WIPAIRE

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PARTS MANUAL
FOR
WIPLINE MODEL 2350 FLOATS
ON
MAULE MX-7-180B, MX-7-180C, MXT-7-180, MX-7-235, & MX-7-420

Revision W

Wipaire | Fire Boss | Lake & Air
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LOG OF REVISIONS

Revision	Pages Affected	Description	Date
A-L	All	For previous revision changes, reference Parts Manual for 2350 Floats on Maule Revision L part number 1002169.	1/5/2022
M	79	Changed 010-026 Seal to 471570 Seal, Timken.	7/19/2022
N	64, 85-86	Updated Pump Out Cup and Valve image and parts. Updated image and parts list in Main Gear Wheel Grove/Wipaire Assembly section.	1/25/2023
P	77	Changed Spring Nose Gear 21A06653-001 to 23A06654-002, and changed Bolt AN5-14A to AN5-15A, and changed Bolt AN5-16A to AN5-17A, and changed O-Ring AN6227-9 to MS28775-111 in Nose Gear Lower Assembly section.	9/6/2023
R	86	Added reference note to rivet in Grove Main Wheel Assembly.	3/1/2024
T	122, 124	Corrected bulb part numbers in gear control indicator assemblies.	9/23/2024
U	10-13, 17-18, 26-27, 43, 49, 92, 94-97	Removed 21A03115-001 from Hull Assembly Overview Amphibian and Seaplane sections. Changed Spreader Bar Support Panel Assembly 21A01000-260 to 23A01000-302. Updated images and parts in Bulkheads 21A01000-261, 21A01000-263, 21A01000-264, and 21A01000-265. Removed Paddle Bracket 3A01158-093, Paddle Stop 1002113, Paddle Clip 3A01503-001, and Paddle 0238-0035 from side skins. Added Canoe Paddle section image and parts list. Updated image and renumbered parts list, removed 21A03032-006, 21A03214-003, 21A03154-007, and AN6-42A in Struts, Wires, & Spreader Bars section. Updated Fwd Spreader Bar Support Panel Assembly 23A01000-302 image and parts list. Updated Aft Spreader Bar Support Panel Assembly 21A01000-259 image and parts list. Removed Fwd Spreader Bar Panel Assembly 21A01000-260 as it is not used on 2350 Floats. Updated Spreader Bar Tube Mounting image and parts list.	4/17/2025
V	21	Updated image of 21A01000-252 Bulkhead 6 AFT.	9/25/2025
W	43, 45, 53-54, 56-57, 63, 65-67, 71, 78-79, 86, 88, 107	Added Gusset, Stiffener, Bottom 21A01005-270 to Bottom & Side Skins & Stiffeners Overview sections. Changed Gear Indicator Cover 21A01002-137 and 21A01002-138 to 1009202, changed Placard 10A3-6338-1 to 1009122 and changed Placard 10A3-6338-2 to 1009123, changed 2600-3 quantity from 4 to 2, added Stud 1126000-4 in Top Deck - Amphibian section. Changed Cross Tie, Top Deck, Baggage 21A01326-004 to 1013020, changed Cross Tie, Top Deck 30S01326-035 to 1013025 in Top Deck sections. Changed Screw #8 X 5/8 to SS TATP 8 X 5/8 in Top Deck sections. Added After Body Gusset Assemblies 1013018 for Right Float and 1013019 for Left Float in Seaplane Hull Extrusions section. Renamed Section 6. Updated image and parts list in Pumpout Cup and Tube section. Updated parts in Water Rudder Installation section. Added Float Hand Pump section. Updated image and parts list in Nose Gear Retraction Assembly. Updated image and added 21A04547-004 Lower Shock Strut Bushing to Main Gear Retraction Installation section. Changed Assembly, Relay, Time Delay Release from 1005042 and 1005043 to 1012411.	11/9/2026

View most current version of parts manual at www.wipaire.com.

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FLOAT PART SALES DEPARTMENT OPERATIONS

Parts Sales:

Wipaire, Inc.

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Telephone: (651) 306-0459

Fax: (651)-306-0666

Website: www.wipaire.com

Email: customerservice@wipaire.com

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)

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.

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

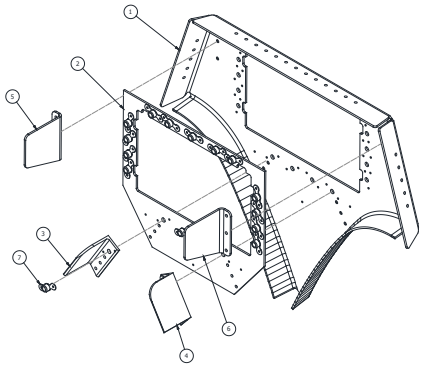
USING THIS PARTS MANUAL

COVERAGE

Parts information is provided in this manual for the hulls and all "deck down" parts. For information on strut package parts and other aircraft 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 Wipaire Customer Service Department.

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

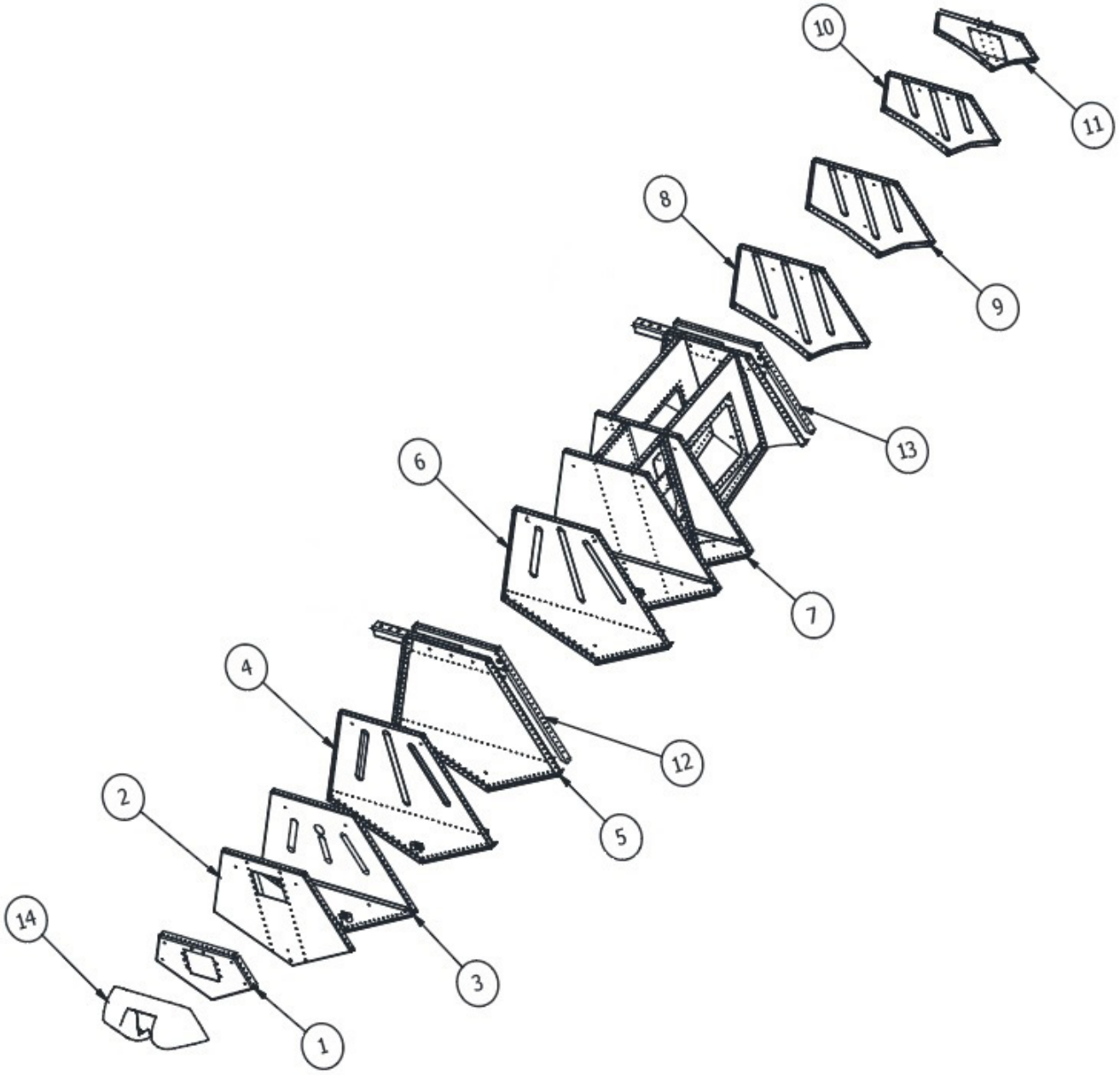
To order an individual part, order the part number associated with item number.

SECTION 1
HULL BULKHEAD ASSEMBLIES

CONTENTS

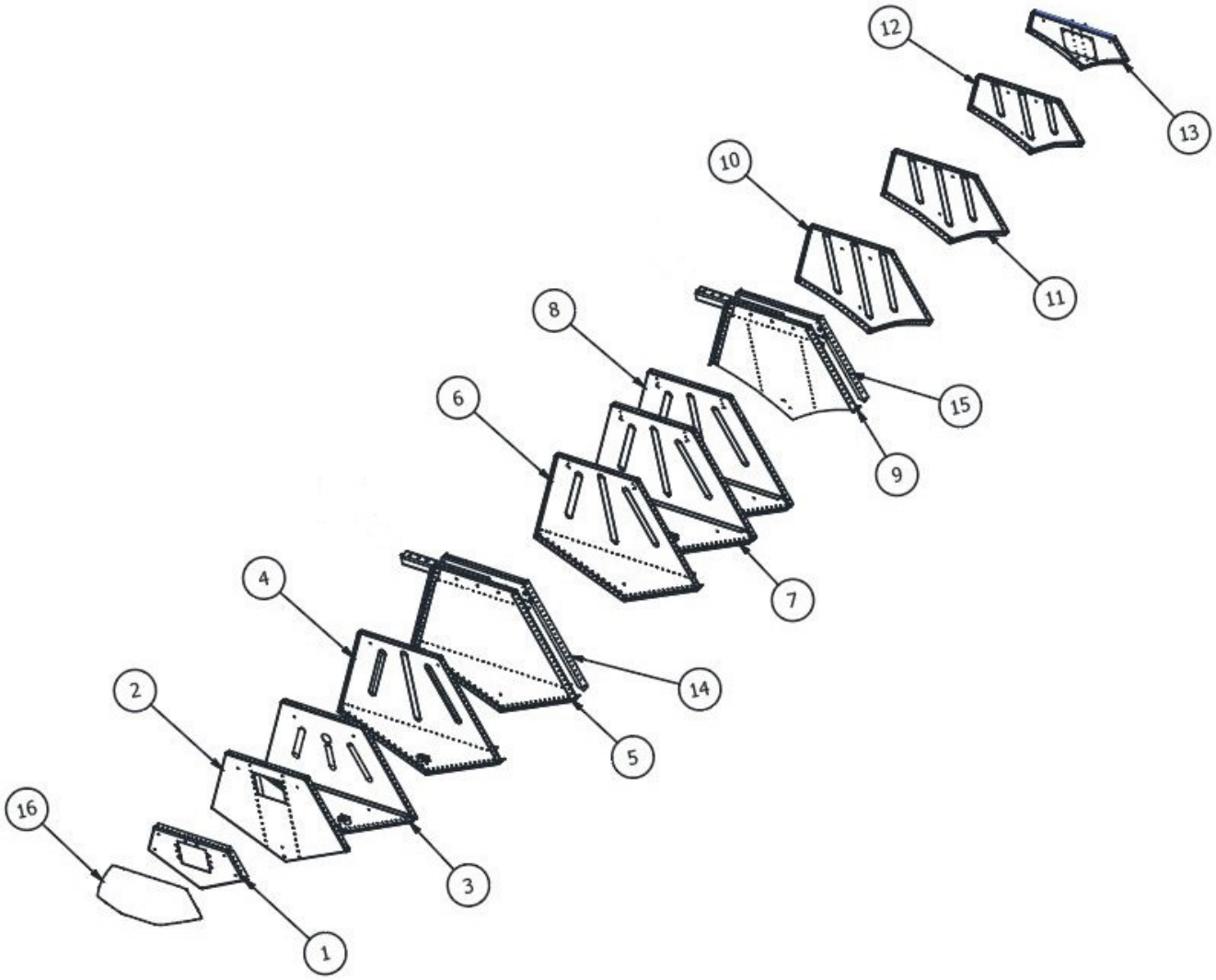
HULL ASSEMBLY - AMPHIBIAN 10
HULL ASSEMBLY - SEAPLANE 12
NOSE BUMPER AMPHIBIAN ONLY 14
NOSE BUMPER SEAPLANE ONLY 15
BULKHEAD #1 16
BULKHEAD #3 17
BULKHEAD #4 18
BULKHEAD #5 19
BULKHEAD #6 FWD 20
BULKHEAD #6 AFT 21
BULKHEAD #6 FWD SEAPLANE ONLY 22
BULKHEAD #6 AFT SEAPLANE ONLY 23
BULKHEAD #7 LEFT FLOAT AMPHIBIAN ONLY 24
BULKHEAD #7 RIGHT FLOAT AMPHIBIAN ONLY 25
BULKHEAD #8 LEFT FLOAT AMPHIBIAN ONLY 26
BULKHEAD #8 RIGHT FLOAT AMPHIBIAN ONLY 27
BULKHEAD #10 AMPHIBIAN ONLY 28
BULKHEAD #10 SEAPLANE ONLY 29
BULKHEAD #11 30
BULKHEAD #12 31
BULKHEAD #13 32
BULKHEAD #15 33

HULL ASSEMBLY - AMPHIBIAN



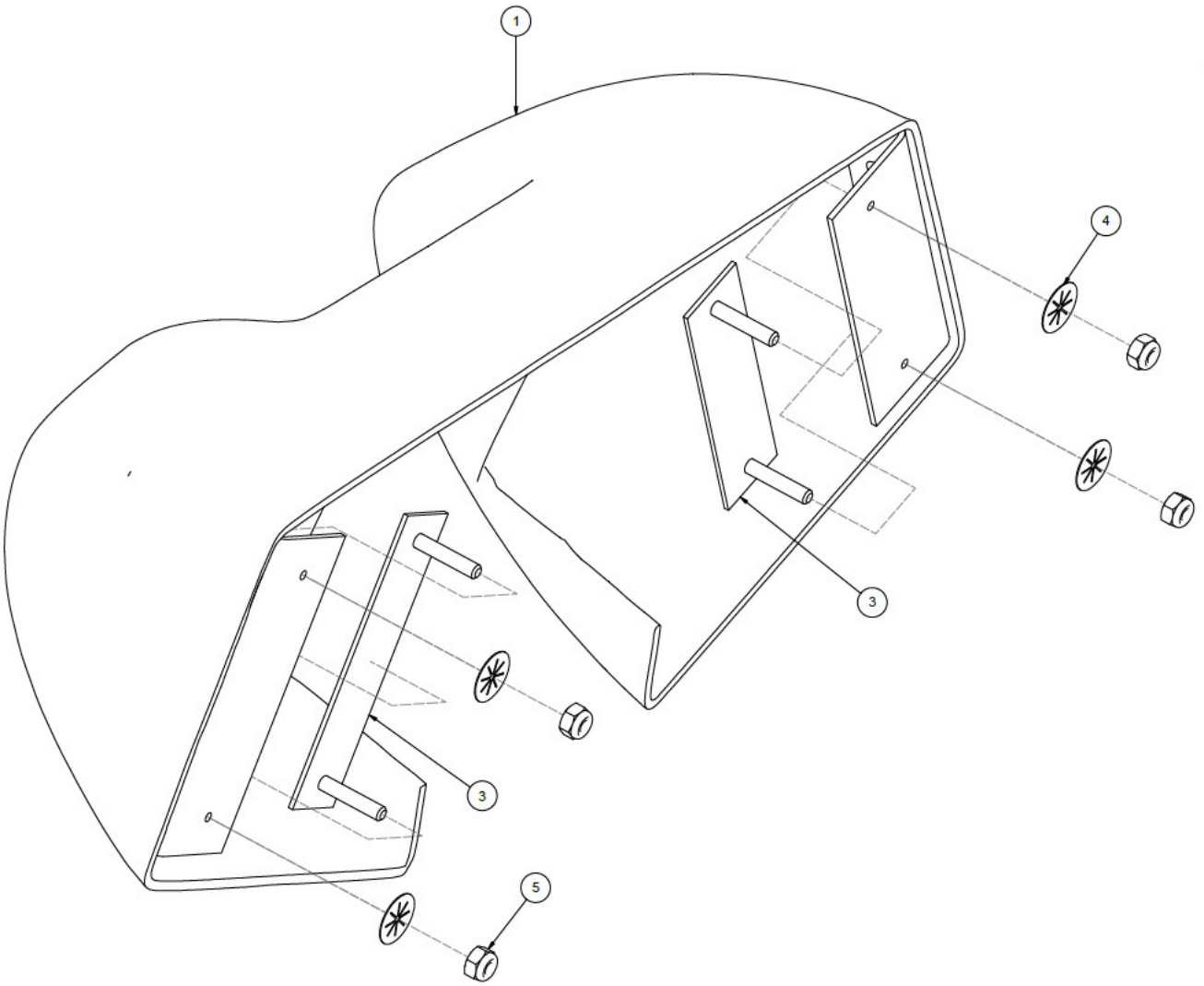
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1	1	21A01163-067	BULKHEAD #1
2	1	21A01000-265	ASSEMBLY, BULKHEAD #3
3	1	21A01000-261	ASSEMBLY, 2350 BULKHEAD #4
4	1	23A01000-296	ASSEMBLY, BULKHEAD STN #5
5	1	23A01000-297	BULKHEAD STN #6 ASSY
6	1	21A01000-252	ASSEMBLY, 2350 BULKHEAD #6
7 LT	1	21A01000-293	WHEEL WELL BUILD UP ASSY. LT.
7 RT	1	21A01000-294	WHEEL WELL BUILD UP ASSY RT.
8	1	21A01000-395	BULKHEAD STN. #11 ASSY
9	1	21A01000-396	ASSY, BULKHEAD #12
10	1	21A01000-397	ASSEMBLY, BULKHEAD #13
11	1	23A01000-298	BULKHEAD #15 ASSY
12	1	23A01000-302	ASSEMBLY, SPREADER BAR SUPPORT PANEL, FWD, 2350
13	1	21A01000-259	SPREADER BAR PANEL AFT ASSY
14	1	21A01000-295	NOSE BUMPER AMPHIBIAN

HULL ASSEMBLY - SEAPLANE



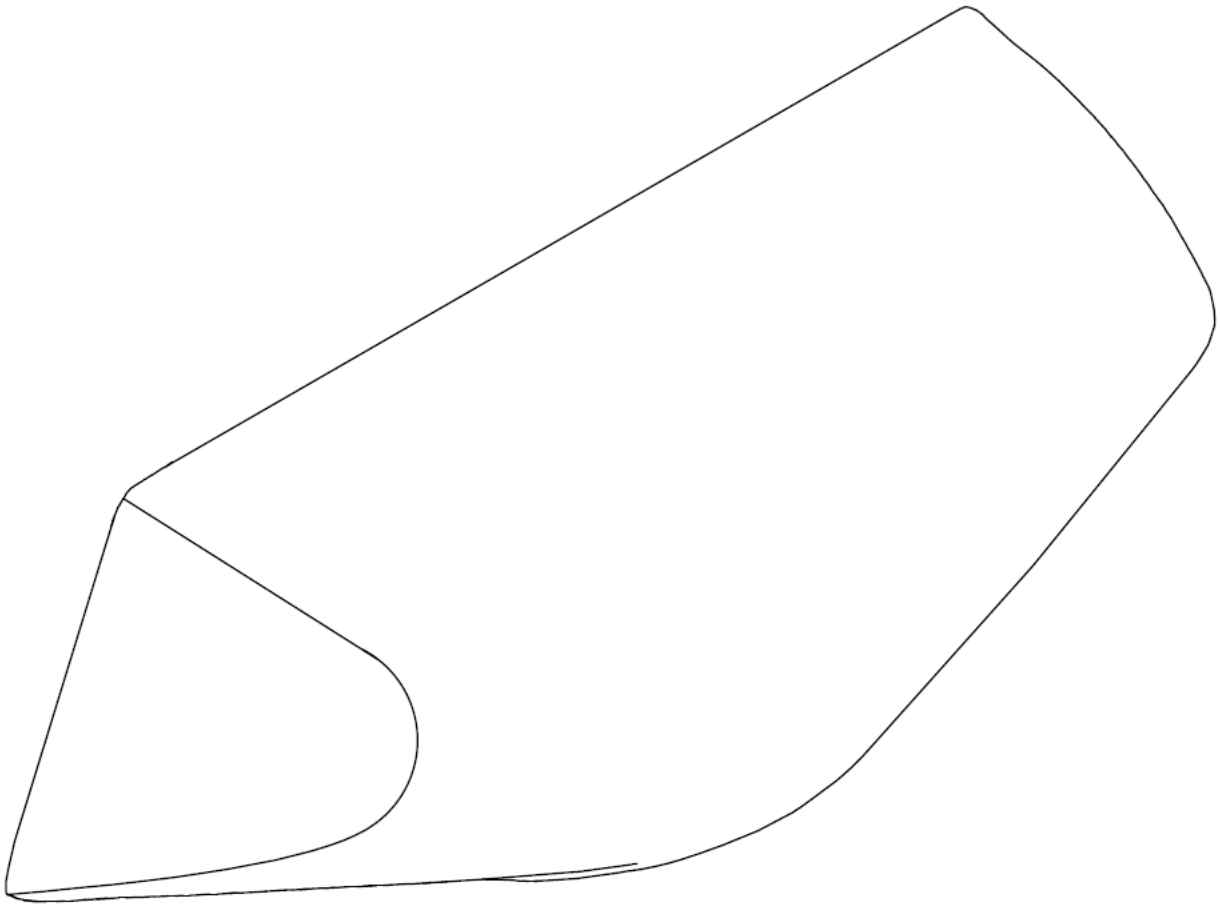
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1	1	21A01163-067	BULKHEAD #1
2	1	21A01000-265	ASSEMBLY, BULKHEAD #3
3	1	21A01000-261	ASSEMBLY, 2350 BULKHEAD #4
4	1	23A01000-296	ASSEMBLY, BULKHEAD STN #5
5	1	23A01000-297	BULKHEAD STN #6 ASSY
6	1	21A01000-252	ASSEMBLY, 2350 BULKHEAD #6
7	1	21S01000-308	ASSEMBLY, 2350 BULKHEAD #6
8	1	21S01000-309	ASSEMBLY, 2350 BULKHEAD #6
9	1	21S01000-322	ASSEMBLY, BULKHEAD 10, 2350 COMP
10	1	21A01000-395	BULKHEAD STN. #11 ASSY
11	1	21A01000-396	ASSY, BULKHEAD #12
12	1	21A01000-397	ASSEMBLY, BULKHEAD #13
13	1	23A01000-298	BULKHEAD #15 ASSY
14	1	23A01000-302	SPREADER BAR #6 ASSY.
15	1	21A01000-259	ASSY, SPREADER BAR PANEL, AFT
16	1	21S01738-001	NOSE BUMPER - SEAPLANE

NOSE BUMPER AMPHIBIAN ONLY



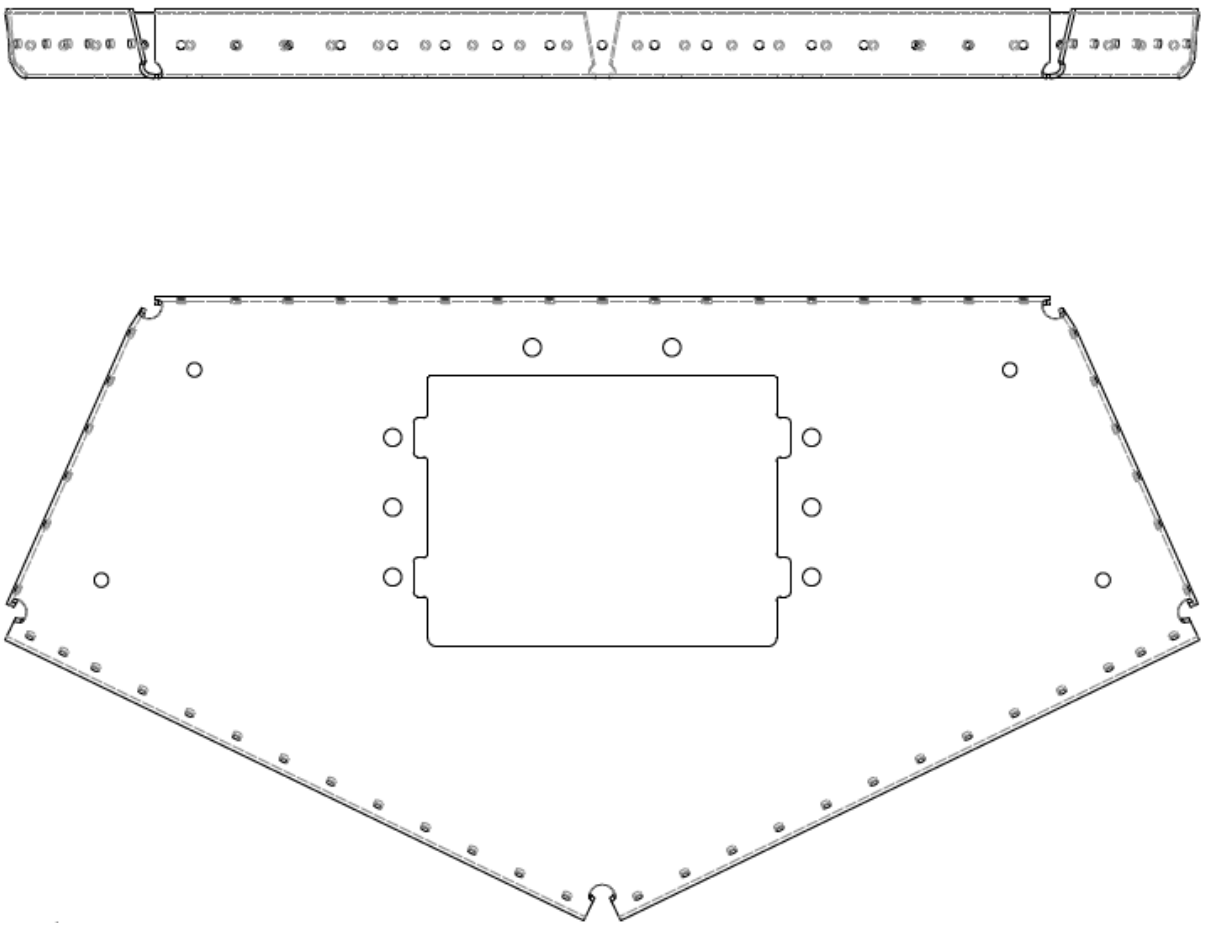
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-	1	21A01000-295	NOSE BUMPER - AMPHIBIAN
1	1	21A01000-295-1	NOSE BUMPER
2	2	21A01000-295-2	ANGLE, MOUNT, NOSE BUMPER
3	2	21A01000-295-3	PLATE, SCREW MOUNT, NOSE BUMPER
4	4	4HFW3	PUSH NUT WASHER
5	4	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
6	4	MS51958-67	SCREW, BUTTON HEAD

NOSE BUMPER SEAPLANE ONLY



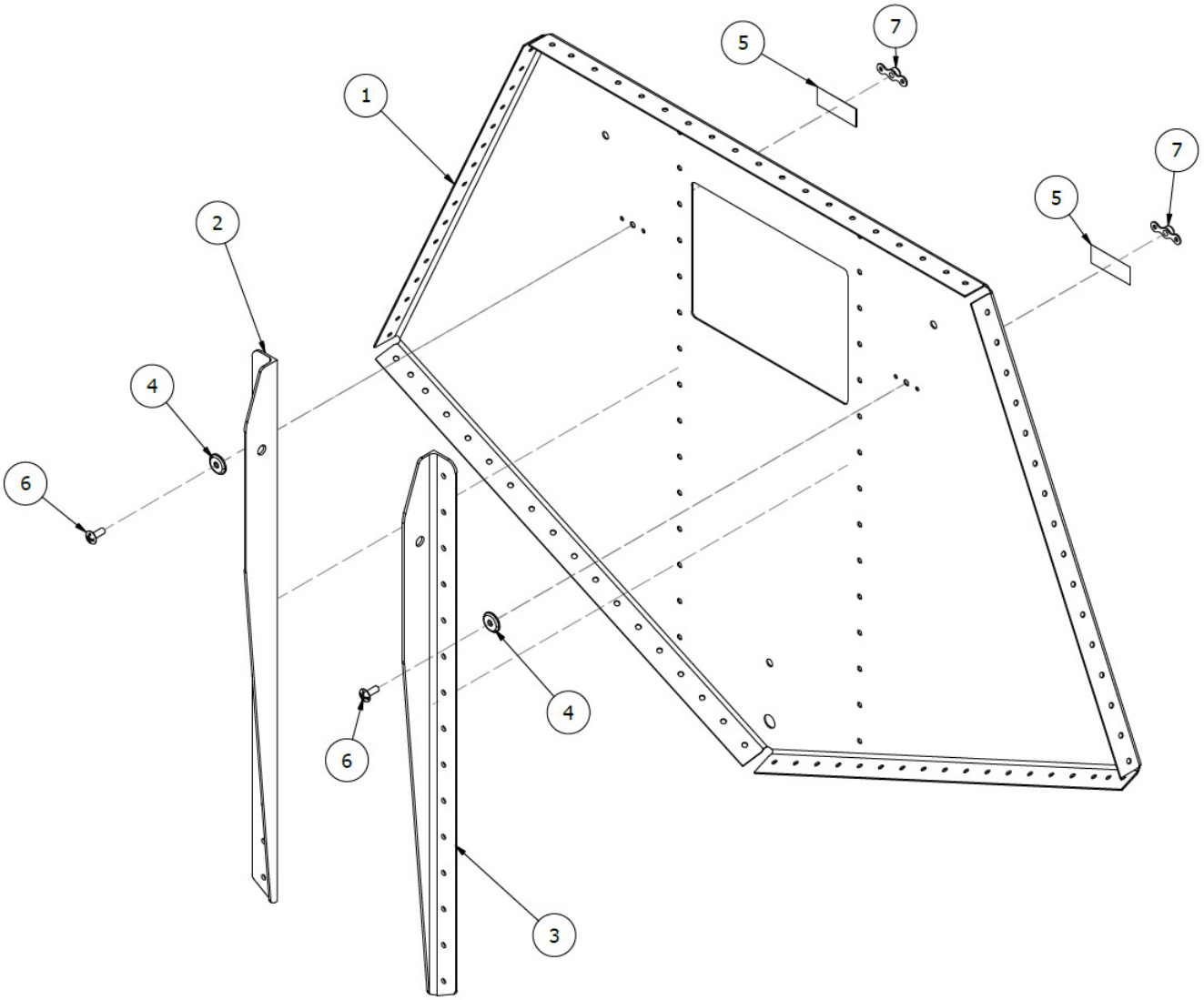
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-	1	21S01738-001	NOSE BUMPER - SEAPLANE

BULKHEAD #1



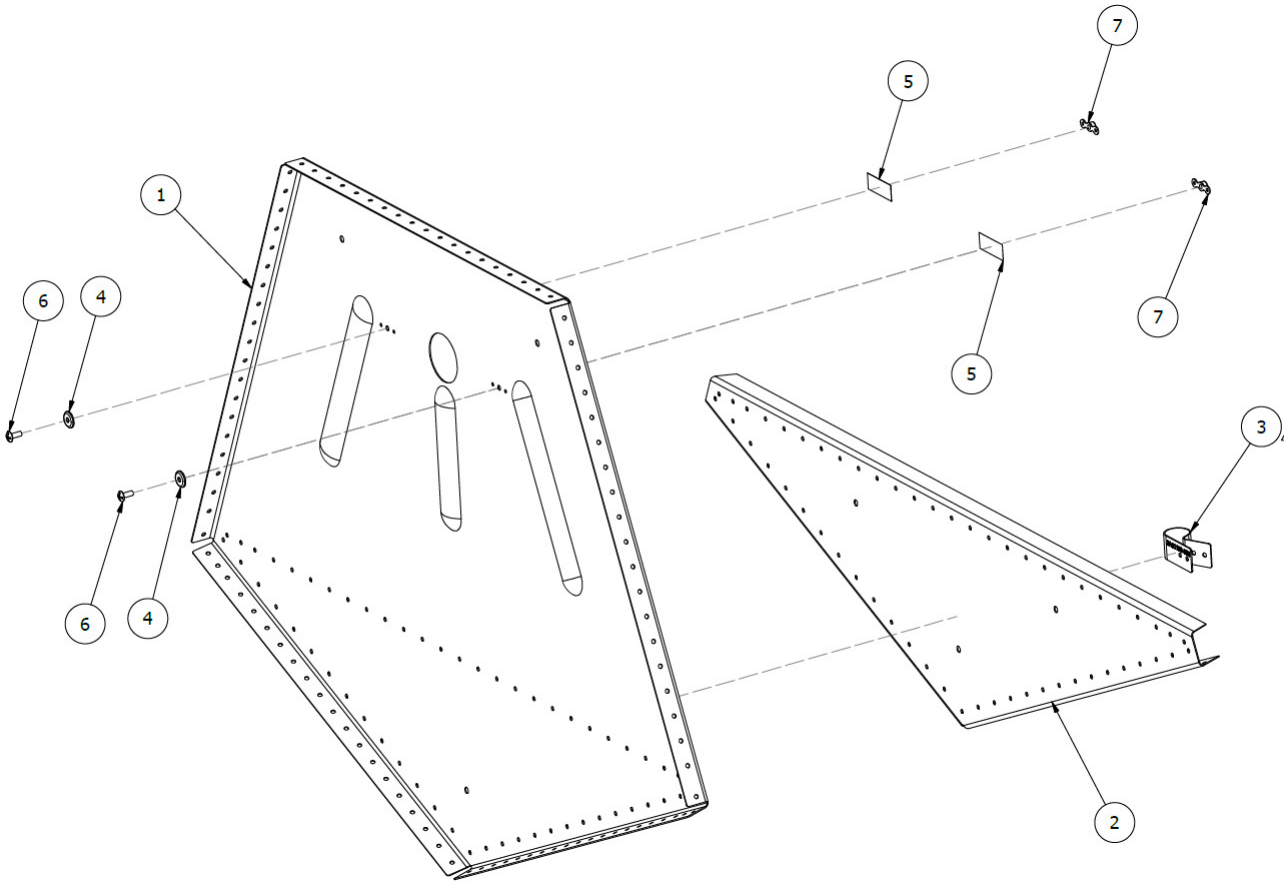
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21A01163-067	BULKHEAD #1

BULKHEAD #3



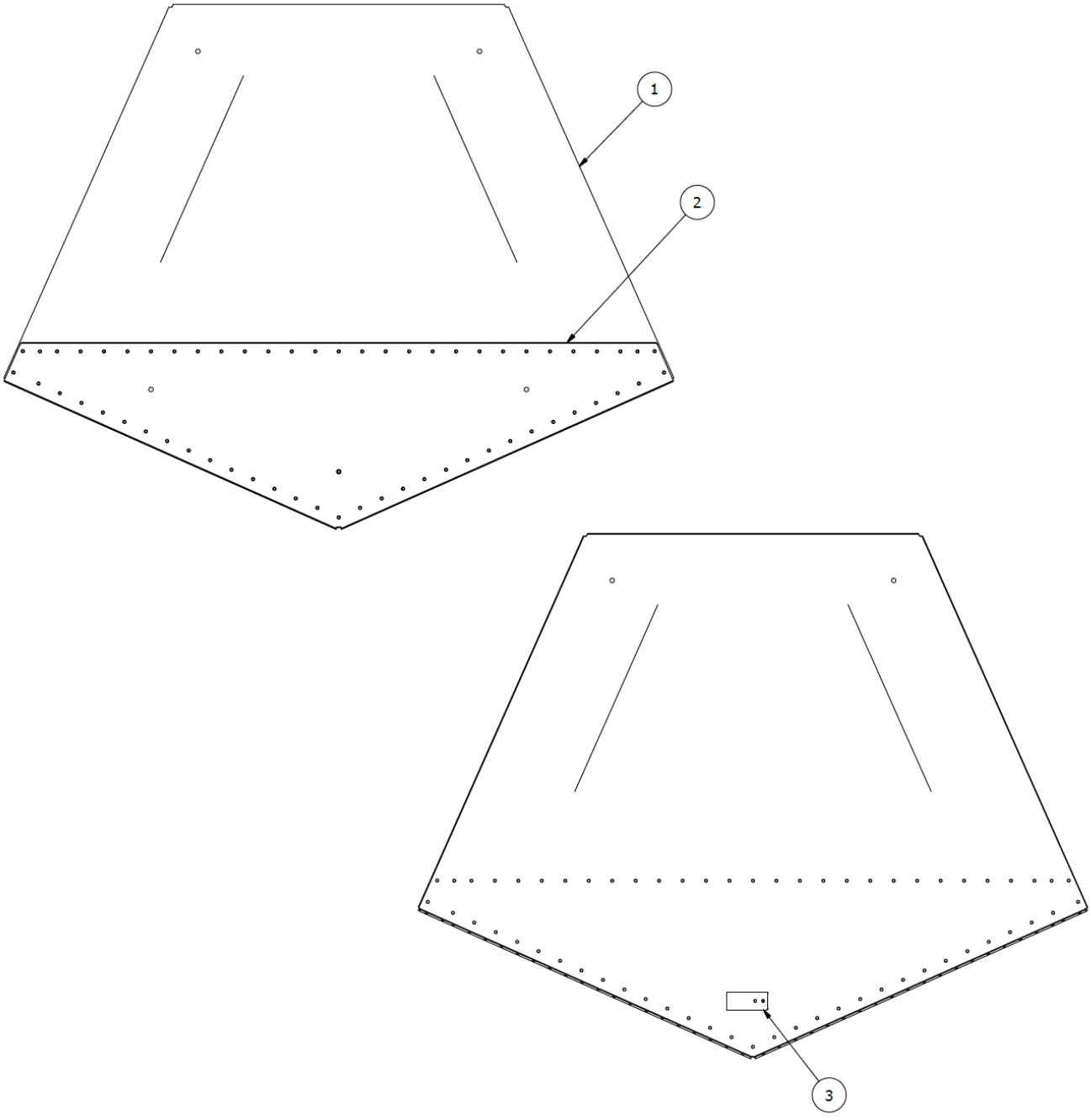
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-	1	21A01000-265	ASSEMBLY, BULKHEAD #3
1	1	21A01158-184	PANEL, BULKHEAD 3
2	1	21A01326-005	ANGLE, SUPPORT, BULKHEAD 3
3	1	21A01326-006	ANGLE, SUPPORT, BULKHEAD 3
4	2	94154A100	WASHER, STAINLESS STEEL W/PVC PLASTIC, SEALING
5	2.5 IN	9903-13-36	TAPE, TINNERMAN, 1/2"X.005"
6	2	AN526-632R6	SCREW, MACHINE, TRUSS HEAD
7	2	MS21047L06	NUT PLATE, FIXED, STEEL, PLAIN, 6-32

BULKHEAD #4



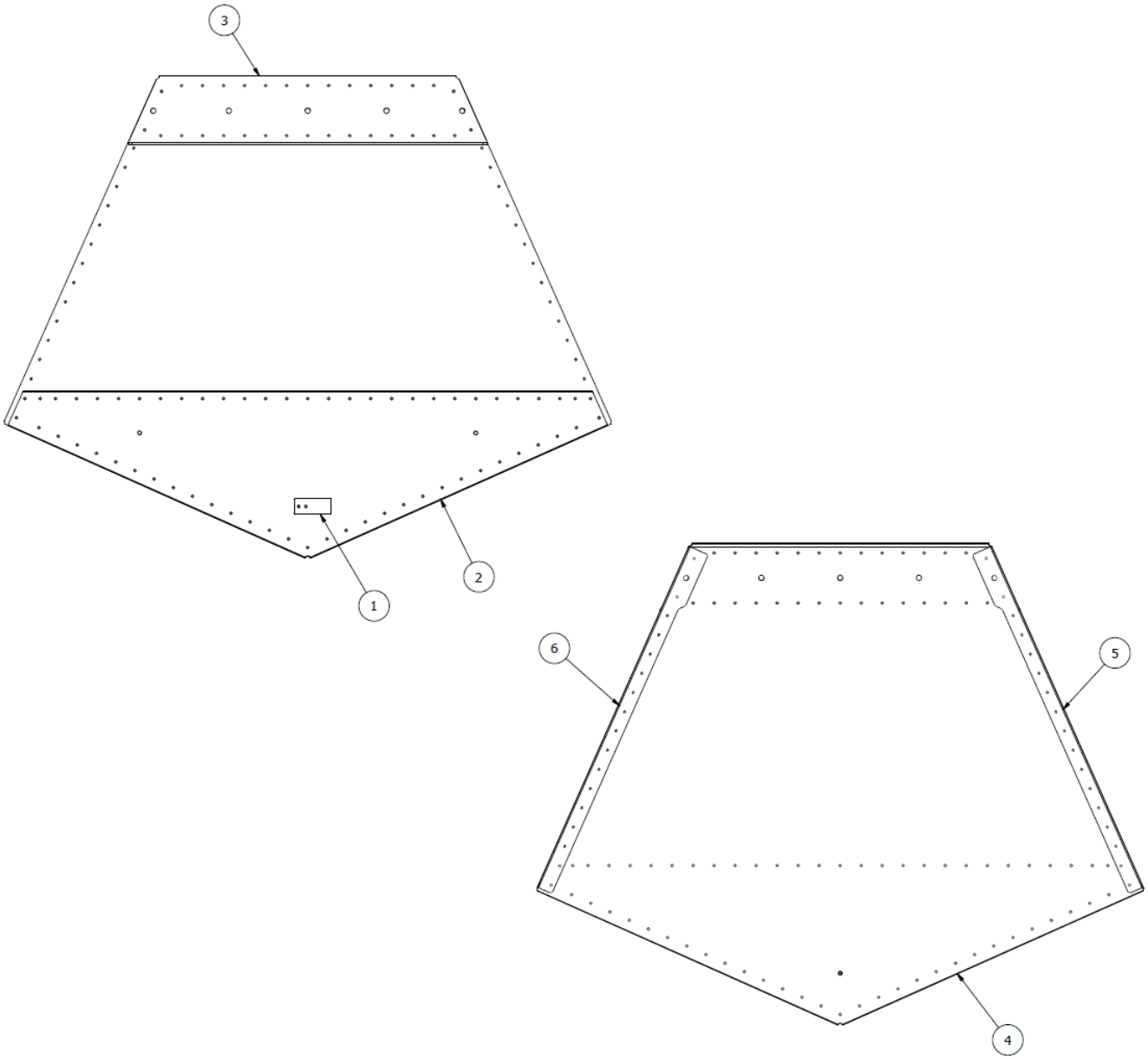
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21A01000-261	ASSEMBLY, BULKHEAD #4
1	1	21A01158-174	PANEL, BULKHEAD 4
2	1	21A01158-175	SUPPORT BULKHEAD 4
3	1	3A01158-003	CLAMP, PUMP OUT TUBE
4	2	94154A100	WASHER, STAINLESS STEEL W/PVC PLASTIC, SEALING
5	2.5 IN	9903-13-36	TAPE, TINNERMAN, 1/2"X.005"
6	2	AN526-632R6	SCREW, MACHINE, TRUSS HEAD
7	2	MS21047L06	NUT PLATE, FIXED, STEEL, PLAIN, 6-32

BULKHEAD #5



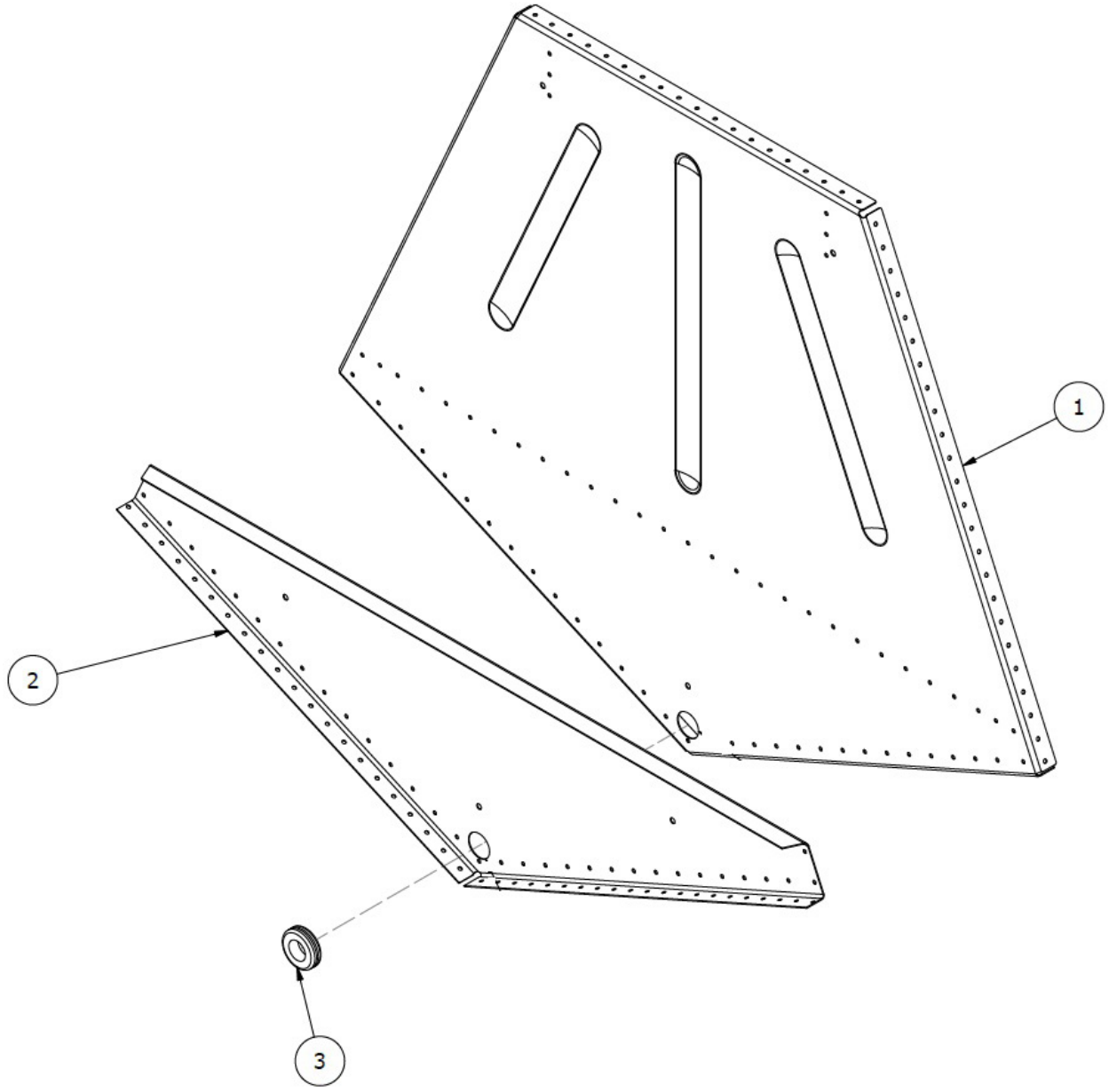
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-	1	23A01000-296	ASSEMBLY, BULKHEAD STN #5
1	1	23A01158-196	BULKHEAD #5 - FORMED
2	2	21A01158-177	SUPPORT, BULKHEAD #6
3	3	3A01158-003	CLAMP, PUMP OUT TUBE

BULKHEAD #6 FWD



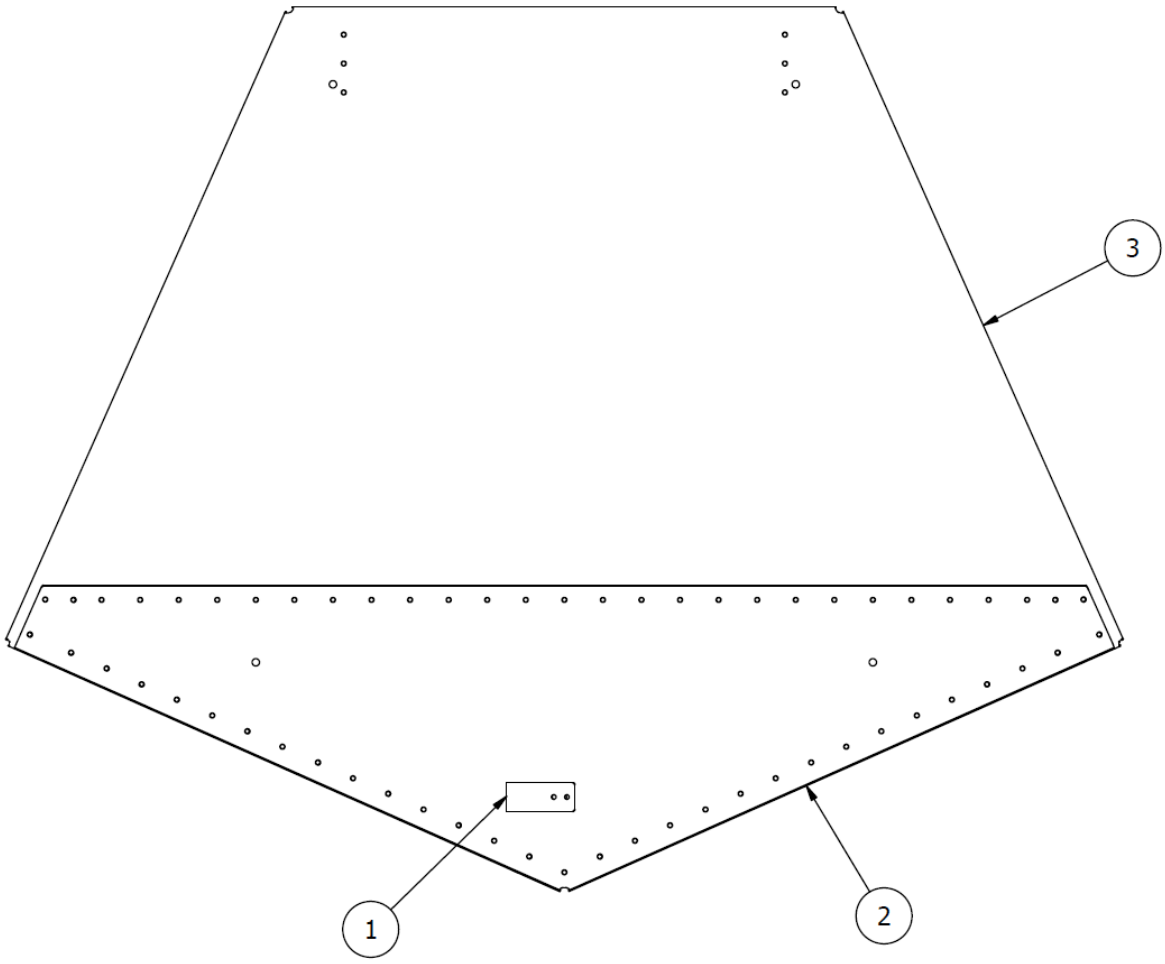
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-	1	23A01000-297	BULKHEAD STN #6 ASSY
1	1	3A01158-003	CLAMP, PUMP OUT TUBE
2	1	21A01158-177	SUPPORT, BULKHEAD # 6
3	1	21A01163-066	SPREADER BAR PANEL
4	1	23A01158-197	BULKHEAD #6 - 2350
5	1	23A01326-016	ANGLE, BULKHEAD STN #5
6	1	23A01326-017	ANGLE, BULKHEAD STN #5

BULKHEAD #6 AFT



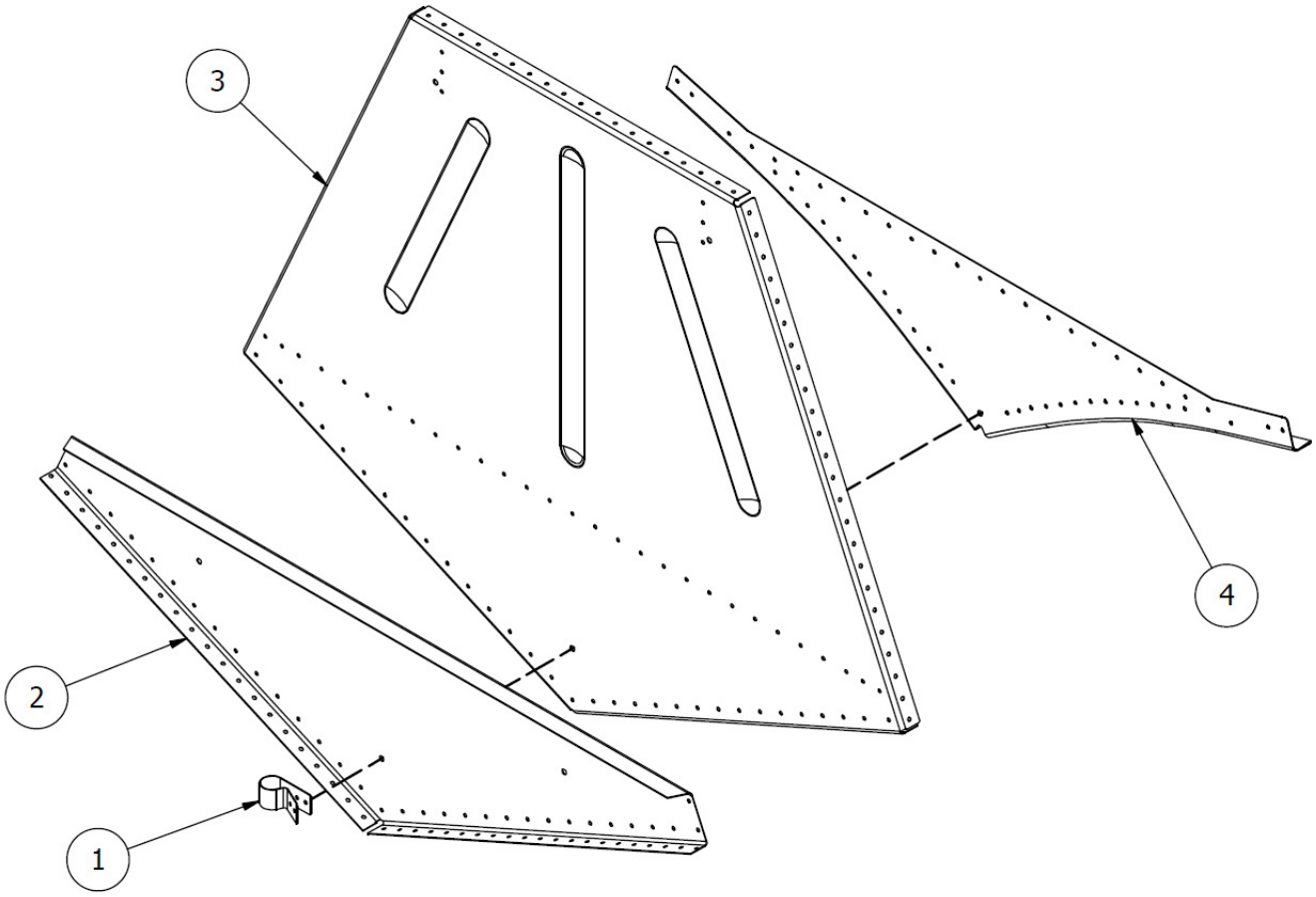
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21A01000-252	ASSEMBLY, 2350 BULKHEAD #6
1	1	21A01158-189	BULKHEAD #6
2	1	21A01158-177	SUPPORT, BULKHEAD # 6
3	1	MS35489-19	GROMMET, RUBBER

BULKHEAD #6 FWD SEAPLANE ONLY



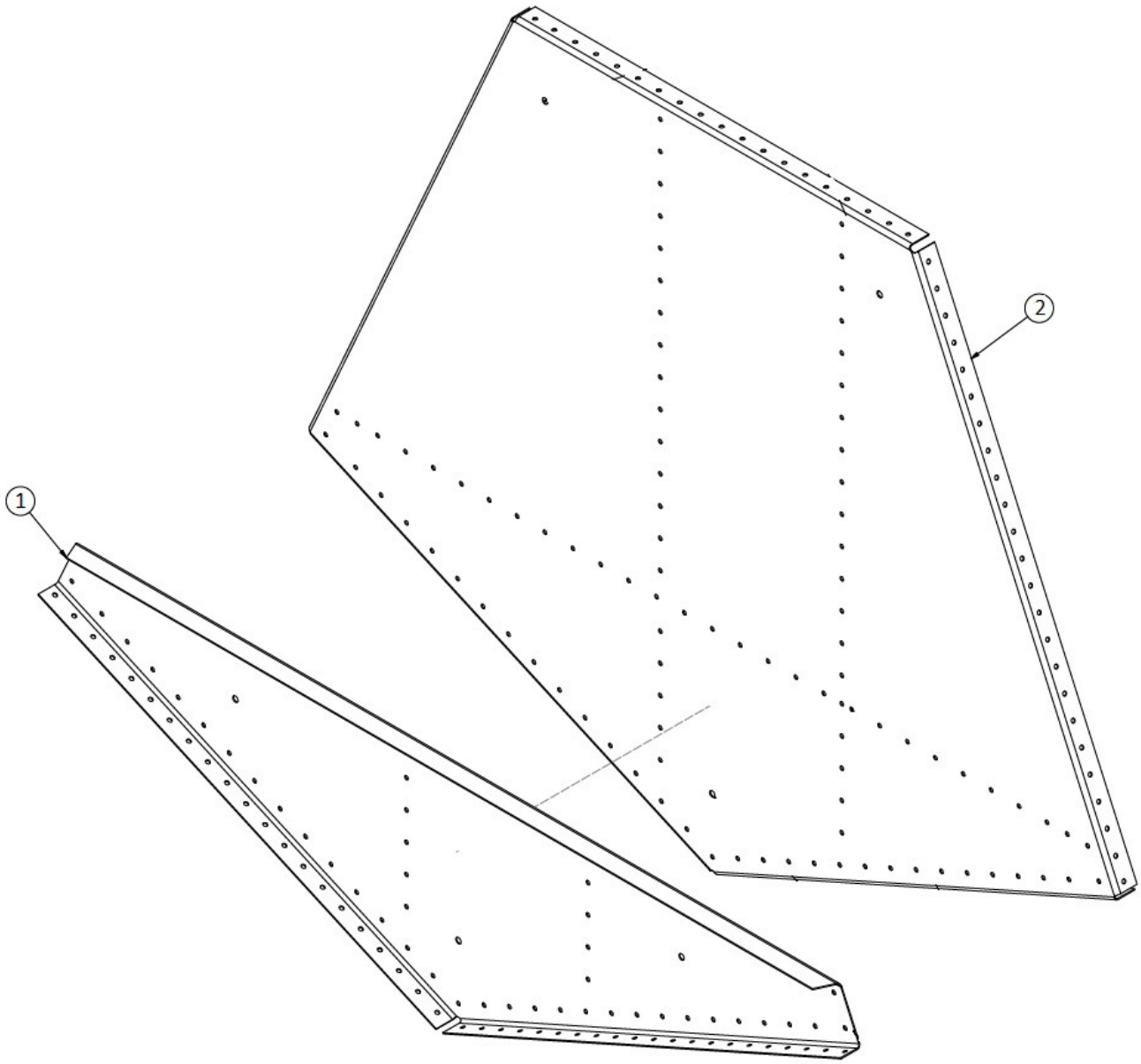
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21S01000-308	ASSEMBLY, 2350 BULKHEAD #6 SEAPLANE
1	1	3A01158-003	CLAMP, PUMP OUT TUBE
2	1	21A01158-177	SUPPORT, BULKHEAD #6
3	1	21A01158-189	BULKHEAD #6

BULKHEAD #6 AFT SEAPLANE ONLY



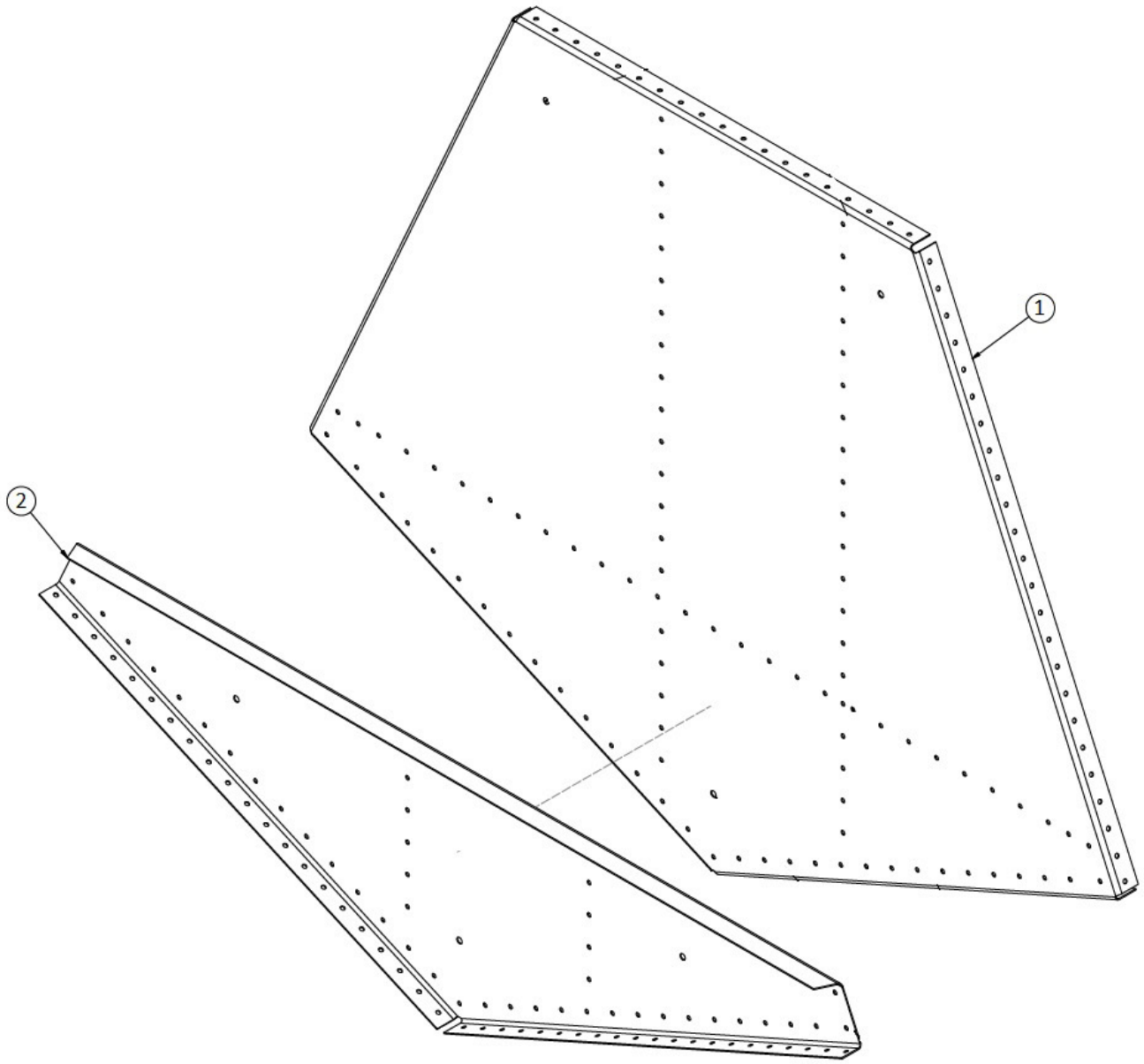
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21S01000-309	ASSEMBLY, 2350 BULKHEAD #6 SEAPLANE
1	1	3A01158-003	CLAMP, PUMP OUT TUBE
2	1	21A01158-177	SUPPORT, BULKHEAD #6
3	1	21A01158-189	BULKHEAD #6
4	1	21S01158-203	ANGLE, BULKHEAD #8 AFT

BULKHEAD #7 LEFT FLOAT AMPHIBIAN ONLY



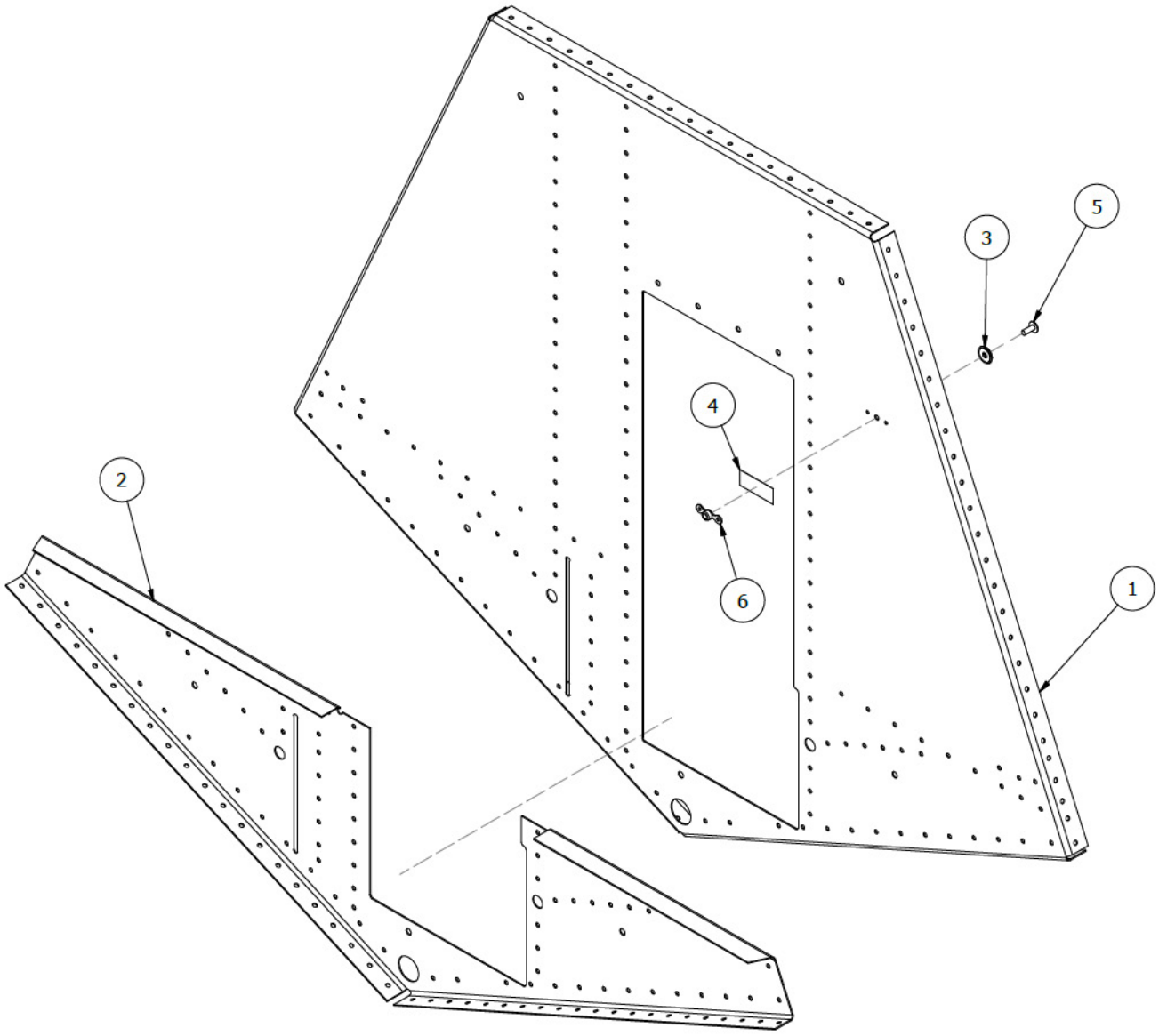
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21A01000-267	ASSEMBLY, BULKHEAD #7, LH
1	1	21A01158-187	SUPPORT, BLKHD 7, RH, 2350
2	1	21A01158-181	BULKHEAD #7 - LH

BULKHEAD #7 RIGHT FLOAT AMPHIBIAN ONLY



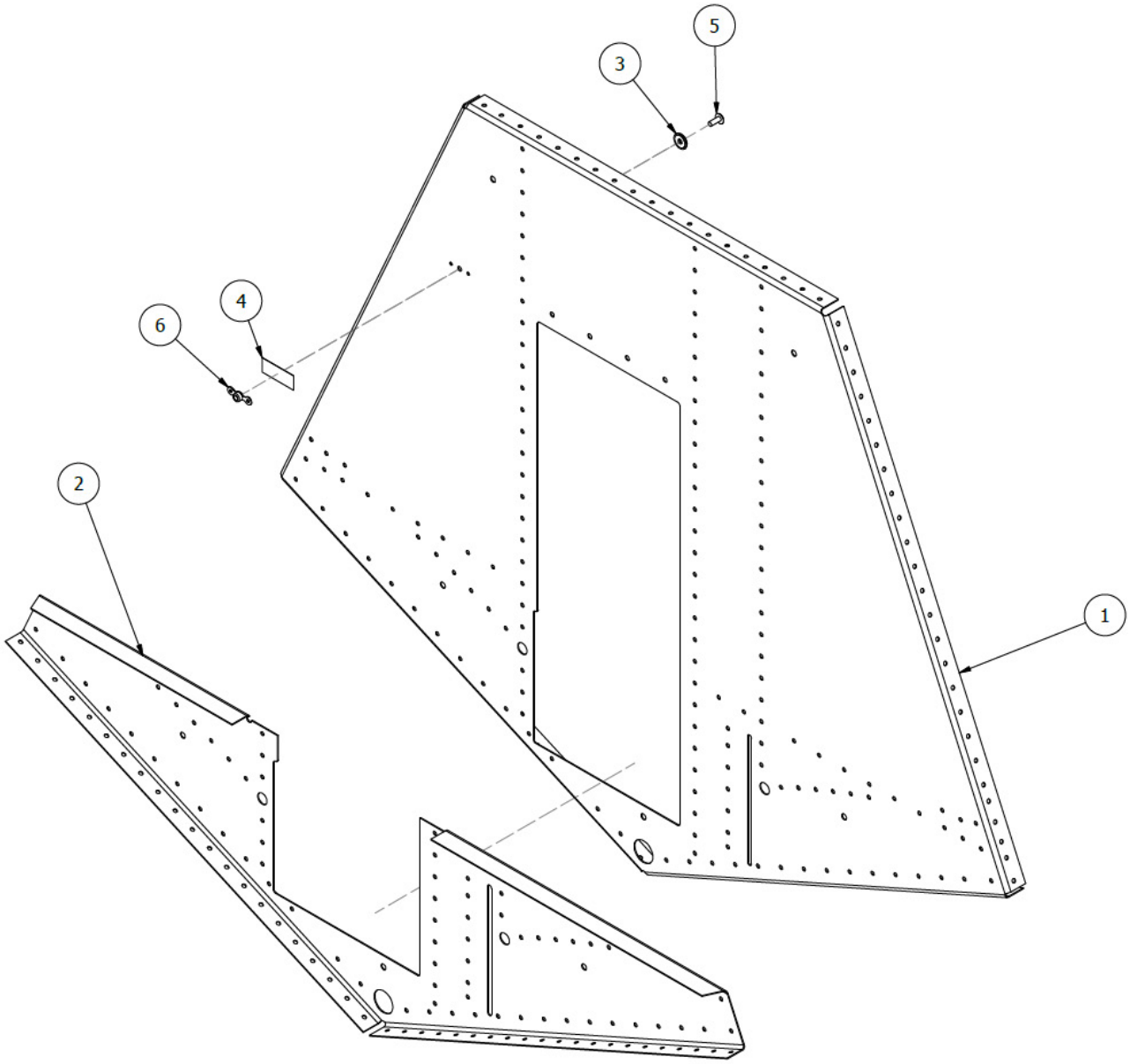
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-	1	21A01000-266	ASSEMBLY, BULKHEAD #7, RH
1	1	21A01158-182	BULKHEAD #7 - RH
2	1	21A01158-188	SUPPORT, BLKHD 7, LH, 2350

BULKHEAD #8 LEFT FLOAT AMPHIBIAN ONLY



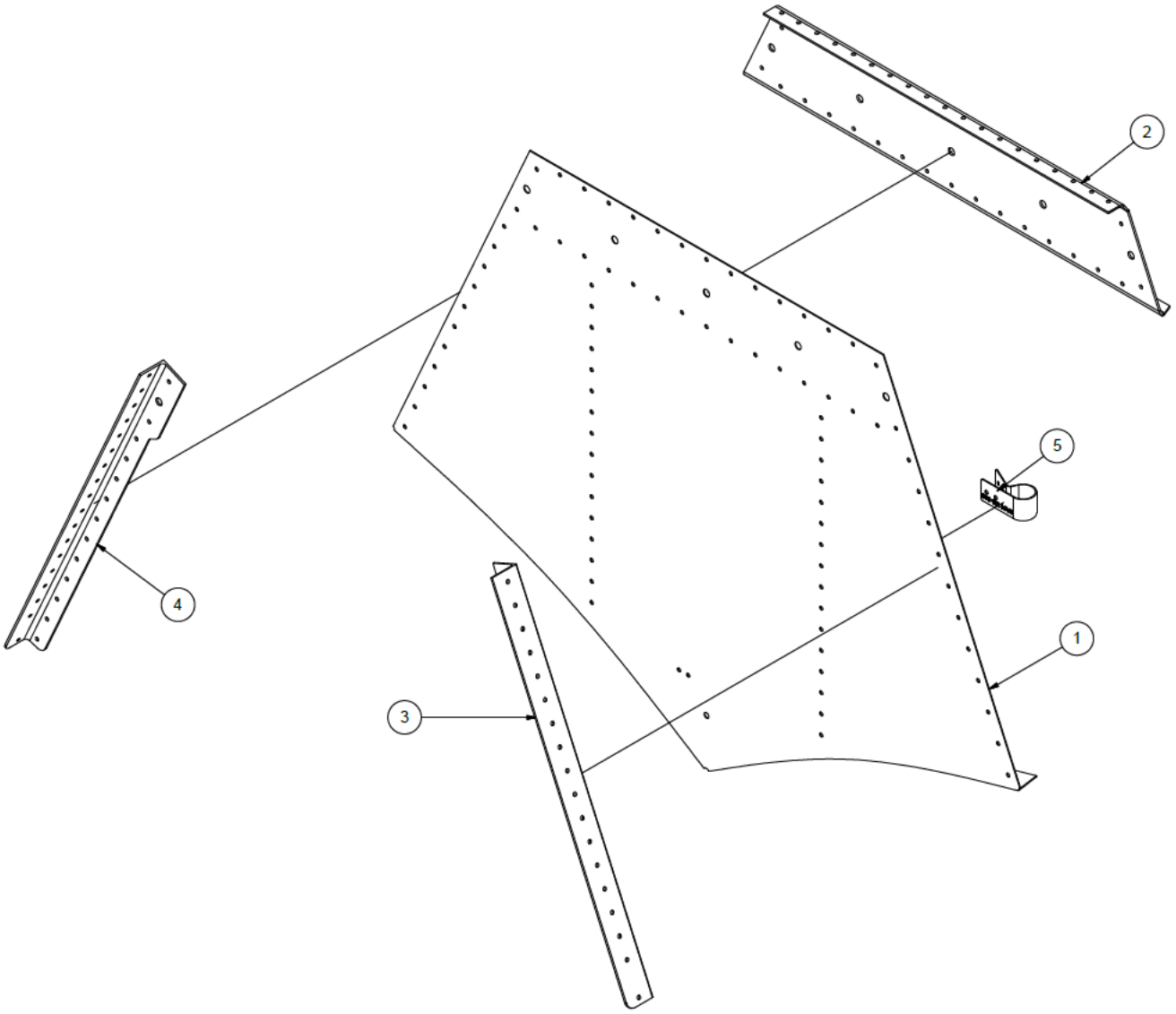
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1	1	21A01158-191	PANEL, BULKHEAD 8, LH
2	1	21A01158-193	SUPPORT - LH - BULKHEAD #8
3	1	94154A100	WASHER, STAINLESS STEEL W/PVC PLASTIC, SEALING
4	1.25 IN	9903-13-36	TAPE, TINNERMAN, 1/2"X.005"
5	1	AN526-632R6	SCREW, MACHINE, TRUSS HEAD
6	1	MS21047L06	NUT PLATE, FIXED, STEEL, PLAIN, 6-32

BULKHEAD #8 RIGHT FLOAT AMPHIBIAN ONLY



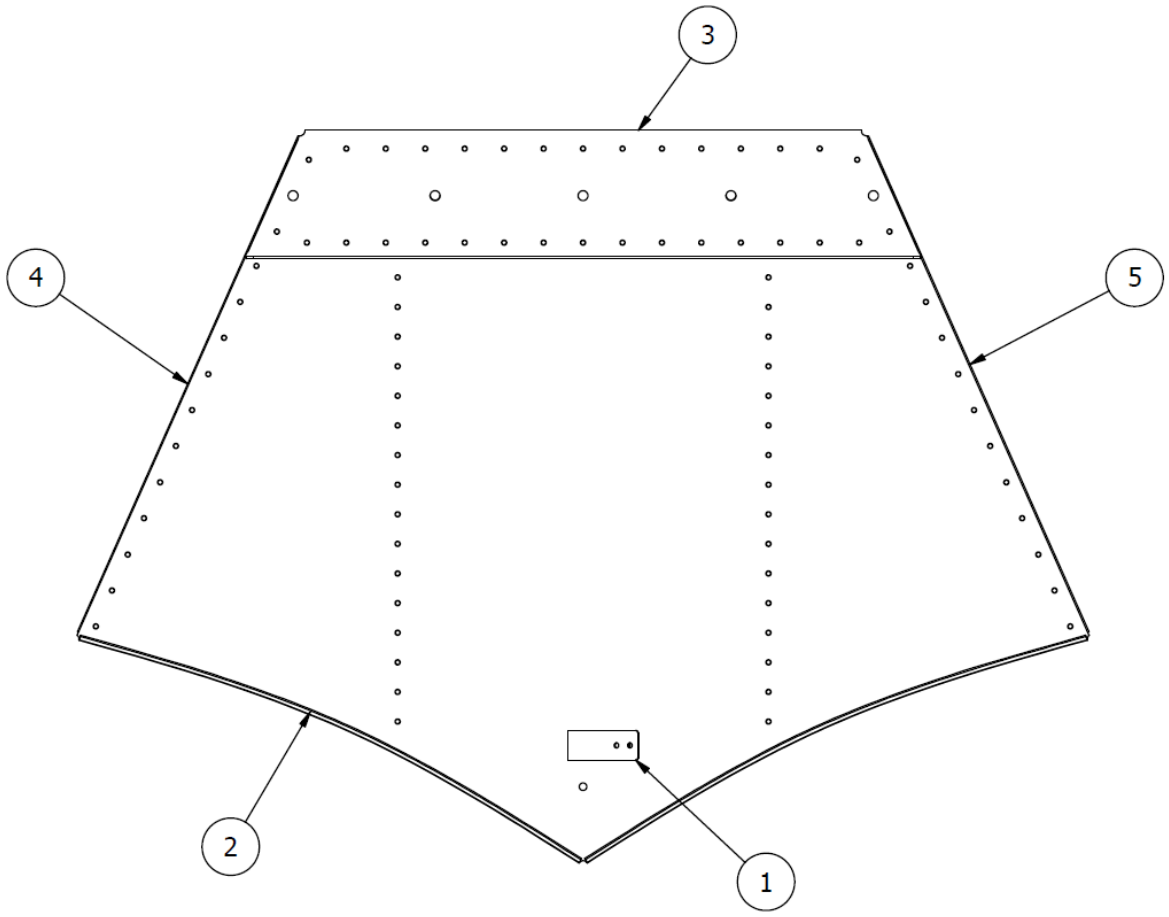
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1	1	21A01158-190	PANEL, BULKHEAD 8, RH
2	1	21A01158-192	SUPPORT - RH - BULKHEAD #8
3	1	94154A100	WASHER, STAINLESS STEEL W/PVC PLASTIC, SEALING
4	1.25 IN	9903-13-36	TAPE, TINNERMAN, 1/2"X.005"
5	1	AN526-632R6	SCREW, MACHINE, TRUSS HEAD
6	1	MS21047L06	NUT PLATE, FIXED, STEEL, PLAIN, 6-32

BULKHEAD #10 AMPHIBIAN ONLY



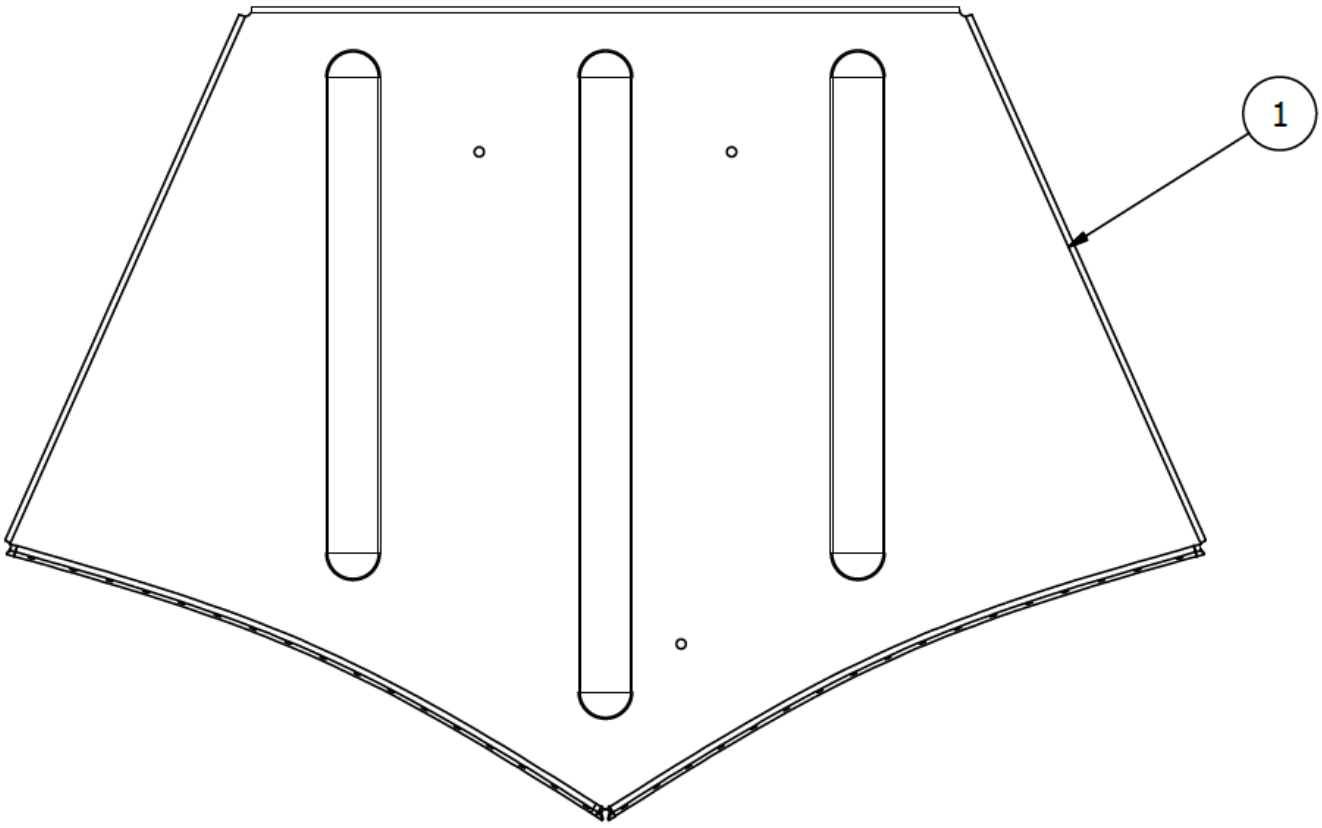
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21A01000-262	ASSY, BLKHD 10, 2350 COMP
1	1	21A01158-169	BULKHEAD #10 - FORMED
2	1	21A01163-066	SPREADER BAR PANEL
3	1	21A01326-011	ANGLE, SIDE BAR, BULKHEAD #10, LF
4	1	21A01326-012	ANGLE, SIDE BAR, BULKHEAD #10, RT
5	1	3A01158-003	CLAMP, PUMP OUT TUBE

BULKHEAD #10 SEAPLANE ONLY



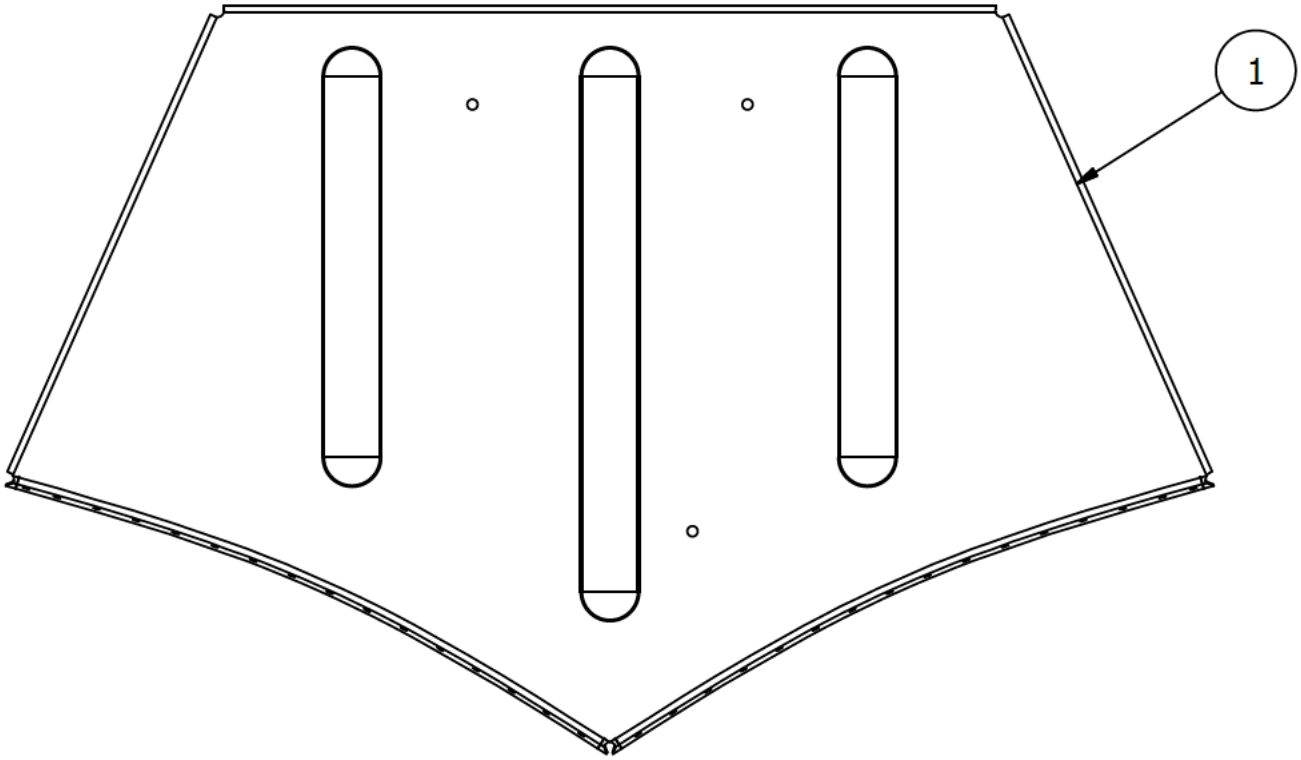
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21S01000-322	ASSEMBLY, BULKHEAD 10, 2350 COMP
1	1	3A01158-003	CLAMP, PUMP OUT TUBE
2	1	21A01158-169	BULKHEAD #10 - FORMED
3	1	21A01163-066	SPREADER BAR PANEL
4	1	21A01326-011	ANGLE, SIDE BAR, BULKHEAD #10, LF
5	1	21A01326-012	ANGLE, SIDE BAR, BULKHEAD #10, RT

BULKHEAD #11



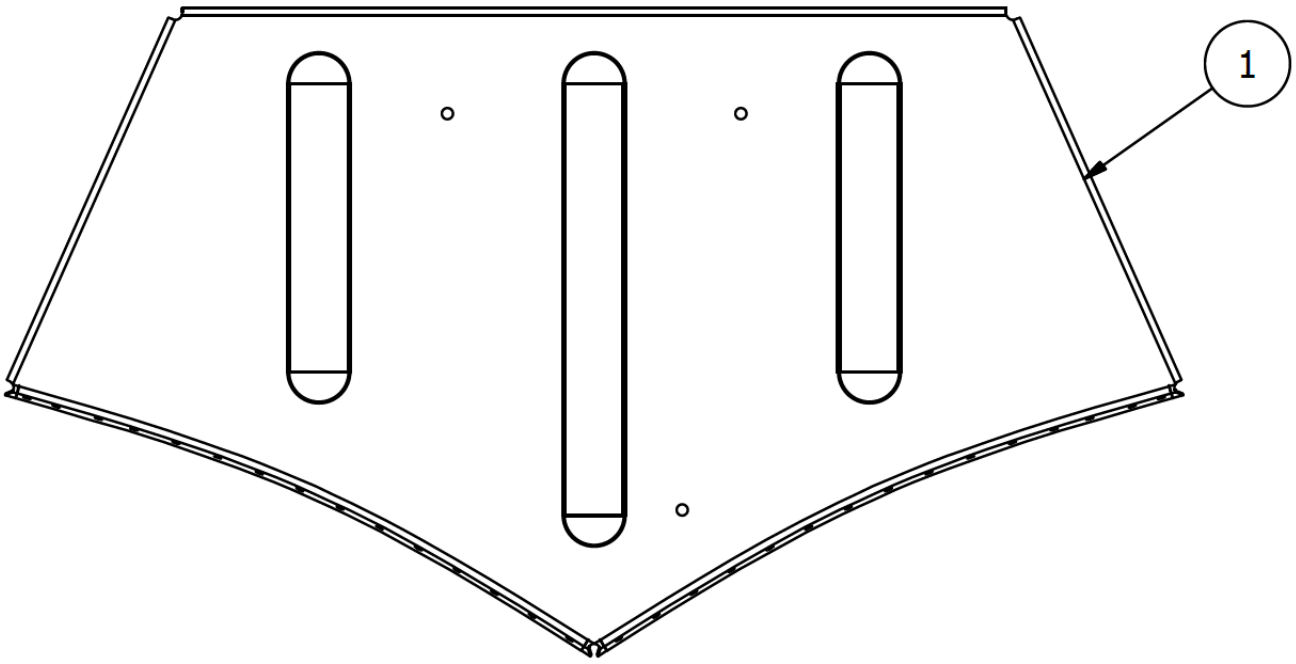
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21A01000-395	BULKHEAD STN. #11 ASSY
1	1	21A01158-168	BULKHEAD #11 - FORMED

BULKHEAD #12



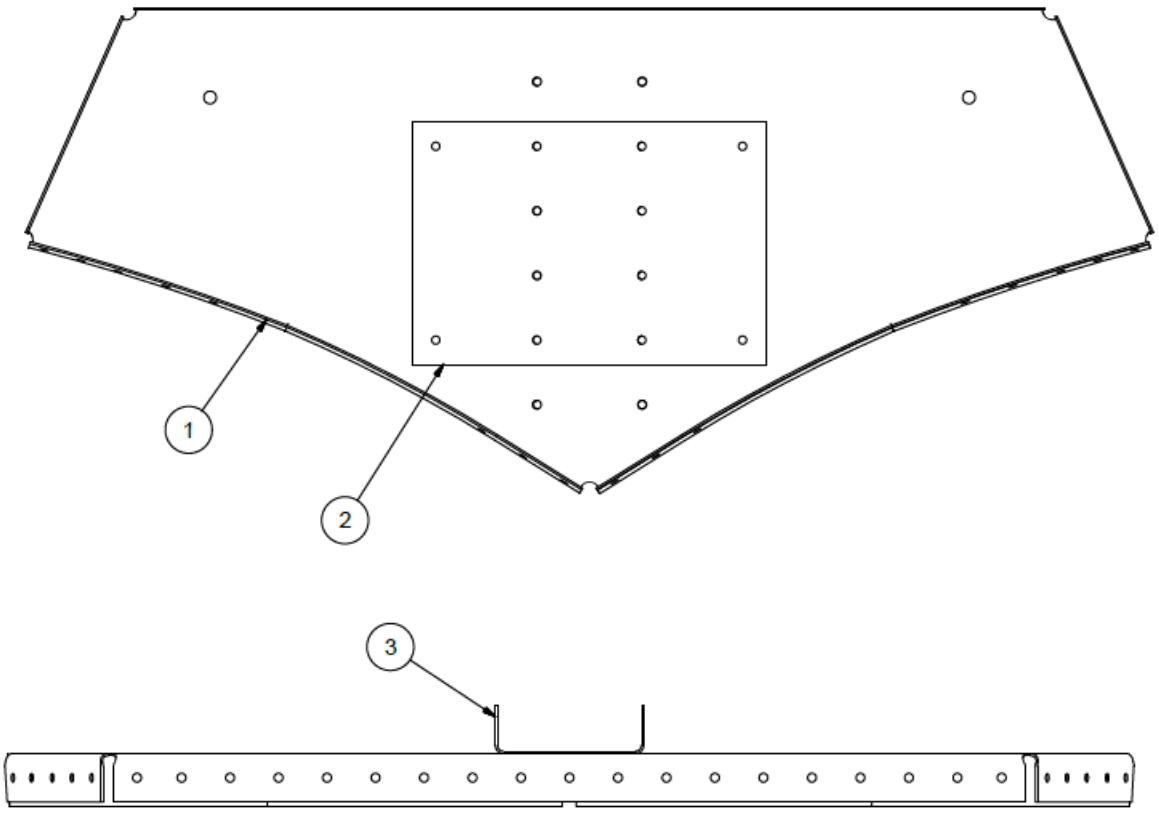
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21A01000-396	ASSY, BULKHEAD #12
1	1	21A01158-167	BULKHEAD #12 - FORMED

BULKHEAD #13



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21A01000-397	ASSEMBLY, BULKHEAD #13
1	1	21A01158-166	BULKHEAD #13 - FORMED

BULKHEAD #15



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	23A01000-298	BULKHEAD #15 ASSY
1	1	23A01158-198	BULKHEAD #15
2	1	21A08156-130	PLATE - WATER RUDDER STOP
3	1	1009187	CHANNEL - BULKHEAD #15

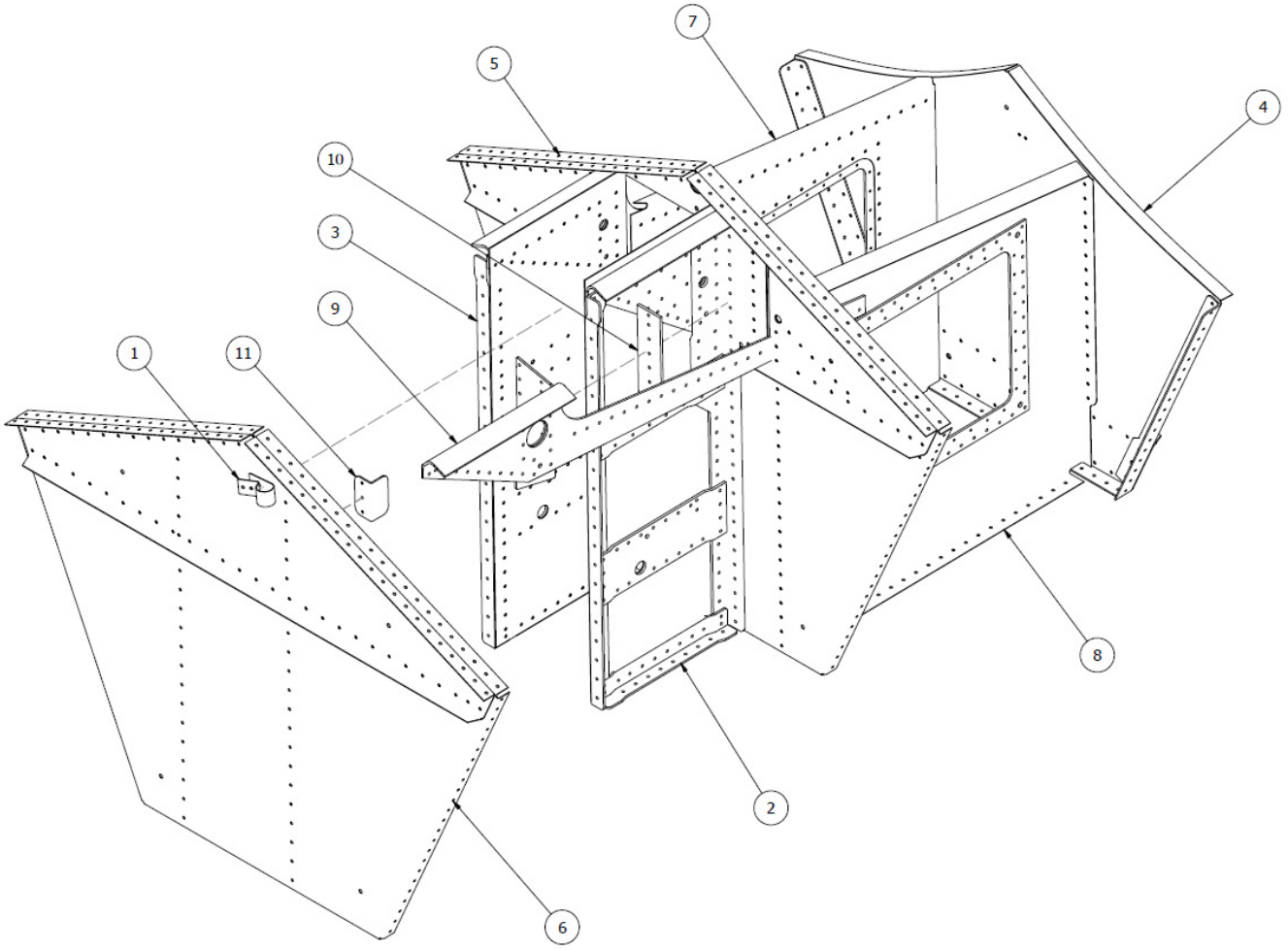
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SECTION 2
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WHEEL WELL BUILD UP ASSEMBLY RIGHT FLOAT.....38

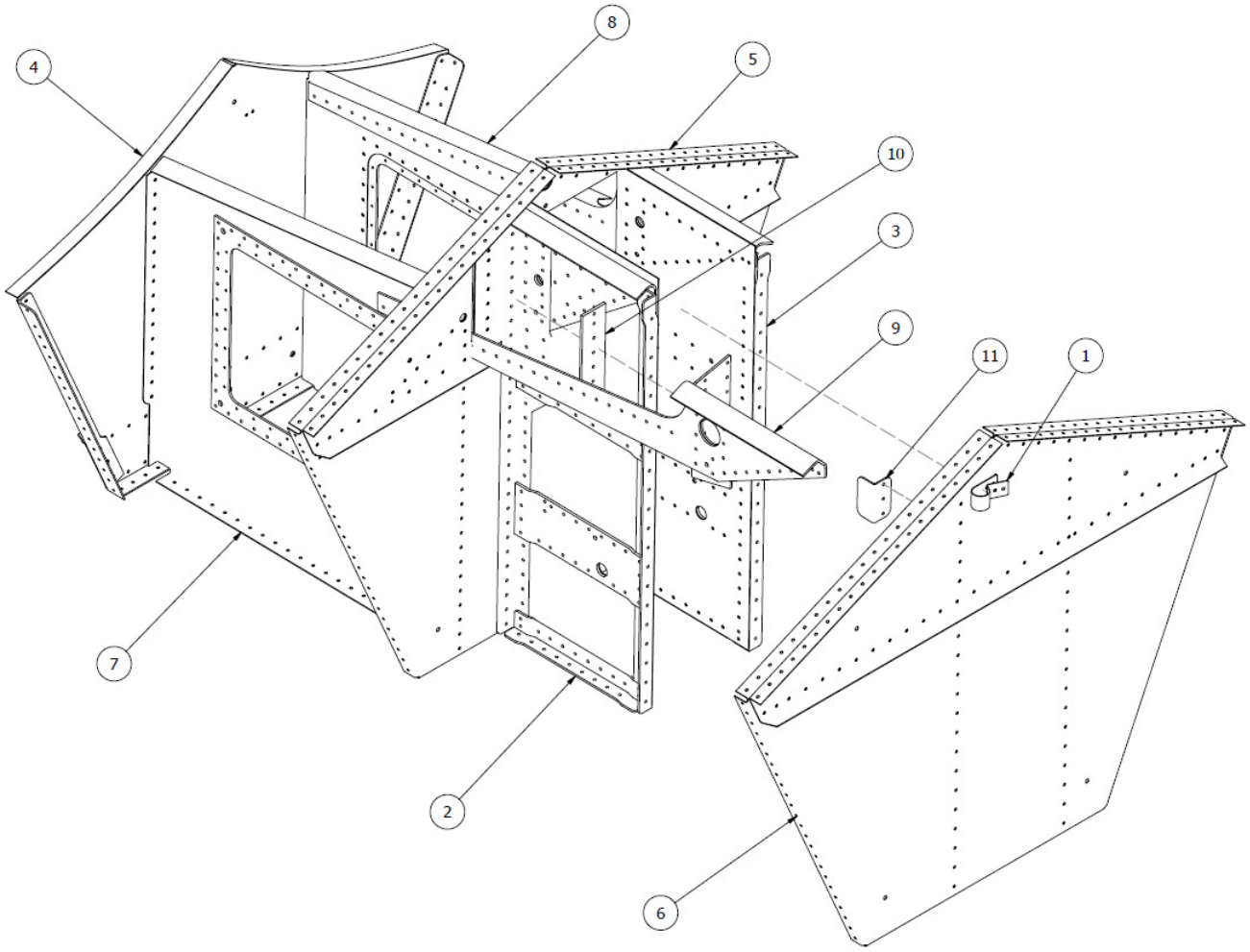
WHEEL WELL BUILD UP ASSEMBLY LEFT FLOAT



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21A01000-293	WHEEL WELL BUILD UP ASSY. LT.
1	1	3A01158-003	CLAMP, PUMP OUT TUBE
2	1	21A01000-255	ASSEMBLY, WHEEL WELL LONG, LH
	1	21A01359-196	ANGLE - WHEEL WELL
	1	21A01359-198	ANGLE, WHEEL WELL, LONG, 2350 COMP
	1	21A01017-007	CARRY THRU STRAP - SHORT - LH
	1	21A01160-022	PLATE - SUPPORT WHEEL WELL WIDE - RH
	1	21A01160-020	PLATE - SUPPORT - WHEELWELL - RH
	1	21A01357-058	ANGLE, WIDE WHEEL WELL, LONG, RT, 2350
	1	21A01002-135	PANEL - WHEEL WELL LONG
3	1	21A01000-257	ASSY, WHEEL WELL. SHORT, LT, 2350
	1	1003343	DOUBLER, PROXIMITY SWITCH
	1	21A01002-133	PANEL, WHEEL WELL SHORT
	1	21A01017-005	CARRY THRU STRAP - LONG - SMALL HOLE - LH

ITEM	QTY	PART NO.	PART DESCRIPTION
	1	21A01160-021	PLATE - SUPPORT WHEEL WELL- LH
	1	21A01160-023	PLATE - SUPPORT - WHEEL WELL WIDE - LH
	1	21A01357-056	ANGLE, WIDE WHEEL WELL SHORT, RIGHT
	1	21A01359-195	ANGLE - WHEEL WELL
	1	21A01359-200	ANGLE, LONG WHEEL WELL SHORT
4	1	21A01000-262	ASSY, BLKHD 10, 2350 COMP
5	1	21A01000-263	ASSY, BULKHEAD #8, LH
6	1	21A01000-267	ASSEMBLY, BULKHEAD #7, LH
7	1	21A01000-289	ASSY, SIDE PANEL, WHEEL WELL, LT. 2350
	1	21A01158-185	PANEL - LH - WHEEL WELL
	1	13A01156-124	SUPPORT, INSPECTION COVER, WHEEL WELL, LARGE
8	1	21A01000-290	ASSY, SIDE PANEL, WHEEL WELL, RT. 2350
	1	21A01158-186	PANEL - RH - WHEEL WELL
	1	13A01156-124	SUPPORT, INSPECTION COVER, WHEEL WELL, LARGE
9	1	21A01000-291	ASSY, CARRY THRU STRAP, LT, 2350
	1	21A01017-002	CARRY THRU STRAP - LONG - LARGE HOLE - RH
	1	21A01156-132	ANGLE, CARRY THRU, RIGHT
10	1	21A01156-125	SPACER, CARRY THRU STRAP, 2350
11	1	21A01326-015	ANGLE, CARRY THRU

WHEEL WELL BUILD UP ASSEMBLY RIGHT FLOAT



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21A01000-294	WHEEL WELL BUILD UP ASSY. RT.
1	1	3A01158-003	CLAMP, PUMP OUT TUBE
2	1	21A01000-254	ASSEMBLY, WHEEL WELL LONG, RH
	1	21A01002-135	PANEL - WHEEL WELL LONG
	1	21A01017-006	CARRY THRU STRAP - SHORT - RH
	1	21A01359-197	ANGLE, LONG WHEEL WELL, LONG
	1	21A01359-195	ANGLE - WHEEL WELL
	1	21A01160-023	PLATE - SUPPORT - WHEEL WELL WIDE - LH
	1	21A01160-021	PLATE - SUPPORT WHEEL WELL- LH
	1	21A01357-059	ANGLE, WIDE WHEEL WELL LONG, LT, 2350
3	1	21A01000-256	ASSY, WHEEL WELL PANEL, SHORT, RH
	1	1003343	DOUBLER, PROXIMITY SWITCH
	1	21A01002-133	PANEL, WHEEL WELL SHORT

ITEM	QTY	PART NO.	PART DESCRIPTION
	1	21A01017-004	CARRY THRU STRAP - LONG - SMALL HOLE - RH
	1	21A01160-020	PLATE - SUPPORT - WHEEL WELL - RH
	1	21A01160-022	PLATE - SUPPORT WHEEL WELL WIDE - RH
	1	21A01357-057	ANGLE, WIDE WHEEL WELL SHORT, LEFT
	1	21A01359-196	ANGLE - WHEEL WELL
	1	21A01359-199	ANGLE, LONG WHEEL WELL SHORT
4	1	21A01000-262	ASSY, BLKHD 10, 2350 COMP
5	1	21A01000-264	ASSY, BULKHEAD #8, RH
6	1	21A01000-266	ASSEMBLY, BULKHEAD #7, RH
7	1	21A01000-289	ASSY, SIDE PANEL, WHEEL WELL, LT. 2350
	1	21A01158-185	PANEL - LH - WHEEL WELL
	1	13A01156-124	SUPPORT, INSPECTION COVER, WHEEL WELL, LARGE
8	1	21A01000-290	ASSY, SIDE PANEL, WHEEL WELL, RT. 2350
	1	21A01158-186	PANEL - RH - WHEEL WELL
	1	13A01156-124	SUPPORT, INSPECTION COVER, WHEEL WELL, LARGE
9	1	21A01000-292	ASSY, CARRY THRU STRAP, RT, 2350
	1	21A01017-003	CARRY THRU STRAP - LONG - LARGE HOLE - LH
	1	21A01156-131	ANGLE, CARRY THRU, LEFT
10	1	21A01156-125	SPACER, CARRY THRU STRAP, 2350
11	1	21A01326-015	ANGLE, CARRY THRU

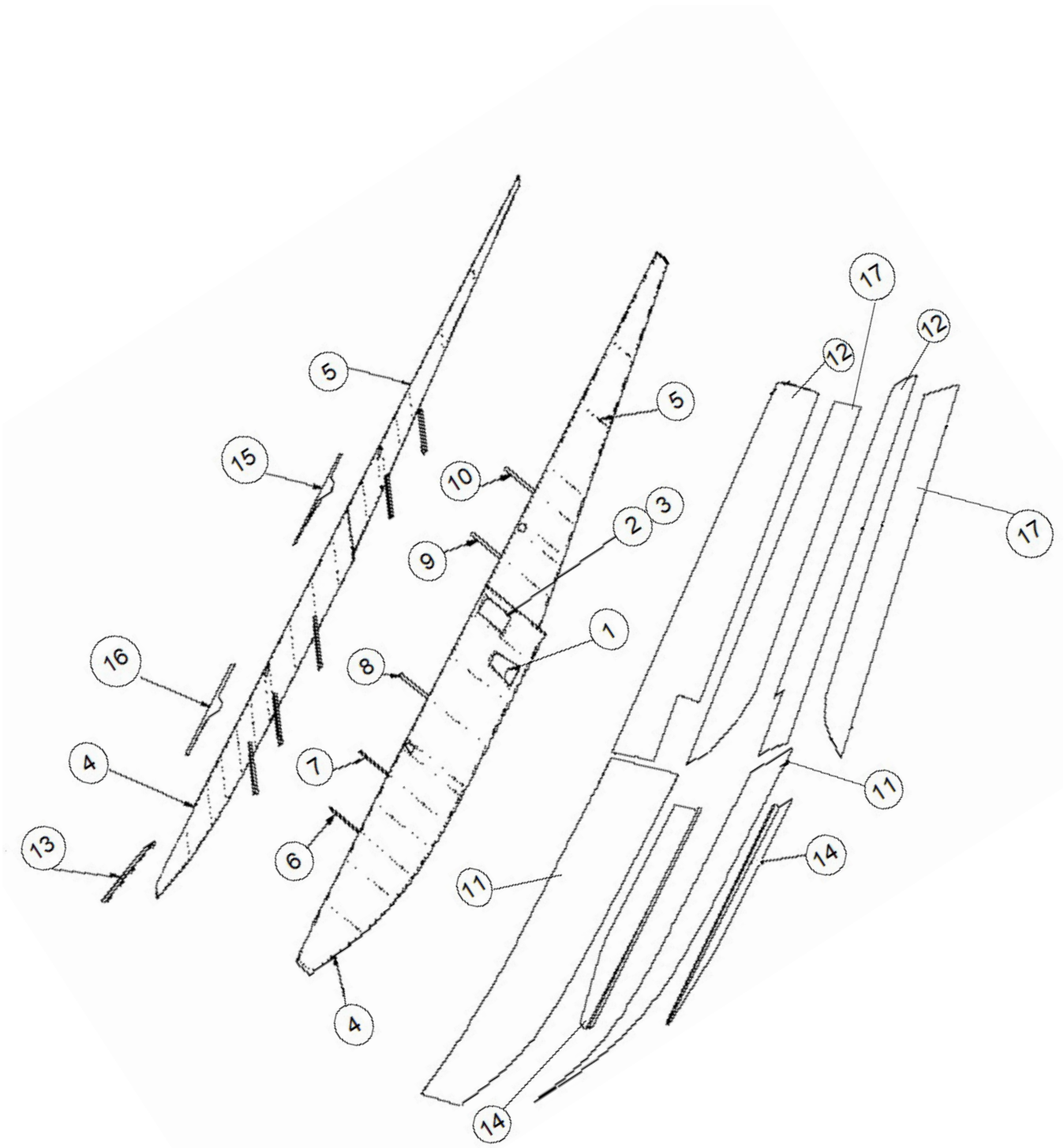
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SECTION 3
SKINS, STIFFENERS, & PADDLE

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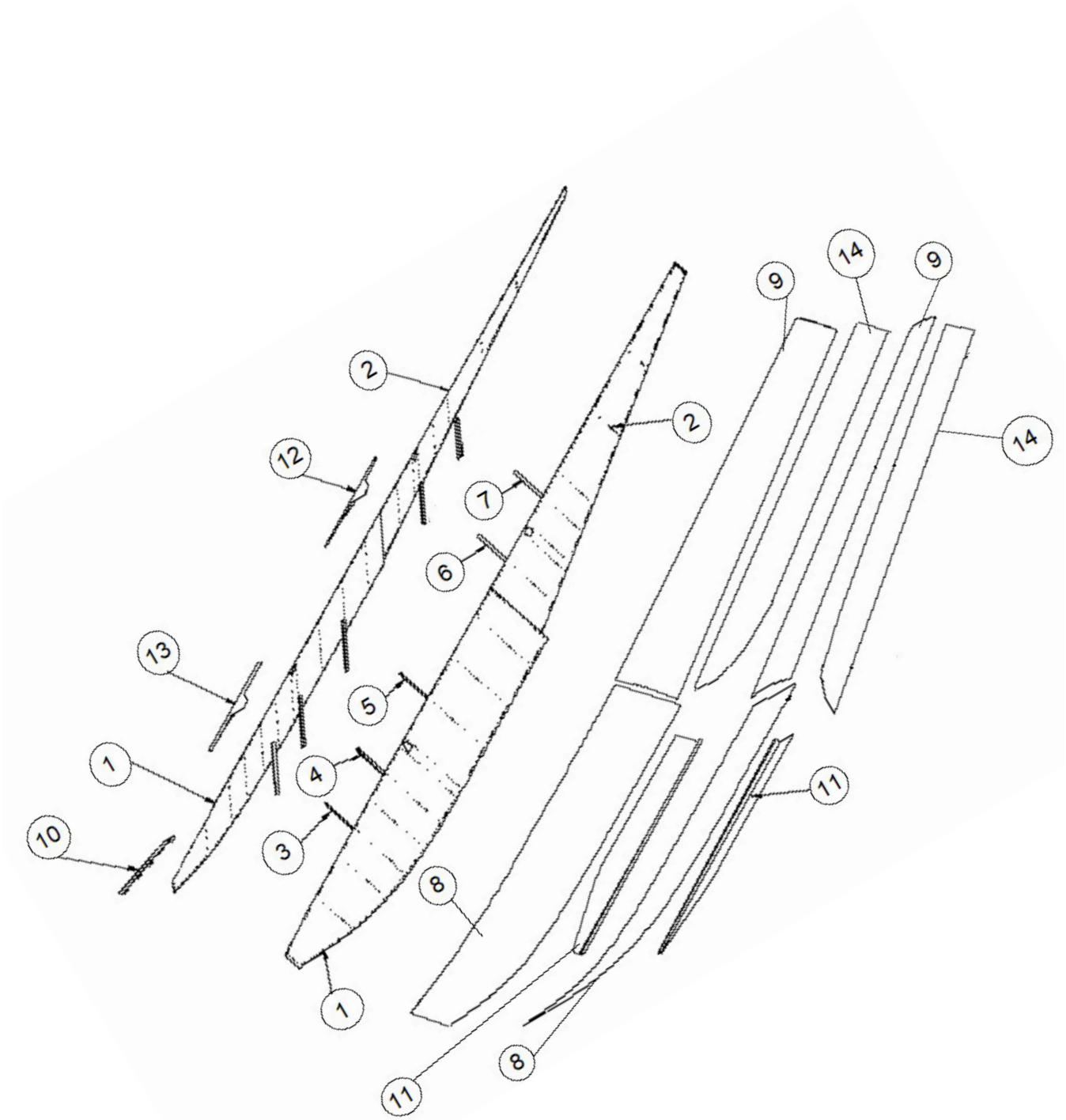
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BOTTOM & SIDE SKINS & STIFFENERS OVERVIEW - AMPHIBIAN



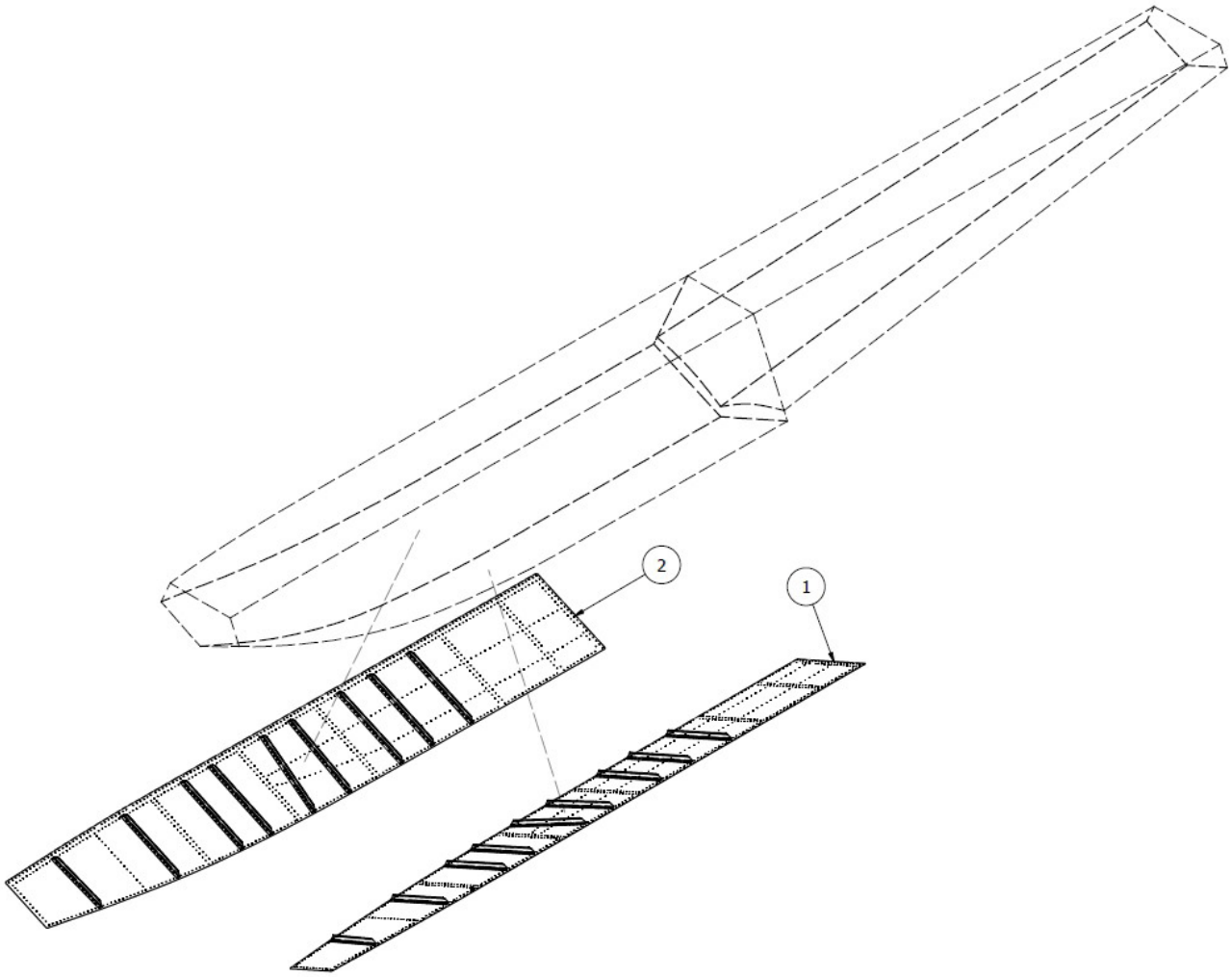
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	3A01000-005	STEP – BOARDING
2	2	21A01156-126	REINFORCEMENT – COVER
3	2	21A01000-427	COVER, SIDE ACCESS ASS'Y
	2	21A01004-101	COVER – INSP.
	56	AN526-632R6	SCREW – ATTACH
	2	21A01567-012	GASKET
4	1	23A01004-109	SIDE SKIN – STEP TO BOW L. OUTBR'D
	1	23A01004-108	SIDE SKIN – STEP TO BOW R. OUTBR'D
	1	23A01004-111	SIDE SKIN – STEP TO BOW L. INBR'D
	1	23A01004-110	SIDE SKIN – STEP TO BOW R. INBR'D
5	1	23A01004-113	SIDE SKIN – STEP TO STERN L. OUTBR'D
	1	23A01004-112	SIDE SKIN – STEP TO STERN R. OUTBR'D
	1	23A01004-115	SIDE SKIN – STEP TO STERN L. INBR'D
	1	23A01004-114	SIDE SKIN – STEP TO STERN R. INBR'D
6	2	23A01340-114	STIFFENER – SIDE SKIN
7	2	23A01340-115	STIFFENER – SIDE SKIN
8	2	23A01340-116	STIFFENER – SIDE SKIN
9	2	23A01340-117	STIFFENER – SIDE SKIN
10	2	23A01340-118	STIFFENER – SIDE SKIN
11	1	1011500	ASSEMBLY, SKIN, BOTTOM, FWD, LEFT, 2350 (SEE DETAIL)
		1011501	ASSEMBLY, SKIN, BOTTOM, FWD, RIGHT, 2350 (SEE DETAIL)
12	1	23A01004-121	BOTTOM SKIN AFTERBODY L.
	1	23A01004-120	BOTTOM SKIN AFTERBODY R.
13	1	21A01000-274	ASS'Y SPRAY RAIL L.
	1	21A01000-275	ASS'Y SPRAY RAIL R.
14	1	21A01000-429	BOOSTER – SISTER KEEL L.
	1	21A01000-428	BOOSTER – SISTER KEEL R.
15	1	21A01162-033	DOUBLER – GUNWALL AFT L.
16	1	21A01162-031	DOUBLER – GUNWALL FWD L.
	1	21A01162-032	DOUBLER – GUNWALL FWD R.
	1	21A01162-034	DOUBLER – GUNWALL AFT R.
17	1	1009446	SCALLOP, FORMED WITH FOAM, RIGHT 2350 S/N 23177 OR LATER
	1	1009539	SCALLOP, FORMED WITH FOAM, LEFT 2350 S/N 23177 OR LATER
18	3	21A01005-270	GUSSET, STIFFENER, BOTTOM (NOT PICTURED)

BOTTOM & SIDE SKINS & STIFFENERS OVERVIEW - SEAPLANE



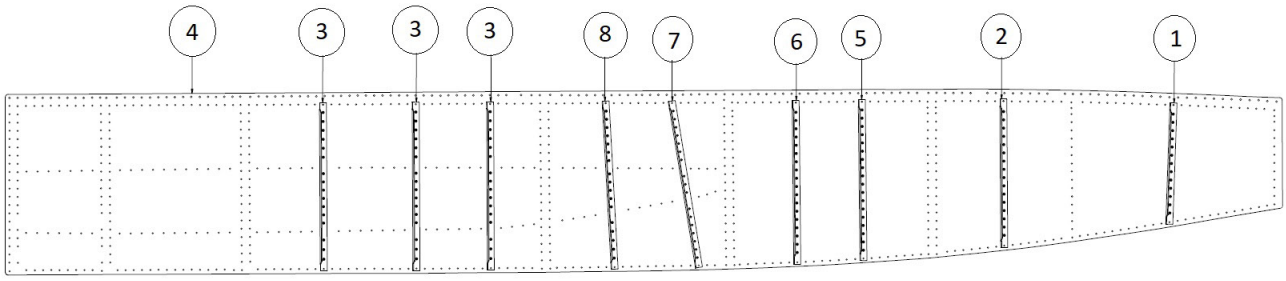
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	23S01004-123	SIDE SKIN – STEP TO BOW L. OUTBR'D
	1	23S01004-122	SIDE SKIN – STEP TO BOW R. OUTBR'D
	1	23S01004-125	SIDE SKIN – STEP TO BOW L. INBR'D
	1	23S01004-124	SIDE SKIN – STEP TO BOW R. INBR'D
2	1	23A01004-113	SIDE SKIN – STEP TO STERN L. OUTBR'D
	1	23A01004-112	SIDE SKIN – STEP TO STERN R. OUTBR'D
	1	23A01004-115	SIDE SKIN – STEP TO STERN L. INBR'D
	1	23A01004-114	SIDE SKIN – STEP TO STERN R. INBR'D
3	2	23A01340-114	STIFFENER – SIDE SKIN
4	2	23A01340-115	STIFFENER – SIDE SKIN
5	2	23A01340-116	STIFFENER – SIDE SKIN
6	2	23A01340-117	STIFFENER – SIDE SKIN
7	2	23A01340-118	STIFFENER – SIDE SKIN
8	1	1011500	ASSEMBLY, SKIN, BOTTOM, FWD, LEFT, 2350 (SEE DETAIL)
		1011501	ASSEMBLY, SKIN, BOTTOM, FWD, RIGHT, 2350 (SEE DETAIL)
9	1	23S01004-133	BOTTOM SKIN AFTERBODY L.
	1	23S01004-132	BOTTOM SKIN AFTERBODY R.
10	1	21A01000-275	ASS'Y SPRAY RAIL L.
	1	21A01000-274	ASS'Y SPRAY RAIL R.
11	1	21A01000-429	BOOSTER – SISTER KEEL L.
	1	21A01000-428	BOOSTER – SISTER KEEL R.
12	1	21A01162-033	DOUBLER – GUNWALL AFT L.
	1	21A01162-034	DOUBLER – GUNWALL AFT R.
13	1	21A01162-031	DOUBLER – GUNWALL FWD L.
	1	21A01162-032	DOUBLER – GUNWALL FWD R.
14	1	1009539	SCALLOP, FORMED WITH FOAM, LEFT, 2350
	1	1009446	SCALLOP, FORMED WITH FOAM, RIGHT, 2350
15	3	21A01005-270	GUSSET, STIFFENER, BOTTOM (NOT PICTURED)

BOTTOM SKIN ASSEMBLIES



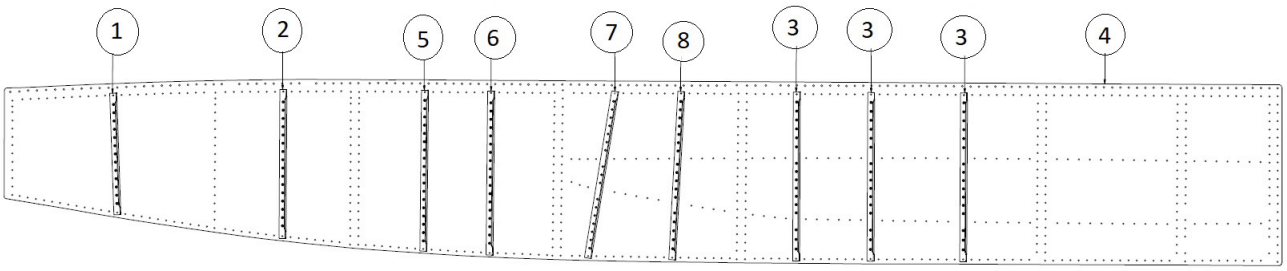
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1011500	ASSEMBLY, SKIN, BOTTOM, FWD, LEFT, 2350 (SEE DETAIL)
2	1	1011501	ASSEMBLY, SKIN, BOTTOM, FWD, RIGHT, 2350 (SEE DETAIL)

BOTTOM SKIN WITH STIFFENERS LEFT



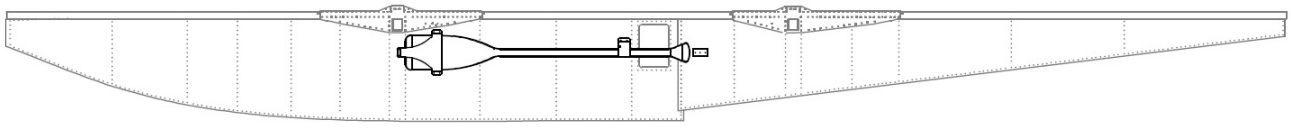
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011500	ASSEMBLY, SKIN, BOTTOM, FWD, LEFT, 2350
1	1	1011412	STIFFENER, BOTTOM SKIN, FWD
2	1	1011413	STIFFENER, BOTTOM SKIN, FWD
3	3	1011420	STIFFENER, BOTTOM SKIN, FWD
4	1	1011422	SKIN, BOTTOM, LH, FWD, 2350
5	1	1011424	STIFFENER, BOTTOM SKIN, FWD
6	1	1011425	STIFFENER, BOTTOM SKIN, FWD
7	1	1011426	STIFFENER, BOTTOM SKIN, FWD
8	1	1011428	STIFFENER, BOTTOM SKIN, FWD

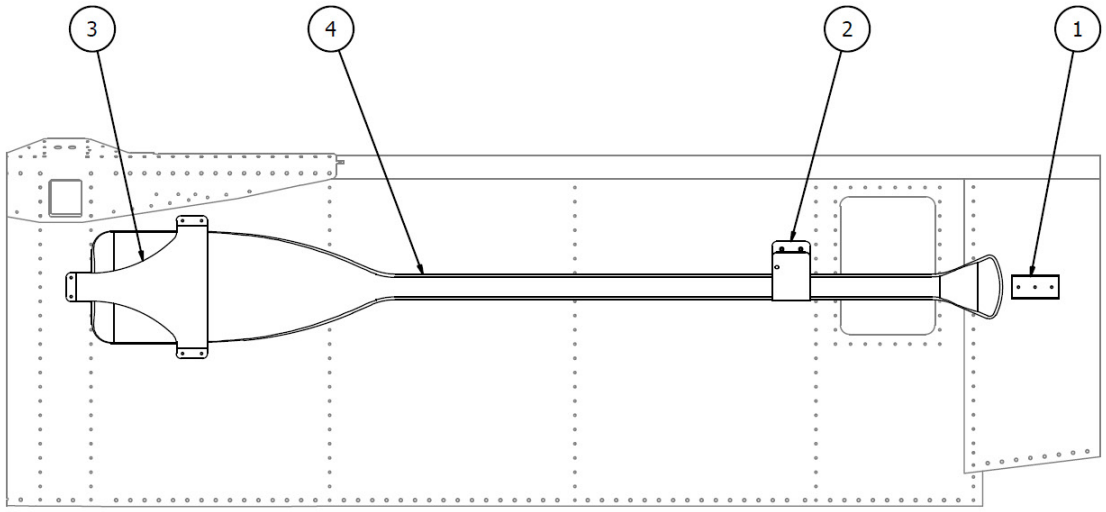
BOTTOM SKIN WITH STIFFENERS RIGHT



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011501	ASSEMBLY, SKIN, BOTTOM, FWD, RIGHT, 2350
1	1	1011412	STIFFENER, BOTTOM SKIN, FWD
2	1	1011413	STIFFENER, BOTTOM SKIN, FWD
3	3	1011421	STIFFENER, BOTTOM SKIN, FWD
4	1	1011423	SKIN, BOTTOM, RH, FWD, 2350
5	1	1011424	STIFFENER, BOTTOM SKIN, FWD
6	1	1011425	STIFFENER, BOTTOM SKIN, FWD
7	1	1011426	STIFFENER, BOTTOM SKIN, FWD
8	1	1011429	STIFFENER, BOTTOM SKIN, FWD

CANOE PADDLE





ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1005676	BRACKET, CANOE PADDLE STOP
2	1	1005677	CLIP, MOUNTING, CANOE PADDLE
3	1	1005678	BRACKET, CANOE PADDLE
4	1	1012326	CANOE PADDLE, 4.0 FT

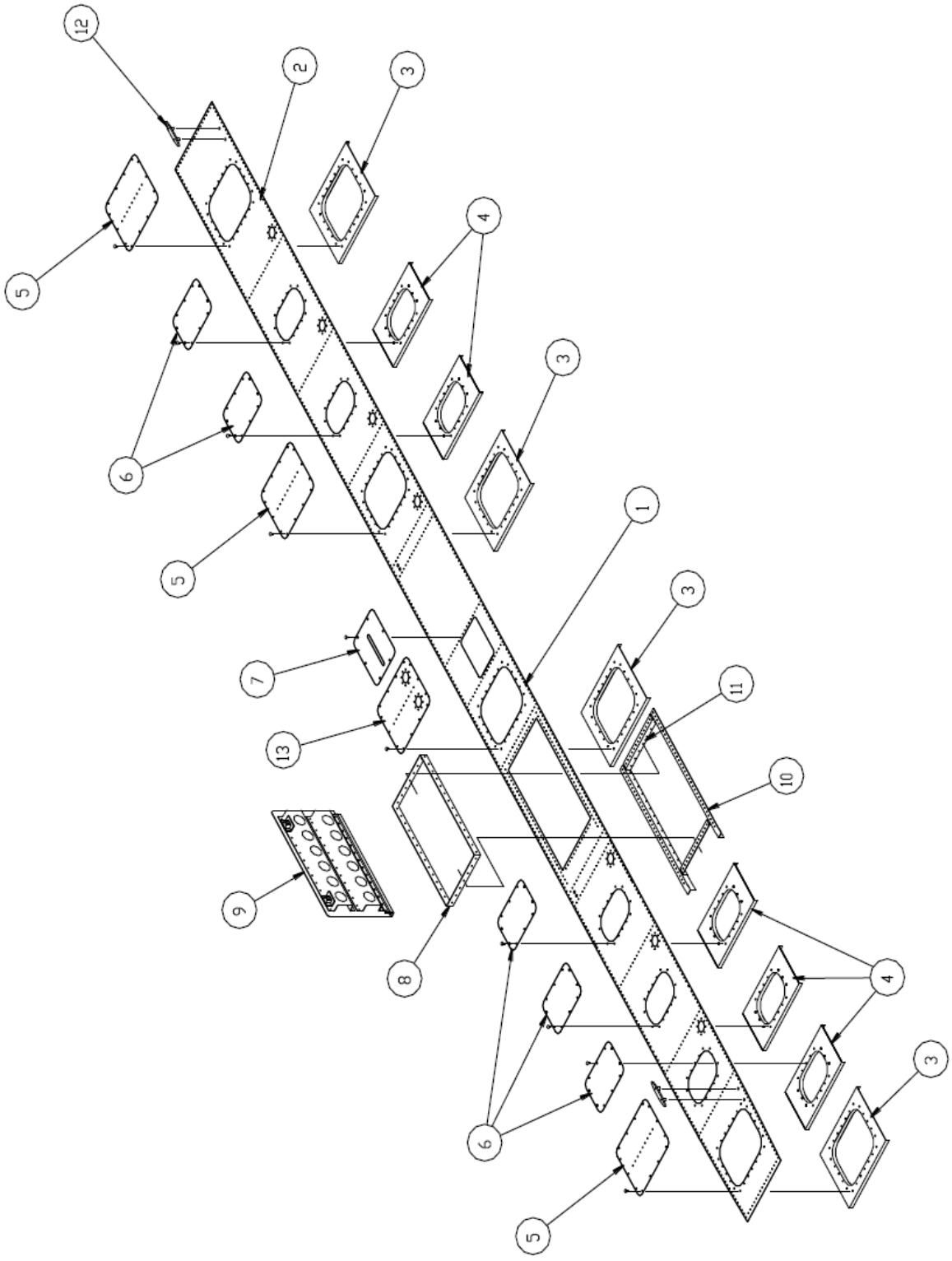
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SECTION 4
TOP DECK ASSEMBLY

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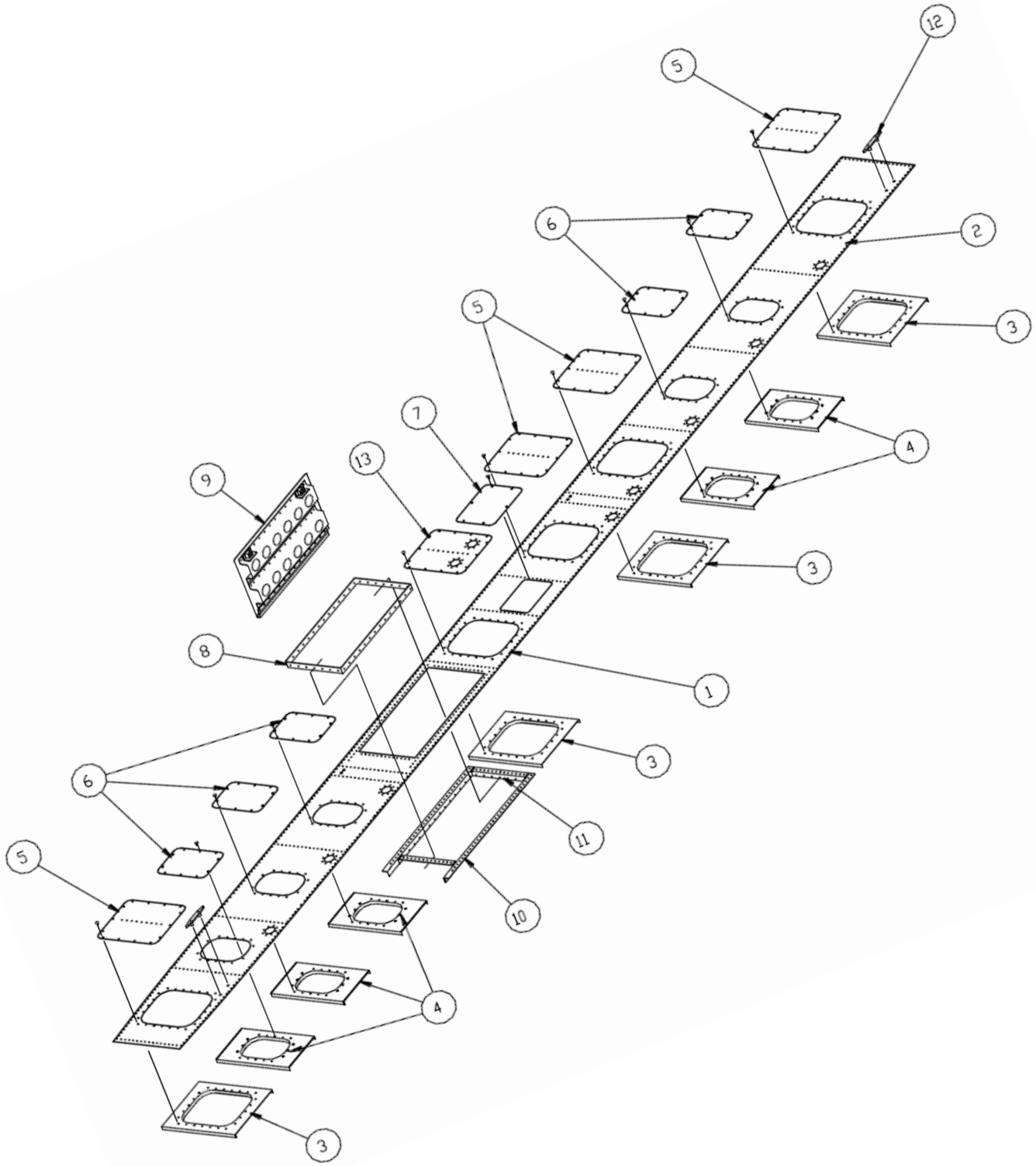
TOP DECK - AMPHIBIAN



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	23A01004-117	SKIN – FWD SECTION L.
	1	23A01004-116	SKIN – FWD SECTION R.
2	1	23A01004-119	SKIN – AFT SECTION L.
	1	23A01004-118	SKIN – AFT SECTION R.
3	4	21A01002-130	SUPPORT – INSP. COVER – LARGE
	A/R	1002481	NUT – TINNERMAN & INSULATOR
4	5	21A01002-131	SUPPORT – INSP. COVER – SMALL
	A/R	1002481	NUT – TINNERMAN & INSULATOR
5	4/3	21A01000-258	INSP. COVER – LARGE – W/ ANGLE & GASKETS
	A/R	SS TATP 8 X 5/8	SCREW – ATTACH
	4/3	1001437	SEAL – GASKET ONLY
	4/3	21A01567-001	SEAL – GASKET ONLY
6	5	21A01000-284	INSP. COVER – SMALL & GASKETS
	A/R	SS TATP 8 X 5/8	SCREW – ATTACH
	5	1001728	SEAL – GASKET ONLY
	5	21A01567-002	SEAL – GASKET ONLY
7	1	1009202	COVER, GEAR INDICATOR
	1	1009122	PLACARD, GEAR INDICATOR, RH
	1	1009123	PLACARD, GEAR INDICATOR, LH
	2	2600-3	SCREW – CAM - LOK
	2	1126000-4	STUD, PROTRUDING HEAD
	2	1126000-5	AIR LOC / CAMLOC STUD, PROTRUDING HEAD
	6	212-12	RECEPTACLE – CAM – LOK
8	1	21A01150-131	JAMB – BAGGAGE DOOR
	1	1002067	JAMB – HINGE SIDE
9	1	21A01000-268	ASSY – BAGGAGE DOOR
	1	21A01162-035	COVER - SKIN
	1	21A01741-004	HINGE
	1	1002186	HINGE PIN
	2	21A01010-012	STIFFENER - DOOR
	2	21A01004-106	STIFFENER ENDS
	2	3A01206-001	RETAINER - LOCK
	2	3A01273-004	LOCK PIN
	2	3A01702-004	CATCH – LATCH
	2	3A01525-003	LOCK SPRING
	2	1002663	RING – OPENING
	1	1001438	SEAL – GASKET (NOT SHOWN) BAGGAGE HUTCH
	12	01692-0410	POP RIVET
	2	10/32 X ½ SS	BOLT
10	1	21A01326-003	TOP RAIL – BAGGAGE OPENING L.
	1	21A01326-002	TOP RAIL – BAGGAGE OPENING R.

ITEM	QTY	PART NO.	PART DESCRIPTION
11	2	1013020	CROSS TIE, TOPDECK, BAGGAGE
12	2	21A01203-001	CLEAT – TIE DOWN
	4	21A01280-004	BUSHING
	4	AN525-10R24	SCREW – ATTACH
13	1	21A01000-273	INSP. COVER – LARGE – W/ ANGLE (2 CUPS) & GASKETS
	A/R	SS TATP 8 X 5/8	SCREW – ATTACH
	1	1001437	SEAL – GASKET ONLY

TOP DECK - SEAPLANE



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	23S01004-139	SKIN – FWD SECTION L.
	1	23S01004-138	SKIN – FWD SECTION R.
2	1	23S01004-141	SKIN – AFT SECTION L.
	1	23S01004-140	SKIN – AFT SECTION R.
3	5	21A01002-130	SUPPORT – INSP. COVER - LARGE
	A/R	1002481	NUT – TINNERMAN & INSULATOR
4	5	21A01002-131	SUPPORT – INSP. COVER – SMALL
	A/R	1002481	NUT – TINNERMAN & INSULATOR
5	5	21A01000-258	INSP. COVER – LARGE – W/ ANGLE & GASKETS
	A/R	SS TATP 8 X 5/8	SCREW – ATTACH
	5	1001437	SEAL – GASKET ONLY
	5	21A01567-001	SEAL – GASKET
6	5	21A01000-284	INSP. COVER – SMALL & GASKETS
	A/R	SS TATP 8 X 5/8	SCREW – ATTACH
	5	1001728	SEAL – GASKET ONLY
	5	21A01567-002	SEAL – GASKET
7	1	21S01000-399	COVER W/ GASKET
	1	21S01567-013	SEAL – GASKET
	A/R	SS TATP 8 X 5/8	SCREW – ATTACH
	A/R	1002481	NUT – TINNERMAN & INSULATOR
	2	1013025	CROSS TIE, TOPDECK
8	1	21A01150-131	JAMB – BAGGAGE DOOR
	1	1002067	JAMB – BAGGAGE DOOR, HINGE SIDE
9	1	21A01000-268	ASSY – BAGGAGE DOOR
	1	21A01162-035	COVER – SKIN
	1	21A01741-004	HINGE
	2	21A01010-012	STIFFENER – DOOR
	1	1002186	HINGE PIN
	2	21A01004-106	STIFFENER ENDS
	2	3A01206-004	RETAINER – LOCK
	2	3A01273-004	LOCK PIN
	2	3A01702-001	CATCH – LATCH
	2	3A01525-003	LOCK SPRING
	2	1002663	RING – OPENING
	1	1001438	SEAL – GASKET (NOT SHOWN)
	12	01692-0410	POP RIVET
	2	10/32 X ½ SS	BOLT
10	1	21A01326-003	TOP RAIL – BAGGAGE OPENING L.
	1	21A01326-002	TOP RAIL – BAGGAGE OPENING R.
11	1	1013020	CROSS TIE, TOPDECK, BAGGAGE
12	2	21A01203-001	CLEAT – TIE DOWN

ITEM	QTY	PART NO.	PART DESCRIPTION
	4	21A01280-004	BUSHING
	4	AN525-10R24	SCREW – ATTACH
13	1	21A01000-273	INSP. COVER – LARGE – W/ ANGLE (2 CUPS) & GASKETS
	A/R	SS TATP 8 X 5/8	SCREW – ATTACH
	1	1001437	SEAL – GASKET ONLY

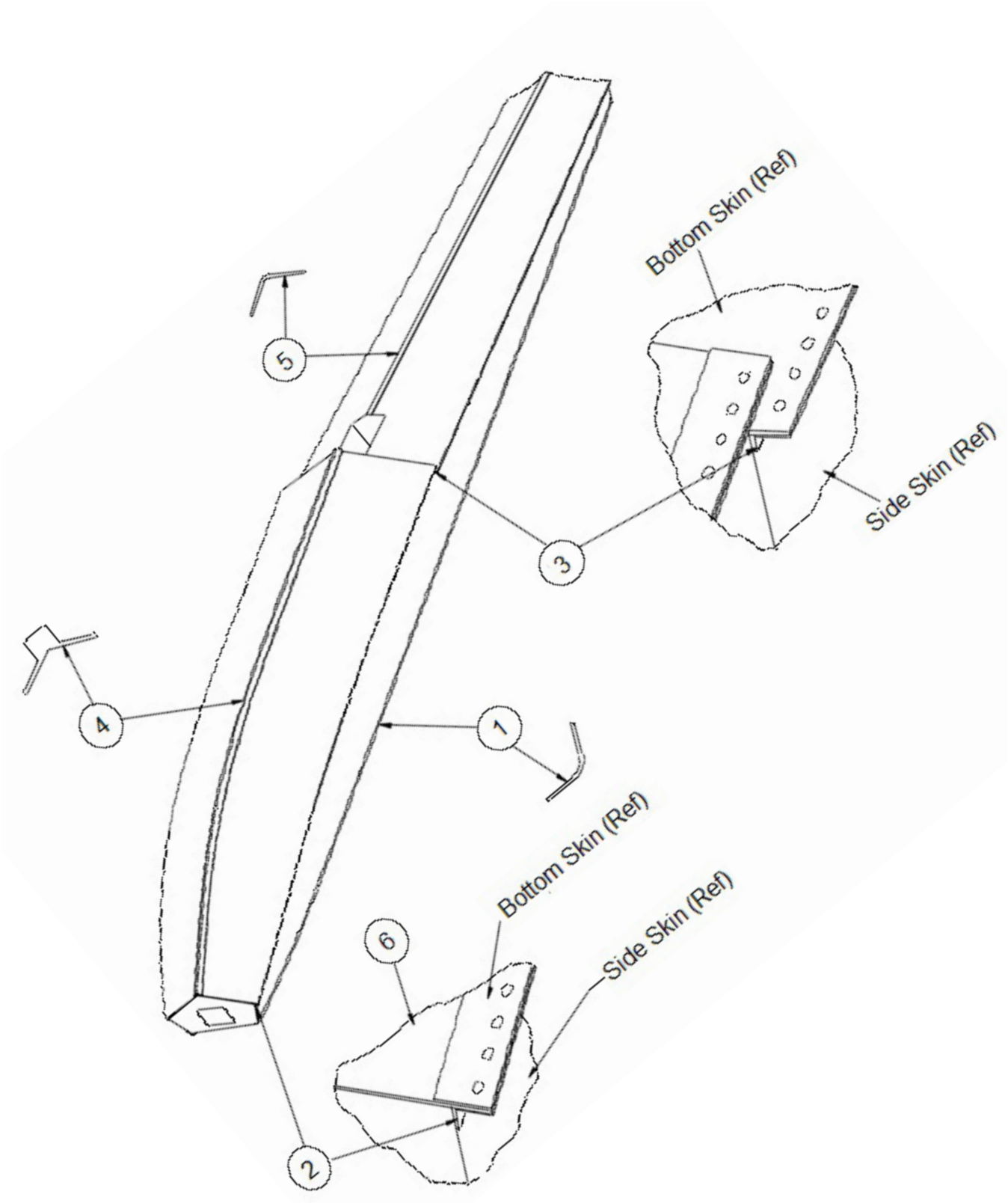
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SECTION 5
EXTRUSIONS

CONTENTS

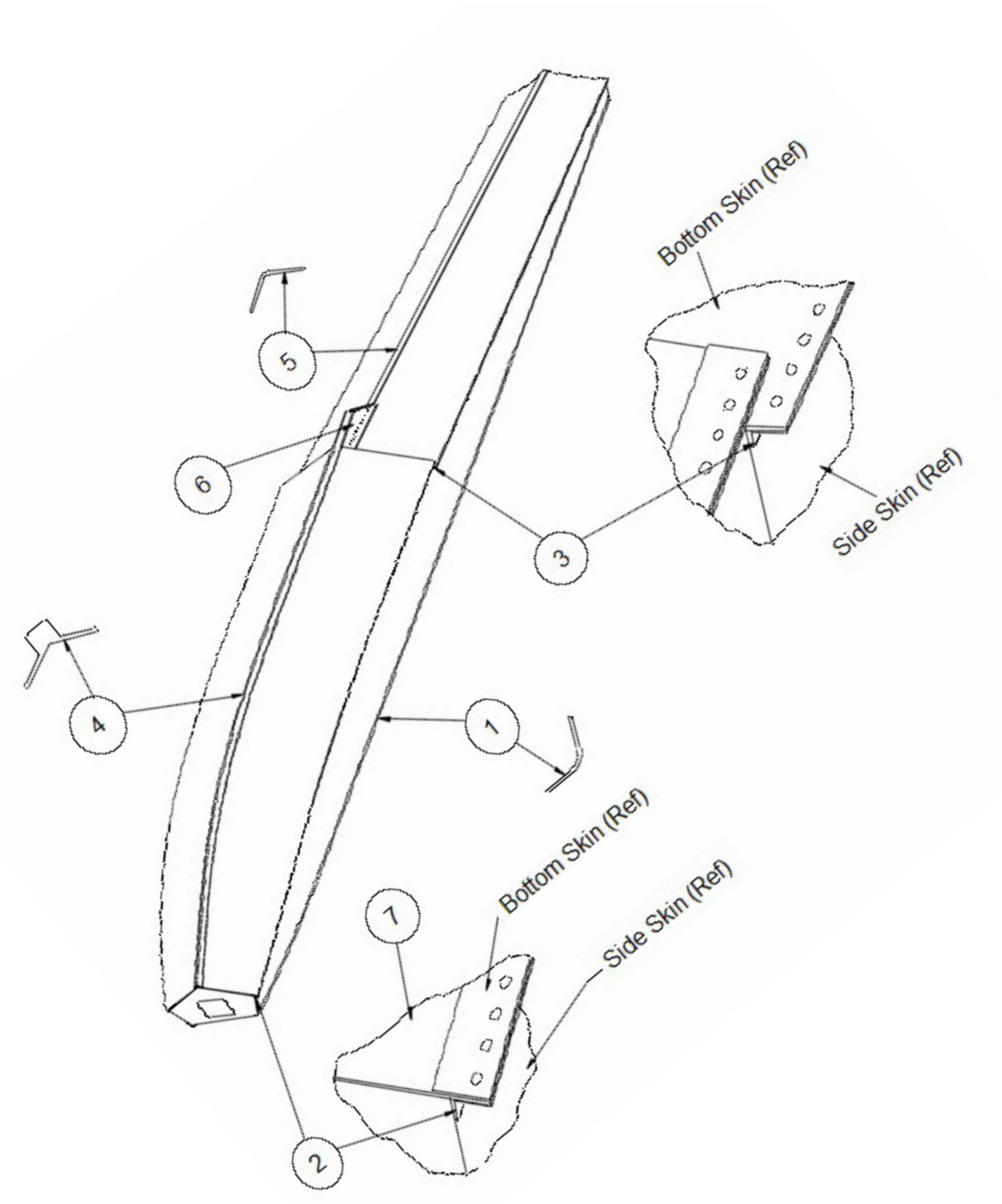
HULL EXTRUSIONS - AMPHIBIAN 60
HULL EXTRUSIONS - SEAPLANE 62

HULL EXTRUSIONS - AMPHIBIAN



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	23A01324-003	GUNWALL – L.
	1	23A01324-004	GUNWALL – R.
2	1	23A01340-013	CHINE - FWD L.
	1	23A01340-012	CHINE – FWD R.
3	1	23A01340-011	CHINE – AFTERBODY L.
	1	23A01340-010	CHINE – AFTERBODY R.
4	1	23A01321-002	KEEL - MAIN
5	1	23A01008-170	KEEL - AFTERBODY
6	1	23A01005-295	STRAP – CHINE L.
	1	23A01005-296	STRAP – CHINE R.

HULL EXTRUSIONS - SEAPLANE



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	23A01324-003	GUNWALL – L.
	1	23A01324-004	GUNWALL – R.
2	1	23A01340-013	CHINE - FWD L.
	1	23A01340-012	CHINE – FWD R.
3	1	23A01340-011	CHINE – AFTERBODY L.
	1	23A01340-010	CHINE – AFTERBODY R.
4	1	23S01321-003	KEEL - MAIN
5	1	23S01008-173	KEEL - AFTERBODY
6	1	1013018	ASSEMBLY, GUSSET, AFTERBODY, RF
	1	1013019	ASSEMBLY, GUSSET, AFTERBODY, LF
	1	21S01163-037	ANGLE SUPPORT – AFTERBODY L.
	1	21S01163-038	ANGLE SUPPORT – AFTERBODY R.
7	1	23A01005-295	STRAP - CHINE L.
	1	23A01005-296	STRAP – CHINE R.

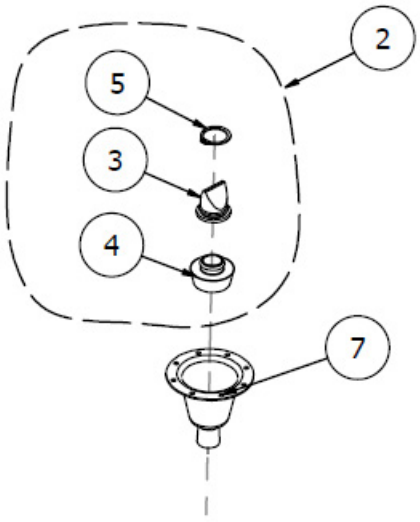
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SECTION 6
PUMPOUT CUP AND TUBE & FLOAT HAND PUMP

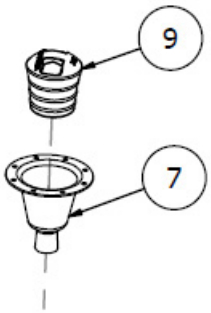
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PUMPOUT CUP AND TUBE 66
FLOAT HAND PUMP 68

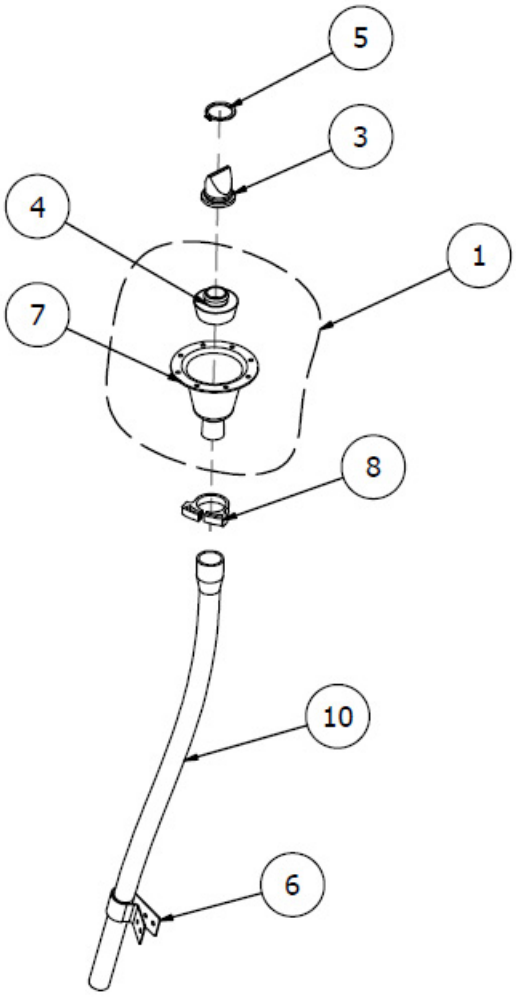
PUMPOUT CUP AND TUBE



DUCKBILL VALVE
RETROFIT



STOPPER



CUP ASSEMBLY
& TUBE

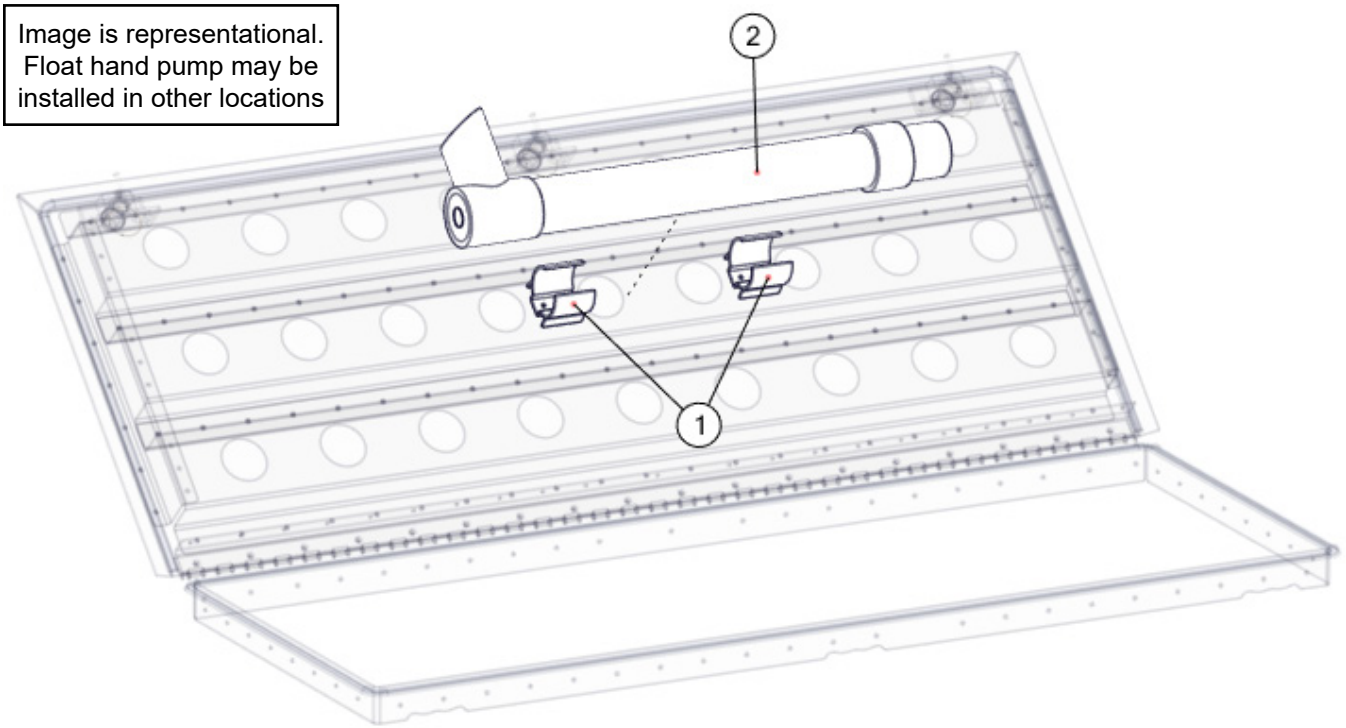
ITEM	QTY	PART NO.	PART DESCRIPTION	NOTE
1	1	1011004	ASSEMBLY, CUP, PUMPOUT, DUCKBILL	
2	1	1011075	KIT, PUMPOUT PLUG, DUCKBILL	1
3	1	1011870	VALVE, DUCKBILL	
4	1	1011808	RETAINER, VALVE, DUCKBILL, PUMPOUT PLUG	
5	1	91590A129	RETAINING RING, EXTERNAL, 13/16 OD, STAINLESS	
6	1	3A01158-003	CLAMP, PUMPOUT TUBE	
7	1	4A01749-001	CUP, PUMPOUT	
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
	10.5 IN	RM618	PUMPOUT TUBE	
	12.5 IN	RM618	PUMPOUT TUBE	
	15 IN	RM618	PUMPOUT TUBE	
	17.5 IN	RM618	PUMPOUT TUBE	
	23 IN	RM618	PUMPOUT TUBE	
	21.5 IN	RM618	PUMPOUT TUBE	
	18.5 IN	RM618	PUMPOUT TUBE	

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



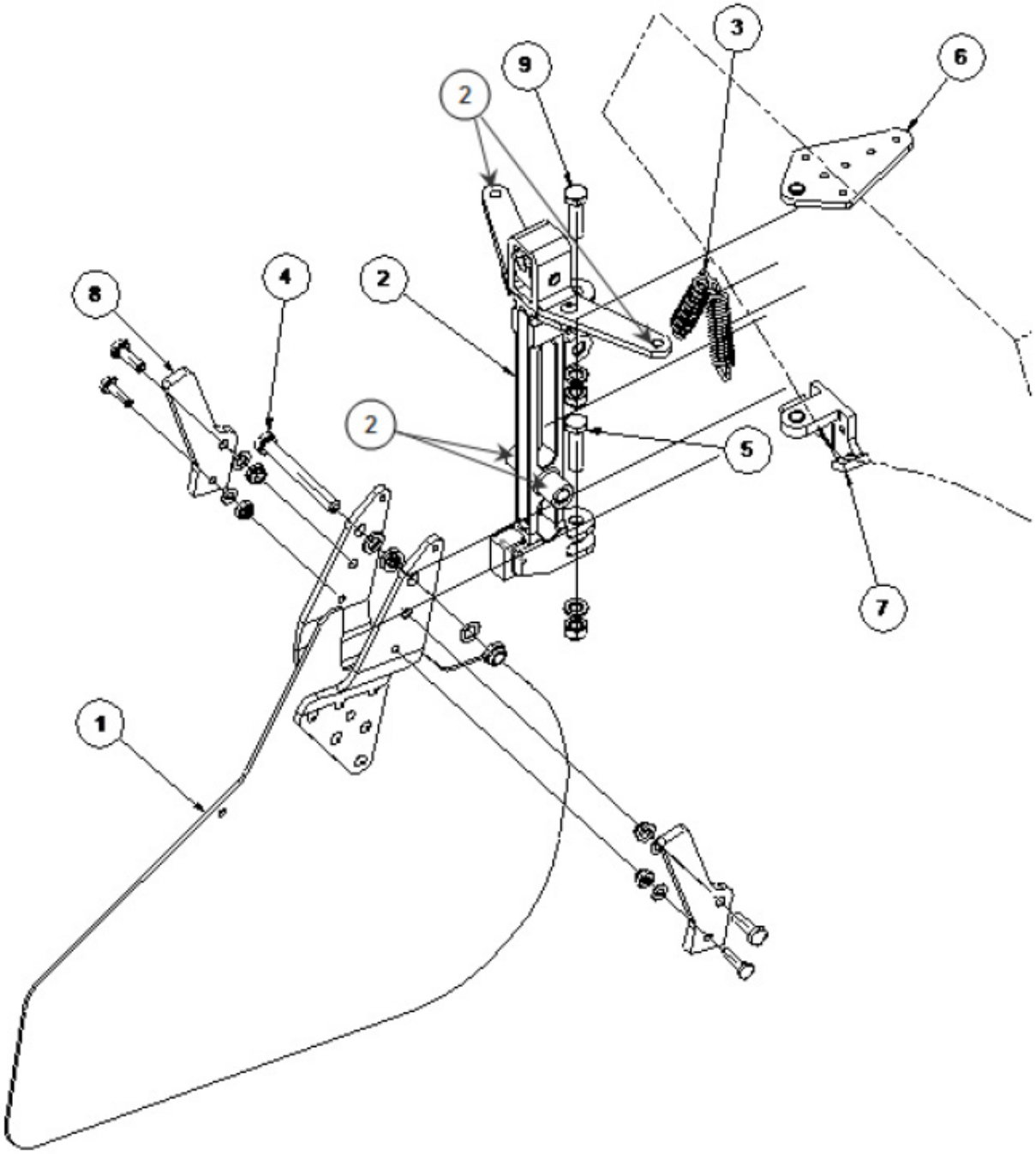
ITEM	QTY	PART NO.	PART DESCRIPTION
1	2	CM-2	CLIP, PLASTIC, PUMPOUT (SCREWS INCLUDED, MAY BE RIVETED IN)
2	1	F15PX	PUMP, HAND, FLOAT, 15"
2 (ALT)	1	F24PX	PUMP, HAND, FLOAT, 24"
2 (ALT)	1	F36PX	PUMP, HAND, FLOAT, 36"

SECTION 7
WATER RUDDER AND STEERING & RETRACT SYSTEM

CONTENTS

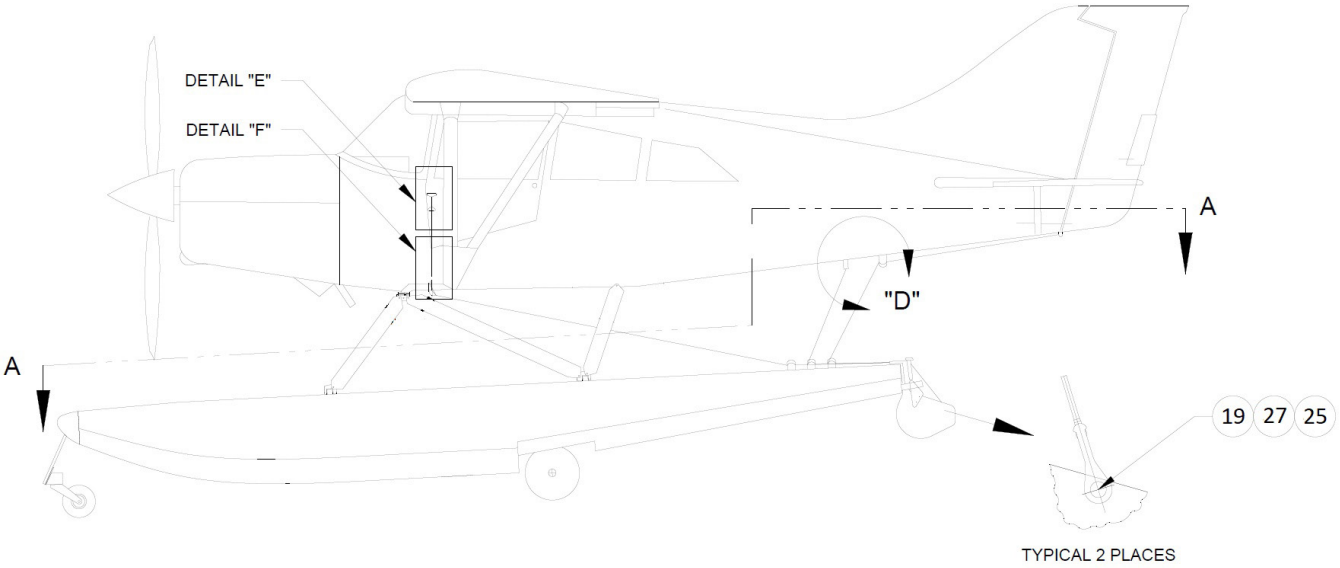
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STEERING AND RETRACT SYSTEM 72

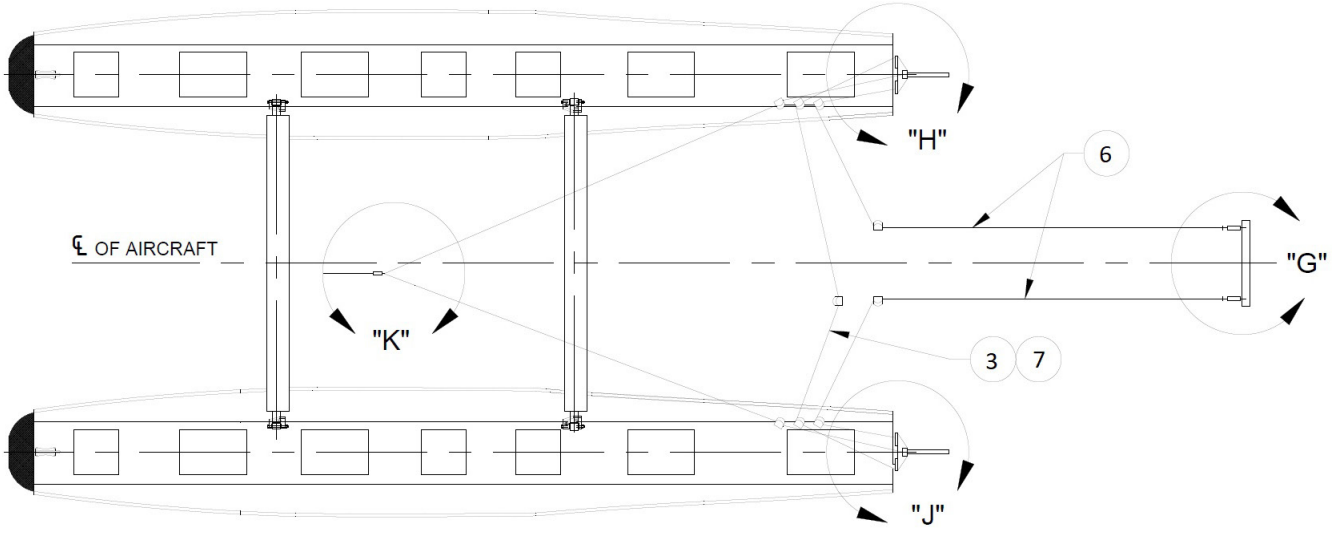
WATER RUDDER INSTALLATION



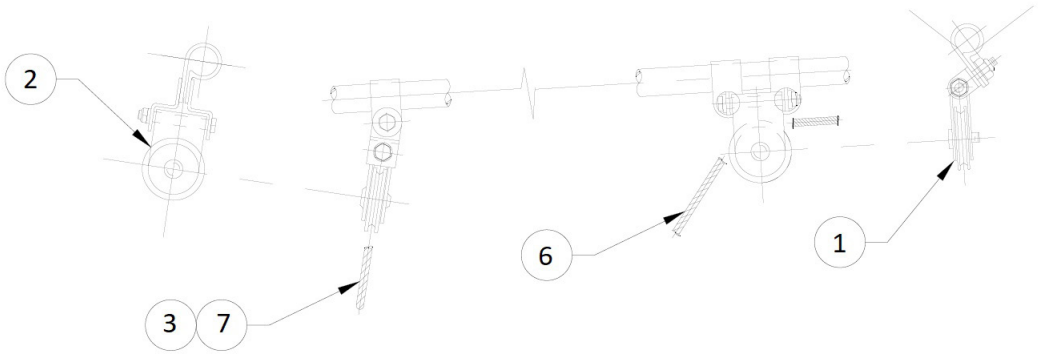
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	21A08000-123	ASS'Y., BLADE
	1	1002649	WATER RUDDER BLADE 2350
	1	21A08019-001	ARM, L.
	1	21A08019-002	ARM, R.
2	1	1003859	ASSY, WATER RUDDER POST, W/BELLCRANK, 2350
	1	1003855	ASSY, WATER RUDDER POST, 2350
	1	1003271	WATER RUDDER POST, 2350
	4	05DU06	BUSHING, SELF LUBRICATING, .313 ID X .375 LONG
	1	1003853	BELLCRANK, WATER RUDDER POST ASSEMBLY
	1	1003274	BELLCRANK, WATER RUDDER POST
	2	03DU04	SELF LUBRICATING BUSHINGS
	1	21A08648-002	BUMPER, DOWN STOP
	1	1001457	ROLL PIN
	1	21A8602-009	GUIDE, RETRACT
	1	5/16 X 1 ½ INCHES	PIN ATTACH
3	2	21A08525-006	SPRING
4	1	AN5-25A	BOLT, 5/16-24, 2.1875 GRIP, UNDRILLED, STEEL
	3	NAS1149D0516J	WASHER, 0.328 ID, 0.016 THK, ALUMINUM
	1	NAS 1149D0563J	WASHER, 0.328 ID, 0.063 THK, ALUMINUM
	1	MS21083N5	NUT, LOCKING, LOW HEIGHT, 5/16-24 UNF
5	1	AN5-11A	BOLT, 5/16-24, 0.6875 GRIP, UNDRILLED, STEEL
	A/R	NAS1149D0563J	WASHER, 0.328 ID, 0.063 THK, ALUMINUM
	1	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF
6	1	21A01000-299	ASS'Y., TOP BEARING
	1	21A01019-003	BRACKET, TOP RUDDER BEARING
	1	21A01705-003	BUSHING, TOP RUDDER PLATE
7	1	21A08000-157	ASS'Y., LOWER BEARING
	1	21A08318-002	BRACKET - WATER RUDDER, LOWER PIVOT
	1	05DU06	BUSHING, SELF LUBRICATING, .313 ID X .375 LONG
8	2	23A08234-003	STOP, WATER RUDDER, UP
	2	AN4-6A	BOLT, 1/4-28, 0.3125 GRIP, UNDRILLED, STEEL
	2	NAS1149D0416J	WASHER, 0.265 ID, 0.016 THK, ALUMINUM
	2	MS21083N4	NUT, LOCKING, LOW HEIGHT, 1/4-28 UNF
	2	AN3-6A	BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL
	2	NAS1149D0316J	WASHER, 0.203 ID, 0.016 THK, ALUMINUM
	2	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
9	1	AN5-12A	BOLT SIZE 5/16-24, LNGTH +/- 1/64 - 1-11/32, GRIP LNGTH 13/16
	A/R	NAS1149D0563J	WASHER, 0.328 ID, 0.063 THK, ALUMINUM
	1	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF

STEERING AND RETRACT SYSTEM

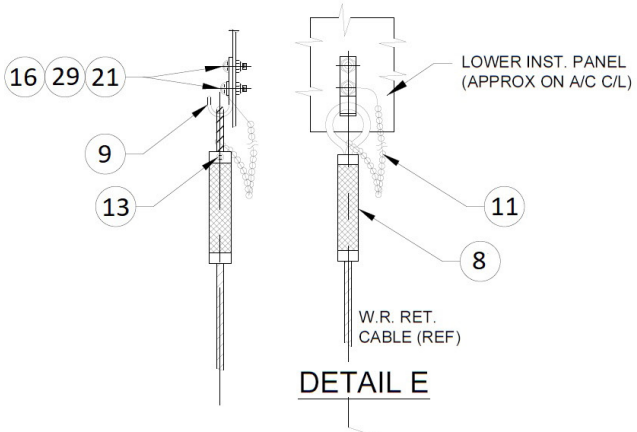




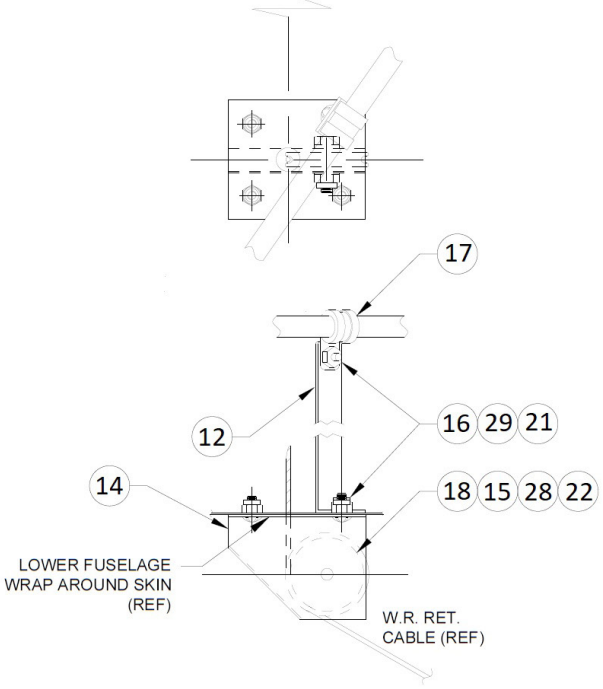
SECTION A-A



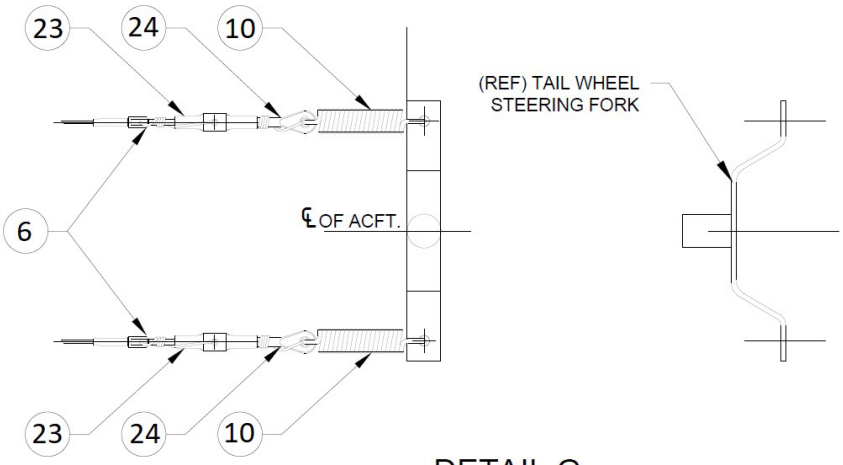
DETAIL D
TYP 2 PLACES



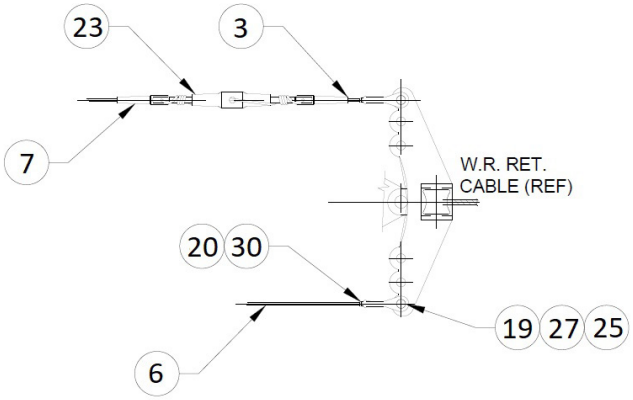
DETAIL E



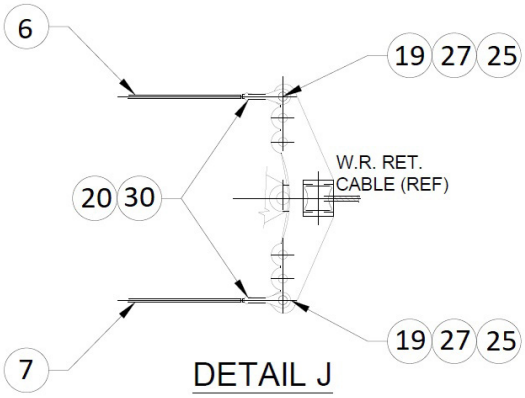
DETAIL F



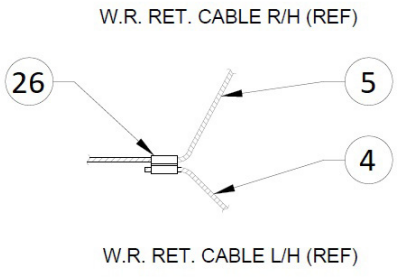
DETAIL G



DETAIL H



DETAIL J



DETAIL K

ITEM	QTY	PART NO.	PART DESCRIPTION
1	2	21A08000-124	ASSEMBLY, RUDDER CABLE PULLEY
2	1	21A08000-126	PULLEY ASSY.RUDDER CABLE(21,23)
3	1	21A08000-132	CABLE ASSY. BALANCE 2 IN
4	1	21A08000-133	ASSEMBLY, RETRACT CABLE, LH
5	1	21A08000-134	ASSEMBLY, RETRACT CABLE, RH
6	2	21A08000-135	ASSEMBLY, STEERING CABLE
7	1	21A08000-136	ASSEMBLY, BALANCE CABLE
8	1	21A08274-007	HANDLE, ROUND, RETRACT
9	1	21A08487-001	RETAINER CLIP,WATER RUDDER RETRACT(21,23,3)
10	2	21A08525-005	SPRING, RUDDER HORN EXTENSION(21,23)
11	1	21A08747-001	RETRACT CHAIN (21,23)
12	1	23A12163-070	SUPPORT, WATER RUDDER PULLEY,(23,3)(MAULE)
13	1	33056	COUPLING SET SCREW, 10/32 X 1/4, 3/16" DIA
14	1	3A08151-046	WATER RUDDER RETRACT, BRACKET
15	1	AN4-7A	BOLT
16	7	AN526-832R12	SCREW
17	1	AN742-14C	CLAMP
18	1	MS20219-2	PULLEY
19	6	MS20392-2C13	PIN, CLEVIS, 3/16" DIA, 13/32" GRIP, ALLOY STEEL
20	3	MS20664C3	BALL & SHANK, CABLE END
21	7	MS21044N08	NUT
22	1	MS21044N4	NUT
23	3	MS21251B3S	TURNBUCKLE, BARREL, 10-32 THREAD
24	2	MS21255-3RS	TURNBUCKLE CABLE EYE
25	6	MS24665-151	PIN, COTTER, 1/16" DIA
26	1	MS51844-43	NICOPRESS SLEEVE
27	6	NAS1149F0363P	WASHER
28	1	NAS1149F0463P	WASHER
29	7	NAS1149FN832P	WASHER
30	3	NAS1435K3	STRAP, FORK END

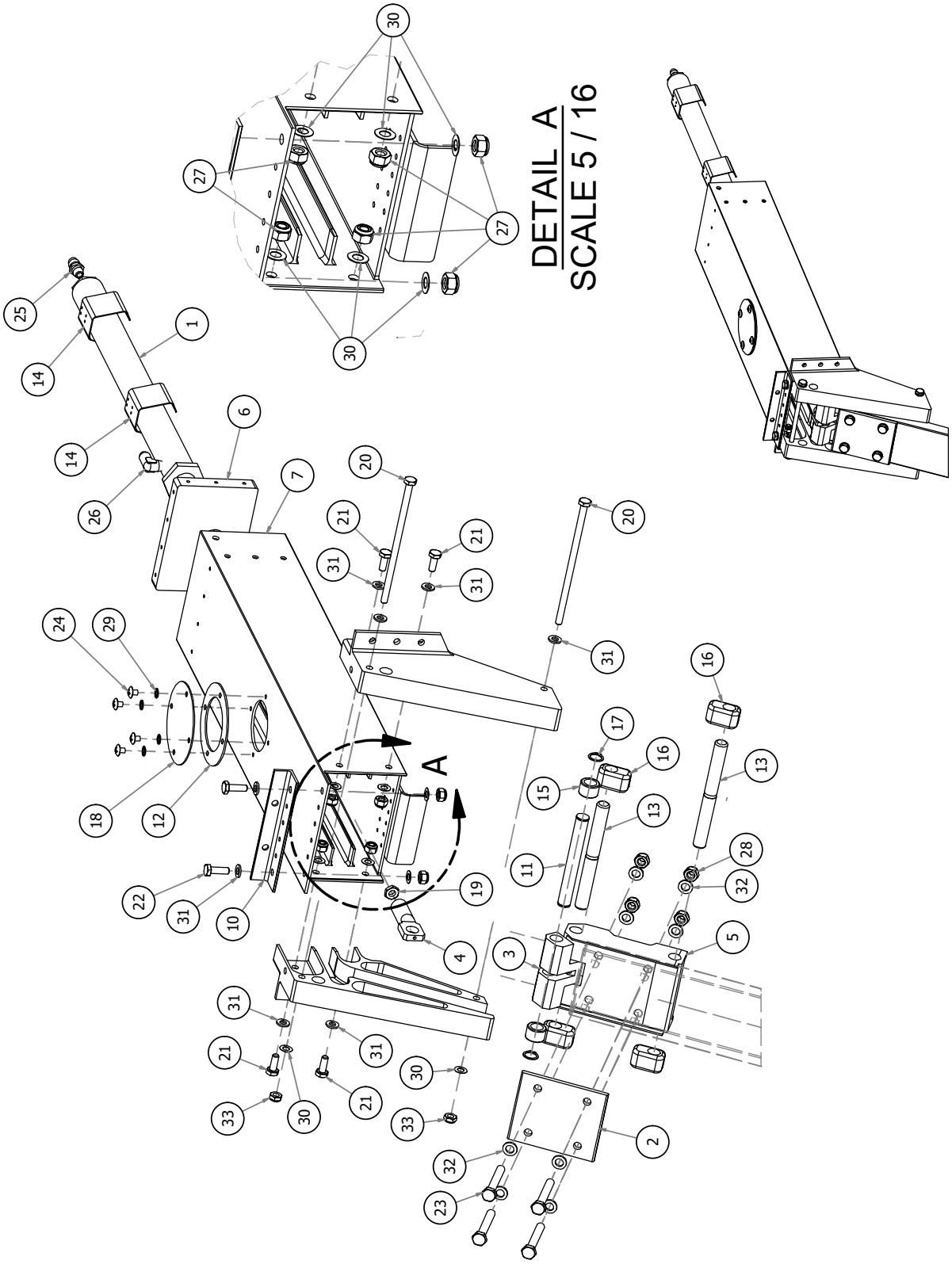
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SECTION 8
LANDING GEAR

CONTENTS

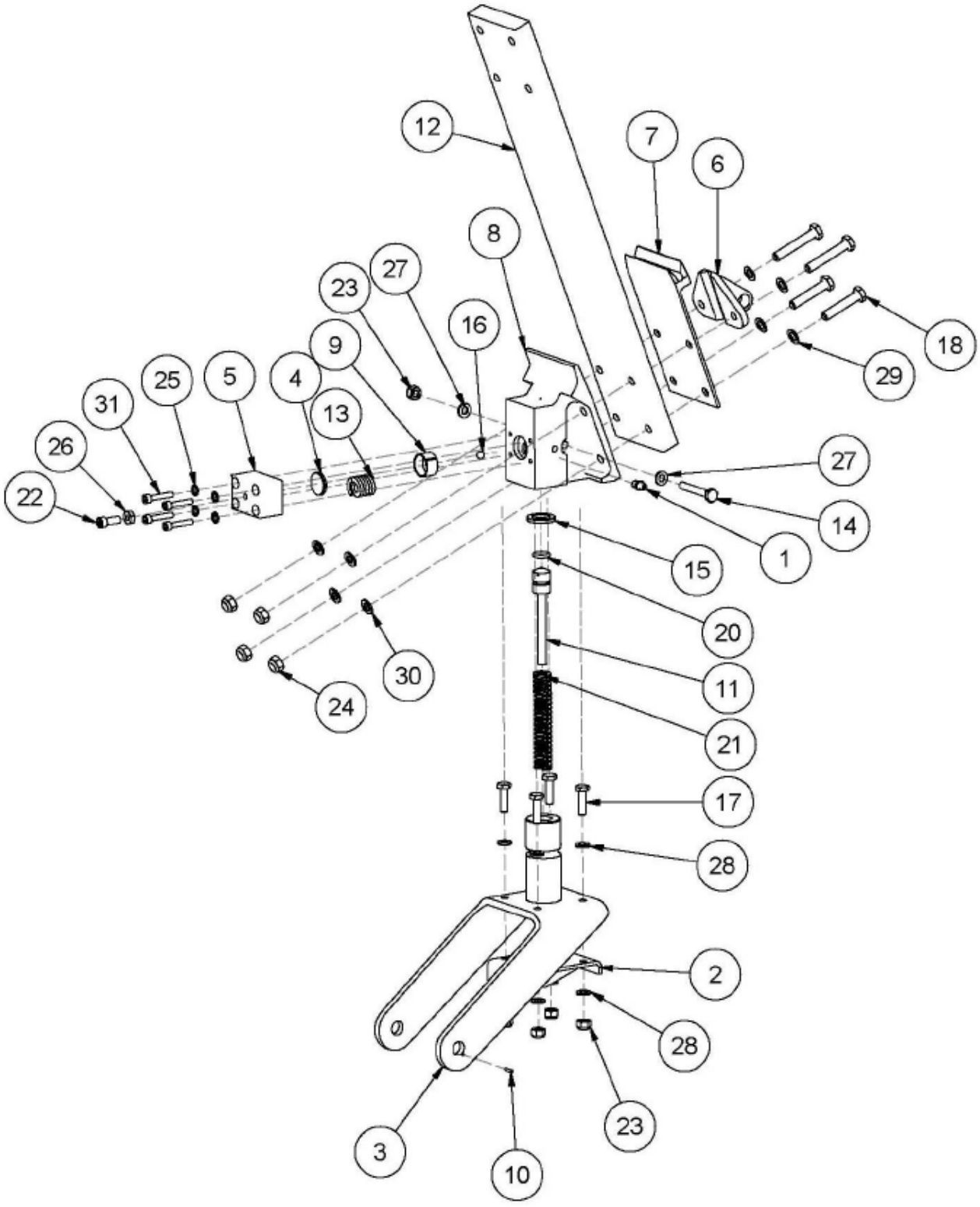
NOSE GEAR RETRACTION ASSEMBLY....78
NOSE GEAR LOWER ASSEMBLY....80
NOSE WHEEL ASSEMBLY (GROVE ONLY)....82
NOSE WHEEL ASSEMBLY (PARKER ONLY)....84
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NOSE GEAR RETRACTION ASSEMBLY



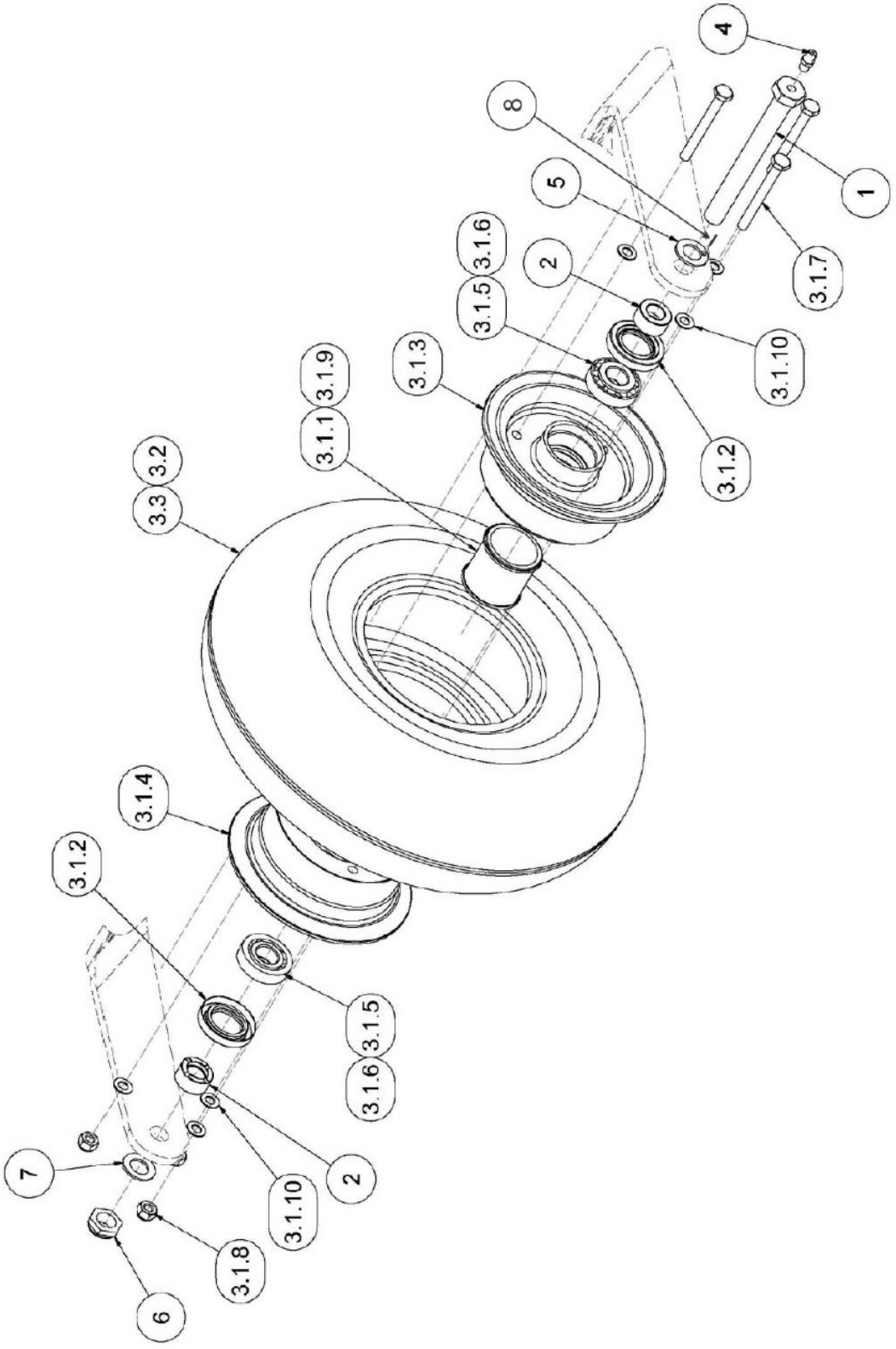
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1002571	CYLINDER, NOSE GEAR, 2100/2350
2	1	21A06166-001	PLATE - BEARING, NOSE SPRING
3	1	21A07032-005	LINK - TROLLEY, NOSE GEAR
4	1	21A07094-002	END - ROD, CYLINDER, NOSE GEAR
5	1	21A07187-009	TROLLEY - NOSE GEAR
6	1	21A07237-002	END CAP, NOSE BOX
7	1	21A07323-001	BOX, NOSE GEAR
8	1	21A07349-003	END, NOSE BOX, TRACK
9	1	21A07349-004	END, NOSE BOX, TRACK
10	1	21A07359-194	EXTRUSION, ANGLE
11	1	21A07509-007	AXLE, TROLLEY LINK
12	1	30A07567-011	GASKET, COVER, NOSE BOX, 2100 AND 3000
13	2	34A07509-008	AXLE, TROLLEY
14	2	3A07005-178	CLIP, SWITCH, NOSE & MAIN
15	2	3A07530-001	BEARING - TROLLEY, NOSE GEAR
16	4	3A07604-001	BLOCK, SLIDE, TROLLEY, NOSE GEAR
17	2	5100-46-H	SNAP RING
18	1	8A01008-080	COVER, BULKHEAD HYD CYL. HOLE
19	1	AN316-5R	NUT JAM, HEXAGON, 5/16-24 THREAD, RIGHT
20	2	AN4-53A	BOLT, 1/4-28, 4.9375197 GRIP, UNDRILLED, STEEL
21	4	AN4-5A	BOLT, 1/4-28, 0.1875 GRIP, UNDRILLED, STEEL
22	2	AN4-6A	BOLT, 1/4-28, 0.3125 GRIP, UNDRILLED, STEEL
23	4	AN5-21A	BOLT, 5/16-24, 1.6875 GRIP, UNDRILLED, STEEL
24	4	AN526-1032R4	SCREW, MACHINE, TRUSS HEAD
25	1	AN816-4D	NIPPLE, FLARED TUBE AND PIPE THREAD
26	1	MS20822-4D	ELBOW
27	6	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
28	4	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF
29	4	MS35333-39	STAR WASHER
30	8	NAS1149D0416J	WASHER, 0.265 ID, 0.016 THK, ALUMINUM
31	8	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
32	8	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
33	2	NAS679-A4W	KAYNAR NUT

NOSE GEAR LOWER ASSEMBLY



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1095K41	COMMON GREASEZERK
2	1	21A06000-020	WELDMENT, PIVOT SHAFT, FORK, NOSE GEAR
3	1	21A06020-001	FORK, NOSE GEAR
4	1	21A06160-053	PRESSURE PLATE
5	1	21A06194-005	BLOCK - SPRING
6	1	21A06213-006	TOW HOOK NOSE GEAR
7	1	21A06237-001	BEARING PLATE, LOWER, NOSE GEAR
8	1	21A06318-005	BLOCK - PIVOT, NOSE GEAR
9	1	21A06475-006	FRICTION CUP
10	1	21A06476-003	PIN, ANTIROTATION
11	1	21A06605-002	PLUNGER- NOSE WHEEL
12	1	23A06654-002	SPRING NOSE GEAR
13	1	21A06705-005	PRESSURE SPRING
14	1	30A06702-016	BOLT - MODIFIED, PIVOT BLOCK
15	1	3A06602-001	THRUST WASHER
16	1	9528K15	1/4" CHROME BALL BEARING
17	4	AN4-7A	BOLT, 1/4-28, 0.4375 GRIP, UNDRILLED, STEEL
18	2	AN5-15A	BOLT, 5/16-24, 1.0625 GRIP, UNDRILLED, STEEL
19	2	AN5-17A	BOLT, 5/16-24 THREAD, 1-5/16" GRIP, 1-27/32" LENGTH
20	1	MS28775-111	"O" RING, HYDRAULIC
21	1	M62-350	SPRING
22	1	MS16997-60	SOCKET HEAD CAP SCREW
23	5	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
24	4	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF
25	4	MS35333-39	STAR WASHER
26	1	MS35649-2252	NUT, COARSE THREAD, STEEL, 1/4-20 THREAD
27	2	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
28	8	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
29	4	NAS1149F0532P	WASHER, 0.328 ID, 0.032 THK, STEEL
30	4	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
31	4	NAS1352-316P	SOCKET HEAD CAP SCREW

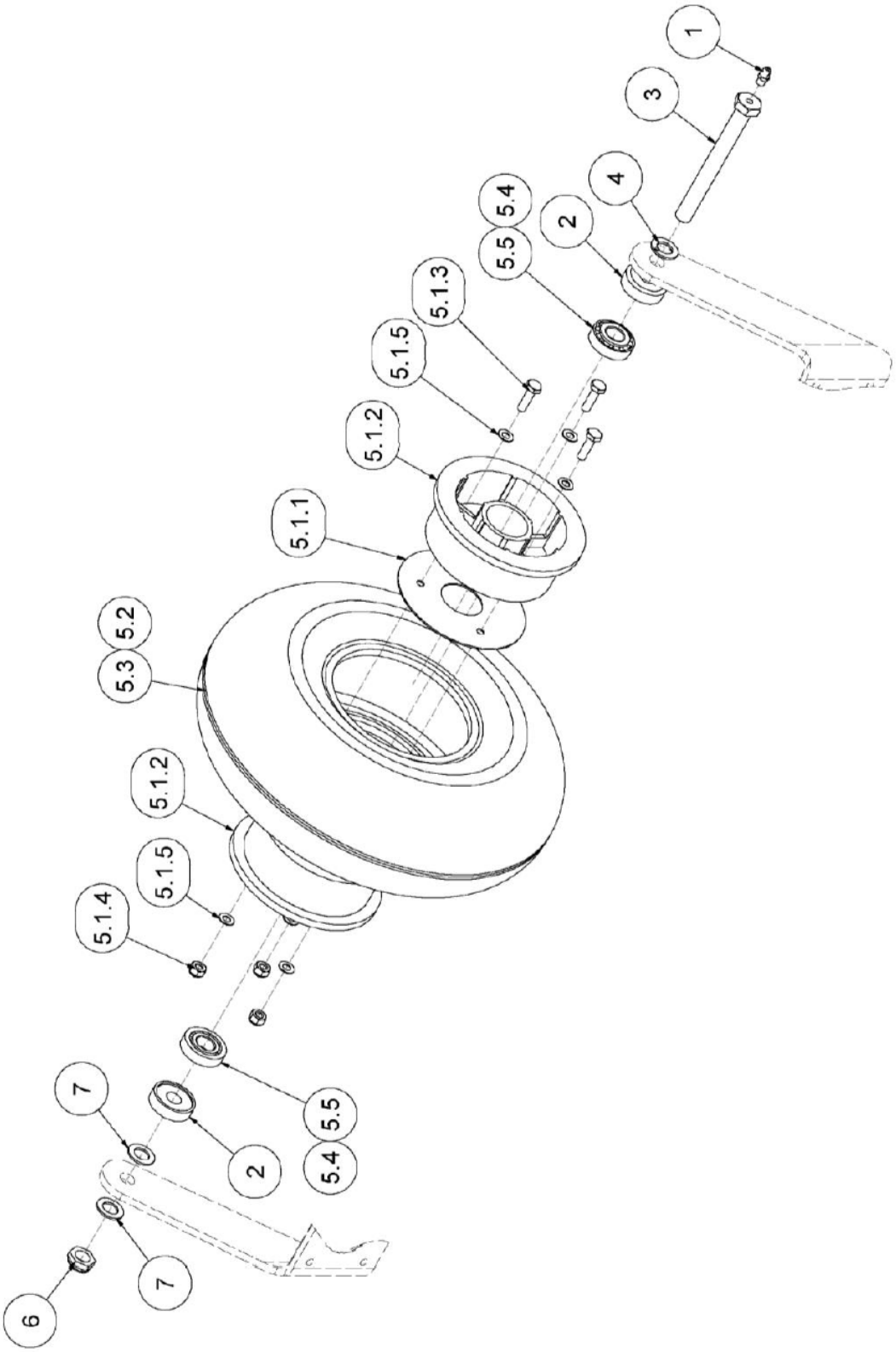
NOSE WHEEL ASSEMBLY (GROVE ONLY)



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1005927	BOLT, AXLE, NOSE GEAR
2	2	1005929	SPACER
3	1	1005931	ASSEMBLY, NOSE WHEEL
3.1	1	49-12AF-001	ASSEMBLY, WHEEL, GROVE
3.1.1	1	010-019	GREASE RETAINER
3.1.2	2	471570	SEAL, TIMKEN (EQUIVALENT TO GROVE OEM P/N 010-026)
3.1.3	1	015-020A	WHEEL HALF INNER
3.1.4	1	016-020AF	WHEEL HALF OUTER
3.1.5	2	A4050	BEARING CORE
3.1.6	2	A4138	BEARING CONE
3.1.7	3	AN4-23A	BOLT, 1/4-28, 1.9375 GRIP, UNDRILLED, STEEL
3.1.8	3	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
3.1.9	2	MS28775-029	O-RING
3.1.10	6	NAS1149F0416P	WASHER, 0.265 ID, 0.016 THK, STEEL
3.2	1	XA1AA*	INNER TUBE, 2.80 X 4
3.3	1	AD1A2*	TIRE 2.50 / 2.80 - 4
4	1	1095K41	COMMON GREASE ZERK
5	1	3A06702-003	MODIFIED WASHER
6	1	MS21083N8	NUT, 1/2-20 THREAD, LOW HEIGHT, NYLON INSERT, 250 DEG.
7	1	NAS1149D0863J	WASHER, 0.515 ID, 0.063 THK, ALUMINUM
8	1	21A06476-003	PIN ANTI ROTATE AXEL

* 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.

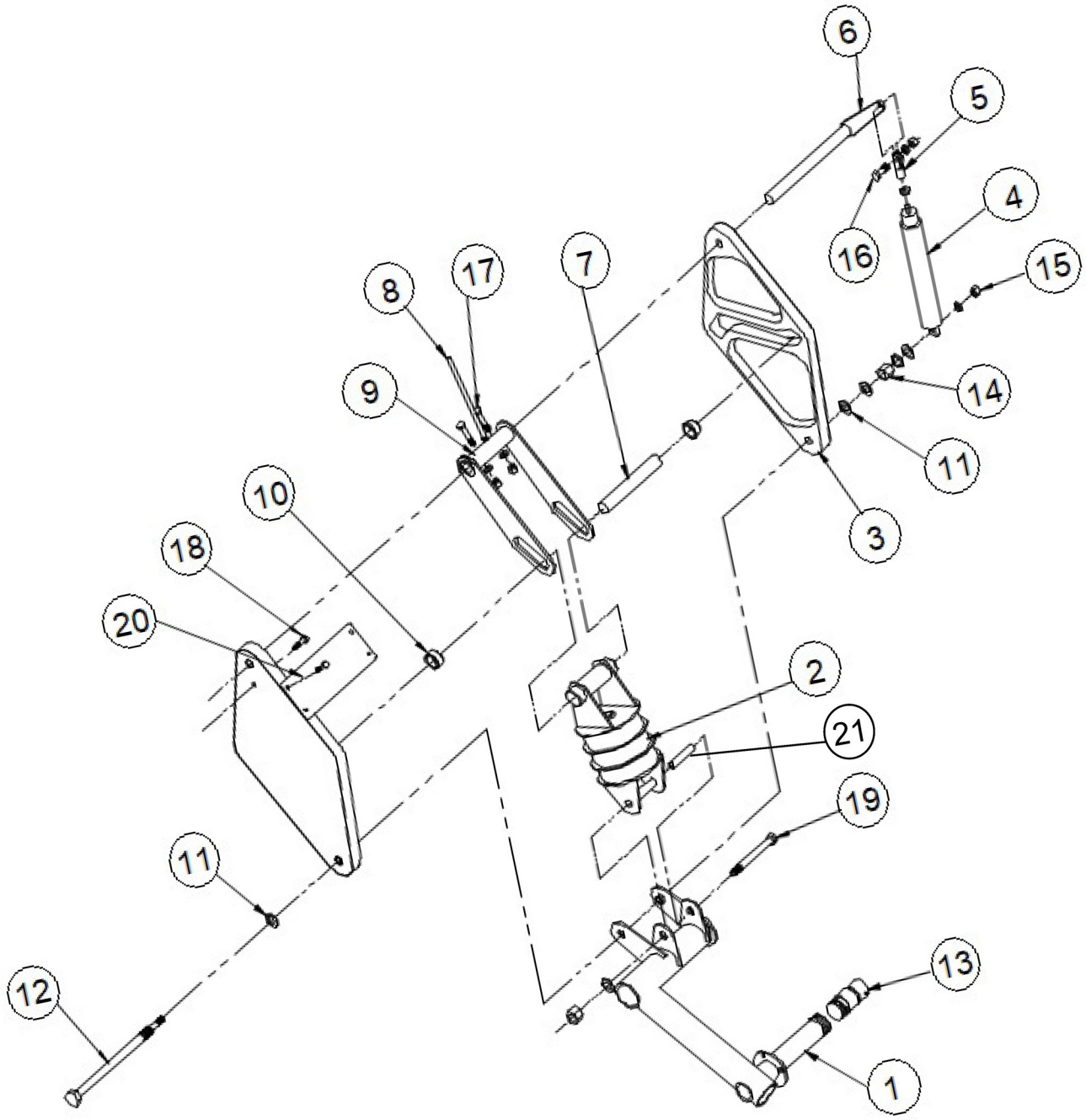
NOSE WHEEL ASSEMBLY (PARKER ONLY)



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1095K41	COMMON GREASEZERK
2	2	3A06259-001	SPACER
3	1	3A06702-002	MODIFIED BOLT
4	1	3A06702-003	MODIFIED WASHER
5	1	21A06000-021	NOSE WHEEL ASSEMBLY
5.1	1	D-30380	PARKER WHEEL ASSEMBLY
5.1.1	1	068-30373	GASKET
5.1.2	2	161-30382	WHEEL HALF
5.1.3	3	AN4-7A	BOLT, 1/4-28, 0.4375 GRIP, UNDRILLED, STEEL
5.1.4	3	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
5.1.5	6	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
5.2	1	XA1AA*	INNER TUBE, 2.80 X 4
5.3	1	AD1A2*	TIRE, 2.50 / 2.80 - 4
5.4	2	A4050	BEARING CORE
5.5	2	A4138	BEARING CONE
6	1	MS21083N8	NUT, 1/2-20 THREAD, LOW HEIGHT, NYLON INSERT, 250 DEG.
7	2	NAS1149D0863J	WASHER, 0.515 ID, 0.063 THK, ALUMINUM

* 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.

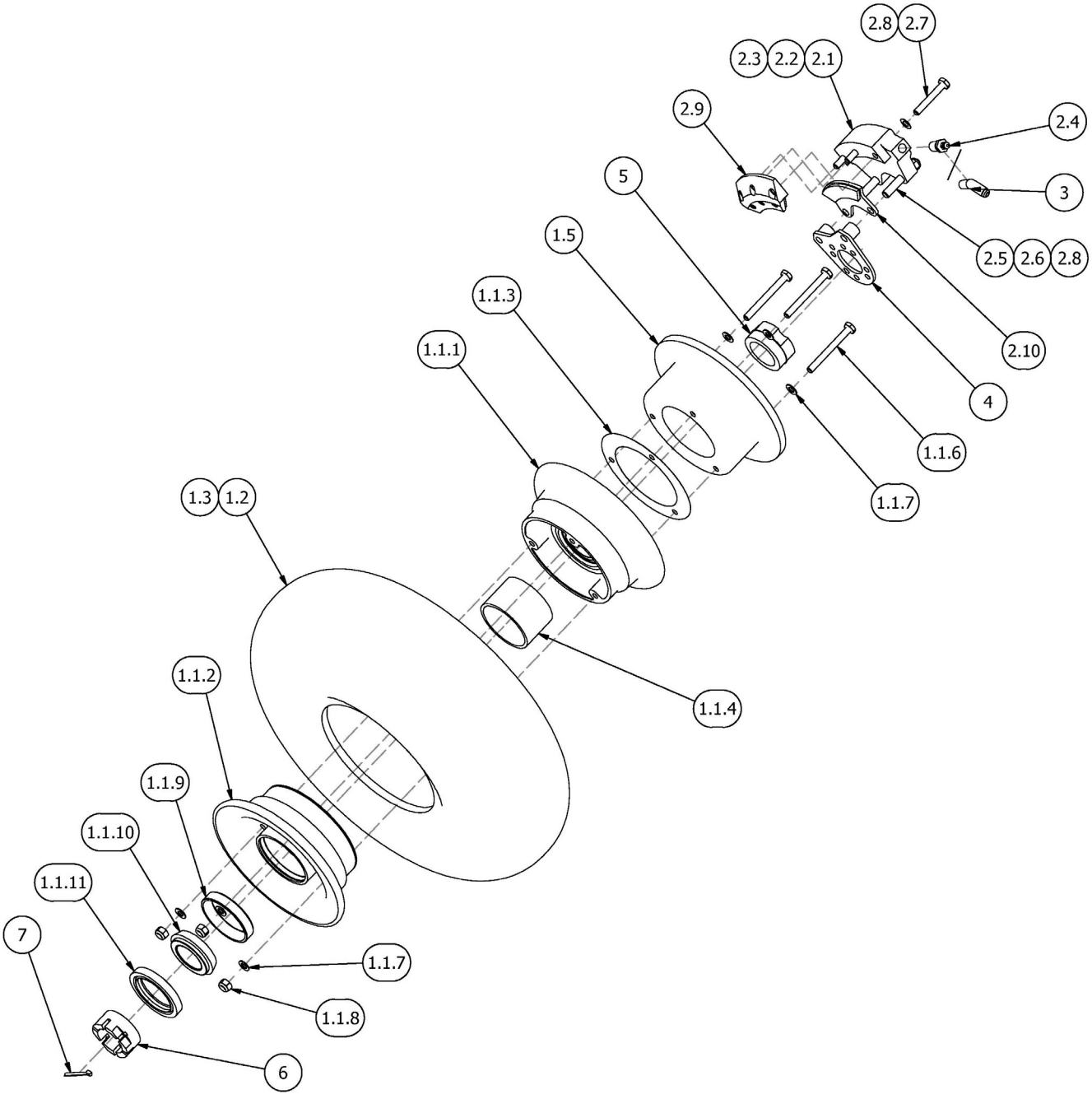
MAIN GEAR RETRACTION INSTALLATION



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	21A04000-077	ASS'Y – DRAG LINK L.
	1	21A04000-076	ASS'Y – DRAG LINK R.
	2	08FDU12	BEARING
2	1	23A04000-113	ASS'Y SHOCK STRUT
	1	21A04000-075	ASS'Y – LOWER END
	1	21A04585-002	SLEEVE
	2	1095K41	ZERK – GREASE
	1	21A04000-074	ASS'Y – UPPER END
	1	1002088	DUAL BUSHING ASSEMBLY
	1	1001101	BUSHING ASSEMBLY
	1	21A04503-004	RETAINING PIN
	1	MS24665-151	COTTER PIN
	2	NAS1149F0416J	WASHER, 0.265 ID, 0.016 THK, STEEL THK, STEEL
	2	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
3	1	21A05114-005	TRACK – MAIN GEAR L.
	1	21A05114-006	TRACK – MAIN GEAR R.
	1	10DU12	BEARING - UPPER
	1	08DU12	BEARING – LOWER
4	1	1002574	CYLINDER
	2	MS20822-4D	FITTING - ELBOW
5	1	21A05705-002	ROD END
	1	AN316-5	JAMB NUT
	1	21A05260-005	SPACER
	1	MS20002C6	CHAMFERED WASHER (CHAMFERED EDGE GOES AGAINST CYLINDER)
6	1	21A05000-017	ARM – RETRACT L.
	1	21A05000-016	ARM – RETRACT R.
7	1	21A04454-006	AXLE – SHOCK STRUT
8	1	21A05000-022	INDICTATOR ASS'Y
9	1	21A05000-018	GEAR ACTUATOR
10	2	21A05520-003	ROLLER – TRACK
11	2	93783A033	WASHER – SEALING
12	1	21A05000-019	BOLT – ASSEMBLY
13	1	21A04263-007	RETAINER - GREASE
	2	MS28775-210	"O" RING
	1	1095K41	ZERK – GREASE
14	1	MS21044N8	NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF
	2	NAS1149F0863P	WASHER, FIT DIA 1/2", STANDARD THICKNESS
15	1	MS21083N5	NUT, LOCKING, LOW HEIGHT, 5/16-24 UNF
	A/R	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
16	1	AN5-11A	BOLT, 5/16-24, 0.6875 GRIP, UNDRILLED, STEEL

ITEM	QTY	PART NO.	PART DESCRIPTION
	2	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
	1	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF
17	2	AN4-13A	BOLT, 1/4-28, 0.9375 GRIP, UNDRILLED, STEEL
	4	NAS1149D0416J	WASHER, 0.265 ID, 0.016 THK, ALUMINUM
	2	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
18	8	AN3-6A	BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL
	8	NAS1149D0316J	WASHER, 0.203 ID, 0.016 THK, ALUMINUM
	8	NAS1149D0363J	WASHER, 0.203 ID, 0.063 THK, ALUMINUM
	8	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
19	1	AN8-33A	BOLT, 1/2-20 THREAD, 2-11/16" GRIP, 3-15/32" LENGTH
	1	NAS1149F0832P	WASHER, 0.515 ID, 0.032 THK, STEEL
	1	NAS1149F0863P	WASHER, FIT DIA 1/2", STANDARD THICKNESS
	1	MS21044N8	NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF
20	1	21A05003-079	PLATE - SEPARATING
	4	AN3-5A	BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL
	8	NAS1149D0316J	WASHER, 0.203 ID, 0.016 THK, ALUMINUM
	4	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
21	1	21A04547-004	BUSHING - LOWER SHOCK STRUT

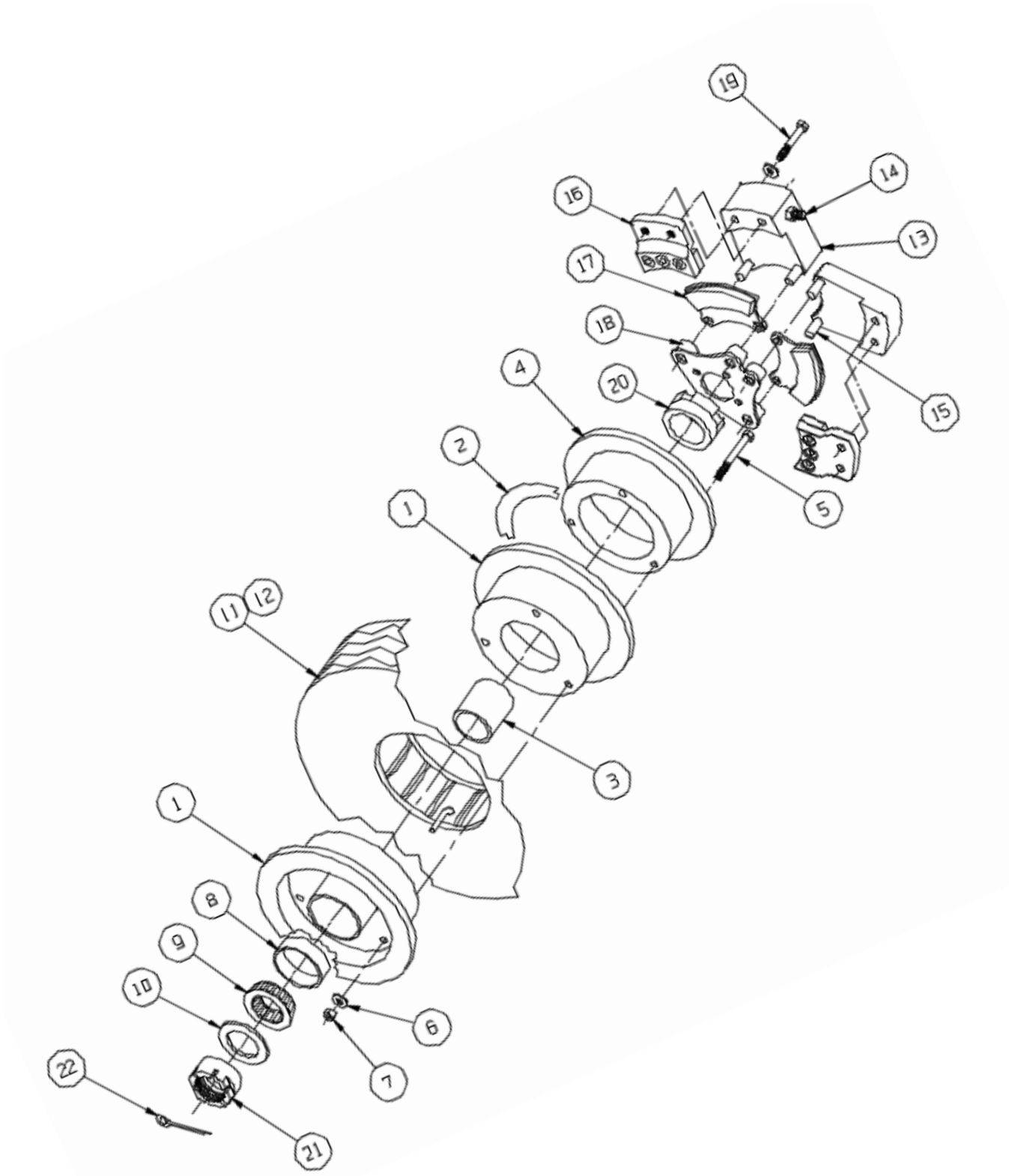
MAIN GEAR WHEEL (GROVE / WIPAIRE ASSEMBLY)



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1002144	ASSY, MAIN WHEEL, GROVE, 2350 (INCLUDES TIRE AND TUBE)
1.1	1	1002145	ASSY, RIM AND BEARINGS, GROVE, 2350
1.1.1	1	015-002	WHEEL HALF, INNER (REF)
1.1.2	1	016-002	WHEEL HALF, OUTER (REF)
1.1.3	1	3A04620-001	GASKET - TEFLON
1.1.4	1	010-009	GREASE RETAINER
1.1.5	1	018-002	BRAKE DISC (NOMINAL THICKNESS 0.313", MINIMUM 0.288")
1.1.6	3	AN4-23A	BOLT, 1/4-28, 1.9375 GRIP, UNDRILLED, STEEL
1.1.7	6	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
1.1.8	3	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
1.1.9	2	08231	BEARING CUP, NON-CHROME
	2	08231CP	BEARING CUP (CHROME, REF)
1.1.10	2	08125	BEARING CONE, NON-CHROME
	2	08125CP	BEARING CONE (CHROME, REF)
1.1.11	2	473237	SEAL - INSIDE/OUTSIDE *DRILL #50 HOLE IN SIDE OF SEAL TO BE USED IN OUTBOARD SIDE OF WHEEL
1.2	1	AA1D4*	TIRE –TYPE III 5.00 X 5, 6 PLY
1.3	1	XA1AC*	TUBE 5.00 X 5
2	1	32-3	BRAKE ASSEMBLY
2.1	1	023-007	CALIPER BODY (REF)
2.2	2	017-003	PISTON (REF)
2.3	2	MS28775-217	O-RING, HYDRAULIC
2.4	1	220-0063	BLEEDER ASSEMBLY
2.5	2	013-001	TORQUE PIN (REF)
2.6	2	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
2.7	3	AN4H-15A	BOLT
2.8	5	NAS1149F0416P	WASHER, 0.265 ID, 0.016 THK, STEEL
2.9	1	10-3	ASS'Y – BACK PLATE (REF)
2.9.1	1	RA66-111	LINING (PAD)
2.9.2	3	066-001	RIVET (REF)
	3	105-00200 (ALT)	RIVET (ALTERNATE PN)
2.10	1	11-2	ASS'Y – PRESSURE PLATE
2.10.1	1	RA66-111	LINING (PAD)
2.10.2	3	066-001	RIVET (REF)
	3	105-00200 (ALT)	RIVET (ALTERNATE PN)
3	1	MS20823-3D	FITTING 45˚ BRAKE LINE
4	1	020-001	BRAKE TORQUE PLATE
5	1	3A04093-001	SPACER
6	1	3A04268-003	NUT – AXLE
7	1	MS24665-351	COTTER PIN

* 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 WHEEL (CLEVELAND / PARKER ASSEMBLY)



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	3A04000-002	ASS'Y – WHEEL (W/ TUBE & TIRE)
	1	3A04000-060	MAIN WHEEL ASSY. MODIFIED
2	1	3A04620-001	GASKET - TEFLON
3	1	3A04616-001	GREASE RETAINER
4	1	164-01700	BRAKE DISC
5	3	AN4-22A	BOLT, 1/4-28, 1.8125 GRIP, UNDRILLED, STEEL
6	3	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
7	3	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
8	2	8231	BEARING CUP
	2	8231CP	BEARING CUP, CHROME (OPT.)
9	2	8125	BEARING CONE
	2	8125CP	BEARING CONE, CHROME (OPT.)
10	2	473237	SEAL - INSIDE/OUTSIDE
11	1	AA1D4*	TIRE –TYPE III
	1	XA1AC*	TUBE
12	2	3A04000-052	ASS'Y – BRAKE AND TORQUE PLATE
13	2	030-00903	ASS'Y – CALIPER
	2	062-00300	PISTON
	2	AN6227-23	"O" RING
	2	MS20823-3D	FITTING - 45 DEGREES (BRAKE LINE)
14	2	081-30619	SEAT – BLEEDER
	2	79-3	SCREW – BLEEDER
	2	183-1	CAP – BLEEDER
15	4	069-00400	ANCHOR BOLT
	4	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
	4	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
16	2	074-02700	ASS'Y – BACK PLATE
	2	064-00500	PLATE – BACK
	2	066-10600	LINING
	6	105-2	RIVET
17	2	073-04800	ASS'Y – PRESSURE PLATE
	2	063-00500	PLATE - PRESSURE
	2	066-10600	LINING
	6	105-2	RIVET
18	1	23A04000-109	BRAKE TORQUE PLATE - LEFT
	1	23A04000-110	BRAKE TORQUE PLATE – RIGHT
19	4	AN4-15A	BOLT, 1/4-28, 1.1875 GRIP, UNDRILLED, STEEL
	4	NAS1149F0432P	WASHER, 0.265 ID, 0.032 THK, STEEL
20	1	3A04093-001	SPACER
21	1	3A04268-003	NUT – AXLE
22	1	MS24665-351	COTTER PIN

* 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.

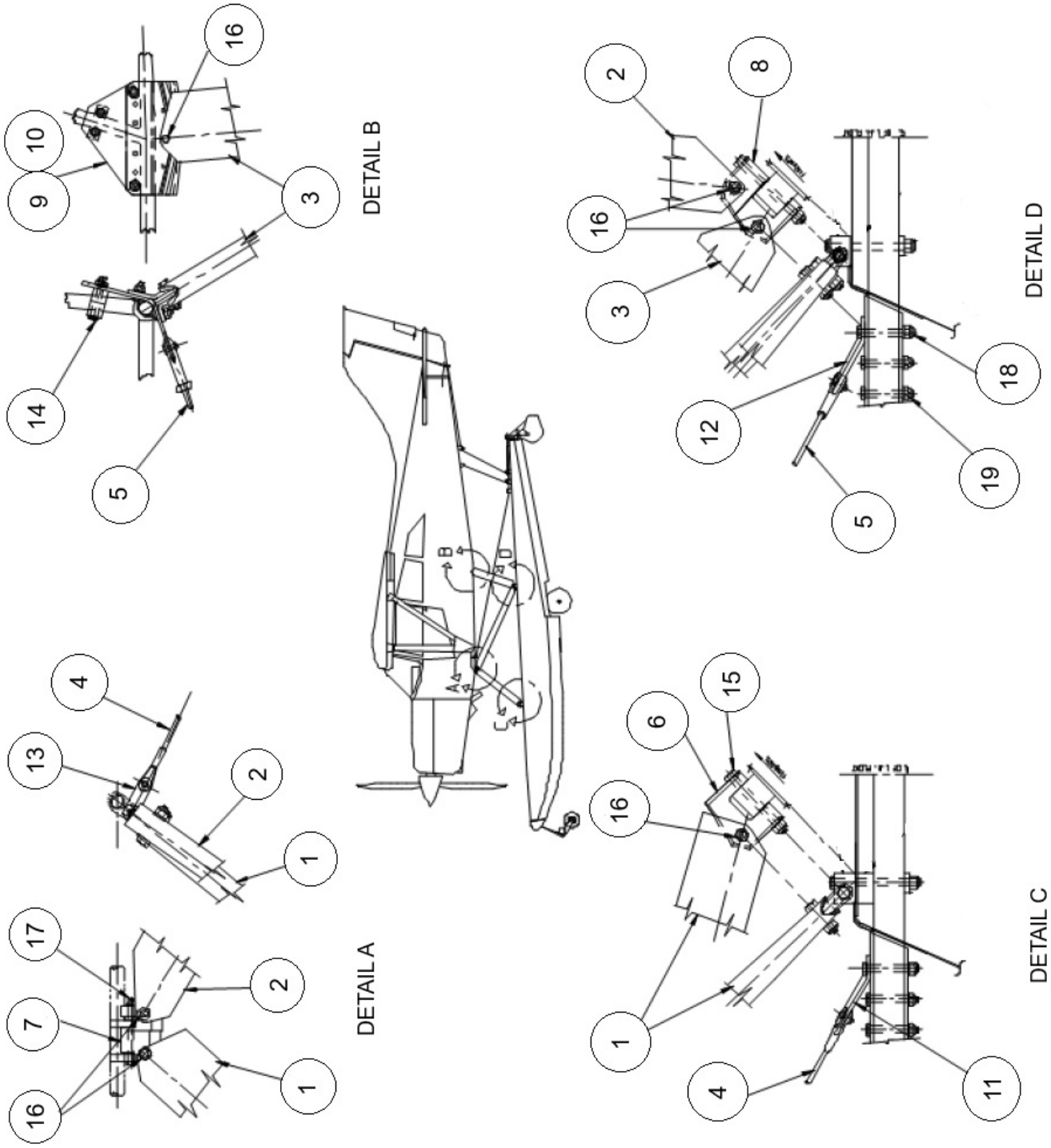
SECTION 9

STRUTS, WIRES, STEPS, & SPREADER BARS

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STRUTS, WIRES, & SPREADER BARS

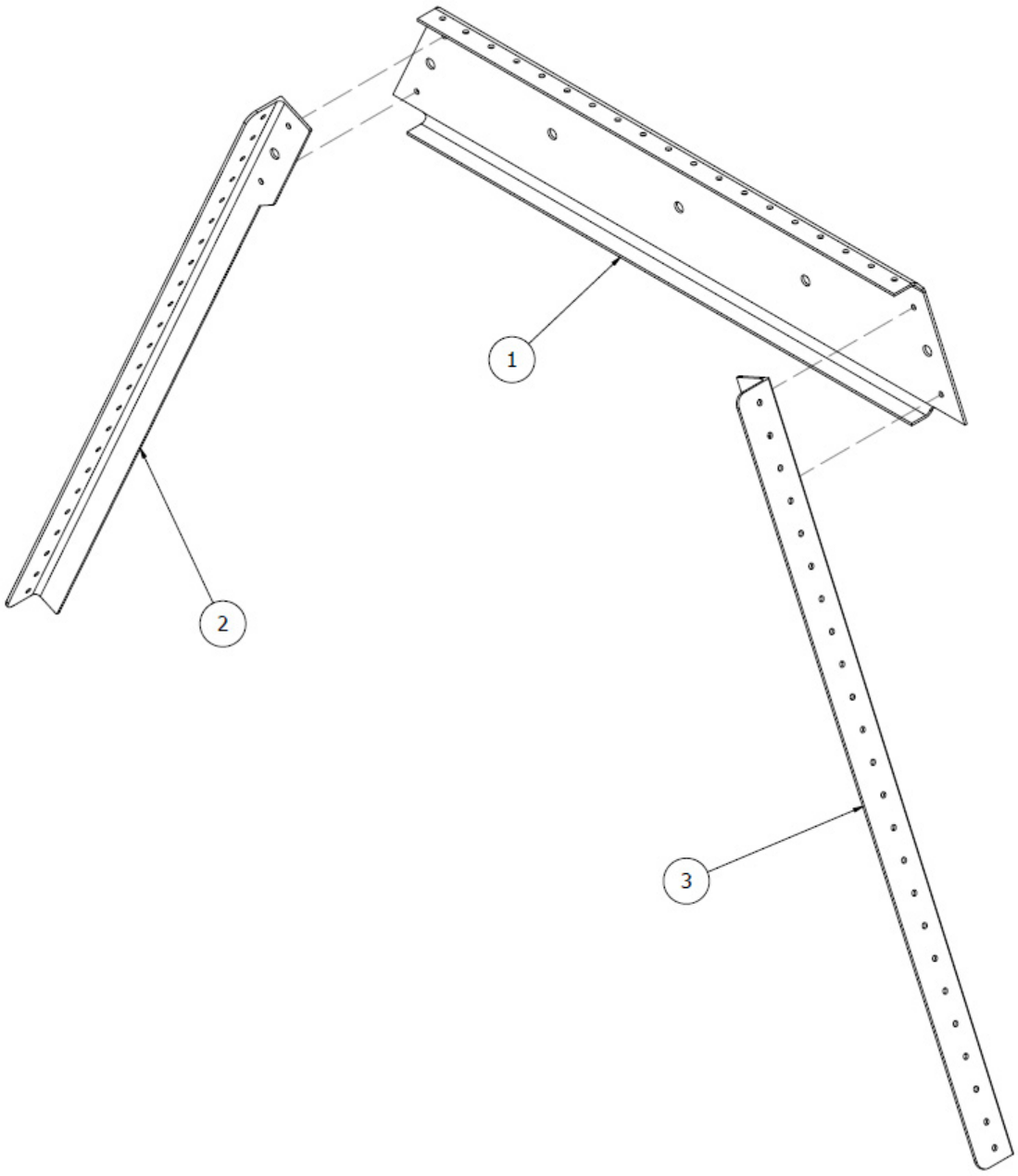


ITEM	QTY	PART NO.	PART DESCRIPTION
1	2	23A02000-221	STRUT - FRONT
2	2	23A02000-223	STRUT – CENTER
3	2	23A02000-166	ASS'Y – STRUT – REAR
	1	23A02334-030	STRUT
	4	21A02084-001	BUSHING
4	2	21A02000-137	ASS'Y – DRAG WIRE – FWD
	1	AN705AC-5225	WIRE
	1	AN665-46LS *	CLEVIS L.
	1	AN665-46RS *	CLEVIS R.
	1	AN316-C5L	CHECK NUT "L"
	1	AN316-C5R	CHECK NUT "R"
	2	SP4ZF6	PIN – CLEVIS
	2	SP90E7	PIN – COTTER
5	2	21A02000-138	ASS'Y – DRAG WIRE – AFT
	1	AN705AC-4525	WIRE
	1	AN665-80LAS *	CLEVIS L.
	1	AN665-80RAS *	CLEVIS R.
	1	AN316-C6L	CHECK NUT "L"
	1	AN316-C6R	CHECK NUT "R"
	2	MS20392-5C21	PIN – CLEVIS
	2	MS24665-301	PIN – COTTER
6	2	23A02060-005	FITTING – LOWER FRONT STRUT
7	1	23A02055-011	FITTING – UPPER FRONT STRUT L.
	1	23A02055-012	FITTING – UPPER FRONT STRUT R.
8	1	23A02055-009	FITTING – LOWER AFT STRUT L.
	1	23A02055-010	FITTING – LOWER AFT STRUT R.
9	1	30A02000-183	ASS'Y – REAR FUSELAGE FITTING L.
	1	30A02019-015	PLATE - MAIN L.
	1	30A02019-017	PLATE – UPPER L.
	1	30A02019-019	PLATE – LOWER L.
	1	23A02020-003	SPACER
	2	21A02456-001	BOLT, ANGLE
	2	21A02487-002	PLATE, SADDLE
	4	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
	4	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
10	1	30A02000-184	ASS'Y – REAR FUSELAGE FITTING R.
	1	30A02019-014	PLATE - MAIN R.
	1	30A02019-016	PLATE – UPPER R.
	1	30A02019-018	PLATE – LOWER R.
	1	23A02020-003	SPACER
	2	21A02456-001	BOLT, ANGLE

ITEM	QTY	PART NO.	PART DESCRIPTION
	2	21A02487-002	SADDLE – “U” BOLT
	4	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
	4	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
11	2	21A02462-004	WIRE PULL - LOWER FWD.
12	2	21A02462-008	WIRE PULL - LOWER AFT.
13	2	21A02462-009	WIRE PULL - LOWER UPPER.
14	2	30A02195-007	CLAMP – REAR FITTING
	2	AN4-20A	BOLT, 1/4-28, 1.5625 GRIP, UNDRILLED, STEEL
	2	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
	2	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
15	2	AN6-36A	BOLT, 3/8-24 THREAD, 3-3/16" GRIP, 3-53/64 LENGTH
16	12	AN6-17A	BOLT, 3/8-24, 1.3125 GRIP, UNDRILLED, STEEL
17	2	AN6-41A	BOLT, 3/8-24, 3.5625 GRIP, UNDRILLED, STEEL
18	4	AN6-30A	BOLT, 3/8-24, 2.4375 GRIP, UNDRILLED, STEEL
19	8	AN5-23A	BOLT, 5/16-24, 1.9375 GRIP, UNDRILLED, STEEL
20	A/R	NAS1149D0663J	WASHER, 0.39 ID, 0.063 THK, ALUMINUM (ITEMS 15, 16, 17, 18)
21	24	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF (ITEMS 15, 16, 17, 18)
22	A/R	NAS1149D0563J	WASHER, 0.328 ID, 0.063 THK, ALUMINUM
23	8	MS21044N5	NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF

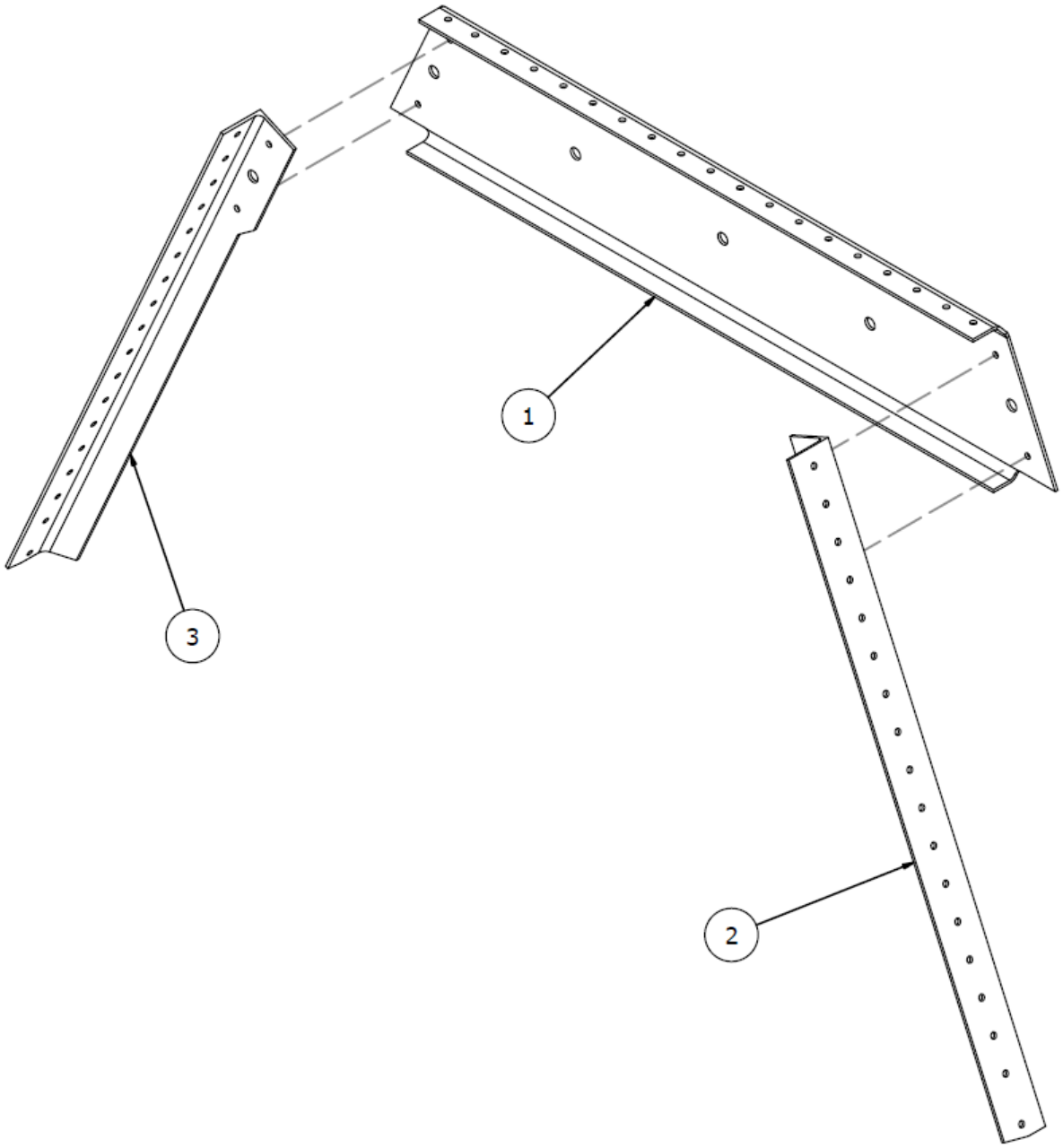
* DENOTES STAINLESS STEEL

FWD SPREADER BAR SUPPORT PANEL ASSEMBLY



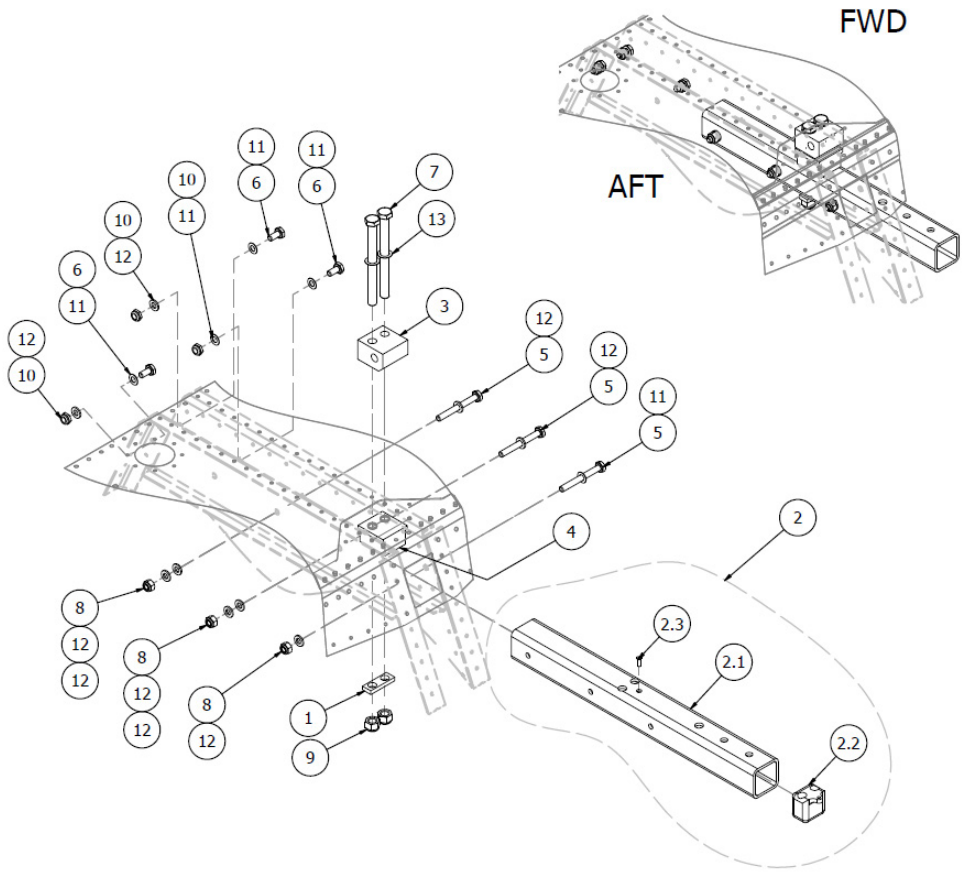
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	23A01000-302	ASSEMBLY, SPREADER BAR SUPPORT PANEL, FWD, 2350
1	1	21A01163-065	PANEL, SUPPORT, SPREADER BAR
2	1	23A01326-018	ANGLE, SPREADER BAR SUPPORT PANEL, LH
3	1	23A01326-019	ANGLE, SPREADER BAR SUPPORT PANEL, RH

AFT SPREADER BAR SUPPORT PANEL ASSEMBLY



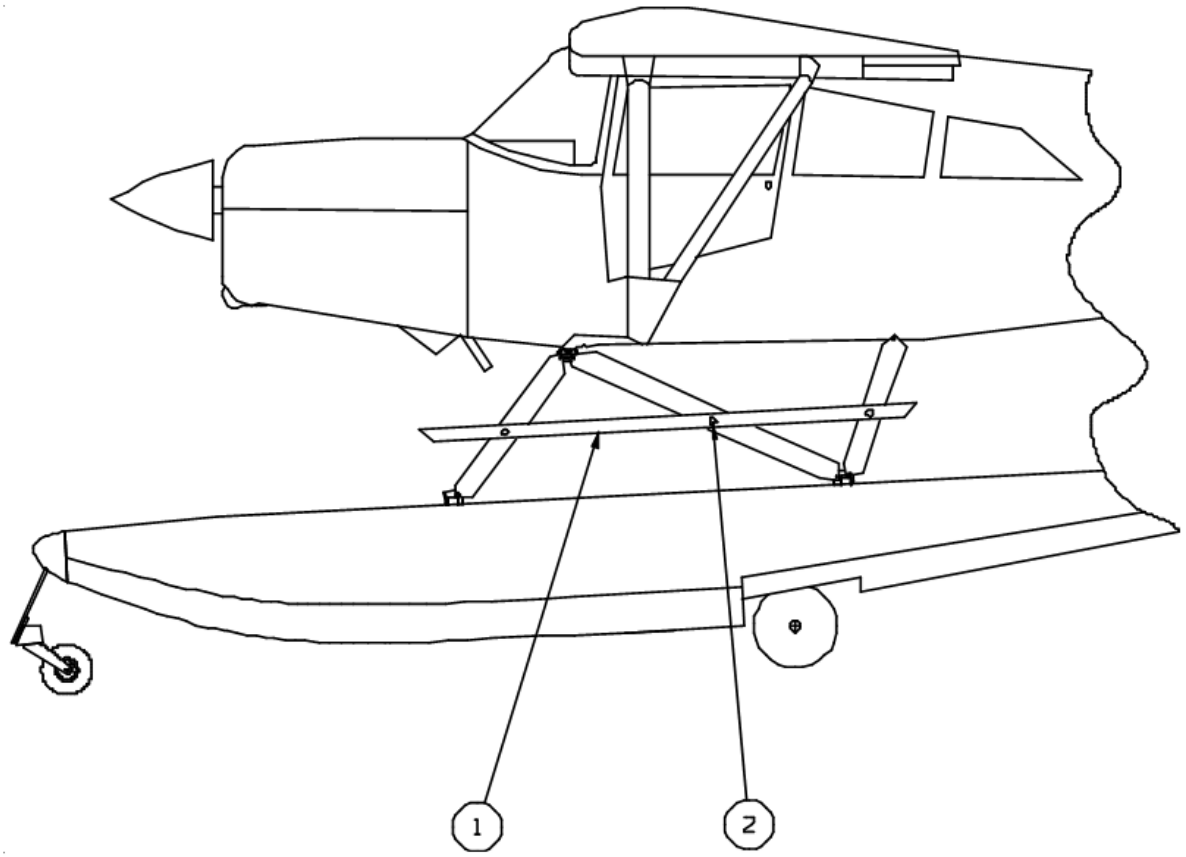
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21A01000-259	ASSEMBLY, SPREADER BAR SUPPORT PANEL, AFT
1	1	21A01163-065	PANEL, SUPPORT, SPREADER BAR
2	1	21A01326-009	ANGLE, SPREADER BAR SUPPORT PANEL, RH
3	1	21A01326-010	ANGLE, SPREADER BAR SUPPORT PANEL, LH

SPREADER BAR TUBE MOUNTING



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1002009	CLAMP BLOCK, SPREADER BAR
2	1	1012630	ASSEMBLY, TUBE, SPREADER BAR, MOUNTING
2.1	1	21A03115-001	TUBE, SPREADER BAR, MOUNTING
2.2	1	1002012	INSERT, TUBE REINFORCEMENT, SPREADER BAR
2.3	1	CR3212-4-5	RIVET, CHERRY MAX, COUNTERSUNK, 1/8 DIA , 5/16 GRIP
3	1	21A03032-006	FITTING, DECK, STRUT
4	1	21A03214-003	SPACER
5	3	AN4-22A	BOLT, 1/4-28, 1.8125 GRIP, UNDRILLED, STEEL
6	3	AN4-4A	BOLT, 1/4-28, 0.0625 GRIP, UNDRILLED, STEEL
7	2	AN6-41A	BOLT, 3/8-24, 3.5625 GRIP, UNDRILLED, STEEL
8	3	MS21044N4	NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF
9	2	MS21044N6	NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF
10	3	MS21083N4	NUT, LOCKING, LOW HEIGHT, 1/4-28 UNF
11	5	NAS1149D0416J	WASHER, 0.265 ID, 0.016 THK, ALUMINUM
12	9	NAS1149D0463J	WASHER, 0.265 ID, 0.063 THK, ALUMINUM
13	2	NAS1149F0616P	WASHER, 0.39 ID, 0.016 THK, STEEL

FUSELAGE STEPS INSTALLATION



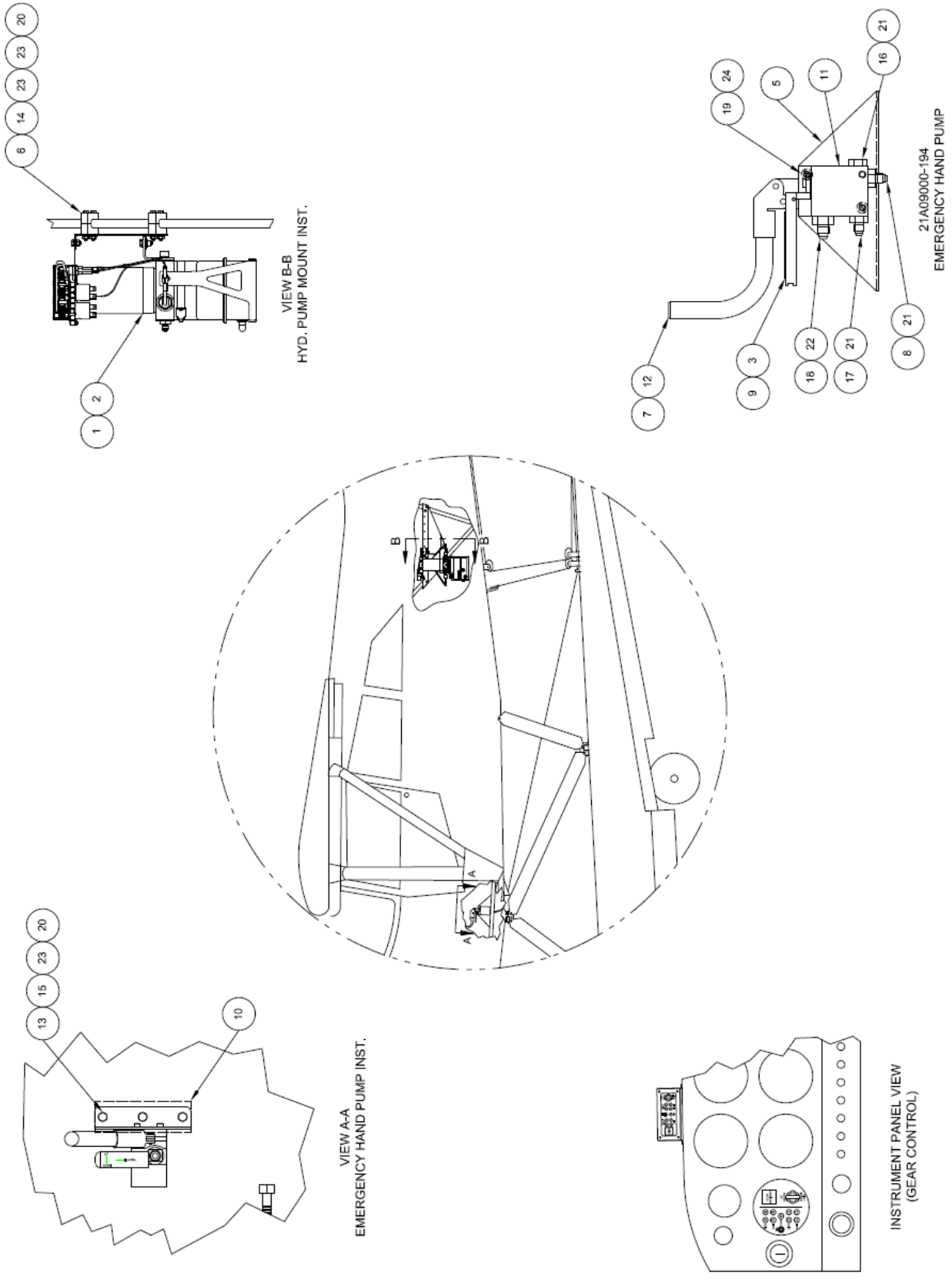
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	23A02369-036	STEP, MAULE, RH
	1	23A02369-037	STEP, MAULE, LH
	6	AN3-17A	BOLT, 10-32, 1.5 GRIP, UNDRILLED, STEEL
	12	NAS1149D0363J	WASHER, 0.203 ID, 0.063 THK, ALUMINUM
	6	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
	6	BPF	HOLE PLUG 1 INCH
2	1	21A12000-042	ASS'Y – VENTRAL FIN
	10	B8-75	RIVNUTS
	14	MS21078-08	PLATENUT
	24	AN526-1032R8	SCREW – ATTACH
	24	NAS1149D0363J	WASHER, 0.203 ID, 0.063 THK, ALUMINUM
	10	MS35333-39	WASHER – LOCK

SECTION 10
HYDRAULIC SYSTEM

CONTENTS

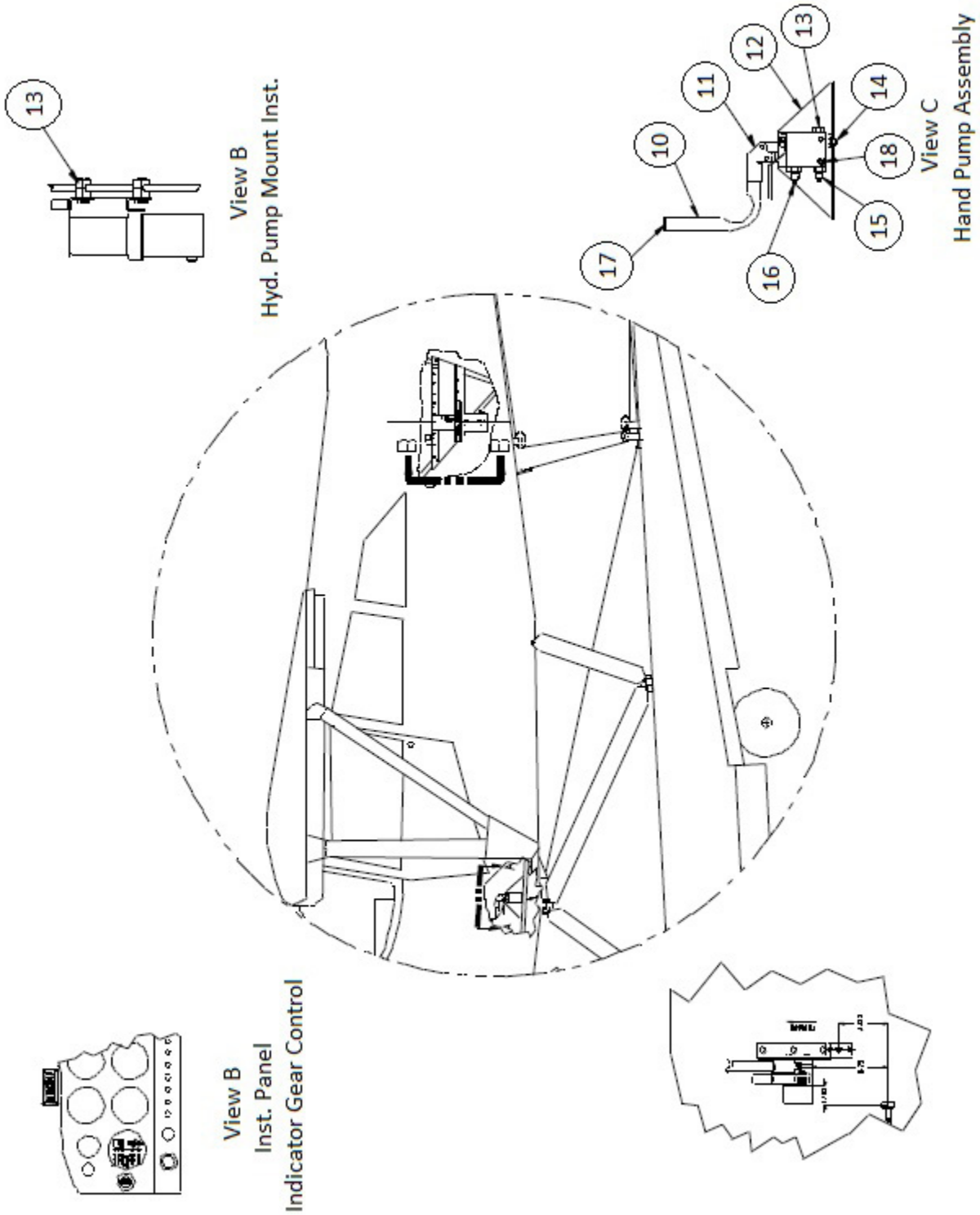
HYDRAULIC SYSTEM INSTALLATION POST SERVICE LETTER 222 102
HYDRAULIC SYSTEM INSTALLATION PRE SERVICE LETTER 222 104
HYDRAULIC PUMP SUPPORT PLATE POST SERVICE LETTER 222 106
HYDRAULIC PUMP POST SERVICE LETTER 222 108
HYDRAULIC PUMP OVERVIEW POST SERVICE LETTER 222 111
HYDRAULIC PUMP OVERVIEW PRE SERVICE LETTER 222 113
HYDRAULIC SCHEMATIC 115

HYDRAULIC SYSTEM INSTALLATION POST SERVICE LETTER 222



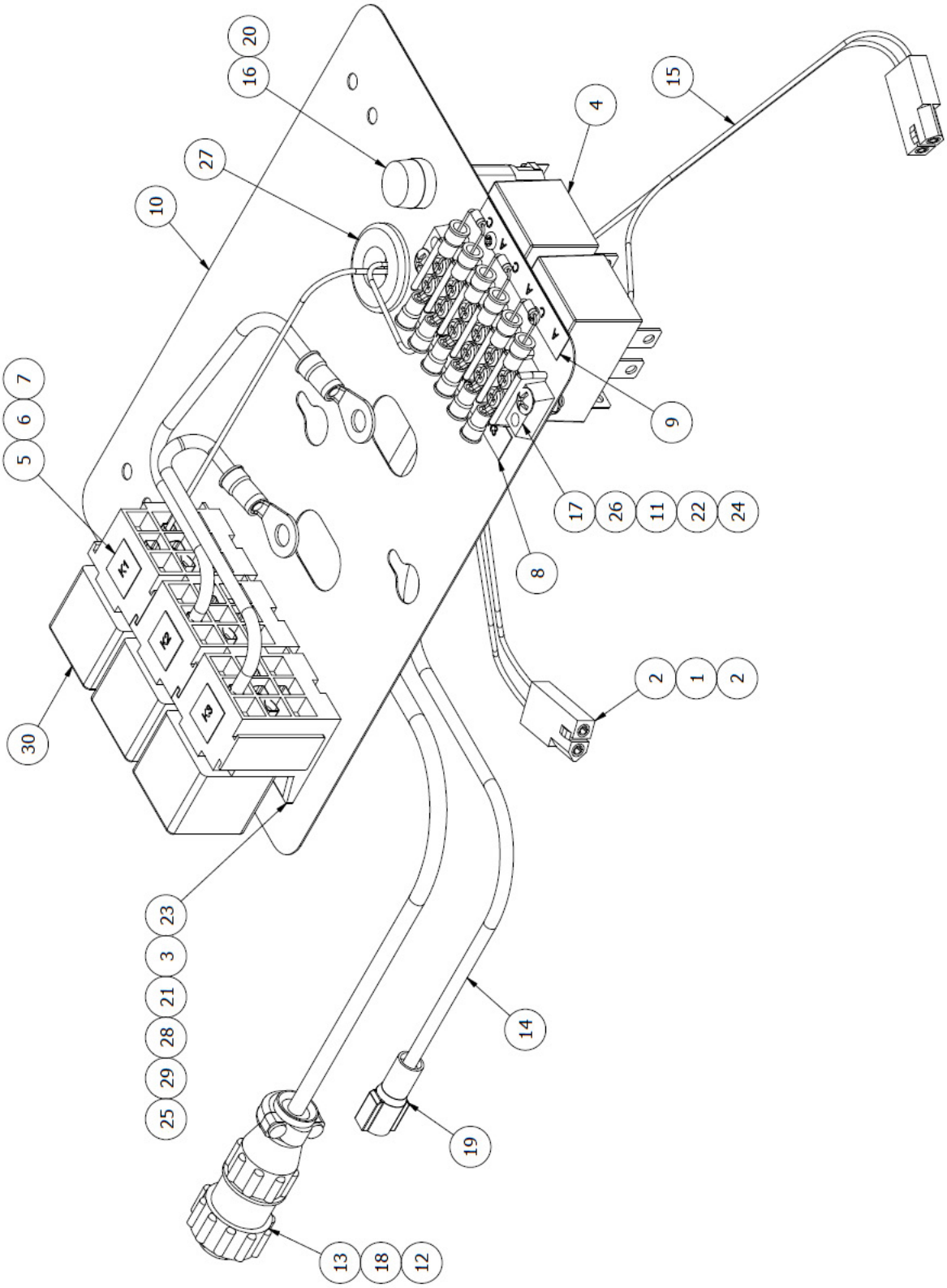
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	1011611	ASSEMBLY, HYDRAULIC POWER PACK, 12VDC
2	1	1011612	ASSEMBLY, HYDRAULIC POWER PACK, 24VDC
3	1	12A3-7379-2	PLACARD, EMERGENCY HAND PUMP
4	1	21A09000-194	ASSEMBLY, HAND PUMP, COMPLETE
5	1	21A09156-129	BRACKET, PUMP ATTACH
6	6	21A09215-002	CLAMP, MOUNTING
7	1	21A09396-001	HANDLE, HAND PUMP
8	1	21A09746-001	UNION
9	1	21A12000-052	ASSEMBLY, HANDLE
10	1	30A12000-050	PLATE, FLOORBOARD, REINFORCEMENT
11	1	642873	HAND PUMP (ONLY)
12	1	9283K13	CAP PLUG
13	3	AN3-7A	BOLT, 10-32, 0.500 GRIP, UNDRILLED, STEEL
14	6	AN3-14A	BOLT, 10-32 THREAD, 1-1/8" GRIP, 1-17/32" LENGTH
15	3	AN970-3	WASHER, .203ID, .875OD, .063 THK
16	1	AN814-4D	PLUG
17	1	AN815-4D	UNION
18	1	AN919-6D	UNION
19	2	MS16997-77	SOCKET HEAD CAP SCREW
20	9	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
21	3	MS28775-012	O-RING, HYDRAULIC PACKING, .364 ID
22	1	MS28775-014	O-RING, HYDRAULIC PACKING, .489 ID
23	15	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
24	2	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL

HYDRAULIC SYSTEM INSTALLATION PRE SERVICE LETTER 222



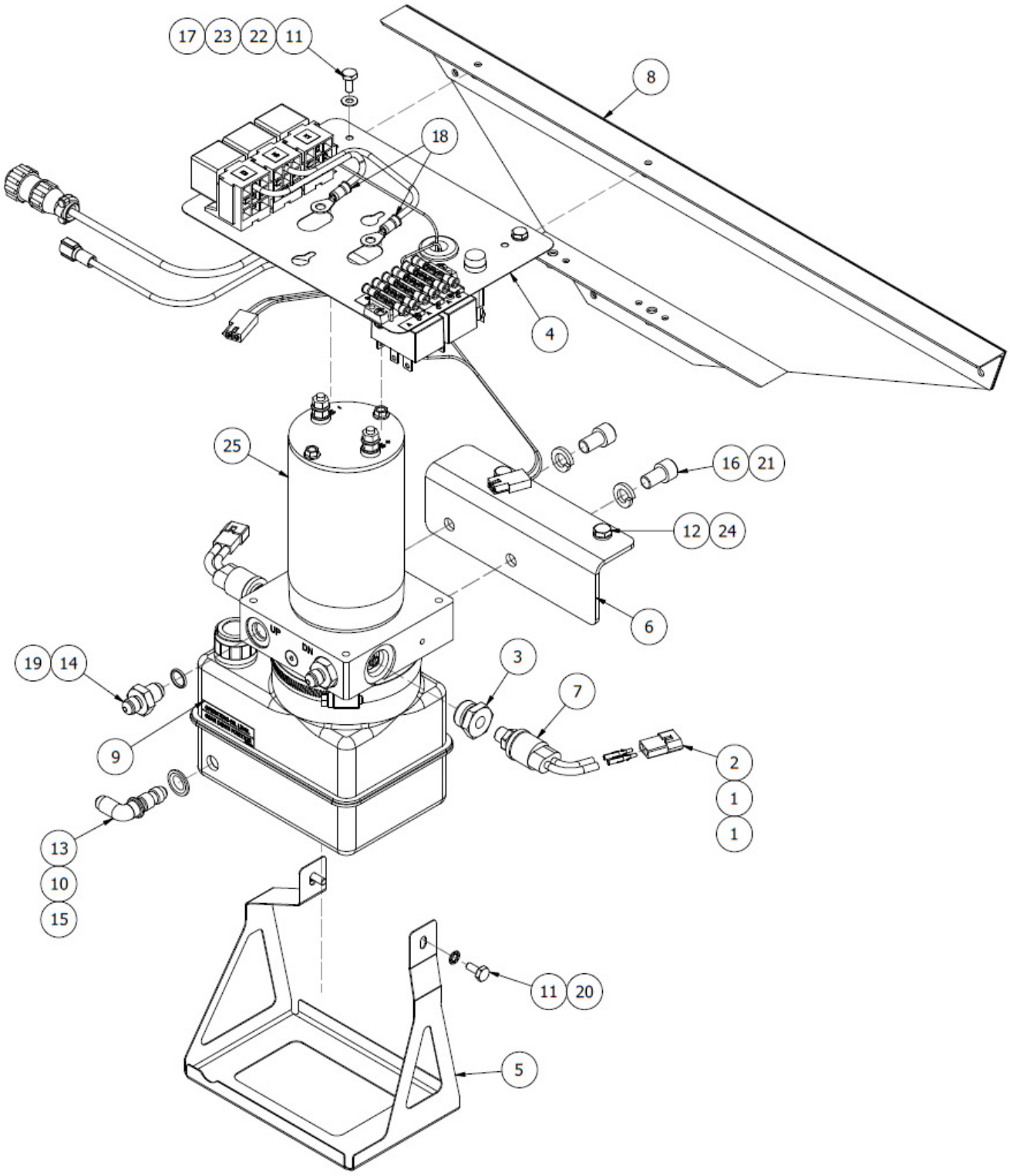
ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	21A09000-239	ASS'Y - HAND PUMP 12V
	1	21A09000-261	ASS'Y – HAND PUMP 24V
2	1	21A09000-225	ASS'Y – MANIFOLD
	1	6A09046-001	MANIFOLD
	8	AN816-4-4D	NIPPLE – FITTING
	2	AN3-5A	BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL
	2	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
	2	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
3	3	AN832-4D	UNION - FIREWALL
	3	NAS1149F0763P	WASHER, 0.453 ID, 0.063 THK, STEEL
	3	AN924-4D	JAMB NUT
4	2	AN3-4A	BOLT - TOP BRACKET ATTACH
	4	NAS1149D0363J	WASHER, 0.203 ID, 0.063 THK, ALUMINUM
5	1	21A09348-020	ANGLE – LOWER PUMP ATTACH
	4	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
	4	NAS1149D0363J	WASHER, 0.203 ID, 0.063 THK, ALUMINUM
	4	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
6	1	21A09000-194	ASS'Y – HAND PUMP
7	1	10B3-6283-1	ASS'Y – PLACARD
8	3	AN3-4A	BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL
	3	AN970-3	WASHER, .203 ID, .875 OD, .063 THK
	3	NAS1149D0363J	WASHER, 0.203 ID, 0.063 THK, ALUMINUM
	3	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
9	1	MS35489-49	GROMMET
10	1	21A09396-001	HANDLE
11	1	642873	HAND PUMP (ONLY)
12	1	21A09156-129	BRACKET – PUMP ATTACH
13	1	AN814-4D	PLUG
	1	MS28775-012	"O" RING
14	1	21A09746-001	UNION
	1	MS28775-012	"O" RING
15	1	AN815-4D	UNION
	1	MS28775-012	"O" RING
16	1	AN919-6D	UNION
	1	MS28775-014	"O" RING
17	1	9283K13	CAP PLUG
18	2	MS16997-77	CAP SCREW – ATTACH
	2	MS35333-40	LOCK WASHER
	2	NAS1149F0563P	WASHER, 0.328 ID, 0.063 THK, STEEL
19	2	21A04000-080	ASS'Y – BRAKE LINE (NOT SHOWN)
	2	63-190600-3	FITTING

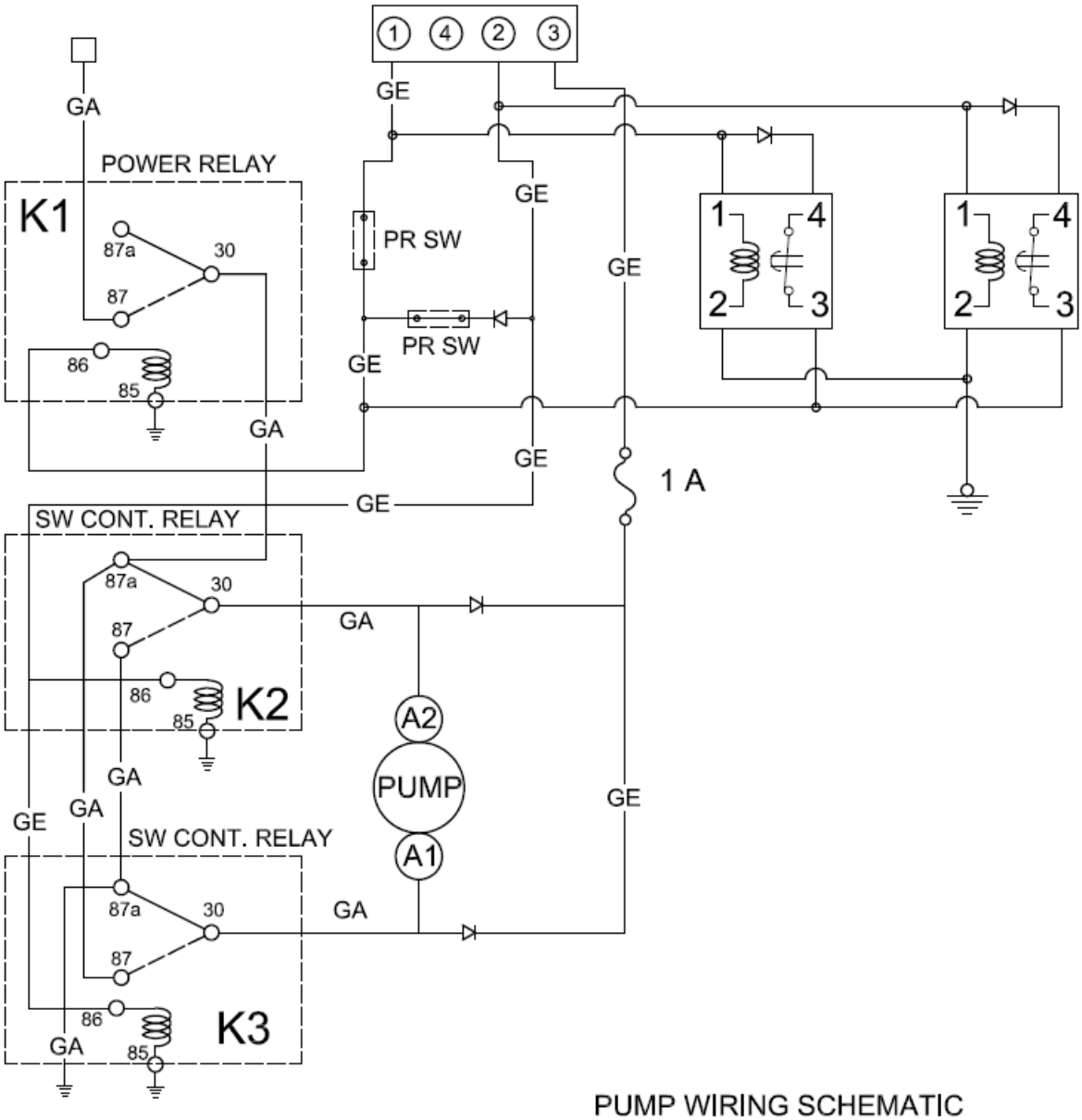
HYDRAULIC PUMP SUPPORT PLATE POST SERVICE LETTER 222



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011449	ASSEMBLY, SUPPORT PLATE, HYDRAULIC PUMP, 12V
-	1	1011547	ASSEMBLY, SUPPORT PLATE, HYDRAULIC PUMP, 24V
1	4	02-09-1104	PIN, CRIMP FEMALE, 1/8" DIA
2	2	03-09-1022	CONNECTOR PLUG, MALE, 2 CONN.
3	14	1-901-355-917	TERMINAL
4	1	1012411	ASSEMBLY, RELAY, TIME DELAY RELEASE, 6-48 VDC
5	1	1009143-01	PLACARD, K1 INDICATOR
6	1	1009143-02	PLACARD, K2 INDICATOR
7	1	1009143-03	PLACARD, K3 INDICATOR
8	1	1009144-01	PLACARD, CR INDICATOR
9	1	1009144-02	PLACARD, AC INDICATOR
10	1	1011448	TOP PLATE, HYDRAULIC PUMP
11	3	1N4004	DIODE, 2-1/2"
12	1	206062-3	CLAMP, CABLE, CPC SIZE 11
13	1	206429-1	PLUG, MAL, CPC SIZE 1, 4 PIN
14	6 FT	22759-16-12-9	WIRE, 12 AWG, WHITE
15	10.1 FT	22759-16-20-9	WIRE, 20 AWG, WHITE
16	1	3453LF2A	FUSE HOLDER
17	1	6-140	TERMINAL BLOCK, 6 CONNECTOR
18	3	66103-4	PIN, CRIMP SOCKET, 24-20G
19	1	73M-250-32-NL	CONNECTOR, MALE, 10-12 AWG, FULLY INSULATED
20	1	AGC-1	FUSE, 250V, (S2565-1)
21	3	AN3-3A	BOLT, 10-32, 0.0625 GRIP, UNDRILLED, STEEL
22	2	AN526C632R8	SCREW, MACHINE, TRUSS HEAD
23	3	BR05-FW	SOCKET, 5 PRONG, PLASTIC
24	2	MS21044N06	NUT, LOCKING, REGULAR HEIGHT, 6-32 UNC
25	3	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
26	12	MS25036-102	RING TERMINAL, #6 STUD, 16-22 AWG, RED
27	1	MS35489-14	GROMMET, RUBBER
28	3	NAS1149F0332P	WASHER, 0.203 ID, 0.032 THK, STEEL
29	3	NAS1149F0363P	WASHER, 0.203 ID, 0.063 THK, STEEL
30	3	V23234-A0001-X032	RELAY, 12V, 5 PRONG
30	3	0-332.209-211	RELAY, 24V, 5 PRONG

HYDRAULIC PUMP POST SERVICE LETTER 222

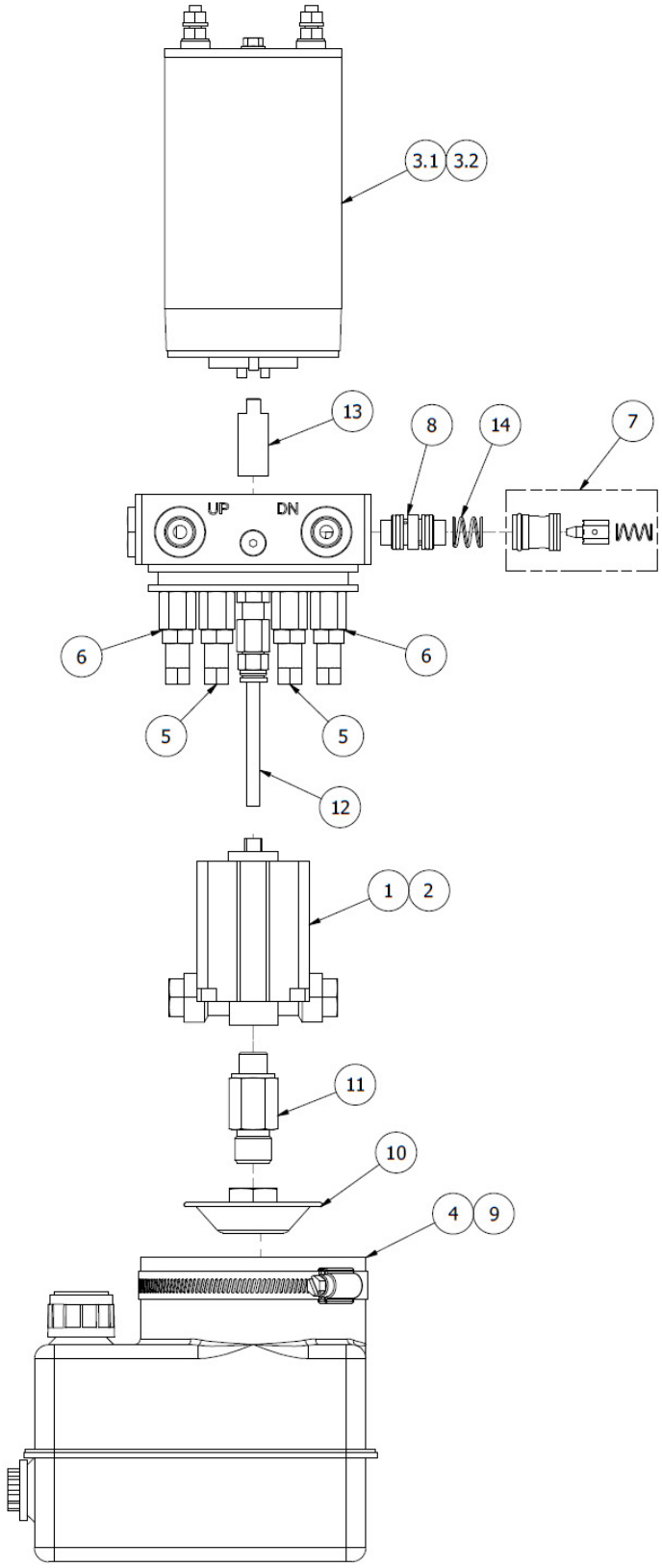




PUMP WIRING SCHEMATIC
(RELAYS SHOWN IN RELAXED CONDITION)
1. GE WIRES 20 GA
2. GA WIRES 12 GA

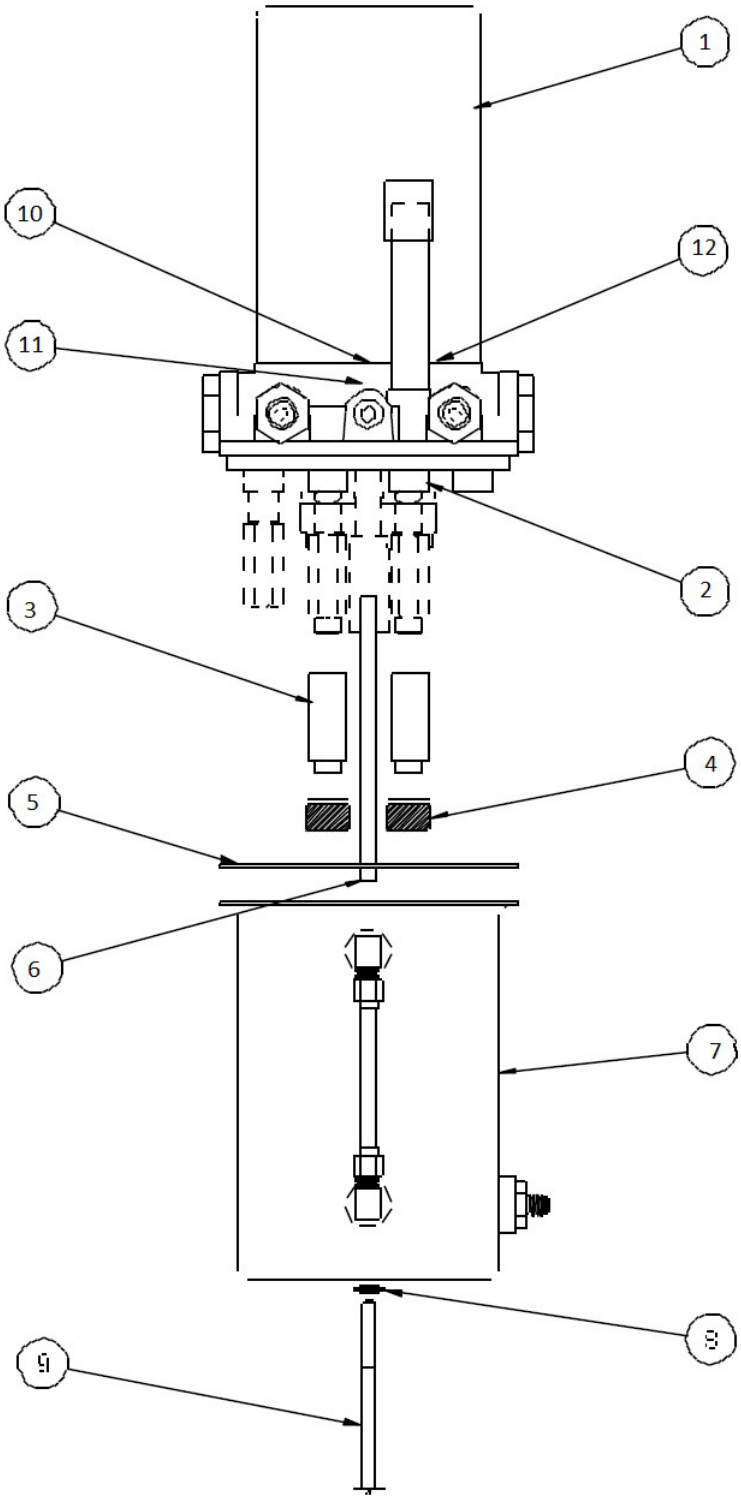
ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	1011611	ASSEMBLY, HYDRAULIC POWER PACK, 12VDC
-	1	1011612	ASSEMBLY, HYDRAULIC POWER PACK, 24VDC
1	4	02-09-2118	PIN, CRIMP MALE, 1/8" DIA
2	2	03-09-2022	CONNECTOR PLUG, FEMALE
3	2	1011062	ASSEMBLY, PLUG, PRESSURE SWITCH PORT
4	1	1011449	ASSEMBLY, SUPPORT PLATE, HYDRAULIC PUMP, 12V
4	1	1011547	ASSEMBLY, SUPPORT PLATE, HYDRAULIC PUMP, 24V
5	1	1011542	SUPPORT, HYDRAULIC RESERVOIR, SIDE MOUNT
6	1	1011610	ANGLE, MOUNT, LOWER
7	2	20PS001EB700 W500W	PRESSURE SWITCH
8	1	23A09000-224	ASSEMBLY, BRACKET, HYDRAULIC PUMP
9	1	6A3-2199	PLACARD, OIL LEVEL
10	1	93783A032	SEALING WASHER
11	4	AN3-3A	BOLT, 10-32, 0.0625 GRIP, UNDRILLED, STEEL
12	2	AN4-5A	BOLT, 1/4-28, 0.1875 GRIP, UNDRILLED, STEEL
13	1	AN833-4D	FITTING, HYDRAULIC, 90 DEGREES ELBOW
14	2	AN919-3D	FITTING, REDUCER
15	1	AN924-4D	JAM NUT
16	2	MS16997-96	SOCKET HEAD CAP SCREW
17	2	MS21044N3	NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF
18	2	MS25036-157	RING TERNMINAL, #10 STUD, 10-12 AWG, YELLOW
19	2	MS28775-013	"O" RING, HYDRAULIC
20	2	MS35333-39	STAR WASHER
21	2	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	2	NAS1149F0463P	WASHER, 0.265 ID, 0.063 THK, STEEL
25	1	YBZS-C0.63W1T100K/ UVZOT2	HYDRAULIC POWER PACK, 12VDC
25	1	YBZS-C0.63W2T100K/ UVZOT2	HYDRAULIC POWER PACK, 24VDC

HYDRAULIC PUMP OVERVIEW POST SERVICE LETTER 222



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	1	610-0010	DC MOTOR, 12V, .8KW
3.2	1	610-0017	DC MOTOR, 24V, .8 KW
4	1	622-0016	RESERVOIR, 1 QT.
5	2	631-0005	PRESSURE RELIEF VALVE
6	2	631-0006	THERMAL RELIEF VALVE
7	2	632-0004	ASSEMBLY, PILOT OPERATED CHECK VALVE
8	1	637-0024	SHUTTLE VALVE
9	1	681-0050	CLAMP, HOSE, 1 LITER PLASTIC RESERVOIR
10	1	682-0019	FILTER, PICKUP TUBE, HYDRAULIC PUMP
11	1	682-0055	SUCTION HEX TUBE
12	1	682-0056	RETURN TUBE
13	1	683-0011	COUPLING, MOTOR TO PUMP
14	2	685-0012	SPRING, SHUTTLE VALVE
15	1	687-0001	SEAL KIT, RESERVIOR O-RING, PILOT OPERATED RELIEF VALVE O-RING, THERMAL AND PRESSURE RELIEF VALVE O-RING (NOT SHOWN)

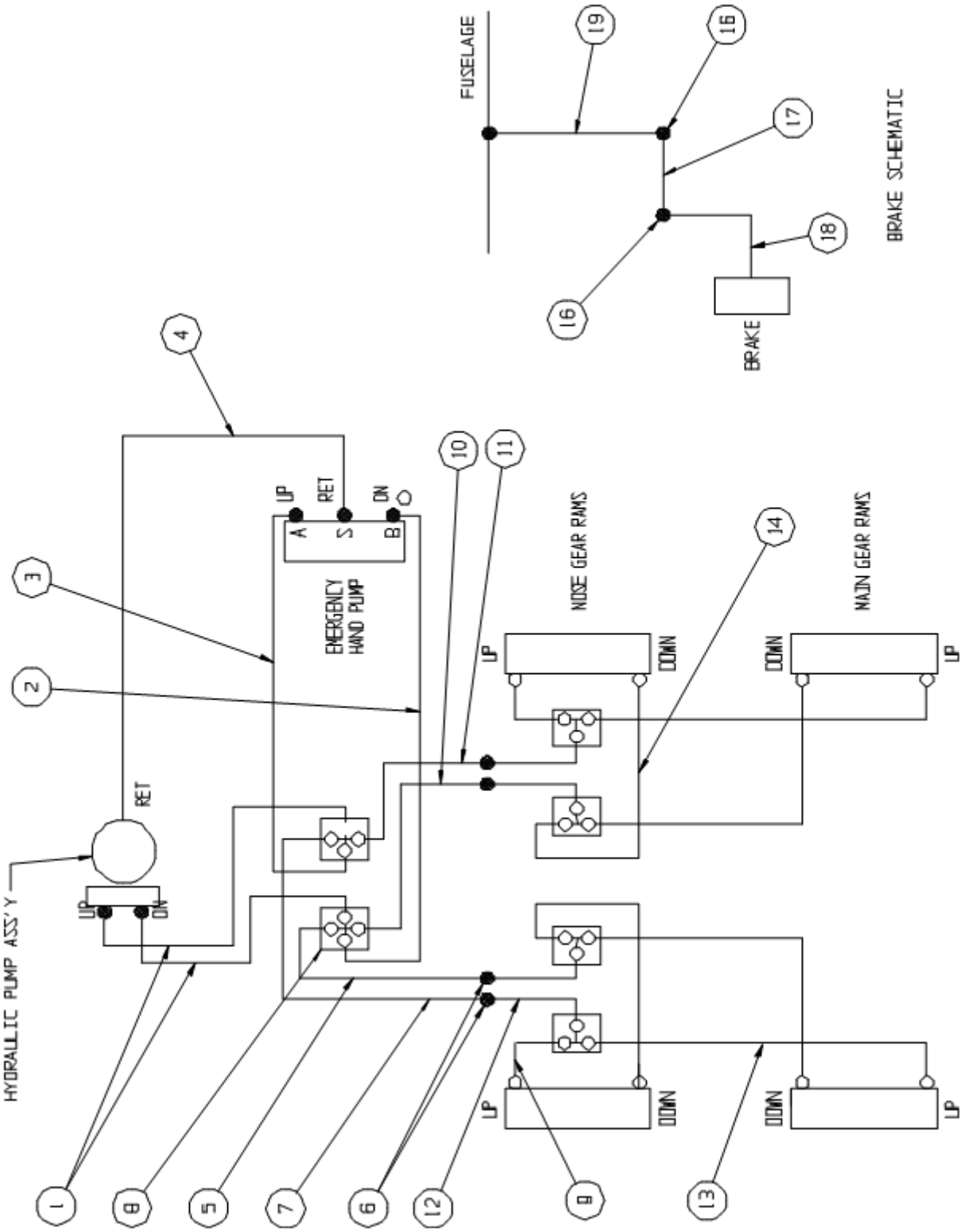
HYDRAULIC PUMP OVERVIEW PRE SERVICE LETTER 222



ITEM	QTY	PART NO.	PART DESCRIPTION
1	1	21A09000-215	HYDRAULIC PUMP ASS'Y (12V)
		21A09000-282	HYDRAULIC PUMP ASS'Y (24V)
		640661	MOTOR (12V)
		641131	MOTOR (24V)
2	1	634873	BASIC PUMP
3	2	362136	TUBE EXTENSIONS
4	2	410521*	FILTER
5	1	410578*	SEAL RESERVIOR
6	1	365047	RETURN TUBE
7	1	775260	RESERVIOR – GAUGE ASS'Y
8	1	359071*	SEAL THREAD
9	1	409715*	SCREW – RESERVIOR ATTACH
10	1	361183*	COUPLING – MOTOR TO PUMP
11	1	410512	SEAL – PUMP SHAFT
12	1	405673	"O" RING MOTOR TO BASE

*Reference Wipaire drawing 1011065 for alternate part numbers.

HYDRAULIC SCHEMATIC



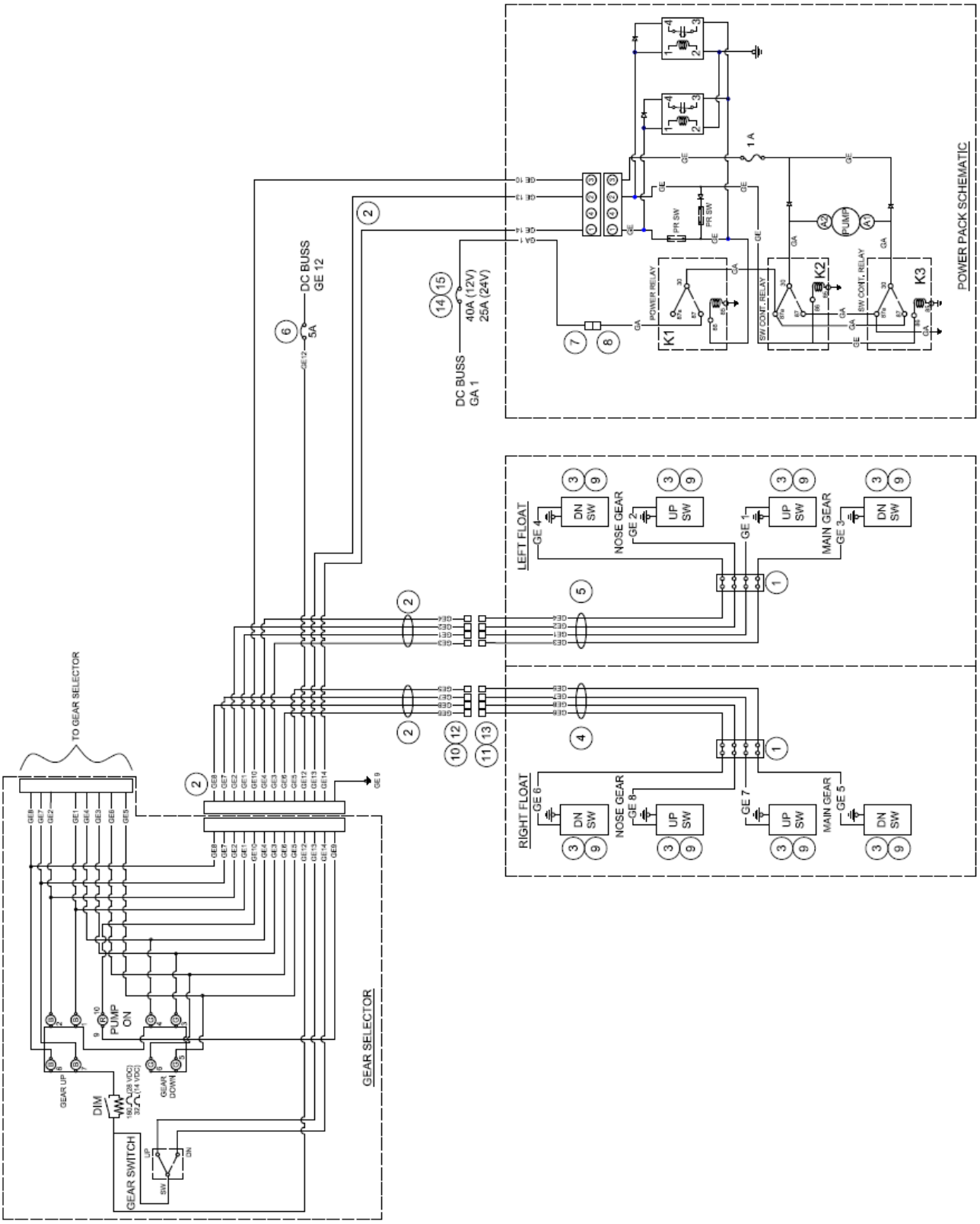
ITEM	QTY	PART NO.	PART DESCRIPTION
1	2	21A09000-204	ASS'Y – HYDRAULIC HOSE
2	1	21A09000-223	ASS'Y – HYDRAULIC HOSE
3	1	21A09000-207	ASS'Y – HYDRAULIC HOSE
4	1	21A09000-208	ASS'Y – HYDRAULIC HOSE
5	1	21A09000-263	ASS'Y – HYDRAULIC HOSE
6	2	AN833-4D	FITTING – ELBOW
	2	AN924-4D	JAMB NUT
	2	NAS1149D0763J	WASHER, 0.453 ID, 0.063 THK, ALUMINUM
7	2	21A09000-262	ASS'Y – HYDRAULIC HOSE
8	2	AN827-4D	FITTING - QUAD
9	2	21A09000-218	ASS'Y – HYDRAULIC HOSE
10	2	21A09000-262	ASS'Y – HYDRAULIC HOSE
11	2	21A09000-263	ASS'Y – HYDRAULIC HOSE
12	2	21A09000-222	ASS'Y – HYDRAULIC HOSE
13	2	21A09000-220	ASS'Y – HYDRAULIC HOSE
14	1	21A09000-219	ASS'Y – HYDRAULIC HOSE
16	2	AN833-3D	FITTING – ELBOW
	4	NAS1149D0663J	WASHER, 0.39 ID, 0.063 THK, ALUMINUM
	2	AN924-3D	JAMB NUT
17	2	21A04000-079	LINE ASS'Y – HARD
18	2	21A04000-078	LINE ASS'Y – FLEX
19	2	21A09000-080	ASS'Y HYD HOSE
	2	63-190600-3	FITTING - END

SECTION 11
ELECTRICAL

CONTENTS

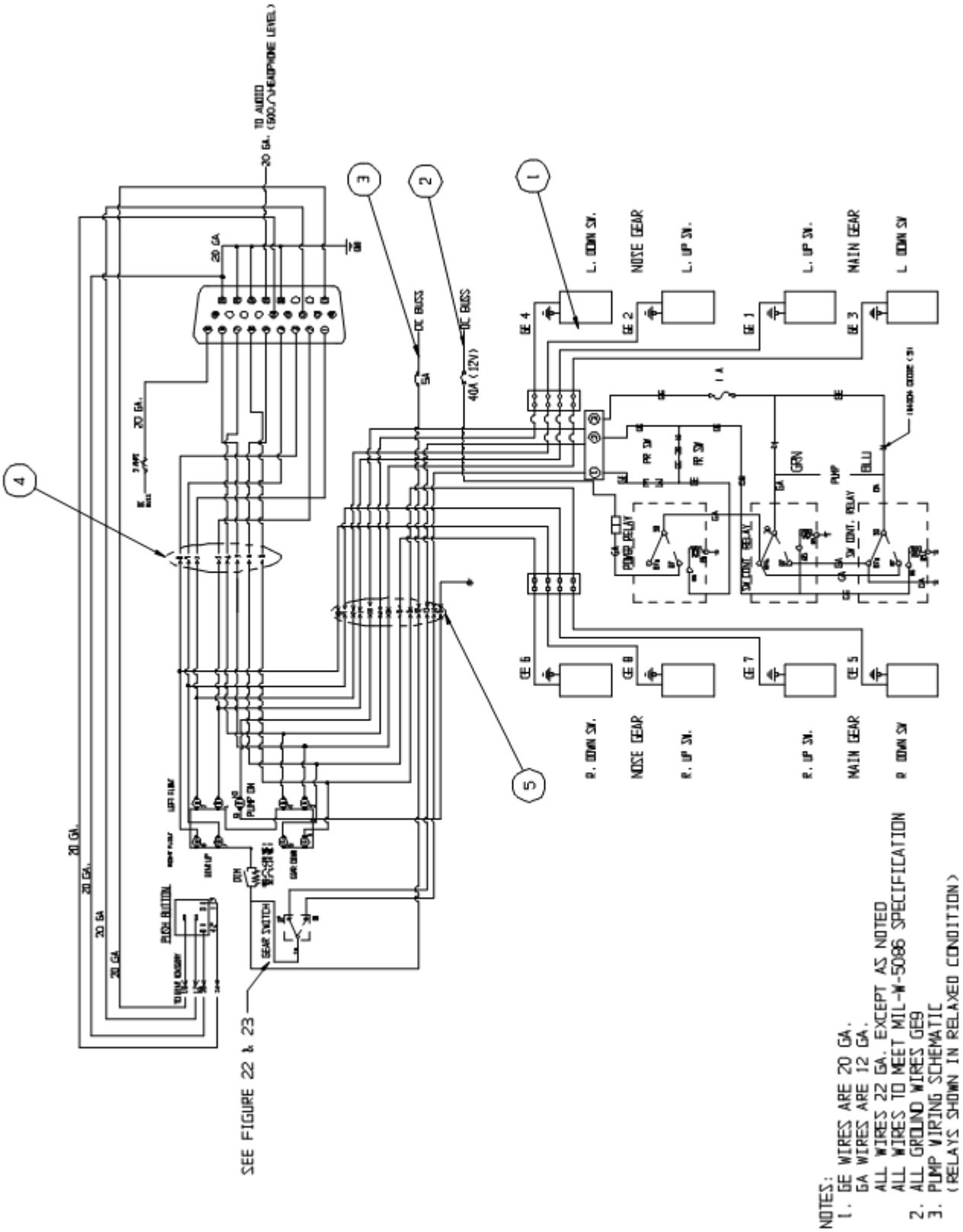
ELECTRICAL SCHEMATIC POST SERVICE LETTER 222 118
ELECTRICAL SCHEMATIC PRE SERVICE LETTER 222 120
GEAR CONTROL (ROUND) 122
GEAR CONTROL (RECTANGLE) 125

ELECTRICAL SCHEMATIC POST SERVICE LETTER 222



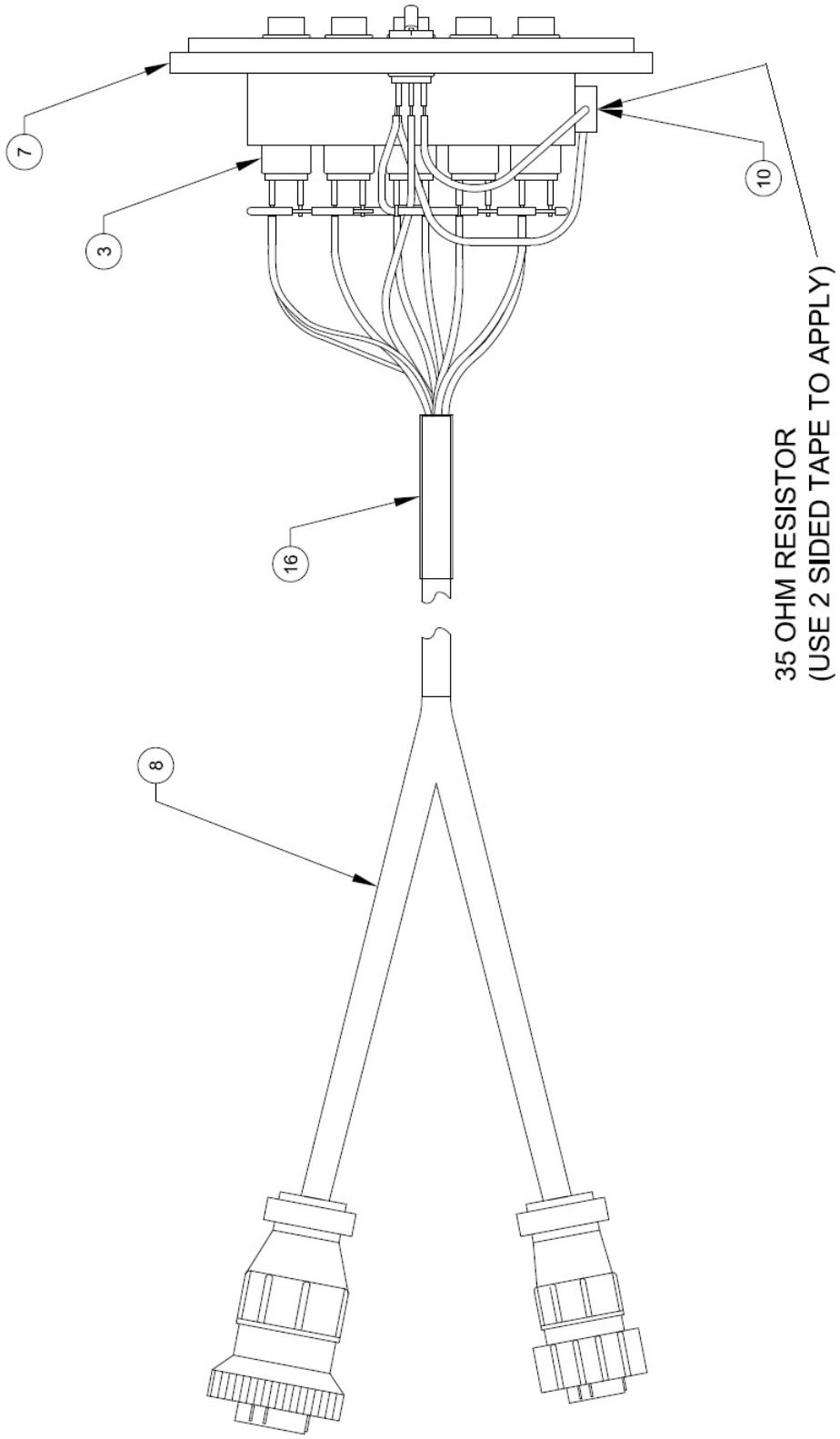
ITEM	QTY	PART NO.	PART DESCRIPTION
1	2	4-140	TERMINAL BLOCK, 4 POSITION
2	1	4A11000-011	WIRE HARNESS, GEAR SELECTOR, FLOATS, HYD. PUMP
3	8	5801	GEAR POSITION SWITCH, PROXIMITY, MAGNETIC
4	1	6A10000-004	WIRE HARNESS, LEFT FLOAT
5	1	6A10000-005	WIRE HARNESS, RIGHT FLOAT
6	1	7277-2-5	CIRCUIT BREAKER, 5 AMP
7	1	73F-250-32-NL	CONNECTOR, FEMALE, 12-10 AWG
8	1	73M-250-32-NL	CONNECTOR, MALE, 12-10 AWG
9	8	21A09005-262	CLIP, GEAR POSITION SWITCH HOLDER
10	8	S1635-1	PIN
11	8	S1636-1	SOCKET
12	8	S1637-1	HOUSING
13	8	S1637-2	HOUSING
14	1	W23-X1A1G-25	CIRCUIT BREAKER, 25 AMP, 24VDC
15	1	W23-X1A1G-40	CIRCUIT BREAKER, 40 AMP, 12VDC

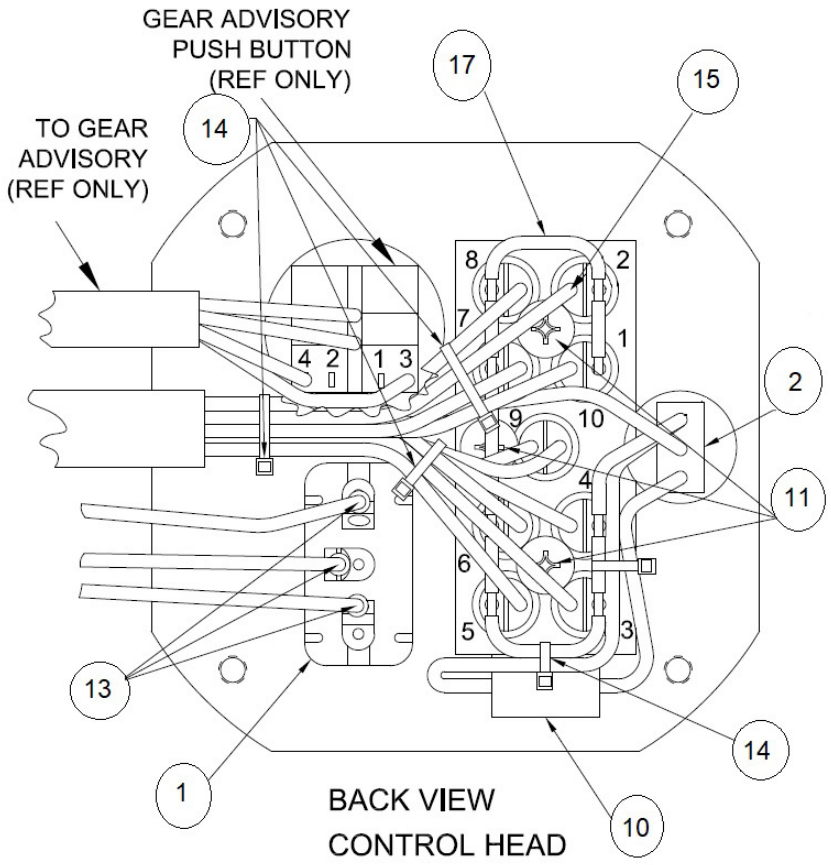
ELECTRICAL SCHEMATIC PRE SERVICE LETTER 222



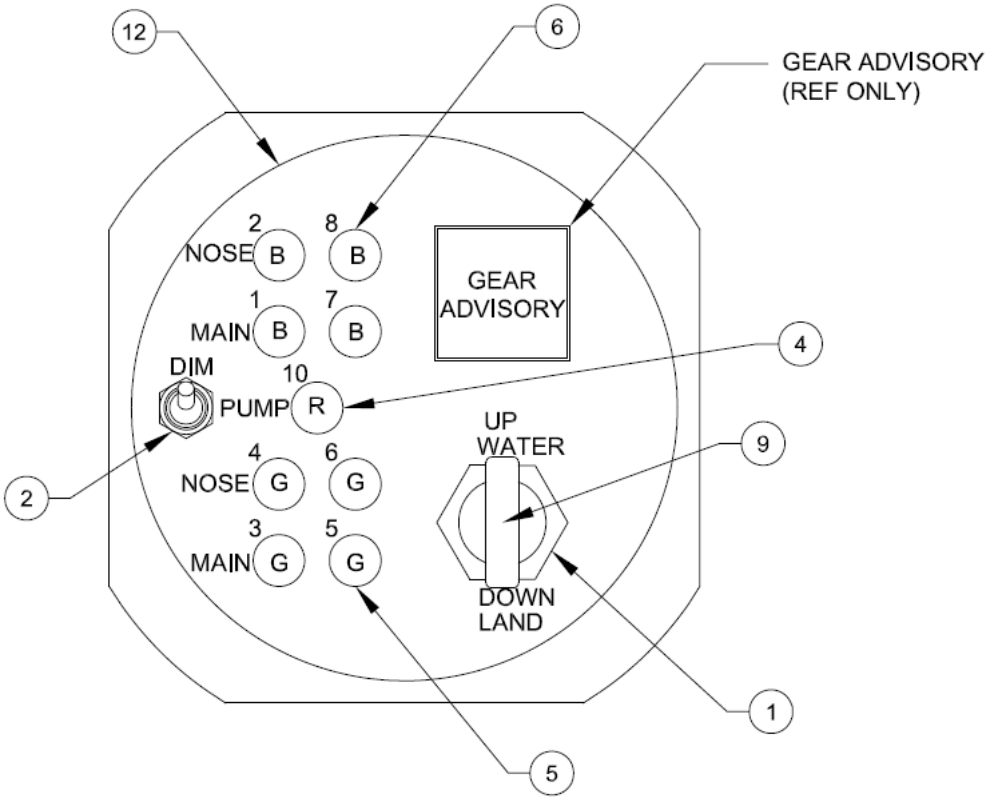
ITEM	QTY	PART NO.	PART DESCRIPTION
1	8	5801	SWITCH – PROXIMITY - MAGNETIC
	8	21A09005-262	CLIP – SWITCH HOLDER
2	1	W23-X1A1G-40	CIRCUIT BREAKER
3	1	7277-2-5	CIRCUIT BREAKER
4	1	4A11000-014	ASSEMBLY, WIRING HARNESS, GEAR ADVISORY
5	1	4A11000-011	ASSEMBLY, GEAR SELECTOR WIRING HARNESS

GEAR CONTROL (ROUND)



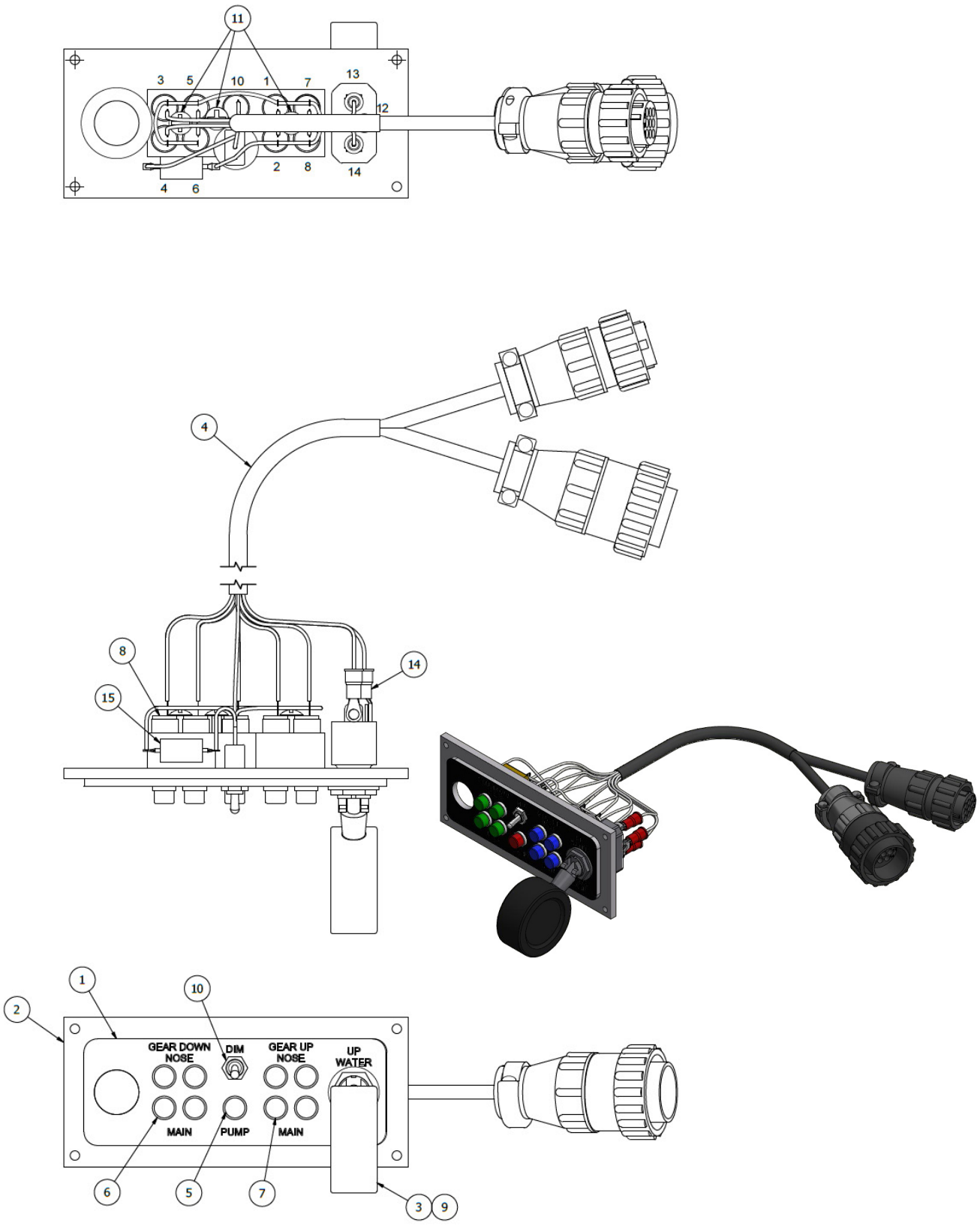


BACK VIEW
CONTROL HEAD



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21A11000-009	GEAR SELECTOR ASSY. ROUND (12V)
-	1	21A11000-019	ASSEMBLY, GEAR SELECTOR, ROUND (24V)
1	1	8857K44	SWITCH
2	1	A101SYCB	TOGGLE SWITCH, SPDT, ON-ON
3	9	515-0012	SOCKET
4	1	507-3914-1431-600F	INDICATOR LAMP, 14V, RED
	1	507-3918-1431-600F	INDICATOR LAMP, 28V, RED
5	4	507-3914-1432-600F	INICATOR LAMP, 14V, GREEN
	4	507-3918-1432-600F	INDICATOR LAMP, 28V, GREEN
6	4	507-3914-1434-600F	INDICATOR LAMP, 14V, BLUE
	4	507-3918-1434-600F	INDICATOR LAMP, 28V, BLUE
7	1	21A11179-001	BLOCK, GEAR CONTROL
8	1	4A11000-008	HARNESS ASSEMBLY, GEAR SELECTOR
9	1	21A11259-003	GEAR SWITCH KNOB
10	1	RH-5-35	RESISTOR, 14V, DALE RH5 5W
	1	RH005180R0FE02	RESISTOR, 28V, DALE RH5 5W
11	3	AN526-632R8	SCREW, TRUSS HEAD, 6-32
12	1	10B3-6202	PLACARD, ROUND 2100 GEAR SELECTOR
13	3	MS25036-102	RING CONNECTOR, #6, 20 AWG, RED
14	5	PLT1M-M	CABLE TIE
15	16 IN	M23053/5-105-9	SHRINK WRAP, 3/16, WHITE
16	3 IN	M23053/5-108-0	HEAT SHRINK TUBING
17	6 IN	22759-16-20-9	WIRE, 20 AWG, WHITE

GEAR CONTROL (RECTANGLE)



ITEM	QTY	PART NO.	PART DESCRIPTION
-	1	21A11000-010	ASSEMBLY, INDICATOR, GEAR CONTROL, SQUARE, 12V
-	1	21A11000-018	ASSEMBLY, GEAR SELECTOR, SQUARE (24V)
1	1	10B3-6277	PLACARD, GEAR CONTROL SQUARE
2	1	21A11179-002	BLOCK GEAR CONTROL SQUARE
3	1	21A11259-003	GEAR SWITCH KNOB
4	1	4A11000-008	WIRING HARNESS ASSY. SELECTOR
	3 IN	MS23053/5-108-0	HEAT SHRINK, BLACK, 1/2"
5	1	507-3914-1431-600F	LAMP LIGHT, RED 14V
	1	507-3918-1431-600F	INDICATOR LAMP, 28V, RED
6	4	507-3914-1432-600F	LAMP LIGHT, GREEN 14V
	4	507-3918-1432-600F	INDICATOR LAMP, 28V, GREEN
7	4	507-3914-1434-600F	LAMP LIGHT, BLUE, 14V
	4	507-3918-1434-600F	INDICATOR LAMP, 28V, BLUE
8	9	515-0012	SOCKET
9	1	8857K44	SWITCH
10	1	A101SYCB	TOGGLE SWITCH
11	3	AN526-632R8	SCREW, TRUSS HEAD MACHINE, 6-32 THREAD, 1/2" LENGTH
12	12"	M23053/5-103-0	HEAT SHRINK, BLACK, 3/32"
13	3	PLT1M-M	CABLE TIE, NYLON, WHITE, 4" (SMALL)
14	3	MS25036-102	TERMINAL, RING #6 STUD, 16-22 AWG, RED
15	1	RH-5-35	RESISTOR, 14V, DALE RH5 5W
	1	RH00518R0FE02	RESISTOR, 28V, DALE RH5 5W
16	6 IN	22759-16-20-9	WIRE, 20AWG, WHITE (NOT SHOWN)
17	16 IN	M23053/5-105-9	HEAT SHRINK, WHITE, 3/16" (NOT SHOWN)

SECTION 12
PLACARDS

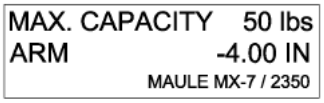
CONTENTS

PLACARDS 128

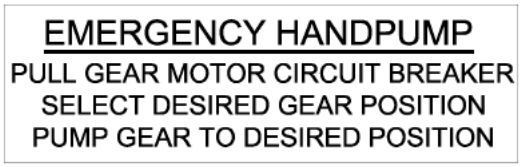
PLACARDS



10A3-6279



10A3-6503



10B3-6283-1



10A3-6509-1



10A3-6509-2



6B3-2243-2



10A3-6509-3



6B3-2243-3



10A3-6278

QTY	PART NO.	PART DESCRIPTION	LOCATION
1	10A3-6279	FLOAT OPERATION	IN FULL VIEW OF PILOT
1	10B3-6283-1	EMERGENCY HAND PUMP	EMERGENCY GEAR HAND PUMP
1	6B3-2243-2	WATER RUDDER UP FOR FLIGHT OPS	IN FULL VIEW OF PILOT
1	6B3-2243-3	GEAR UP FOR WATER LANDING	IN FULL VIEW OF PILOT
1	10A3-6278	WATER RUDDER CONTROL	NEAR WATER RUDDER HANDLE
2	10A3-6503	FLOAT BAGGAGE LIMITATIONS	BAGGAGE COMPARTMENT DOOR
1	10A3-6509-1	GEAR CIRCUIT BREAKER	GEAR SELECTOR CIRCUIT BREAKER
1	10A3-6509-2	GEAR CIRCUIT BREAKER	GEAR PUMP CIRCUIT BREAKER
1	10A3-6509-3	GEAR CIRCUIT BREAKER	GEAR ADVISORY CIRCUIT BREAKER