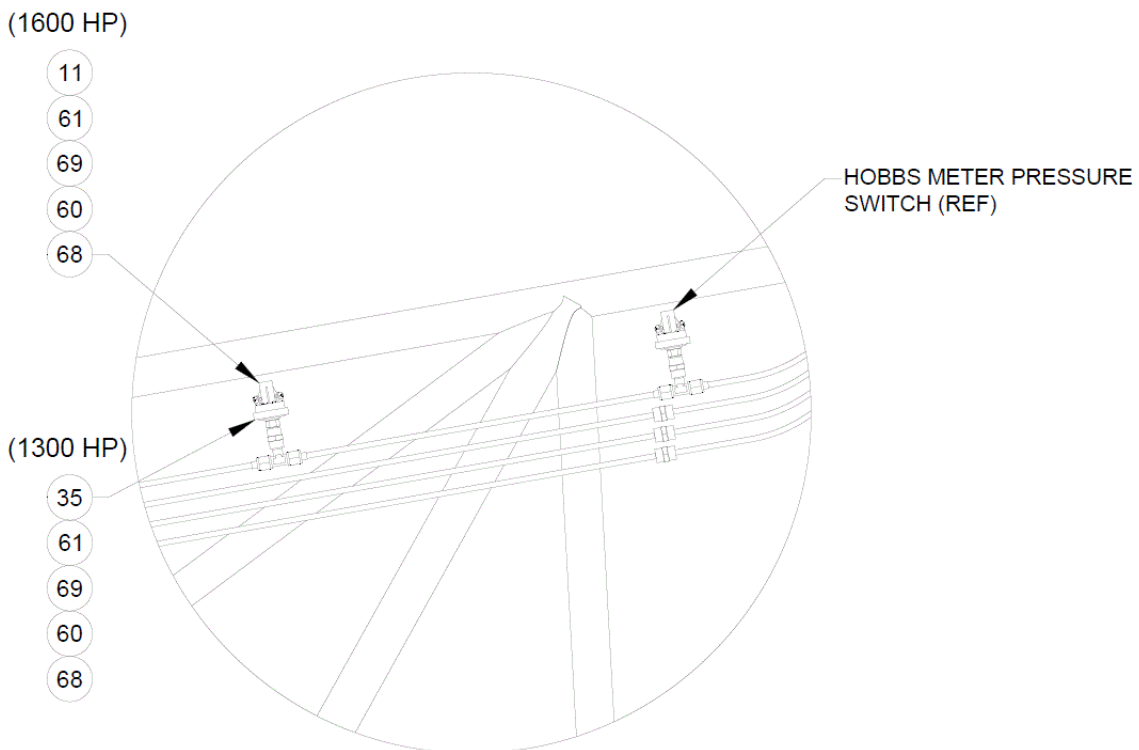


TYPICAL LOCATION FOR ANNUNCIATOR AND SWITCHES (1001925)
AIR TRACTOR INST. PANEL P/N 53172



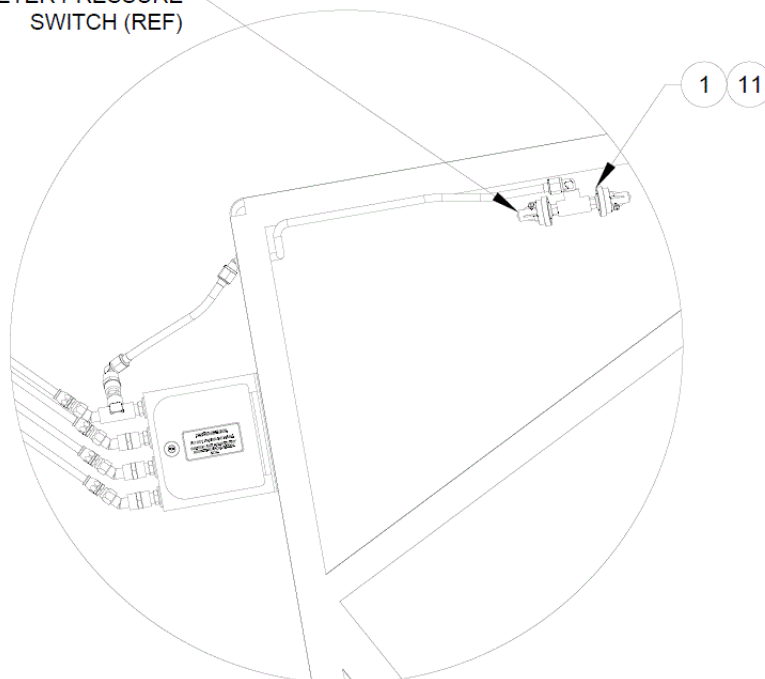


TORQUE PRESSURE SWITCH
SINGLE PORT TORQUE GAUGE



TORQUE PRESSURE SWITCH
DUAL PORT TORQUE GAUGE

HOBBS METER PRESSURE
SWITCH (REF)



**TORQUE PRESSURE SWITCH
MVP ENGINE INSTRUMENT SYSTEM**

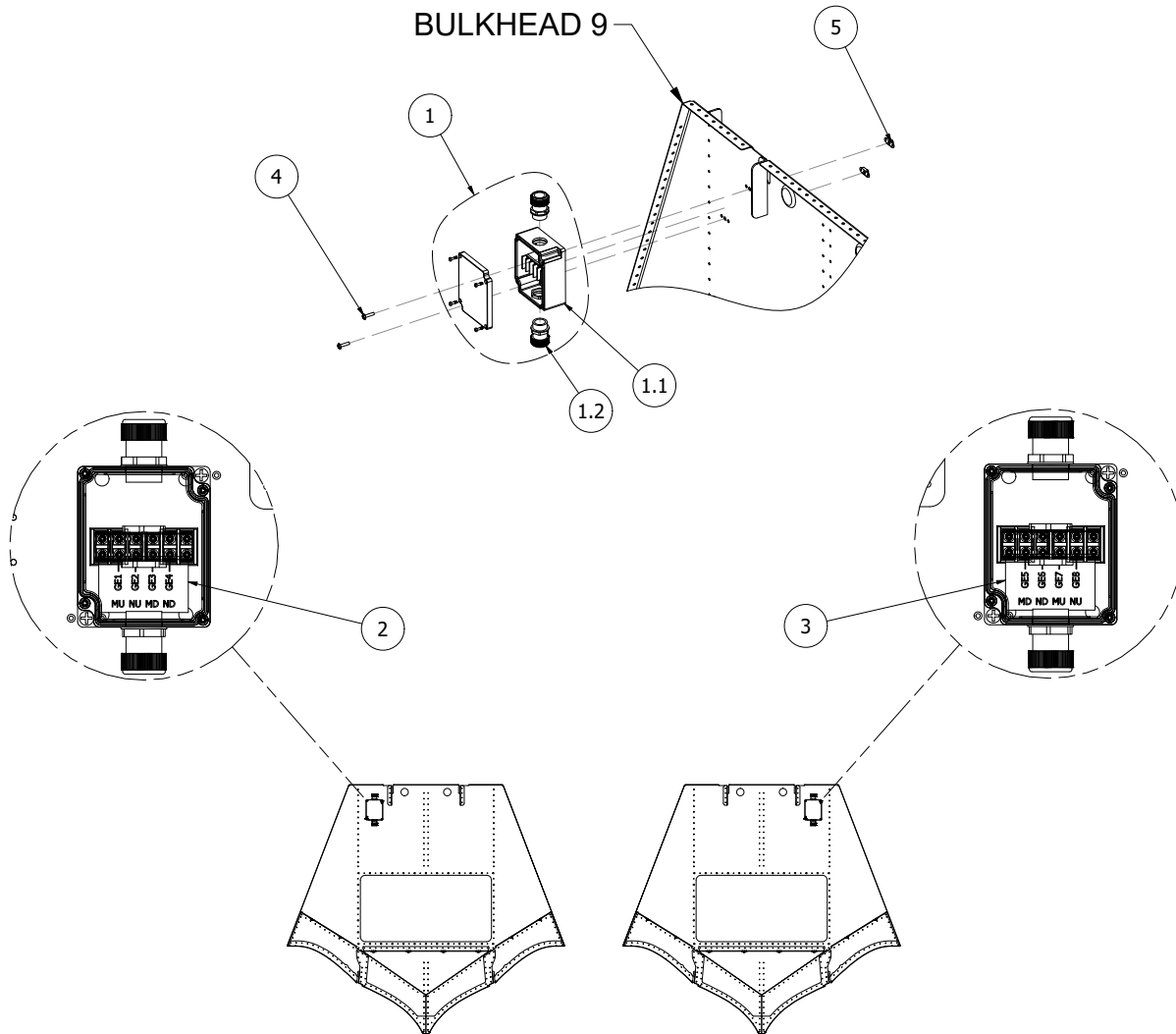
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1/8 MMO-S	PARKER - TEE, INTERNAL PIPE THREAD, 1/8 NPT
2	1	1001363	ASSEMBLY, AUXILIARY INSTRUMENT PANEL
3	1	1001436	ASSEMBLY, AUXILIARY CIRCUIT BREAKER
4	1	1012633	WIRING HARNESS, MAIN, AT802, AT802A
5	1	1001925	WIRE HARNESS, AUXILIARY INSTRUMENT PANEL
6	1	1001927	ASSEMBLY, SCOOP POSITION LOGIC
7	1	1002181	PLACARD, ENGINE POWER
8	1	1012635	ASSEMBLY, RELAY, SCOOP LOCKOUT, TROTTER GEN3
9	1	1004813	TORQUE GAUGE, SINGLE PORT
10	1	1008366	TORQUE GAUGE, DUAL PORT
11	1	1008739	PRESSURE SWITCH, OVER TORQUE, 1600 HP
12	1	10A11000-029	WIRE HARNESS, 14 PIN
13	1	10A11000-030	WIRE HARNESS, PUMP
14	2	1-480702-0	PLUG HOUSING, 4 POSITION
15	2	1-480703-0	PLUG AND SOCKET HOUSING, 4 POSITION
16	10	205090-1	CRIMP SOCKET, 24-20G, FEMALE
17	2	206708-1	9 PIN CPC CONNECTOR
18	2	206966-7	CPC CABLE CLAMP, SIZE 13
19	10 FT	22759-16-20-9	WIRE, 20 AWG, WHITE
20	1	26C1308	HOUSING, MOLEX, 3 PIN

ITEM	QTY	PART NO.	PART DESCRIPTION
21	3	26C1313	HOUSING, MOLEX, 2 PIN
22	3	26C1314	PLUG, MOLEX 2 PIN FEMALE
23	2	31890	TERMINAL, RING
24	8	350689-1	CRIMP SOCKET
25	8	350690-1	CRIMP PIN
26	6	36154	TERMINAL, RING
27	10	36160	TERMINAL, RING
28	20	35C4908	CRIMP PIN CONTACT, FEMALE
29	10	35C4909	CRIMP PIN CONTACT, MALE
30	1	38C8706	HOUSING, MOLEX, 1 PIN
31	1	38C8715	9 PIN MOLEX CONNECTOR
32	1	507-3918-1431-600F	LAMP, RED, 28V
33	1	507-3918-1432-600F	LAMP, GREEN, 28V
34	1	507-3918-1434-600F	LAMP, BLUE, 28V
35	1	61233-1	PRESSURE SWITCH, OVER TORQUE, 1350 HP
36	10	66101-4	CRIMP SOCKET
37	20	66105-4	CRIMP SOCKET
38	1	68X4	BRASS FITTING (AIRTRACTOR)
39	1	7B3-4400-1	PLACARD, BRIGHT
40	1	7B3-4400-2	PLACARD, DIM
41	1	7B3-4400-3	PLACARD, ON
42	3	7B3-4400-4	PLACARD, OFF
43	2	7B3-4400-6	PLACARD, AUTO
44	1	7B3-4400-7	PLACARD, SCOOPS
45	1	7B3-4400-8	PLACARD, MANUAL
46	1	7B3-4400-9	PLACARD, DOWN
47	1	7B3-4400-13	PLACARD, FILL LEVEL
48	1	7B3-4400-14	PLACARD, FOAM PUMP
49	1	7B3-4400-16	PLACARD, SCOOPS UP
50	1	7B3-4400-17	PLACARD, PRESS TO TEST
51	1	7B3-4400-22	PLACARD, BILGE PUMP LT
52	1	7B3-4400-23	PLACARD, BILGE PUMP RT
53	1	96B7033	PLUG, MOLEX, 9 POSITION
54	10 FT	97358	SPLIT LOOM, 1/4", BLACK
55	10 FT	97359	SPLIT LOOM, 3/8", BLACK
56	10 FT	97361	SPLIT LOOM, 1/2", BLACK
57	10 FT	97363	SPLIT LOOM, 3/4", BLACK
58	4	AAP-43	POP RIVET
59	8	AN526-832R8	SCREW
60	2	AN818-4D	NUT, TUBE COUPLING
61	1	AN910-1D	COUPLING, PIPE THREAD

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
62	1	C312-0001	DIGITAL READ OUT, FILL SYSTEM
63	1	C312-0002	CABLE, FILL SYSTEM
64	1	C312-0003	CABLE, FILL SYSTEM
65	1	1004885	AIRSPEED INDICATOR AT-802 ONLY
	1	EA5175-22	AIRSPEED INDICATOR AT-802A ONLY
66	5 FT	HS105-1/4-0	HEAT SHRINK, BLACK
67	5 FT	HS105-3/16-0	HEAT SHRINK, BLACK
68	2	MS20819-4D	SLEEVE, FLARED TUBE FITTING
69	1	MS20825-4D	TEE, PIPE TO TUBE
70	8	MS21044N08	NUT, LOCKING NYLON INSERT
71	1	MS28042-1A	CLAMP
72	4	MS35214-25	BRASS SCREW
73	8	NAS1149FN832P	WASHER
74	100	PLT1M-M0	ZIP TIES, SMALL
75	100	PLT3S-M0	ZIP TIES, MEDIUM
76	1	PRD60	RECORDER, DIGITAL ORAL AURAL
77	10	R-3	TERMINAL RING, # 6 STUD
78	10	R-5	TERMINAL RING, # 10 STUD
79	4	S1021A8-10	SCREW
80	1	S1139-1	TEE FITTING
81	4	S2034-1	MOUNT
82	200	T18L	ZIP TIES, 8"
83	4	T-8	CABLE TIE MOUNT
84	8	Y-2	RING CONNECTOR, # 6 STUD
85	8	Y-3	RING CONNECTOR, # 8 STUD
86	8	Y-4	RING CONNECTOR, # 10 STUD
87	2	Y-6	RING CONNECTOR, 5/16 STUD

TERMINAL BLOCK



LEFT FLOAT

RIGHT FLOAT

ITEM	QTY	PART NO.	PART DESCRIPTION
1	2	1012986	ASSEMBLY, TERMINAL BLOCK BOX, 6 POS
1.1	1	PTT-10681-C	JUNCTION BOX ABS 3.58" L X 2.95" W
-	4	(REF)	SREW, STAINLESS, M5 X .05 (INCLUDED WITH PTT-10681-C)
1.2	2	IPG-222135	CABLE GLAND, NYLON, .24-.47 WIRE DIA
2	1	1008327-03	DECAL, TERMINAL MOUNT, LEFT FLOAT
3	1	1008327-04	DECAL, TERMINAL MOUNT, RIGHT FLOAT
4	4	AN526C632R10	SCREW, MACHINE, TRUSS HEAD
5	2	MS21059L06	NUTPLATE, FLOATING, DRY LUBE, 6-32

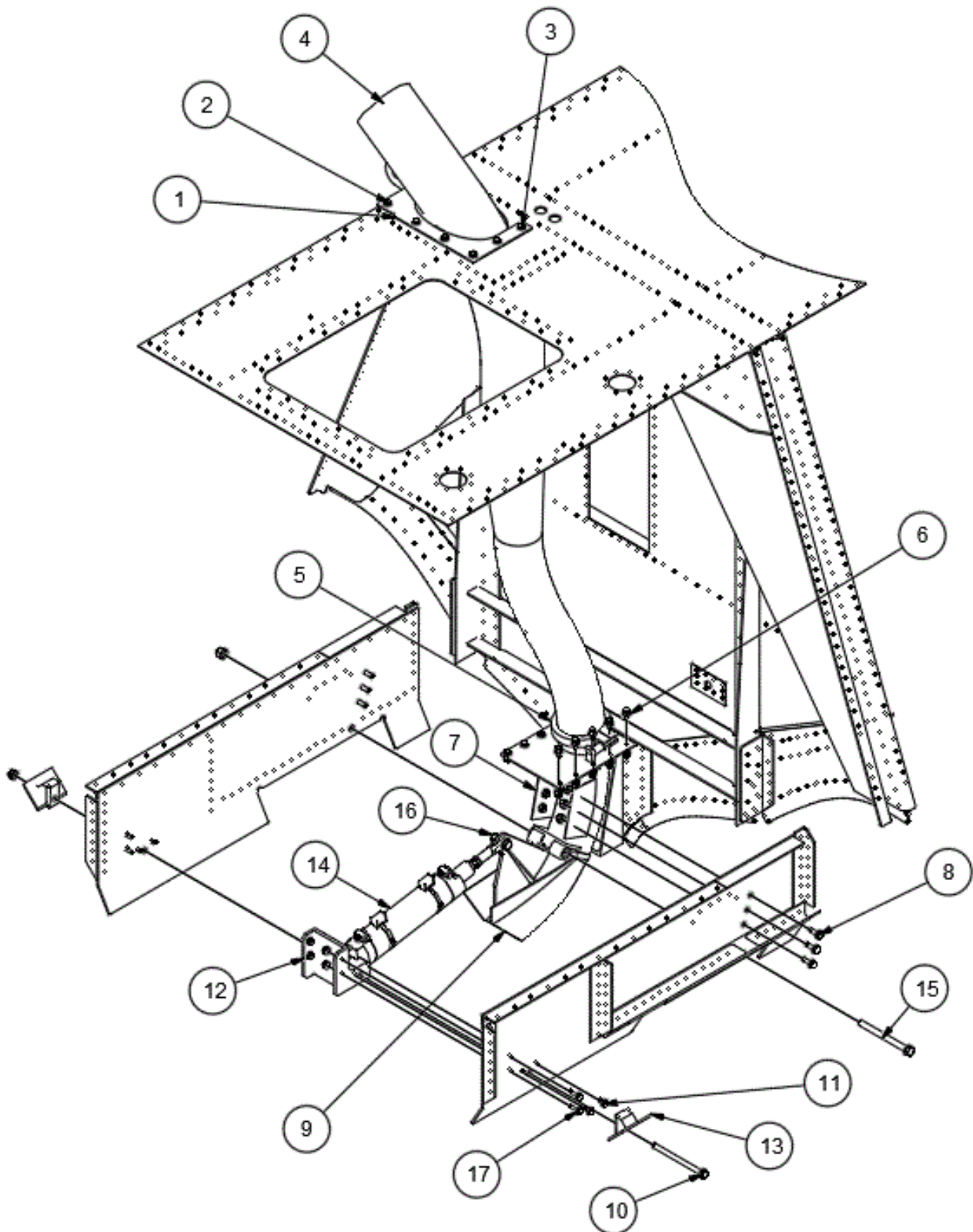
SECTION 6

SCOOP SYSTEM

CONTENTS

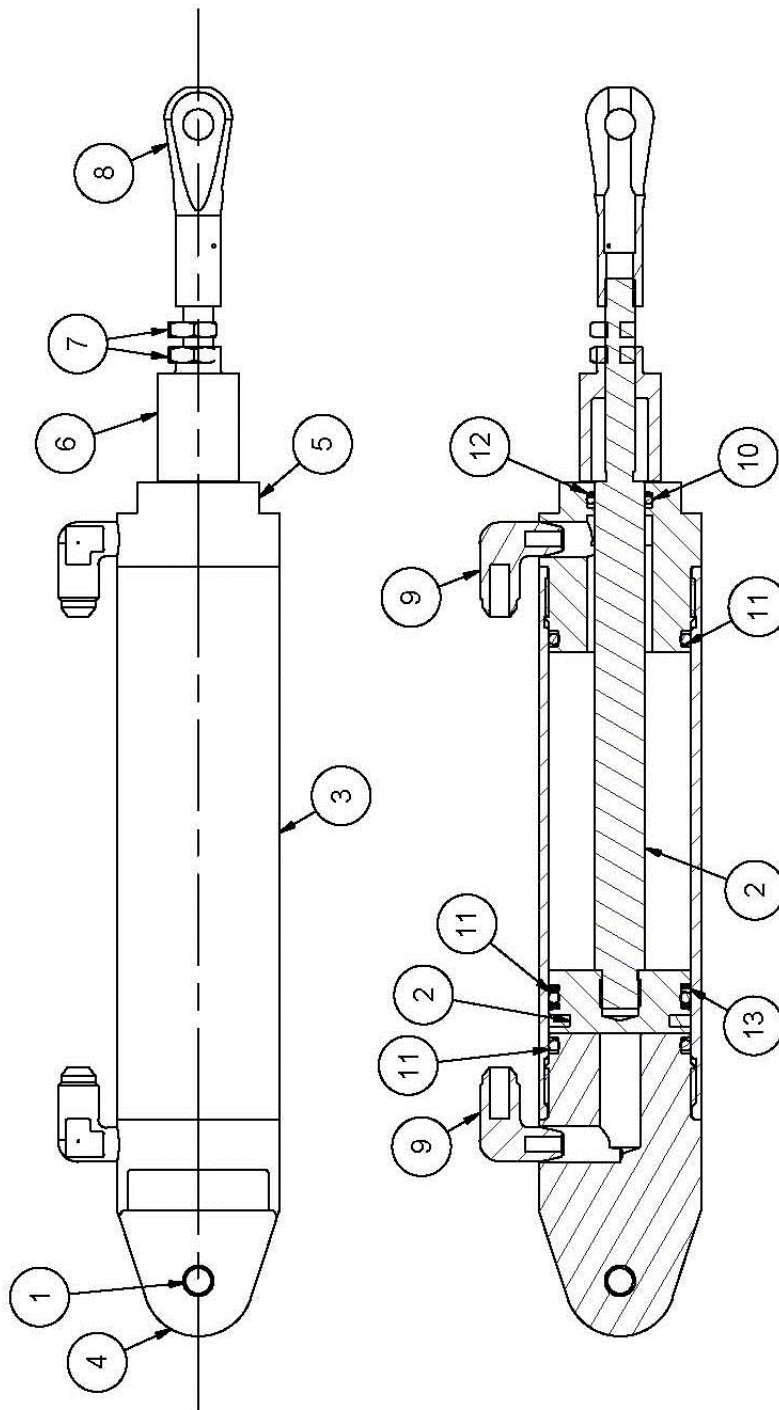
SCOOP SYSTEM	234
PROBE JACK CYLINDER ASSEMBLY	236
SCOOP TUNNEL	238
HOPPER VENT SYSTEM	241
FILL SYSTEM FUSELAGE	246
FILL VALVE ASSEMBLY	250

SCOOP SYSTEM



ITEM	QTY	PART NO.	PART DESCRIPTION
1 LT.	1	10A01592-005	FLANGE, FLOAT DECK, SCOOP TUBE, LEFT
1 RT.	1	10A01592-004	FLANGE, FLOAT DECK, SCOOP TUBE, RIGHT
2	3	AN3-6A	BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL
	6	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	3	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
3	5	AN3-5A	BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL
	10	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	5	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
4 LT.	1	10A01000-453	ASSEMBLY, SCOOP TUBE & FLANGE, LEFT HAND
4 RT.	1	10A01000-452	ASSEMBLY, SCOOP TUBE, RIGHT
5	1	1001159	CLAMP, WATER TUBE, 10000
	1	7G3.0	GASKET, SCOOP TUBE, ASSEMBLY
6	10	AN3-5A	BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL
	20	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	10	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
7	1	10A01000-454	ASSEMBLY, SCOOP TUBE, UPPER PROBE
8	6	AN4-6A	BOLT, 1/4-28, 0.3125 GRIP, UNDRILLED, STEEL
	12	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
	6	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
9	1	10A01000-455	ASSEMBLY, SCOOP TUBE, LOWER PROBE
	2	10A01542-001	BUSHING - PIVOT - SCOOP
10	1	AN5-42A	BOLT, 5/16-24, 3.8125 GRIP, UNDRILLED, STEEL
	2	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
	1	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL 5/16-24
11	4	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
	4	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
12	1	10A01031-002	PIVOT BRACKET - PROBE JACK
13	1	10A01198-022	SEAL, BOTTOM BOLT
14	1	10A09000-293	ASSEMBLY, CYLINDER, PROBE JACK
15	1	AN6-41A	BOLT, 3/8-24, 3.5625 GRIP, UNDRILLED, STEEL
	2	NAS1149F0663P	WASHER, 0.39 ID, 0.063 THK, STEEL
	1	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF
16	1	AN6-11A	BOLT, 3/8-24, 0.5625 GRIP, UNDRILLED, STEEL
	2	NAS1149F0663P	WASHER, 0.39 ID, 0.063 THK, STEEL
	1	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF
17	4	AN3-6A	BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL
	8	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	4	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF

PROBE JACK CYLINDER ASSEMBLY

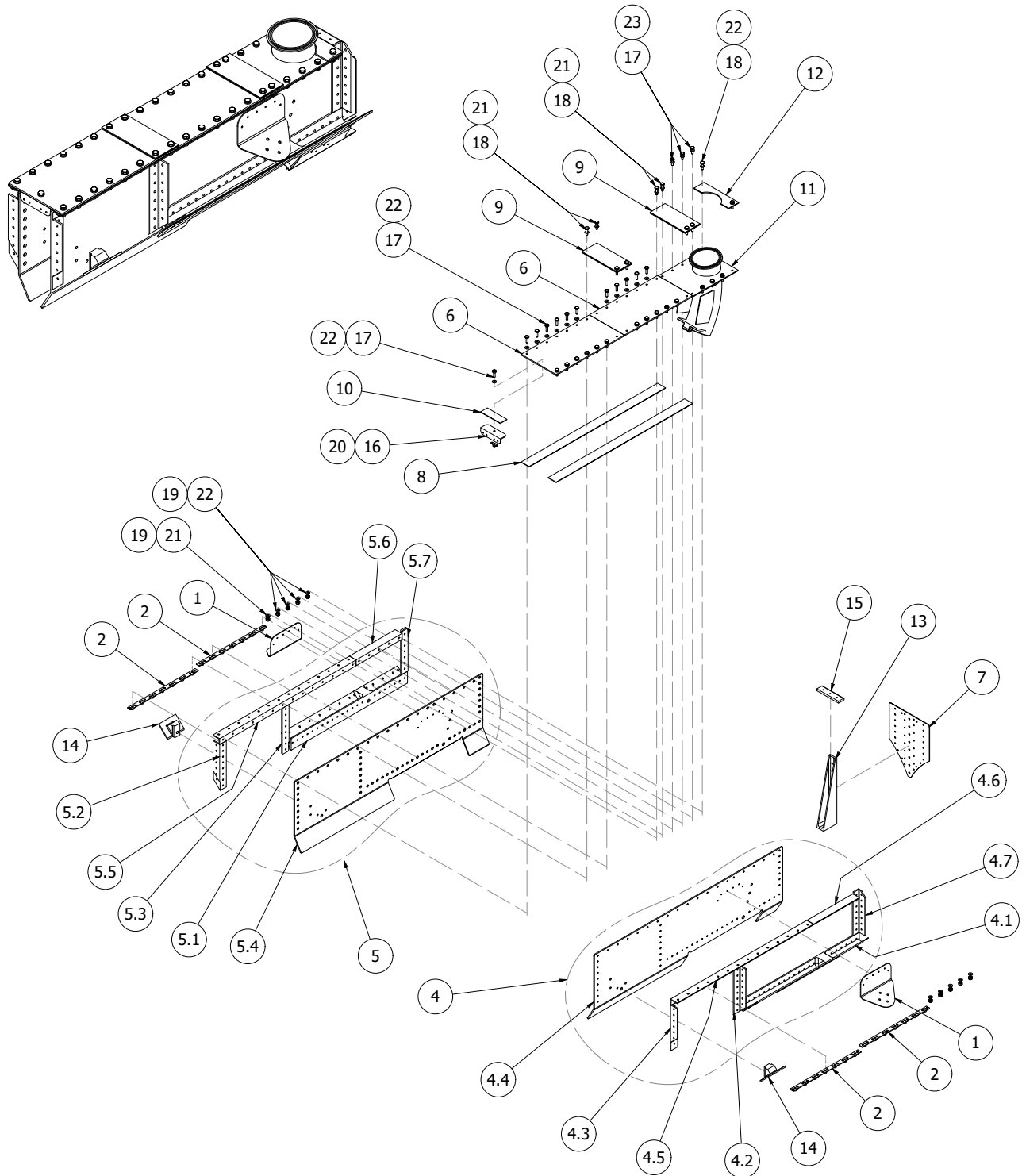


PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	10A09000-293	PROBE JACK CYLINDER ASSEMBLY
1	1	05DU06	SELF LUBRICATING BUSHINGS
2	1	1011446	ASSY., PISTON ROD, PROBE JACK (10A09000-292 HAS BEEN DISCONTINUED)
3	1	10A09024-002	CYLINDER
4	1	10A09024-003	END PLUG – PROBE JACK
5	1	10A09024-004	FRONT PLUG – PROBE JACK
6	1	10A09261-008	STOP – PROBE JACK
7	2	AN316-6R	NUT
8	1	AN665-80R	TERMINAL, FLY WIRE
9	2	MS20822-5-4D	FITTING 90 DEGREE
10	1	MS28775-114	“O” RING
11	3	MS28775-222	“O” RING, HYDRAULIC
12	1	MS28782-12	BACKUP RING
13	2	MS28782-27	BACKUP RING
14*	1	1001721	ASSY. SCOOP POSITION SWITCH (4 PIN)
	1	KPTC6E8-4S	CONNECTOR (4 PIN)
	1	1002152	ASSY. SCOOP POSITION SWITCH (6 PIN)
	1	KPSE06E10-6S	CONNECTOR (6 PIN) (6 PIN STARTS AT WIPAIRE S/N 10053)
	2	BIM-PST-AN6X KLP80	POSITION SWITCH S/N 10001-10204
	2	M6965106	CLAMP
	2	S4685792	SENSOR, INDUCTIVE MAGNET, NON 10-30 VDC S/N 10205/10206
	1	U0163-11	SPLITTER, 2 BRANCH, 4 WIRE, MALE (S/N 10205A/10206A)

*ITEMS NOT SHOWN

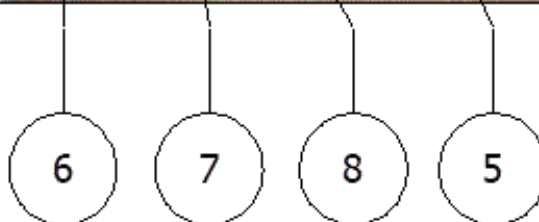
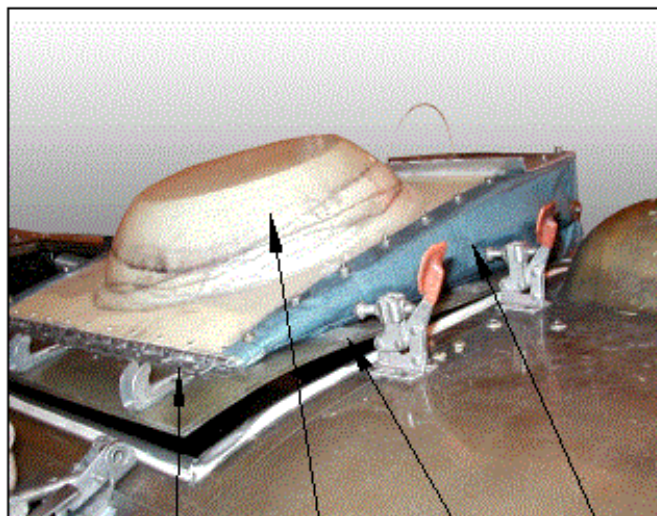
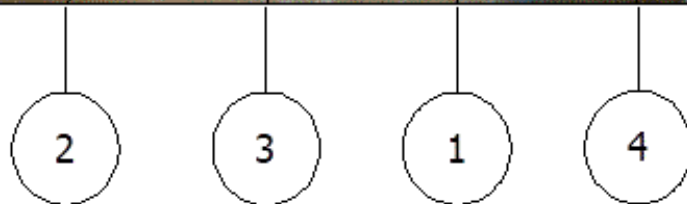
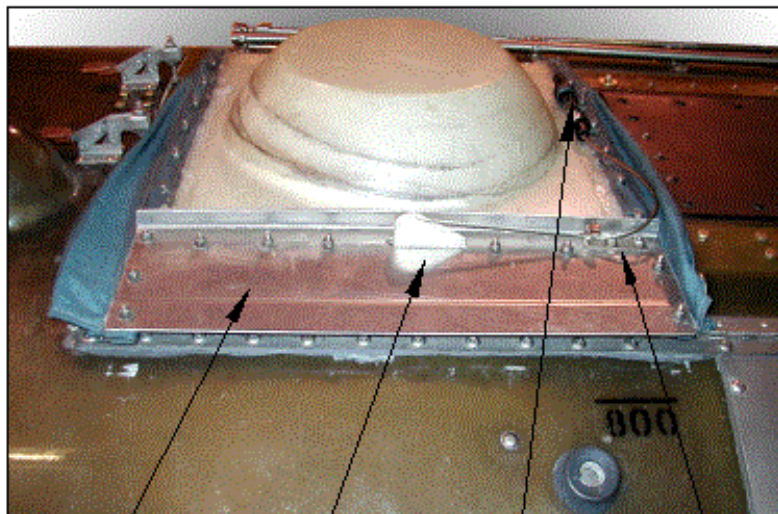
SCOOP TUNNEL

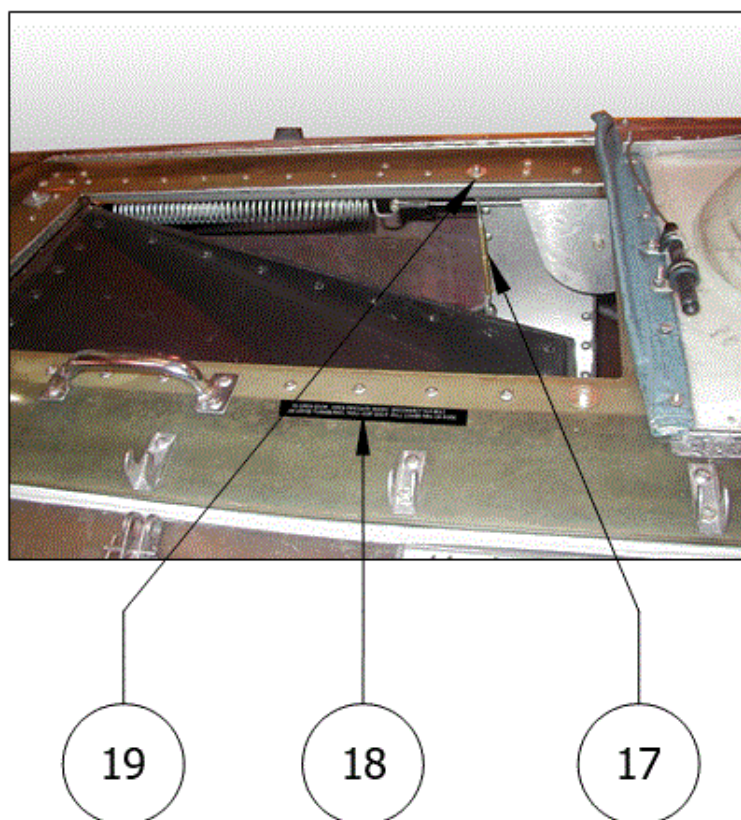
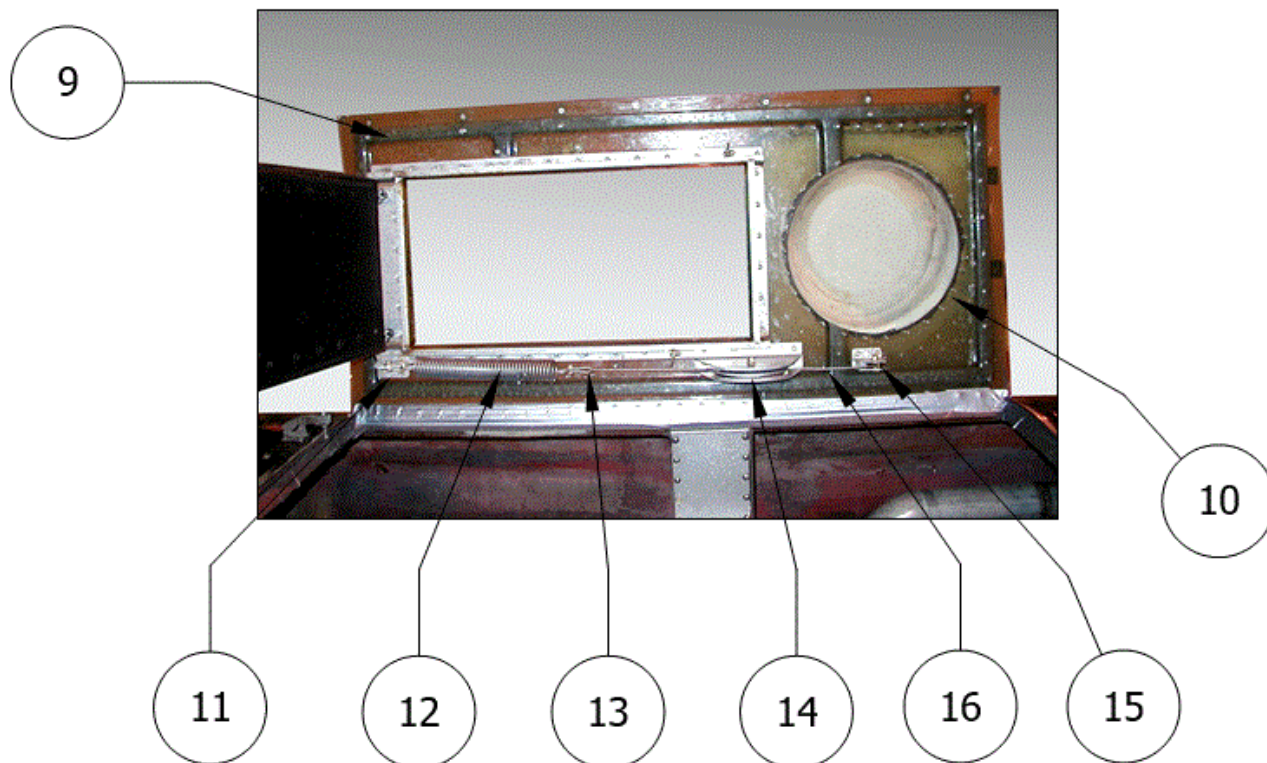


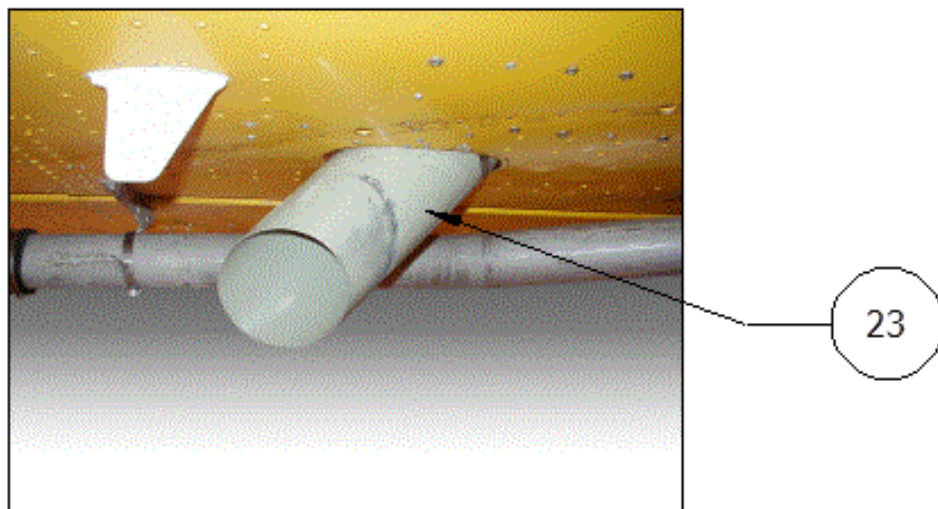
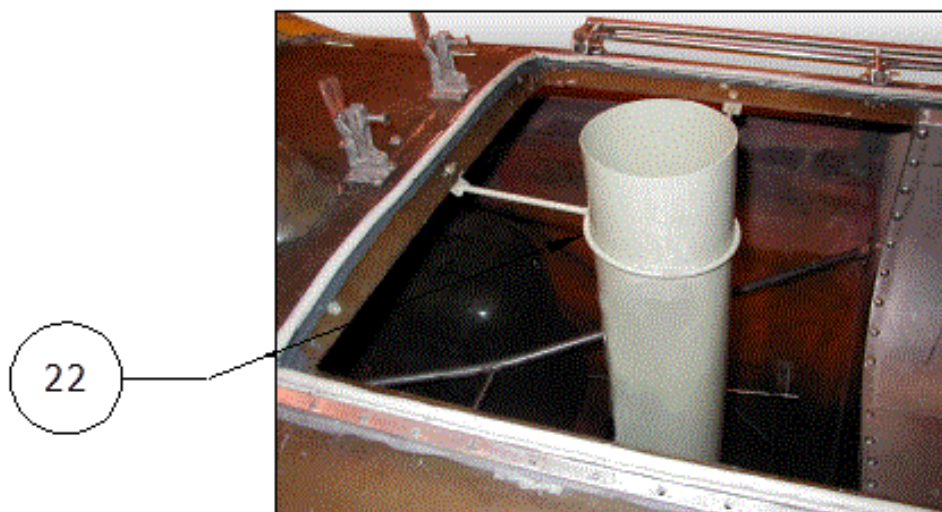
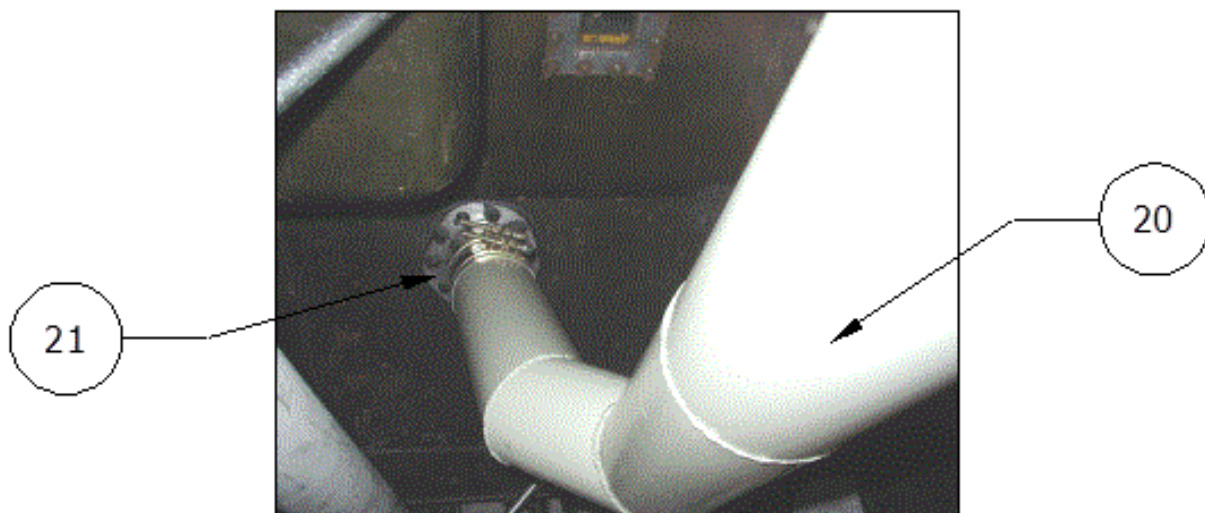
ITEM	QTY	SN 10269 & LATER	SN 10268 & PRIOR	PART DESCRIPTION
1	2	1007498	1007498	MOUNT, BILGE PUMP
2	4	1009724	1009724	ASSEMBLY, STRIP, NUTPLATE, 10000
	1	1009722	1009722	STRIP, NUTPLATE, 10000
	A/R	9903-10-36	9903-10-36	TINNERMAN TAPE, 1/2" X .005 ML
	7	MS21060L3	MS21060L3	NUT PLATE, FLOATING, STEEL, PLAIN, 10-32
4	1	1011382	1001067	ASSEMBLY, SIDE PANEL, SCOOP TUNNEL, LH
4.1	1	1011380	10A01198-021	SUPPORT, LH, SCOOP TUNNEL
4.2	1	1011384	10A01427-031	ANGLE, TUNNEL FWD AND MID, LH
4.3	1	1011385	10A01427-030	ANGLE, TUNNEL FWD AND MID, RH
4.4	1	10A01001-065	10A01001-065	PLATE, SCOOP TUNNEL
4.5	1	10A01359-235	10A01359-235	ANGLE, COVER, SCOOP TUNNEL
4.6	1	10A01359-237	10A01359-237	ANGLE, SHORT, COVER, SCOOP TUNNEL
4.7	1	10A01427-028	10A01427-028	ANGLE, TUNNEL, AFT, RH
5	1	1011383	1001068	ASSEMBLY, SIDE PANEL, SCOOP TUNNEL, RH
5.1	1	1011381	10A01198-020	SUPPORT, RH, SCOOP TUNNEL
5.2	1	1011384	10A01427-031	ANGLE, TUNNEL FWD AND MID, LH
5.3	1	1011385	10A01427-030	ANGLE, TUNNEL FWD AND MID, RH
5.4	1	10A01001-064	10A01001-064	PLATE, SCOOP, TUNNEL
5.5	1	10A01359-235	10A01359-235	ANGLE, COVER, SCOOP TUNNEL
5.6	1	10A01359-237	10A01359-237	ANGLE, SHORT, COVER, SCOOP TUNNEL
5.7	1	10A01427-029	10A01427-029	ANGLE, TUNNEL, AFT, LH
6	2	1011388	1011388	PLATE, TOP COVER, TUNNEL
7	1	1011513	1011513	DOUBLER, TUNNEL END
8	2	1012637	1012637	GASKET, SCOOP TUNNEL
9	2	1012644	1012644	ASSEMBLY, CONNECTOR, PROBE TUNNEL COVER
	1	1012639	1012639	GASKET, CONNECTOR - PROBE TUNNEL COVER
	1	10A01155-053	10A01155-053	CONNECTOR - PROBE TUNNEL COVER
10	1	1012848	1012848	GASKET, SCOOP TUNNEL, FWD
11	1	10A01000-454	10A01000-454	ASS'Y - SCOOP TUBE - UPPER - PROBE
12	1	10A01156-186	10A01156-186	SPLICE, PIVOT
13	1	10A01196-005	10A01196-005	SUPPORT - AFT - MAIN KEEL
14	2	10A01198-022	10A01198-022	SEAL - BOTTOM BOLT
15	1	10A01205-010	10A01205-010	SPACER, SCOOP TUNNEL
16	1	10A01359-239	10A01359-239	ANGLE, END, SCOOP TUNNEL
17	29	AN3-5A	AN3-5A	BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL
18	10	AN3-6A	AN3-6A	BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL
19	10	MS21044N3	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
20	1	MS21047L3	MS21047L3	NUT PLATE, FIXED, STEEL, PLAIN, 10-32

ITEM	QTY	SN 10269 & LATER	SN 10268 & PRIOR	PART DESCRIPTION
21	10	NAS1149D0316J	NAS1149D0316J	WASHER, 0.203 ID, 0.016 THK, ALUMINUM
22	33	NAS1149D0363J	NAS1149F0463P	WASHER, 0.203 ID, 0.063 THK, ALUMINUM
23	6	NAS1149F0363P	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL

HOPPER VENT SYSTEM





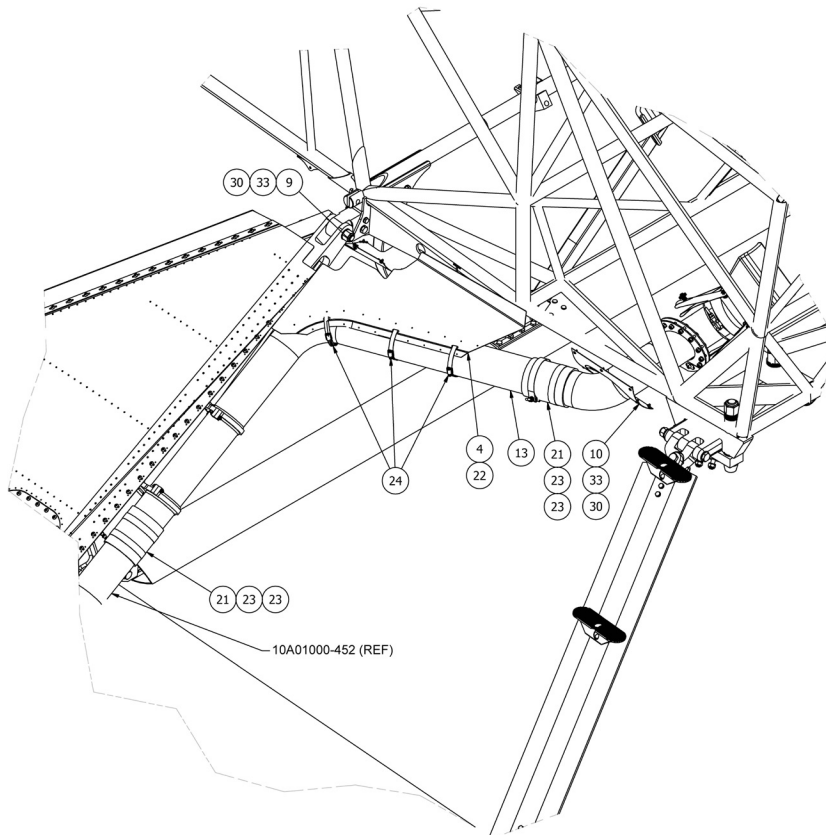


ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	21A08274-007	HANDLE
	2	MS21919WDG9	CLAMP, DIA 9/16", ALUMINUM BAND, CHLOROPRENE CUSHION
2	1	10A12163-121	BRACKET REINFORCEMENT
3	1	10A12652-003	GUIDE, VENT DOOR CABLE
	2	MS24693S48	SCREW, COUNTERSUNK, 8-32 UNC, 0.375 LG
4	1	10A12487-009	RETAINER CLIP
5	2	10A12695-001	WATER DEFLECTOR - OVERFILL VENT
	4	10A12150-200	REINFORCEMENT STRIPS
	40	AN507-1032	SCREW
6	1	10A12745-002	HINGE - DOME VENT
7	1	10A12599-013	VENT DOME
8	4	10A12536-015	PAD, CLAMP
9	1	80533-1	HOPPER LID
	2	80532-5	GASKET - SPONGE
10	1	R581559	SEAL, RUBBER, W/ RUBBER SPIKES, 1 1/2" SPACING, 3/8"DIA
11	1	1011016	ANGLE, SPRING ATTACH
	1	MS20115-5	SHACKLE, 5/32
	3	AN3-6A	BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL
	3	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	3	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
12	1	81153S	SPRING, CENTERING, 1-1/2" DIA, 6" SPRING LENGTH
13	1	10A12000-064	CABLE ASSEMBLY
14	1	10A12000-060	PULLEY ASSEMBLY
	4	AN3-7A	BOLT, 10-32, 0.5 GRIP, UNDRILLED STEEL
	4	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	4	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
15	1	10A12000-061	PULLEY BRACKET ASSEMBLY
	4	AN3-7A	BOLT, 10-32, 0.5 GRIP, UNDRILLED STEEL
	4	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	4	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
16	1	10A12000-065	CABLE ASSEMBLY
17	2	10A12523-007	SPACER, HOPPER DOOR RETAIN
	2	MS21252-5RL	TURNBUCKLE FORK, RIGHT LONG, 1/4-28 THREAD, 5/32 CABLE
	2	MS21251B5L	TURNBUCKLE, BARREL, 1/4-28 THREAD, 4" LENGTH
	2	MS21252-5LL	TURNBUCKLE FORK, LEFT LONG, 1/4-28 THREAD, 5/32 CABLE
	2	AN44-6A	EYEBOLT
	2	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
	2	MS210N44N5	NUT
	4	AN4-7A	BOLT, 1/4-28, 0.4375 GRIP, UNDRILLED, STEEL
	4	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
	4	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF

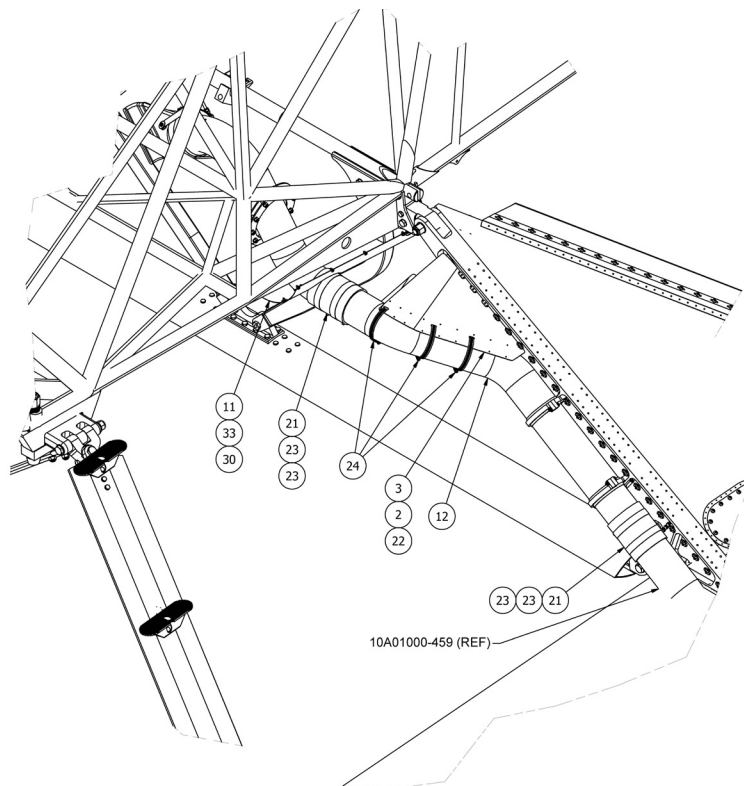
PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
18	1	7A3-4410	PLACARD, FIRE GATE
19	2	AN44-30A	EYEBOLT
	2	AN970-5	WASHER, LARGE AREA FLAT, SIZE 5/16
20	1	10A12666-002	FILL VENT TUBE
	1	10A12696-001	HOSE COUPLING
	1	5312K18	POWER CLAMP
21	1	10A12000-059	FLANGE ASSY – TO TANK
	1	10A12532-008	FLANGE FILLER VENT AFT
	10	AN4-10A	BOLT, 1/4-28, 0.5625 GRIP, UNDRILLED, STEEL
	10	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
	10	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
22	1	10A12000-069	VENT TUBE RETAINER ASSEMBLY
	2	AN525-10R10	SCREW, 10-32 THREAD, 7/32" GRIP, 5/8" LENGTH
	2	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	2	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
23	1	10A12666-001	VENT TUBE – TAIL EXHAUST
	1	10A12696-001	HOSE COUPLING 5"
	1	5312K18	HOSE CLAMP, 5-1/2 DIA

FILL SYSTEM FUSELAGE

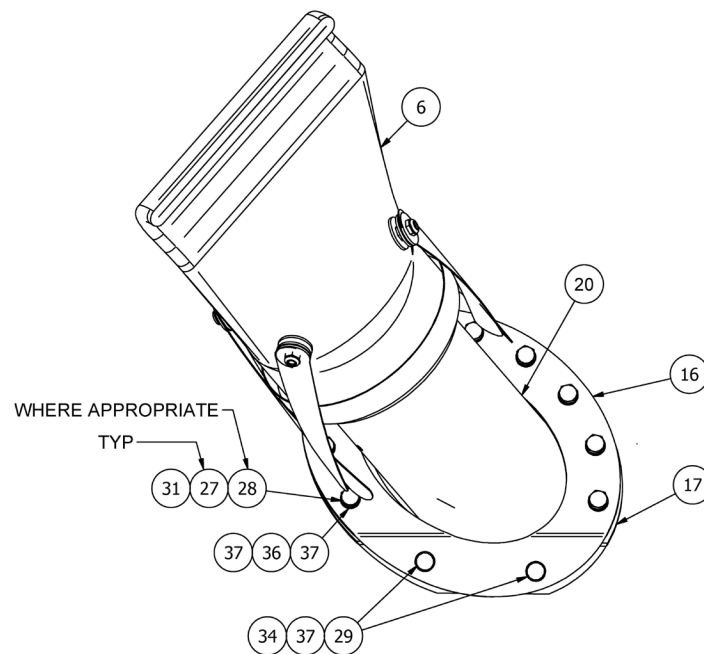


RH SIDE, FORWARD PYLON SKIN REMOVED

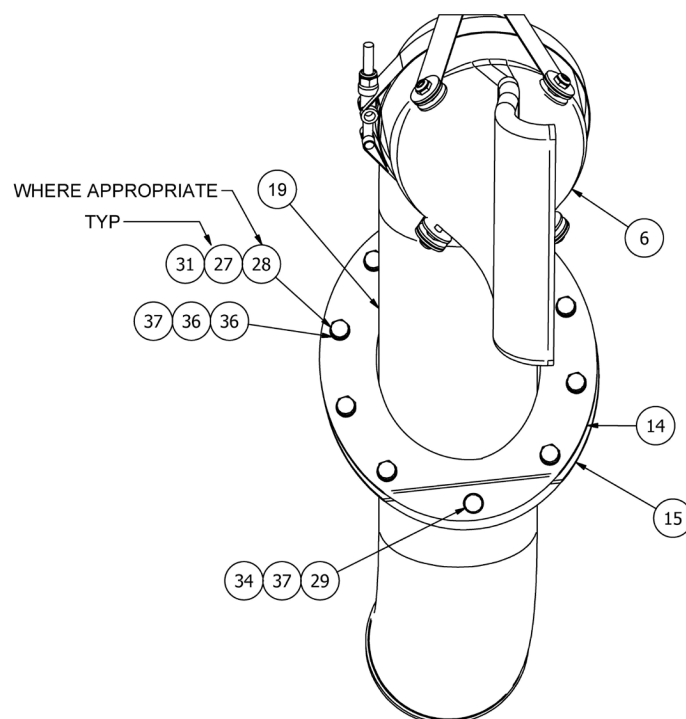


LH SIDE, FORWARD PYLON SKIN REMOVED

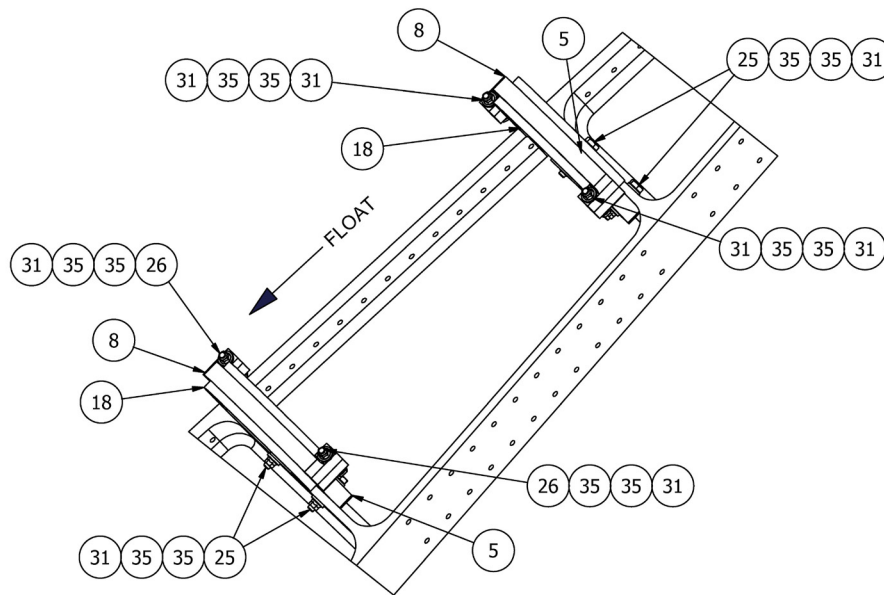
PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION



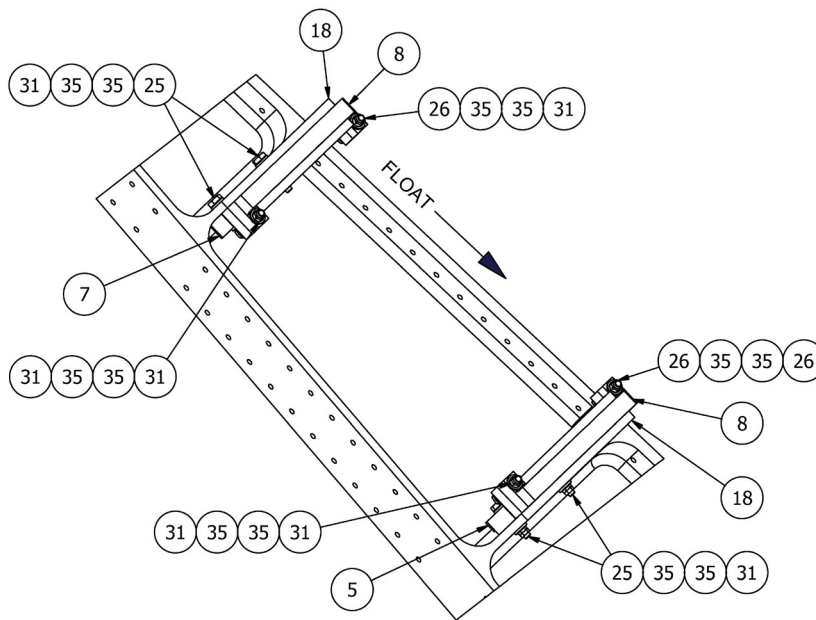
HOPPER, RIGHT SIDE, FWD, LOOKING OUT



HOPPER, LEFT SIDE, AFT, LOOKING OUT



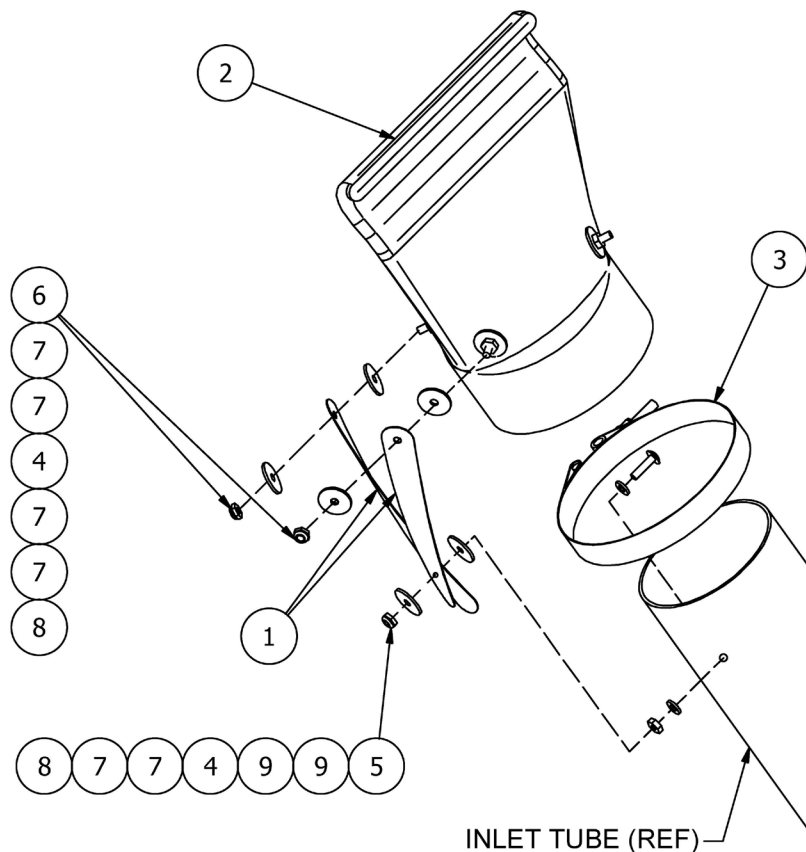
PYLON, RIGHT, FWD STRUT, 10A12424-002 TUBE REMOVED



PYLON, LEFT, FWD STRUT, 10A12424-001 TUBE REMOVED

ITEM	QTY	PART NO.	PART DESCRIPTION
1	2	1001020	EPOXY ADHESIVE PACKET
2	1	1003495	FAIRING - LEFT SIDE BOTTOM
3	1	1003496	FAIRING LEFT SIDE TOP
4	1	1003532	ASS'Y, AT802 - RH FAIRING
5	3	1009117	MOUNT - SCOOP TUBE - LOWER PYLON
6	2	1012077	ASSEMBLY, VALVE WITH STRAP HARDWARE
7	1	10A02201-004	MOUNT - SCOOP TUBE - PYLON
8	4	10A02201-005	MOUNT - SCOPE TUBE - PYLON
9	1	10A12158-275	COVER, MAIN ATTACH FITTING, RT, AT802
10	1	10A12158-276	COVER, FILL TUBE RH
11	1	10A12158-277	COVER, MAIN ATTACH FITTING, LT, AT802
12	1	10A12424-001	TUBE, FLOAT TO TANK, LH
13	1	10A12424-002	TUBE, STRUT TO TANK, RH
14	1	10A12532-003	FLANGE - INLET TUBE, LH (SN 10308A AND PRIOR)
15	1	10A12532-004	FLANGE - OUTER, INLET TUBE, LH SIDE
16	1	10A12532-005	FLANGE - INNER - LH SIDE - INLET TUBE (SN 10308A AND PRIOR)
17	1	10A12532-006	FLANGE - OUTER, RH, INLET TUBE
18	4	10A12566-010	GASKET, FILL TUBE
19	1	10A12594-001	TUBE, INLET, LH (SN 10308A AND PRIOR)
	1	1001961	WELDMENT, FILL TUBE, INLET, FLANGED, LH (INCLUDES INNER FLANGE, SN 10309A AND LATER)
20	1	10A12594-002	TUBE, INLET, RH (SN 10308A AND PRIOR)
	1	1001962	WELDMENT, FILL TUBE, INLET, FLANGED, RH (INCLUDES INNER FLANGE, SN 10309A AND LATER)
21	4	10A12697-001	HOSE COUPLING - 4"
22	10 FT	52-4652-W	TRIM, SNAP ON
23	8	5312K16	CLAMP
24	6	5764	CLAMP, HOSE
25	8	AN3-11A	BOLT, 10-32, 0.75 GRIP, UNDRILLED, STEEL
26	8	AN3-12A	BOLT, 10-32, 0.875 GRIP, UNDRILLED, STEEL
27	4	AN4-10A	BOLT, 1/4-28, 0.5625 GRIP, UNDRILLED, STEEL
28	16	AN4-11A	BOLT, 1/4-28, 0.6875 GRIP, UNDRILLED, STEEL
29	3	AN4-7A	BOLT, 1/4-28, 0.4375 GRIP, UNDRILLED, STEEL
30	28	AN526C632R6	SCREW, MACHINE, TRUSS HEAD
31	16	MS21042L3	NUT, SELF LOCKING, 450 DEGREE, 10-32 UNF
32	19	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
33	28	MS21047L06	NUT PLATE, FIXED, STEEL, PLAIN, 6-32
34	3	MS21059L4	NUT PLATE
35	32	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
36	22	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
37	44	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
38	6 FT	PM-T1	CHAFE TAPE

FILL VALVE ASSEMBLY



ONE SIDE SHOWN FOR CLARITY
(4 STRAPS PER TUBE,
8 STRAPS TOTAL PER AIRCRAFT)

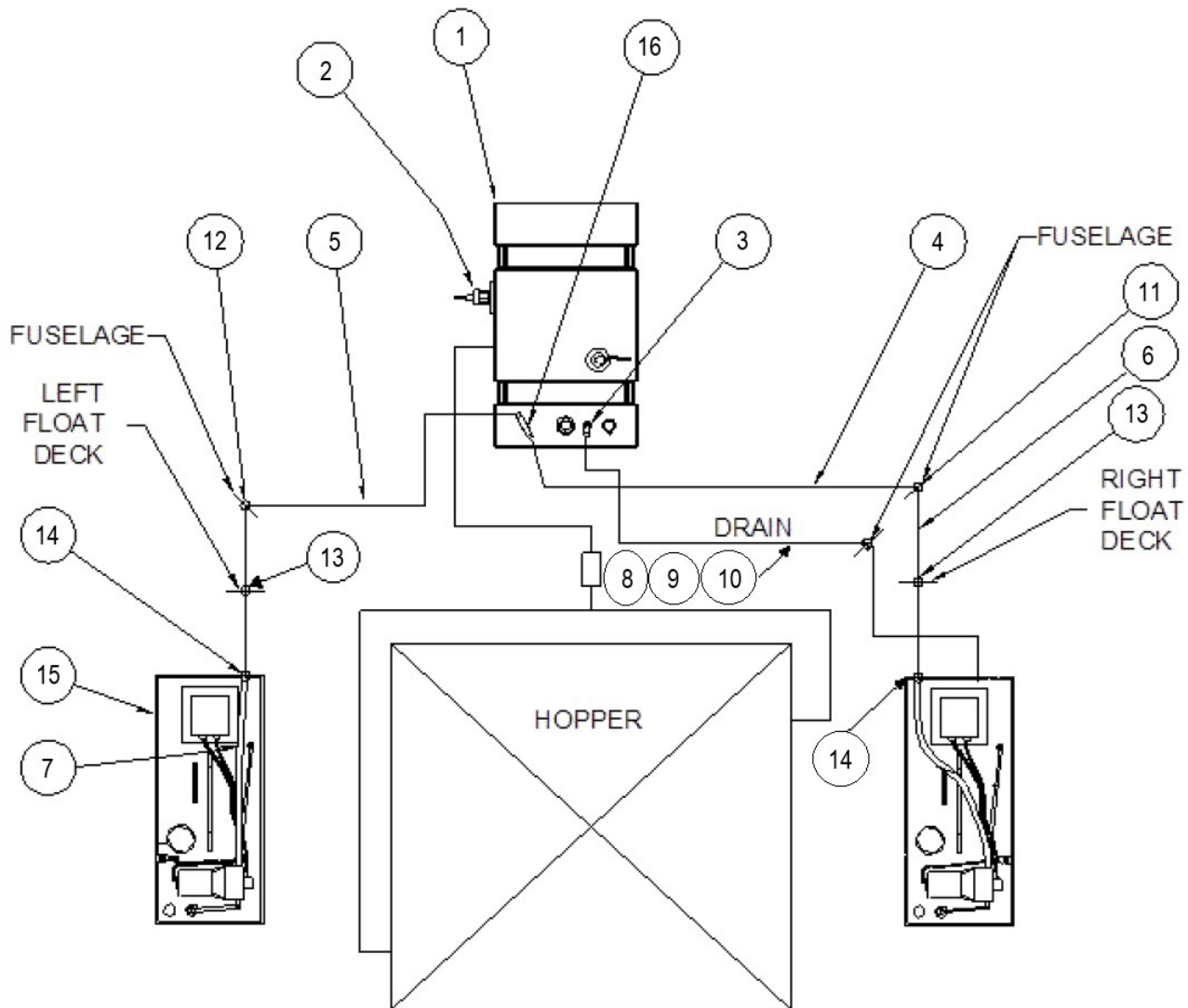
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012077	ASSEMBLY, VALVE WITH STRAP HARDWARE
1	4	1011964	STRAP, VALVE, SST
2	1	1012076	VALVE, 4" I.D., CURLED
3	1	5312K17	HOSE CLAMP, 5" DIA
	1	5312K704 (ALT)	HOSE CLAMP, 4.75" DIA
4	6	AN315-C3R	NUT
5	2	AN526C1032R12	SCREW, MACHINE, TRUSS HEAD
6	4	AN526C1032R22	SCREW, MACHINE, TRUSS HEAD
7	20	AN970C3	WASHER
8	6	MS21083C3	NUT, LOCKING, LOW HEIGHT, 10-32 UNF, SS
9	4	NAS1149C0363R	WASHER, 0.203 ID, 0.063 THK, STAINLESS STEEL

SECTION 7
FOAM SYSTEM

CONTENTS

FOAM SYSTEM252

FOAM SYSTEM



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1001906	AIRCRAFT FOAM TANK MODIFIED
2	1	10A12652-001	ADAPTER, FOAM TANK
	1	MS28775-334	O RING, DIA 2.6
	8	MS24693C278	SCREW, CORROSION RESIST 10-32 THREAD, 1-1/4" LENGTH
	8	MS21044C3	NUT, SELF LOCK, NYLON INSERT, CORROSION RESIST, 10-32
	1	46235K25	LEVEL INDICATOR, FLOAT SWITCH
3	1	48725642	TUBE, BARBED, ELBOW, 90 DEGREE 1/2 X 3/8
4	6.5'	60703	TUBING, RIGHT SIDE TANK OUTLET
5	8.5'	60703	TUBING, LEFT SIDE TANK OUTLET
6	10.8'	60703	TUBING, FUSELAGE TO FLOAT TANK
7	3.17'	60703	TUBING, PUMP TO FLOAT BULKHEAD

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
8	1	10A12417-003	DRAIN TUBE, FOAM TANK (OPTION)
9	1	10A12163-128	STAND OFF - FOAM BREATHER LOWER (OPTION)
	1	MS21919WDG8	CLAMP
	1	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
	1	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	1	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
10	1	10A12163-129	STAND OFF , FOAM BREATHER UPPER (OPTION)
	1	MS21919WDG8	CLAMP
	1	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
	1	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	1	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
11	1	5372K373	FITTING, ELBOW, BARBED, NYLON 1/2"
	1	MS35489-14	GROMMET, RUBBER
	2	6203	HOSE CLAMP
12	1	5372K373	FITTING, ELBOW, BARBED, NYLON 1/2"
	1	MS35489-14	GROMMET, RUBBER
	2	6203	HOSE CLAMP
13	2	MS35489-20	GROMMET, RUBBER
14	2	10A12277-003	COUPLER FOAM TANK
	4	5372K124	PIPE MALE ADAPTER, WHITE NYLON
15	1	1001798	ASSEMBLY FOAM TANK
	1	0210211C	FOAM TANK, 10000 FLOATS
	1	RH2B-UDC24V	RELAY, 2 POLE
	1	SH2B-05	SOCKET, RELAY, 2 POLE
	1	4405-343	PUMP - 24 VOLT
	1	10-782-PP	SWITCH, FLOAT
16	1	48726202	TUBE, BARBED, TEE FITTING 1/2

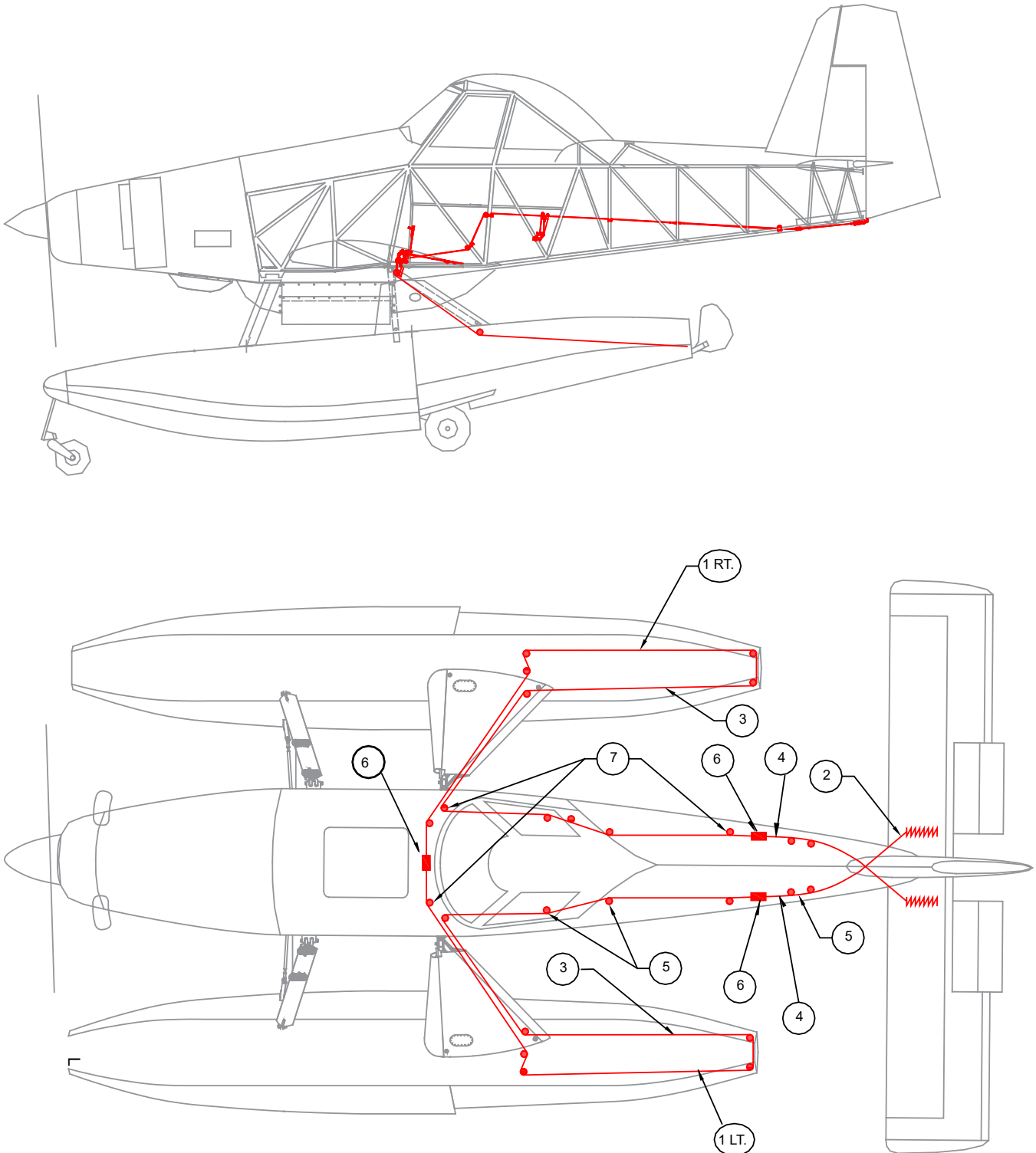
THIS PAGE INTENTIONALLY LEFT BLANK

SECTION 8 CABLING

CONTENTS

WATER RUDDER STEERING, FUSELAGE.....	256
WATER RUDDER RETRACT, FUSELAGE	258
MANUAL RETRACT HANDLE AT-802A.....	259
WATER RUDDER ELECTRIC ACTUATOR AND MOUNTING ANGLE FOR FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR.....	261
WATER RUDDER ELECTRIC ACTUATOR AND MOUNTING ANGLE FOR FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER.....	262
ELECTRIC RETRACT MOTOR TOGGLE SWITCH & INDICATOR LIGHTS.....	264
WATER RUDDER PULLEY BRACKETS - FLOAT HULL.....	265
WATER RUDDER	268

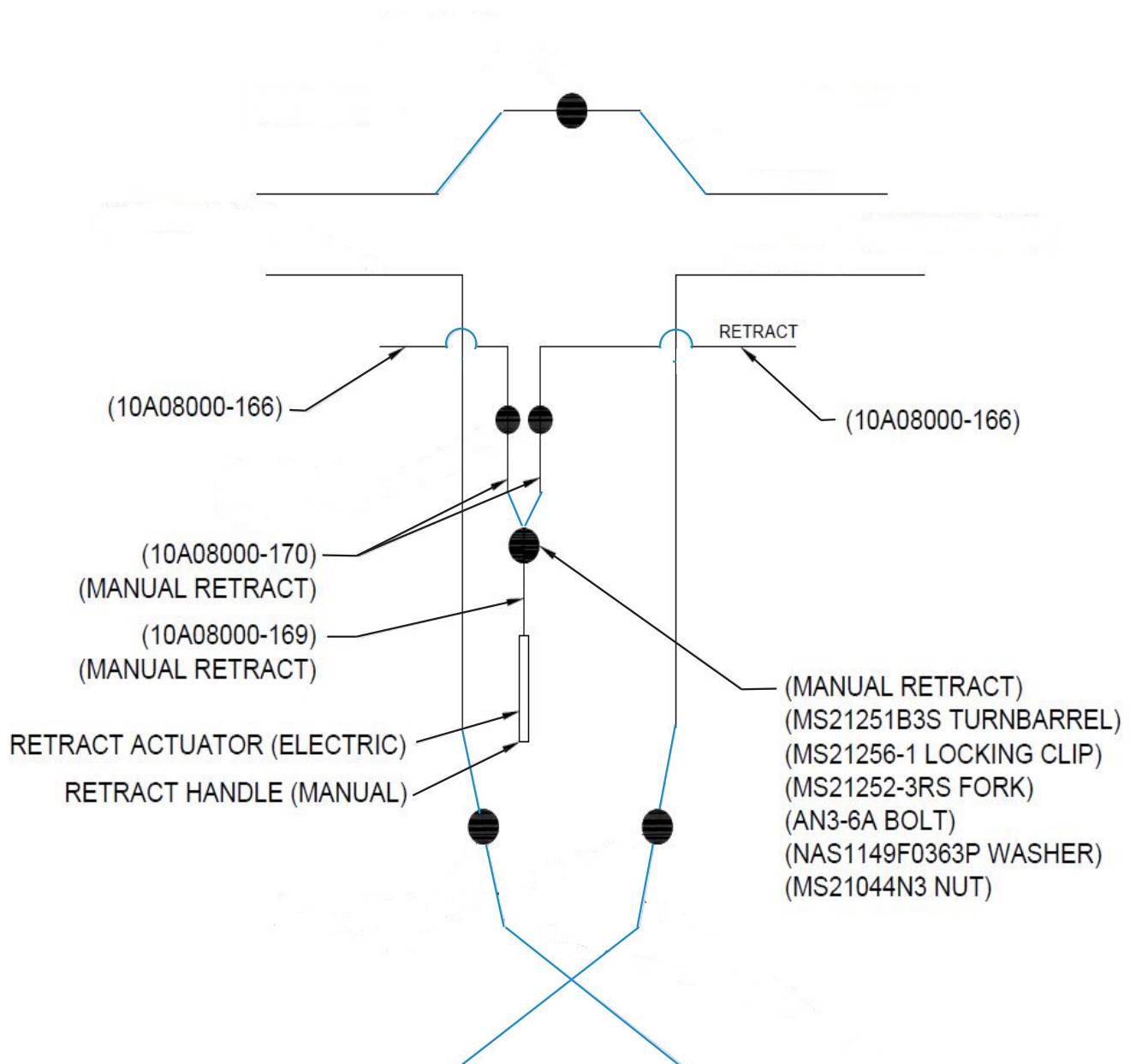
WATER RUDDER STEERING, FUSELAGE



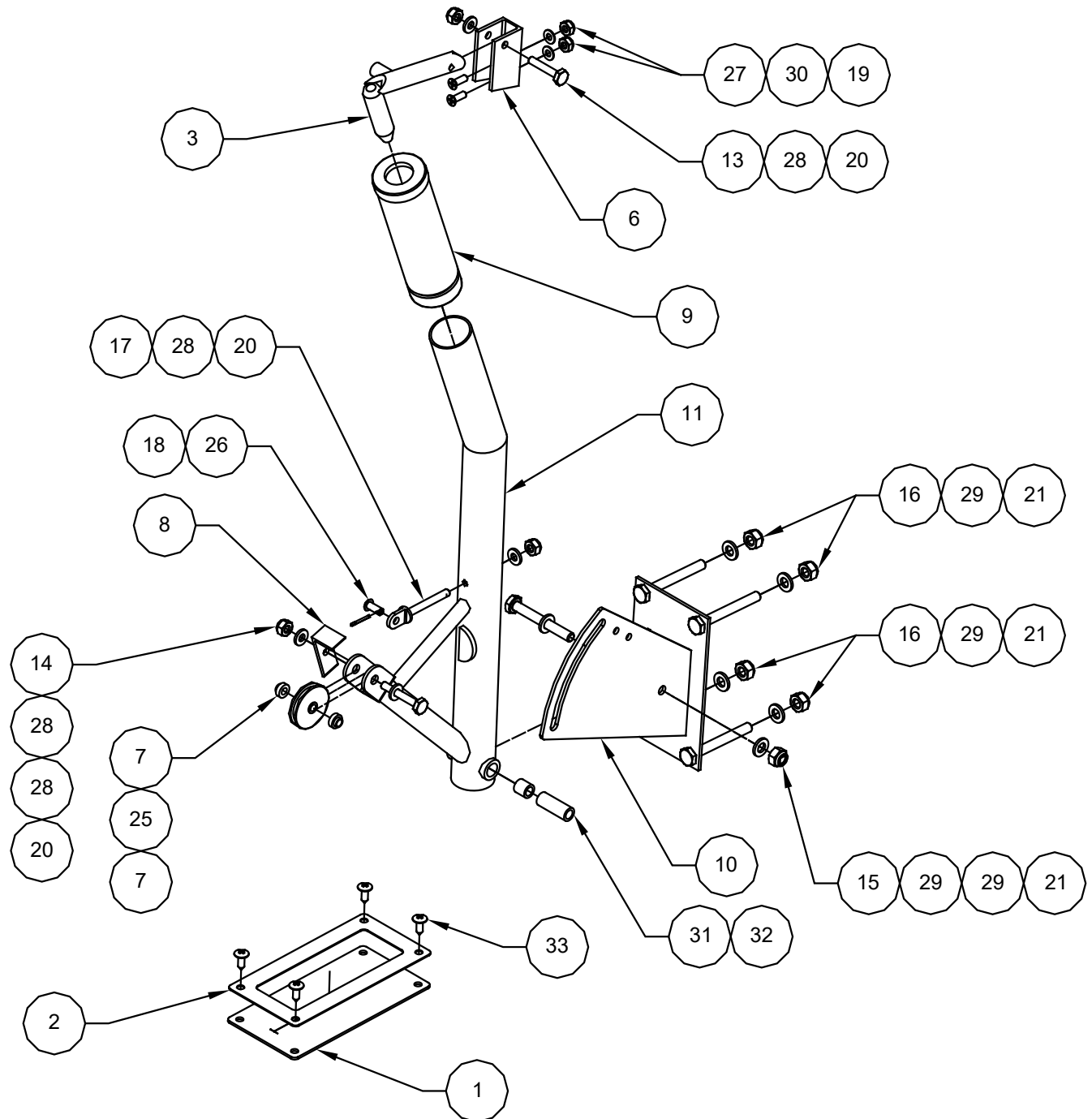
PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1 LT.	1	1001458	CABLE ASSEMBLY, BALANCE, LH
1 RT.	1	1001459	CABLE ASSEMBLY, BALANCE, RH
2	2	0760629-1	SPRING
	4	8A08492-001	DRAW BARS
3	2	10A08000-164	CABLE ASSEMBLY, STEERING
4	2	10A08000-168	CABLE ASSEMBLY, STEERING
5	A/R	MS20219-2	PULLEY, LARGE
6	3	MS21251B3S	TURNBUCKLE, BARREL
7	A/R	MS24566-1B	PULLEY, SMALL

WATER RUDDER RETRACT, FUSELAGE



MANUAL RETRACT HANDLE AT-802A

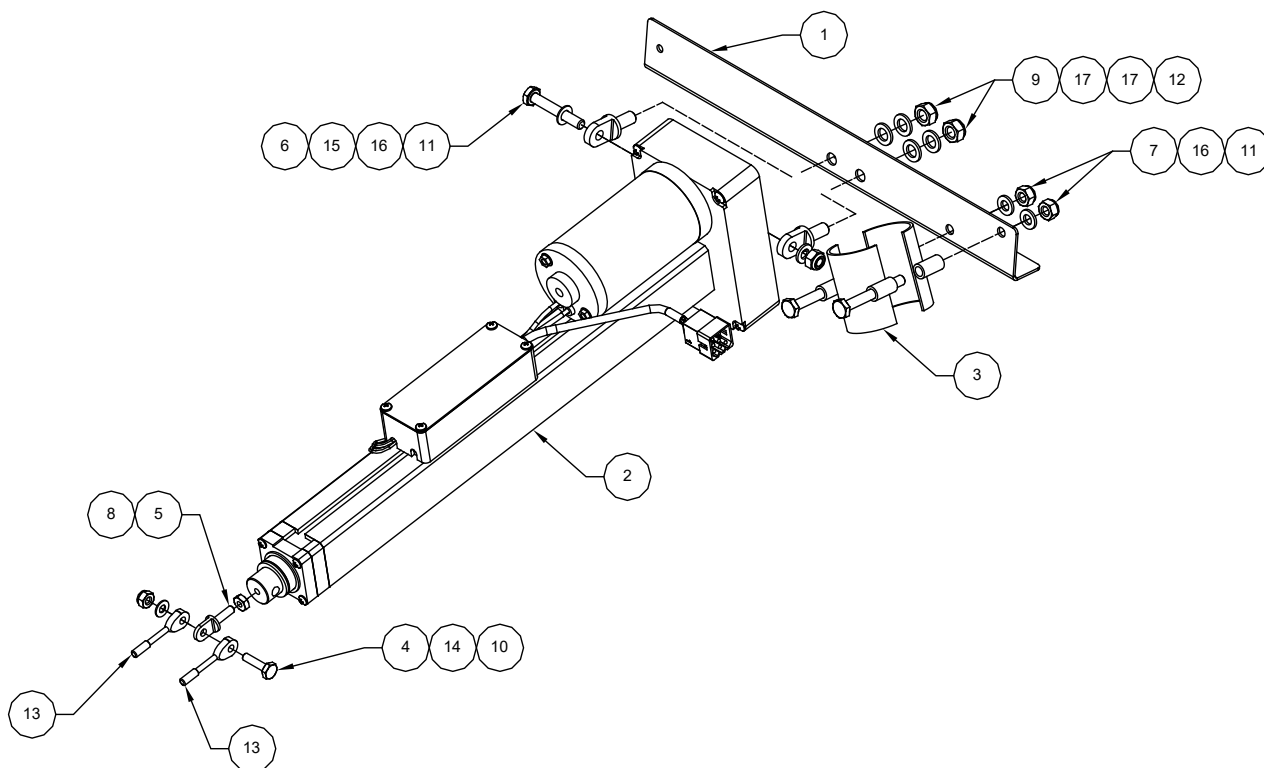


PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

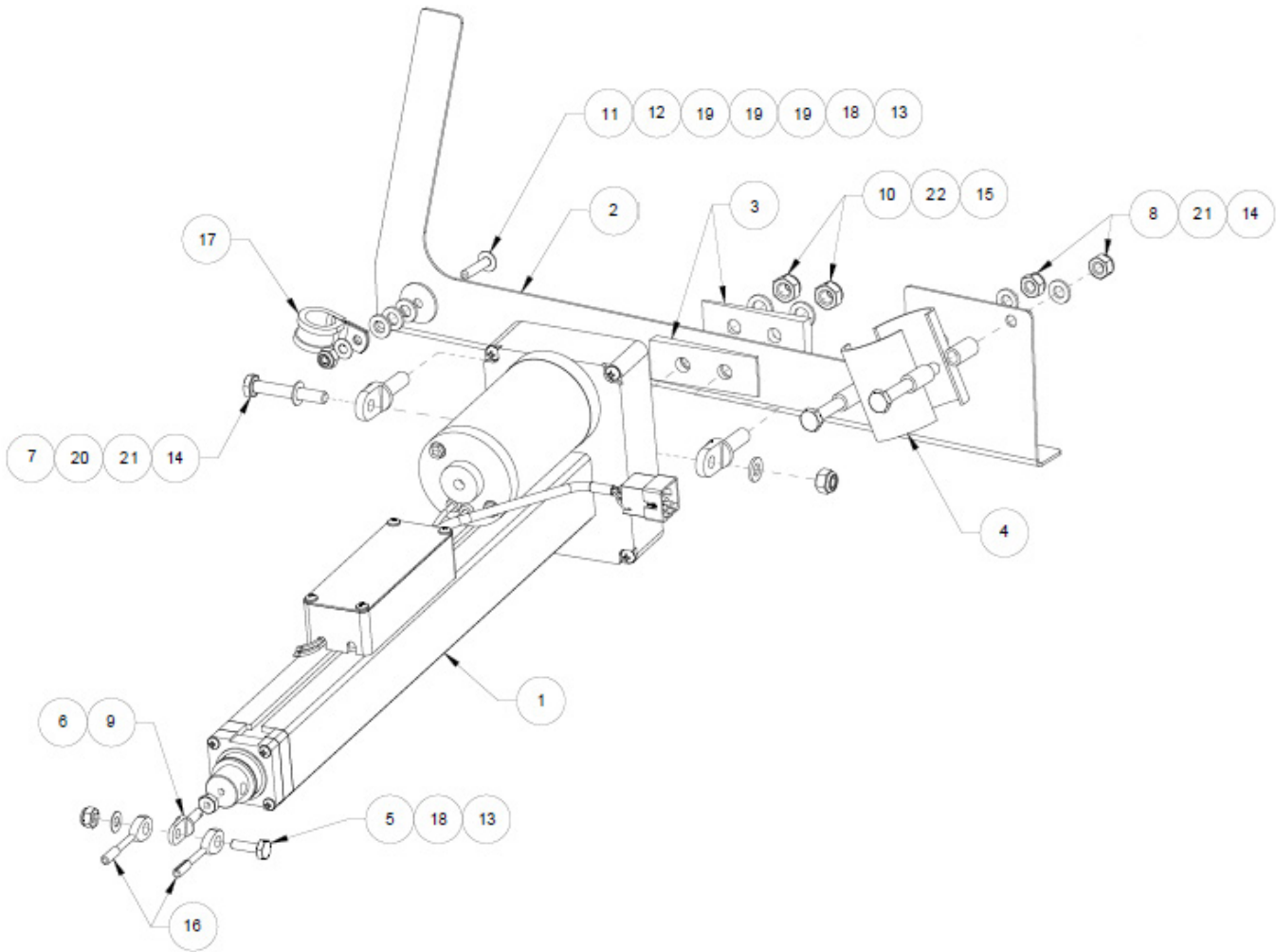
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1001918	KIT-RETRACT HANDLE INSTALL
1	1	1001911	GASKET, RETRACT CABLE, FLOOR
2	1	1001913	RETAINER, GASKET, RETRACT CABLE, FLOOR
3	1	10A08000-167	CATCH, WATER RUDDER RETRACT
4	2	10A08000-169	CABLE, RETRACT
5	1	10A08000-170	CABLE, RETRACT
6	1	10A08193-008	BRACKET - CATCH - WATER RUDDER RETRACT
7	2	10A08280-006	SPACER, PULLEY BRACKET
8	1	10A08339-073	CABLE STOP STEERING RETRACT
9	1	100B118020	GRIP, DISPERSAL HANDLE 802
10	1	80069-5	SUPPORT ASSEMBLY, 2 FINS
11	1	80073-9	VALVE LEVER ASSEMBLY, YELLOW, 1" TUBE
12	1	AN3-6A	BOLT SIZE 10-32, LENGTH +/- 1/64 - 25/32, GRIP LENGTH 3/8
13	1	AN3-10A	BOLT SIZE 10-32, LENGTH +/- 1/64 - 1-1/32, GRIP LENGTH 5/8
14	1	AN3-12A	BOLT, 10-32 THREAD, 7/8" GRIP, 1-9/32" LENGTH
15	1	AN4-20A	BOLT SIZE 1/4-28, LENGTH +/- 1/64 - 2-1/32, GRIP LENGTH 1-9/16
16	4	AN4-21A	BOLT, 1/4-28 THREAD, 1-11/16" GRIP, 2-5/32" LENGTH
17	1	AN42B14A	BOLT EYE, 10-32 THREAD, 1-1/8" GRIP, 1-17/32" LENGTH
18	1	MS20392-2C11	PIN, CLEVIS, 3/16" DIA, 11/32" GRIP, ALLOY STEEL
19	2	MS21044N08	NUT, HEX-LOCKING NYLON INSERT STEEL CAD 2, 8-32
20	4	MS21044N3	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 10-32
21	5	MS21044N4	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 1/4-28
22	1	MS21251B3S	TURNBUCKLE, BARREL, 10-32 THREAD, 2 1/4" LENGTH
23	1	MS21252-3RS	TURNBUCKLE FORK, 10-32 THREAD, 3/32 CABLE SIZE
24	2	MS21256-1	CLIP LOCKING, 1.078" LENGTH, STAINLESS STEEL
24	1	MS24566-1B	PULLEY, FOR CABLE SIZES 1/16, 5/64, 3/32
26	1	MS24665-132	PIN, COTTER, 1/16" DIA, 1/2" LENGTH, CADMIUM PLATED
27	2	MS24694S5	SCREW, (100 DEG), 8-32 THREAD, 11/32" LENGTH, 3/32" GRIP
28	5	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
29	6	NAS1149F0463P	WASHER, SCREW SIZE 1/4 OD.500 ID.265 THK.063
30	2	NAS1149FN832P	WASHER, AIRFRAME, CARBON STEEL, TO FIT DIA #8
31	1	P26-3	BEARING, 1/4" DIA, 3/8" LENGTH
32	1	P26-8	BUNTING BUSHING
33	4	S1021A8-6	SCREW, (8X3/8 TR PHIL A STL SMS)

WATER RUDDER ELECTRIC ACTUATOR AND MOUNTING ANGLE FOR FLOAT SERIAL NUMBERS 10407A & 10408A AND PRIOR



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1001475	KIT, ELECTRIC WATER RUDDER RETRACT
1	1	1001097	ANGLE SUPPORT - RETRACT MOTOR
2	1	1001098	ASSEMBLY, WATER RUDDER RETRACT MOTOR
3	1	60928-1	CLAMP ASSY
4	1	AN3-6A	BOLT SIZE 10-32, LENGTH +/- 1/64 - 25/32, GRIP LENGTH 3/8
5	1	AN315-3R	NUT PLAIN, HEXAGON, 10-32 THREAD, RIGHT
6	1	AN4-15A	BOLT, 1/4-28 THREAD, 1-3/16" GRIP, 1-21/32" LENGTH
7	2	AN4-20A	BOLT SIZE 1/4-28, LENGTH +/- 1/64 - 2-1/32, GRIP LENGTH 1-9/16
8	1	AN42B5A	BOLT EYE, 10-32 THREAD, SIZE, 1/4" GRIP, 21/32" LENGTH
9	2	AN44-5A	BOLT EYE, 5/16-24 THREAD, 3/16" GRIP, 23/32" LENGTH
10	1	MS21044N3	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 10-32
11	3	MS21044N4	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 1/4-28
12	2	MS21044N5	NUT, HEX LOCKING NYLON INSERT STEEL CAD 2, 5/16-24
13	2	MS21254-3LS	TURNBUCKLE PIN EYE
14	1	NAS1149F0316P	WASHER, ID 13/64", OD 7/16"
15	1	NAS1149F0432P	WASHER, CARBON STEEL, TO FIT DIA 1/4", LIGHT THICKNESS
16	3	NAS1149F0463P	WASHER, SCREW SIZE 1/4 OD 500 ID 265 THK.063
17	4	NAS1149F0563P	WASHER, AIRFRAME, CARBON STEEL, TO FIT DIA 5/16"

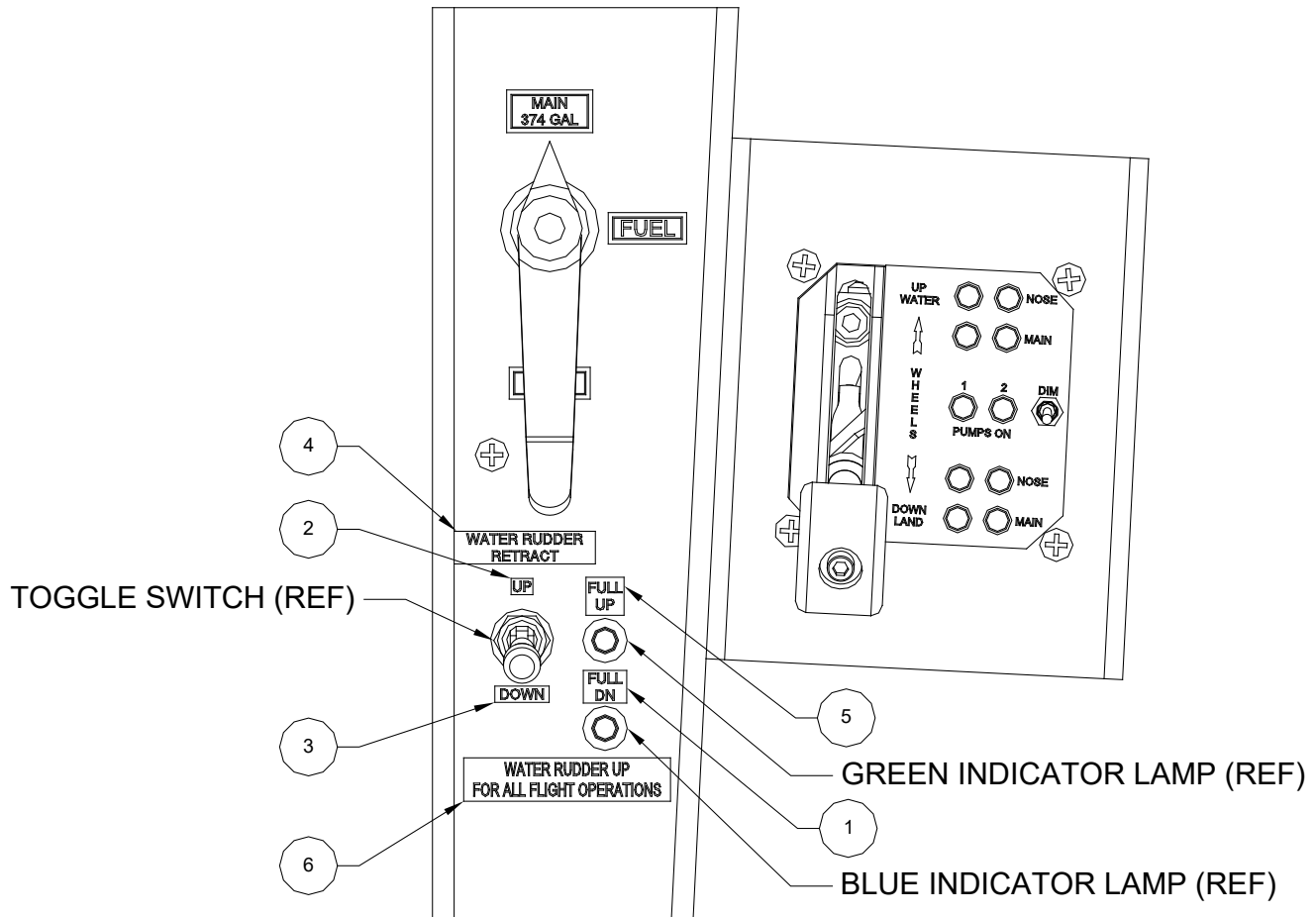
WATER RUDDER ELECTRIC ACTUATOR AND MOUNTING ANGLE FOR FLOAT SERIAL NUMBERS 10409A & 10410A AND LATER



PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

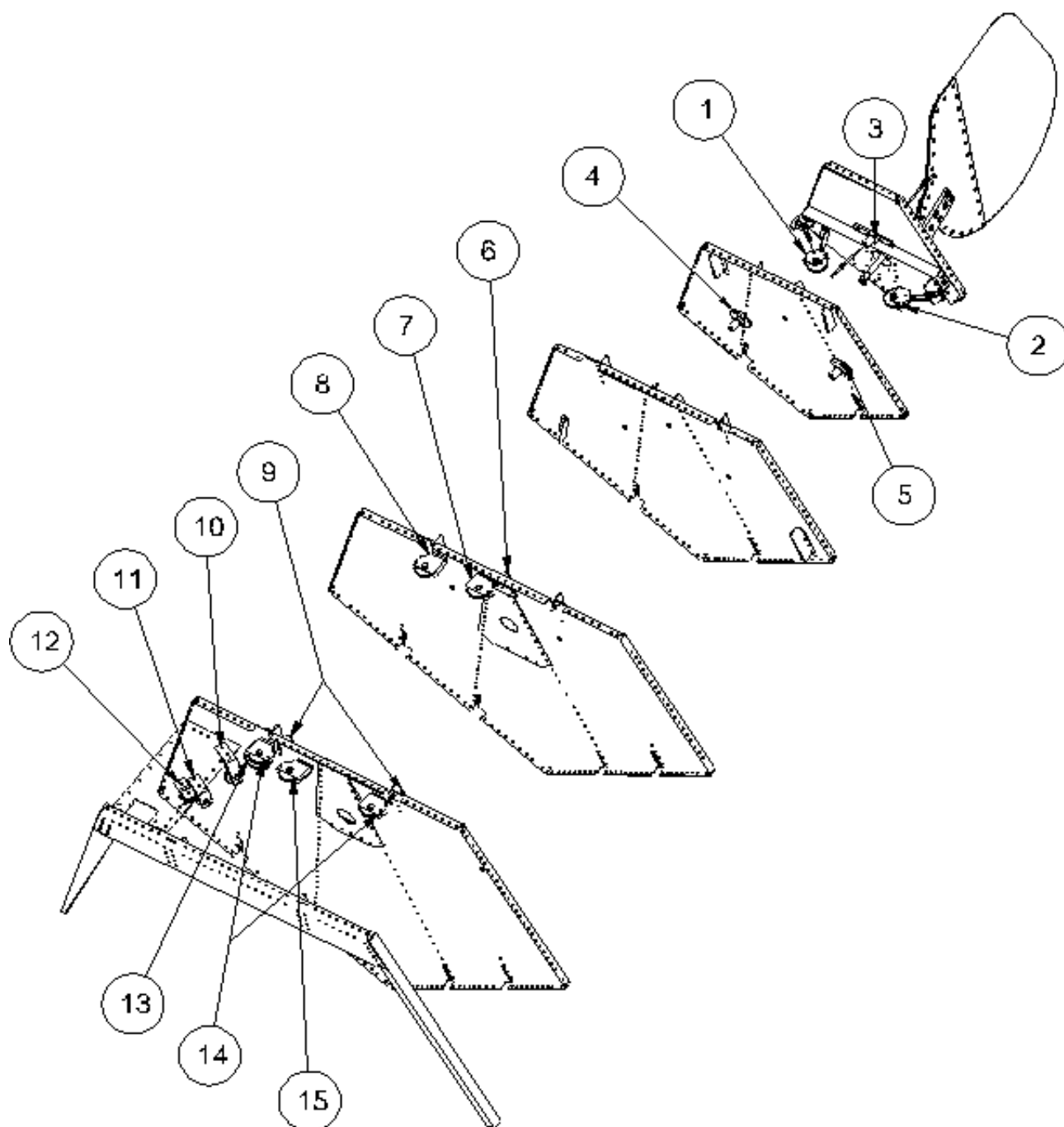
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1012651	KIT, ELECTRIC WATER RUDDER RETRACT
1	1	1001098	ASSEMBLY, WATER RUDDER RETRACT MOTOR
2	1	1012652	ANGLE, RETRACT MOTOR SUPPORT
3	2	1012713	SPACER, 5 DEG, ELECTRIC WATER RUDDER RETRACT
4	1	60928-1	CLAMP ASSY
5	1	AN3-6A	BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL
6	1	AN315-3R	NUT PLAIN, HEXAGON, 10-32 THREAD, RIGHT
7	1	AN4-15A	BOLT, 1/4-28, 1.1875 GRIP, UNDRILLED, STEEL
8	2	AN4-20A	BOLT, 1/4-28, 1.5625 GRIP, UNDRILLED, STEEL
9	1	AN42B5A	BOLT EYE, 10-32, #10 BOLT SIZE, 1/4" GRIP, 21/32" LENGTH
10	2	AN44-10A	BOLT EYE, 5/16-24, 1/4" BOLT SIZE, 9/16" GRIP, 1-3/32" LENGTH
11	1	AN525-10R14	SCREW, WASHER HEAD, 10-32, 15/32" GRIP, 7/8" LENGTH
12	1	AN970-3	WASHER, .203 ID, .875 OD, .063 THK
13	2	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
14	3	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
15	2	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF
16	2	MS21254-3LS	EYE END, TURNBUCKLE, CLIP LOCKING
17	1	MS21919WDG10	CLAMP, LOOP, CUSHIONED, 5/8 TUBE OD
18	2	NAS1149F0316P	WASHER, 0.203 ID, 0.016 THK, STEEL
19	3	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
20	1	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
21	6	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
22	2	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL

ELECTRIC RETRACT MOTOR TOGGLE SWITCH & INDICATOR LIGHTS



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1001475	KIT, RETRACT MOTOR
1	1	1001336	PLACARD, FULL DN
2	1	1001337	PLACARD, UP
3	1	1001338	PLACARD, DOWN
4	1	1001622	PLACARD, WATER RUDDER RETRACT
5	1	1001623	PLACARD, FULL UP
6	1	6B3-2243-2	PLACARD, WATER RUDDER UP

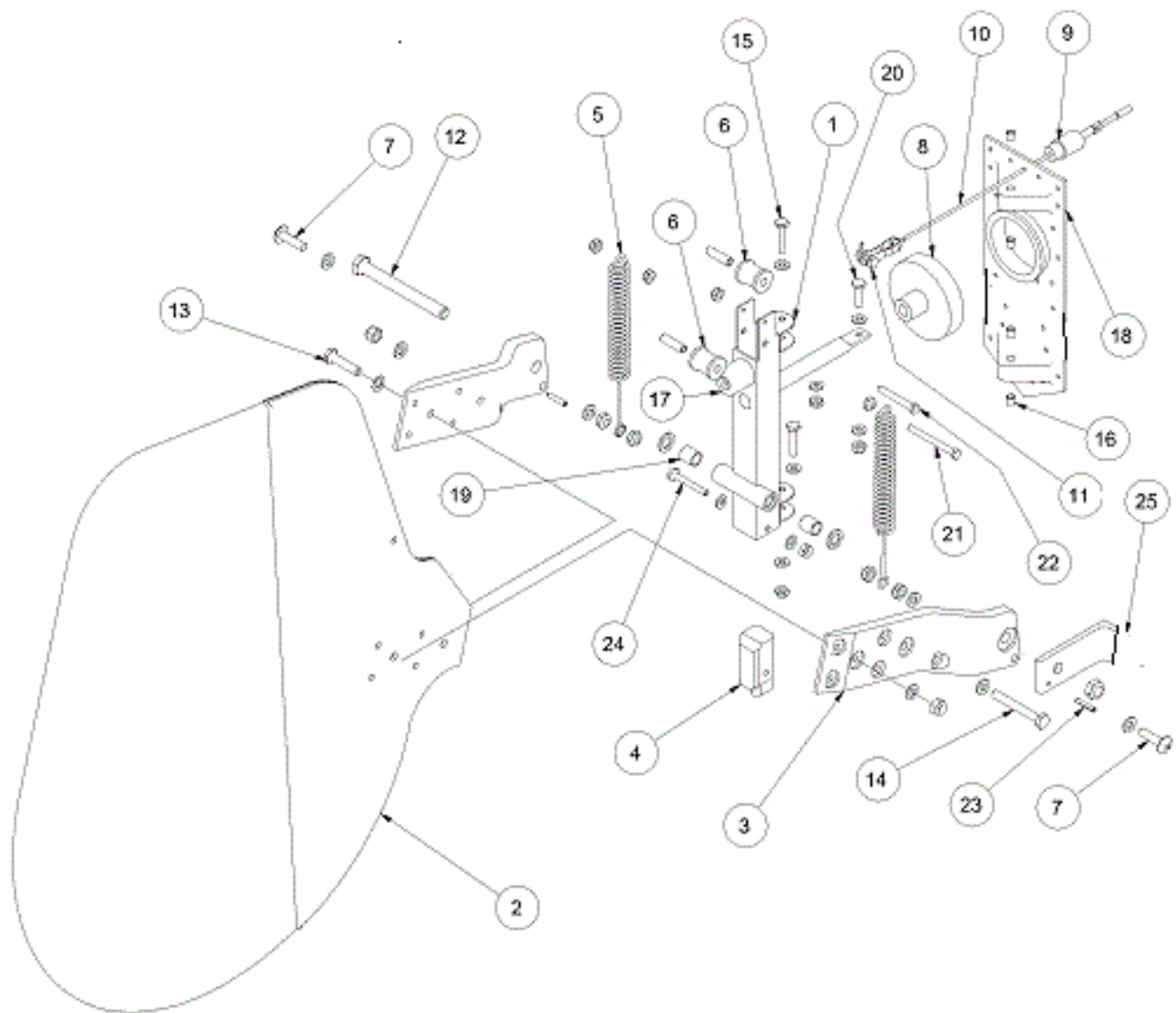
WATER RUDDER PULLEY BRACKETS - FLOAT HULL



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	10A08225-004	PULLEY BRACKET, RIGHT
	1	8A08000-043	CABLE ASSEMBLY, PULLEY
	1	AN3-5A	BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL
	1	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
	1	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	1	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
	1	MS20219-2	PULLEY
	1	AN4-7A	BOLT, 1/4-28, 0.4375 GRIP, UNDRILLED, STEEL
	1	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
	1	MS24665-136	COTTER PIN
2	1	10A08225-003	PULLEY BRACKET, LEFT
	1	8A08000-043	CABLE ASSEMBLY, PULLEY
	1	AN3-5A	BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL
	1	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
	1	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	1	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
	1	MS20219-2	PULLEY
	1	AN4-7A	BOLT, 1/4-28, 0.4375 GRIP, UNDRILLED, STEEL
	1	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
	1	MS24665-136	COTTER PIN
3	1	10A08033-004	BRACKET, CABLE GUIDE, RETRACT
	1	3A08605-001	CABLE GUIDE
4	1	10A08251-005	GUIDE, PULLEY BRACKET, RIGHT
	1	3A08605-001	CABLE GUIDE
5	1	10A08251-004	GUIDE, PULLEY BRACKET, LEFT
	1	3A08605-001	CABLE GUIDE
6	1	10A08033-004	BRACKET, CABLE GUIDE, RETRACT
	1	3A08605-001	CABLE GUIDE
7	1	10A08205-009	SHIM, PULLEY MOUNT
	1	3A01151-010	PULLEY BRACKET
	1	MS20219-2	PULLEY
	1	AN4-10A	BOLT, 1/4-28, 0.5625 GRIP, UNDRILLED, STEEL
	1	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
	1	MS24665-136	COTTER PIN
8	1	10A01156-179	REINFORCEMENT, PULLEY
	1	3A01151-010	PULLEY BRACKET
	1	MS20219-2	PULLEY
	1	AN4-10A	BOLT, 1/4-28, 0.5625 GRIP, UNDRILLED, STEEL
	1	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
	1	MS24665-136	COTTER PIN
9	2	10A08183-007	PULLEY BRACKET GUIDE

ITEM	QTY	PART NO.	PART DESCRIPTION
	2	3A08605-001	CABLE GUIDE
10	1	10A08410-010	PULLEY BRACKET, TALL, RIGHT
	1	10A08410-011	PULLEY BRACKET, TALL, LEFT
	1	MS20219-2	PULLEY
	1	AN4-11A	BOLT, 1/4-28, 0.6875 GRIP, UNDRILLED, STEEL
	1	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
	1	MS24665-136	COTTER PIN
11	1	10A08410-008	PULLEY BRACKET, MEDIUM, RIGHT
	1	10A08410-009	PULLEY BRACKET, MEDIUM, LEFT
	1	MS24566-1B	PULLEY
	1	AN3-7A	BOLT, 10-32, 0.5 GRIP, UNDRILLED STEEL
	1	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
	1	MS24665-136	COTTER PIN
12	2	10A08357-079	PULLEY BRACKET, FLOAT DECK, SHORT
	1	MS24566-1B	PULLEY
	1	AN3-7A	BOLT, 10-32, 0.5 GRIP, UNDRILLED STEEL
	1	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
	1	MS24665-136	COTTER PIN
13	1	3A01151-010	PULLEY BRACKET
	1	MS20219-2	PULLEY
	1	AN4-10A	BOLT, 1/4-28, 0.5625 GRIP, UNDRILLED, STEEL
	1	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
	1	MS24665-136	COTTER PIN
14	2	10A08200-008	SHIM, PULLEY MOUNT
	2	3A01151-010	PULLEY BRACKET
	2	MS20219-2	PULLEY
	2	AN4-10A	BOLT, 1/4-28, 0.5625 GRIP, UNDRILLED, STEEL
	2	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
	2	MS24665-136	COTTER PIN
15	1	10A08357-079	PULLEY BRACKET, FLOAT DECK, SHORT
	1	10A08200-008	SHIM, PULLEY MOUNT
	1	3A01151-010	PULLEY BRACKET
	1	MS20219-2	PULLEY
	1	AN4-10A	BOLT, 1/4-28, 0.5625 GRIP, UNDRILLED, STEEL
	1	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
	1	MS24665-136	COTTER PIN

WATER RUDDER



PARTS MANUAL

10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	8A08000-098	ASSY. - WATER RUDDER POST
2	1	8A08000-023	ASSY. - WATER RUDDER BLADE
3	1	8A08044-002	ARM - WATER RUDDER CONTROL - RT.
	1	8A08044-001	ARM - WATER RUDDER CONTROL - LT.
4	1	8A08183-006	STOP - WATER RUDDER - DOWN
5	2	3A08525-001	SPRING
6	2	3A08606-001	ROLLER
	2	3A08502-001	BUSHING - ROLLER
7	2	MS35207-283	SCREW - SPRING ATTACH
	A/R	NAS1149F0463P	WASHER
	4	NAS679A4W	NUT
8	1	3A08650-001	RUBBER BOOT
9	1	3A08605-001	CABLE GUIDE
10	1	10A08000-166	CABLE ASSEMBLY
11	1	MS20392-2C19	CLEVIS PIN
	1	NAS1149D0363J	WASHER
	1	MS24665-132	COTTER PIN
12	1	AN6C34A	BOLT
	A/R	NAS1149D0663J	WASHER
	1	MS21083N6	NUT
13	2	AN4-11A	BOLT
	A/R	NAS1149D0416J	WASHER
	2	MS21044N4	NUT
	2	AN3-13A	BOLT
	A/R	NAS1149D0363J	WASHER
	2	MS21044N3	NUT
	2	AN3-10A	BOLT
	A/R	NAS1149D0363J	WASHER
	2	MS21044N3	NUT
14	1	AN4-20A	BOLT
	A/R	NAS1149D0463J	WASHER
	1	MS21044N4	NUT
15	2	AN3C10A	BOLT
	4	NAS1149D0363J	WASHER
	2	NAS679A3W	NUT
16	4	03DU04	BEARING
17	1	10A08602-011	UP STOP - WATER RUDDER
	1	AN526-1032R16	SCREW
	1	MS21044N3	NUT
18	1	3A01437-001	CASTING - WATER RUDDER
19	4	06DU08	BEARING (TEFLON STEEL)

ITEM	QTY	PART NO.	PART DESCRIPTION
20	1	AN3-6A	BOLT
	2	NAS1149D0363J	WASHER
	1	MS21044N3	NUT
21	1	1032 X 2INCH SS	BOLT (STAINLESS STEEL)
	3	NAS679A3W	NUT
22	1	1032 X 2INCH SS	BOLT (STAINLESS STEEL)
	1	NAS679A3W	NUT
23	2	NAS561P4-12	ROLL PIN
24	1	AN3-13A	BOLT
	2	NAS1149D0363J	WASHER
	1	MS21044N3	NUT
25	2	10A08426-012	STOP - WATER RUDDER RT.

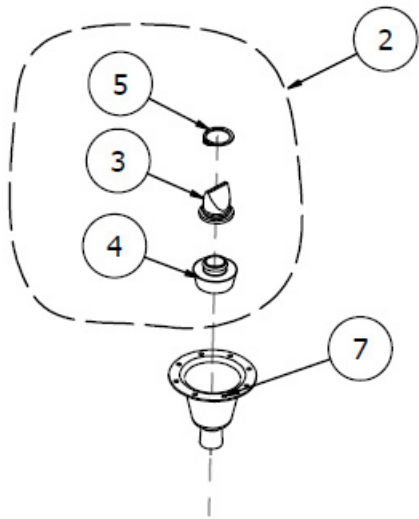
SECTION 9

PUMPOUT CUP AND TUBE & FLOAT HAND PUMP

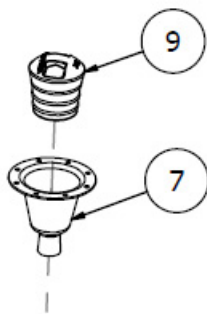
CONTENTS

PUMPOUT CUP AND TUBE	272
FLOAT HAND PUMP	274

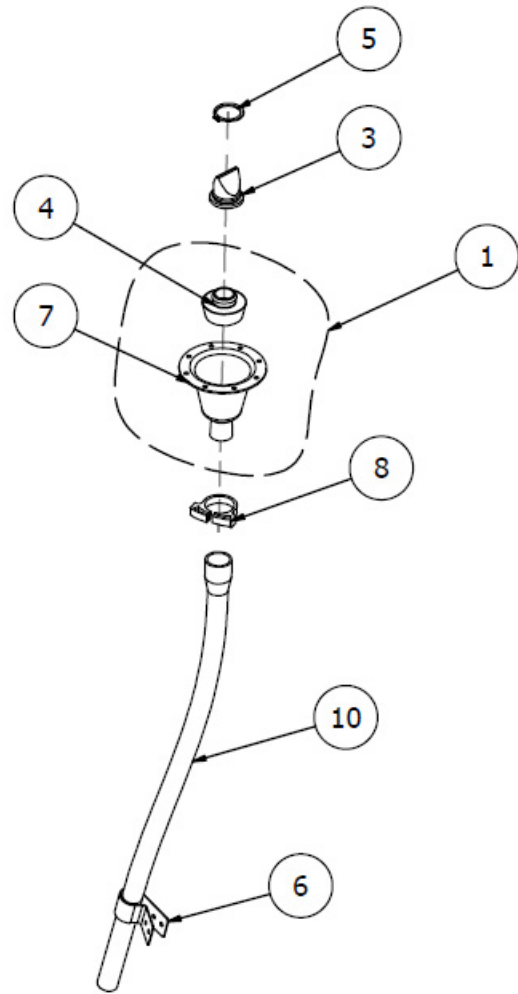
PUMPOUT CUP AND TUBE



DUCKBILL VALVE
RETROFIT



STOPPER



CUP ASSEMBLY
& TUBE

PARTS MANUAL
10000 AMPHIBIAN FLOATS ON AT-802 & AT-802A - FIRE BOSS CONVERSION

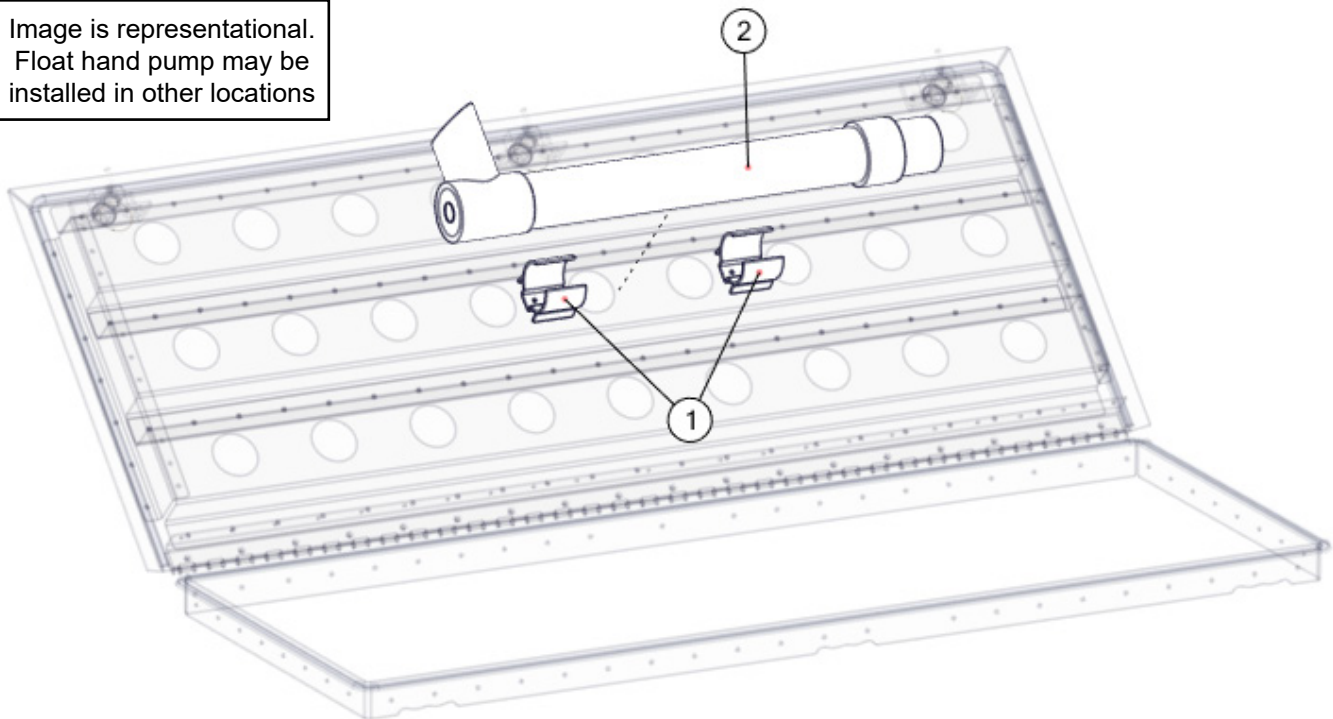
ITEM	QTY	PART NO.	PART DESCRIPTION	NOTE
1	1	1011004	ASSEMBLY, CUP, PUMPOUT, DUCKBILL	
2	1	1011075	KIT, PUMPOUT PLUG, DUCKBILL	1
3	1	1011870	VALVE, DUCKBILL	
4	1	1011808	RETAINER, VALVE, DUCKBILL, PUMPOUT PLUG	
5	1	91590A129	RETAINING RING, EXTERNAL, 13/16 OD, STAINLESS	
6	1	3A01158-003	CLAMP, PUMP OUT TUBE	
7	1	4A01749-001	CUP, PUMP OUT	
8	1	57134	CLAMP	
9	1	2111	STOPPER, PUMPOUT, LAKE AND AIR	2
10	A/R	RM618	TUBE, 5/8 OD, 1/2 ID	3
	33.5 IN	RM618	PUMPOUT TUBE - STATION #1	
	41 IN	RM618	PUMPOUT TUBE - STATION #2	
	45 IN	RM618	PUMPOUT TUBE - STATION #3	
	45.5 IN	RM618	PUMPOUT TUBE - STATION #4	
	49 IN	RM618	PUMPOUT TUBE - STATION #5	
	56 IN	RM618	PUMPOUT TUBE - STATION #6 OUTBOARD	
	46 IN	RM618	PUMPOUT TUBE - STATION #7 INBOARD	
	45.5 IN	RM618	PUMPOUT TUBE - STATION #8	
	37.25 IN	RM618	PUMPOUT TUBE - STATION #9	
	33.75 IN	RM618	PUMPOUT TUBE - STATION #10	
	30 IN	RM618	PUMPOUT TUBE - STATION #11	
	23.5 IN	RM618	PUMPOUT TUBE - STATION #12	
	20.5 IN	RM618	PUMPOUT TUBE - STATION #13	

NOTES:

1. Parts kit that requires RTV adhesive, see service letter 240 for instructions.
2. Not compatible with 1011004.
3. Length in feet as required, see tube table for individual lengths.

FLOAT HAND PUMP

Image is representational.
Float hand pump may be
installed in other locations



ITEM	QTY	PART NO.	PART DESCRIPTION
1	2	CM-2	CLIP, PLASTIC, PUMPOUT (SCREWS INCLUDED, MAY BE RIVETED IN)
2	1	F15PX	PUMP, HAND, FLOAT, 15"
2 (ALT)	1	F24PX	PUMP, HAND, FLOAT, 24"
2 (ALT)	1	F36PX	PUMP, HAND, FLOAT, 36"



FLEMING FIELD
1700 HENRY AVE.
SOUTH ST. PAUL, MN 55075 U.S.A.
PHONE: (651) 209-7191 FAX: (651) 457-7858
EMAIL: INFO@FIREBOSSLIC.COM
WWW.FIREBOSSLIC.COM