



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



**PARTS MANUAL  
FOR  
WIPLINE MODEL 6000 AND 6100  
AMPHIBIAN & SEAPLANE BONDED FLOATS  
SERIAL NUMBER 61499 AND PRIOR  
PILATUS**

**Revision T**

THIS PAGE INTENTIONALLY LEFT BLANK

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

### LOG OF REVISIONS

| Revision | Pages Affected                    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Date      |
|----------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| A-L      | All                               | For previous revision changes, reference Parts Manual for 6000/6100 Bonded Floats on Pilatus, Revision L, part number 1005258.                                                                                                                                                                                                                                                                                                                                                                       | 7/19/2022 |
| M        | 71-72, 92-94                      | Updated parts list in Cleveland/Parker Main Gear Wheel Assembly section. Updated image for Nose Gear Retraction Assembly, Upper End (T-Seals Installed) New Version section and part numbers.                                                                                                                                                                                                                                                                                                        | 1/26/2023 |
| N        | 85-88                             | Added image and parts list for 1012040 in Nose Fork and Pivot Assembly, Lower End Float Serial Numbers 61523A & 61524A And Later section. Added image and parts list for 1012041 Nose Fork With Pin Assembly Float Serial Numbers 61523A & 61524A And Later section. Updated title with float serial numbers 61521A & 61522A and prior for Nose Fork and Pivot Assembly, Lower End.                                                                                                                  | 9/6/2023  |
| P        | 18, 30                            | Removed canoe paddle parts 6A01156-058, 6A01156-059, 3A01158-093, 3A01503-001, and 0238-0068 due to being discontinued by manufacturer. Added new Canoe Paddle section image and parts list.                                                                                                                                                                                                                                                                                                         | 12/6/2023 |
| R        | 16, 79-84, 86, 88-90, 93, 95, 129 | Changed Nose Bumper 6A01635-003 to 6A01729-001. Updated image and renumbered item balloons in Main Gear Slide Tube Assembly with O-Rings. Updated image and parts list and added note in Nose Fork And Pivot Assembly, Lower End section. Updated image and parts list in Nose Wheel Assembly Without Tire section. Changed Wiper 6A07580-001 to 6A07580-005 and Wiper 8880500U to 8880510 in Nose Gear Retraction Assembly section. Corrected bulb part numbers in gear control indicator assembly. | 5/30/2025 |
| T        | 71                                | Changed Break Pad Bolt Washers MS20002CH to MS20002C4 in Cleveland/Parker Main Gear Wheel Assembly section.                                                                                                                                                                                                                                                                                                                                                                                          | 11/4/2025 |

View most current version of parts manual at [www.wipaire.com](http://www.wipaire.com).

THIS PAGE INTENTIONALLY LEFT BLANK

## TABLE OF CONTENTS

|                                                          |     |
|----------------------------------------------------------|-----|
| FLOAT PART SALES DEPARTMENT OPERATIONS .....             | 6   |
| INTRODUCTION .....                                       | 7   |
| SECTION 1 HULL ASSEMBLY – AMPHIBIAN AND SEAPLANE.....    | 9   |
| SECTION 2 MISCELLANEOUS HULL PARTS & CANOE PADDLE.....   | 25  |
| SECTION 3 WHEEL WELL AREA .....                          | 31  |
| SECTION 4 STEP AREA – SEAPLANE .....                     | 35  |
| SECTION 5 HULL EXTRUSIONS .....                          | 39  |
| SECTION 6 PUMPER TUBE .....                              | 45  |
| SECTION 7 STRUTS, STEPS, & SPREADER BAR .....            | 49  |
| SECTION 8 FUSELAGE .....                                 | 59  |
| SECTION 9 LANDING GEAR .....                             | 67  |
| SECTION 10 WATER RUDDER, STEERING, & RETRACT CABLES..... | 99  |
| SECTION 11 HYDRAULIC SYSTEM .....                        | 105 |
| SECTION 12 ELECTRICAL SCHEMATIC .....                    | 127 |

## 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](http://www.wipaire.com)

Email: [customerservice@wipaire.com](mailto: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

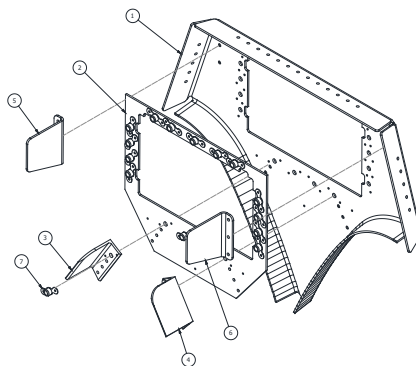
### COVERAGE

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               |

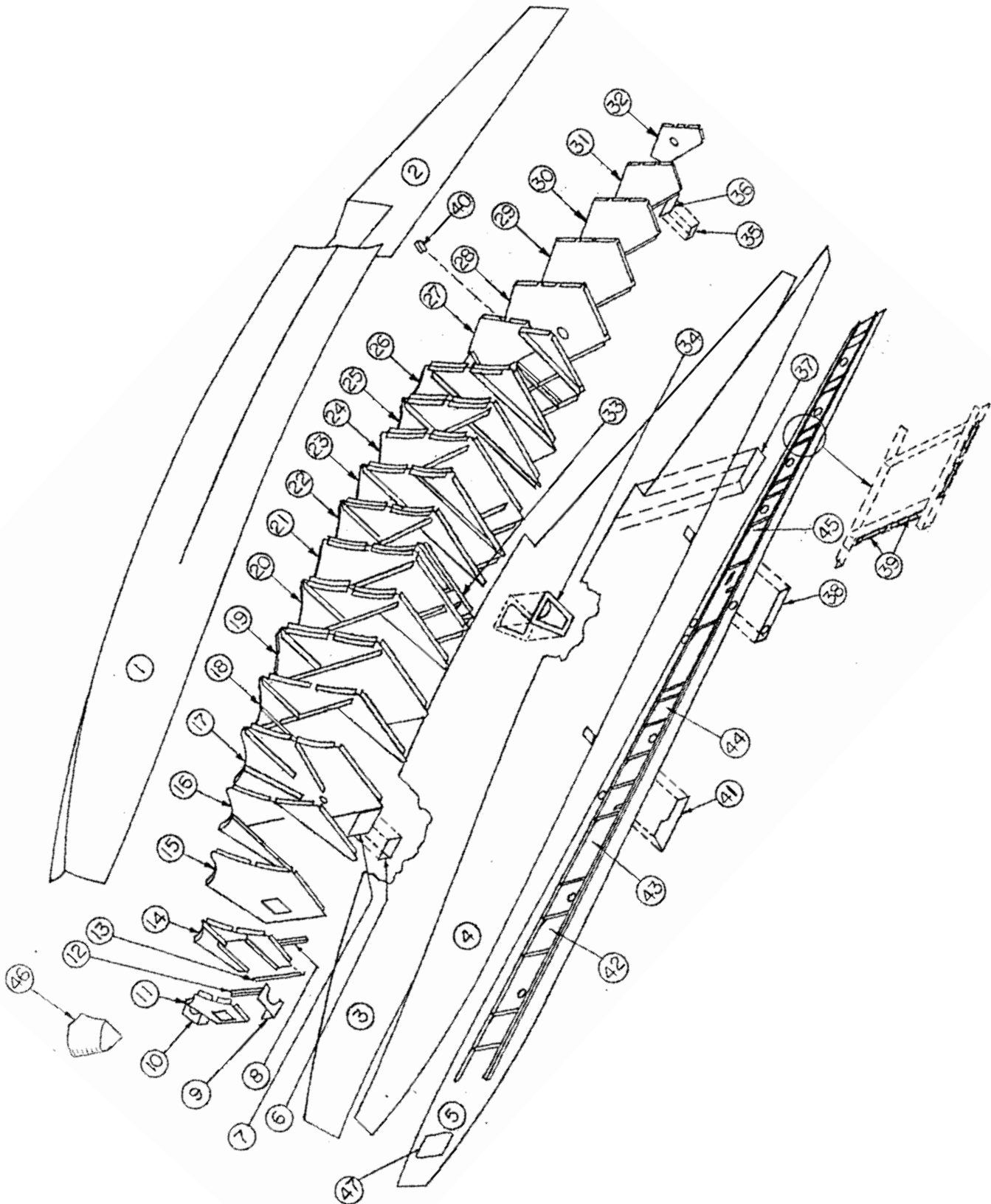
To order an individual part, order the part number associated with item number.

**SECTION 1**  
**HULL ASSEMBLY – AMPHIBIAN AND SEAPLANE**

**CONTENTS**

HULL ASSEMBLY - AMPHIBIAN .....10  
HULL ASSEMBLY - SEAPLANE .....17

## HULL ASSEMBLY - AMPHIBIAN



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION                  |
|------|-----|-------------|-----------------------------------|
| 1    | 1   | 6A01151-052 | SKIN, BTM., RT. FWD.              |
|      | 1   | 6A01151-051 | SKIN, BTM., LT. FWD.              |
| 2    | 1   | 6A01158-134 | SKIN, AB RT.                      |
|      | 1   | 6A01158-135 | SKIN, AB LT.                      |
| 3    | 1   | 6A01158-032 | SKIN, SIDE, OTBD., RT. FLOAT FWD. |
|      | 1   | 6A01158-033 | SKIN, SIDE, OTBD., LT. FLOAT FWD. |
| 4    | 1   | 6A01158-030 | SKIN, SIDE, INBD., RT. FLOAT FWD. |
|      | 1   | 6A01158-031 | SKIN, SIDE, INBD., LT. FLOAT FWD. |
| 5    | 1   | 6A01158-036 | SKIN, TOP RT. FLOAT               |
|      | 1   | 6A01158-037 | SKIN, TOP LT. FLOAT               |
|      | 1   | 6A01348-002 | ANGLE, TOP SKIN, LONG RT.         |
|      | 1   | 6A01348-001 | ANGLE, TOP SKIN, LONG LT.         |
|      | 2   | 6A01352-006 | ANGLE, SHORT BAGGAGE COMPARTMENT  |
|      | 2   | 6A01352-005 | ANGLE, SHORT INSPECTION COVERS    |
| 6    | 1   | 6A01156-015 | SPACER, CLEAT ATTACH              |
| 7    | 1   | 6A01156-016 | PLATE, CLEAT ATTACH               |
|      | 2   | 6A01213-003 | CLEAT, TIE DOWN                   |
| 8    | 1   | 6A01339-032 | STIFFENER, TOP SKIN RR.           |
| 9    | 2   | 6A01156-019 | GUSSET, NOSE BULK.                |
| 10   | 2   | 6A01156-020 | GUSSET, NOSE BULK.                |
| 11   | 1   | 6A01000-028 | ASS'Y., BULK. #1                  |
|      | 2   | 6A01359-004 | ANGLE, KEEL ATTACH                |
|      | 11  | MS21047L4   | NUT PLATE                         |
|      | 1   | 6A01156-009 | BULK.                             |
| 12   | 1   | 6A01339-030 | STIFFENER, TOP SKIN FWD.          |
| 13   | 1   | 6A01361-012 | STIFFENER, TOP SKIN, MIDDLE       |
| 14   | 1   | 6A01000-029 | ASS'Y., BULK. #2                  |
|      | 1   | 6A01158-006 | BULK. BTM.                        |
|      | 1   | 6A01005-033 | BULK. SIDE, LT.                   |
|      | 1   | 6A01005-034 | BULK. SIDE, RT.                   |
|      | 1   | 6A01359-007 | ANGLE, KEEL ATTACH, LT.           |
|      | 1   | 6A01359-008 | ANGLE, KEEL ATTACH, RT.           |
|      | 2   | 6A01359-009 | ANGLE, SISTER KEEL, ATTACH        |
| 15   | 1   | 6A01000-030 | ASS'Y., BULK. #3                  |
|      | 1   | 6A01158-007 | BULK., BTM.                       |
|      | 2   | 6A01005-035 | BULK., TOP                        |
|      | 1   | 6A01359-010 | ANGLE, KEEL ATTACH, RT.           |
|      | 1   | 6A01359-011 | ANGLE, KEEL ATTACH, LT.           |
|      | 1   | 6A01359-012 | ANGLE, SISTER KEEL ATTACH, RT.    |
|      | 1   | 6A01359-013 | ANGLE, SISTER KEEL ATTACH, LT.    |
|      | 1   | 6A01359-014 | ANGLE, NOSE BOX ATTACH, RT.       |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION               |
|------|-----|-------------|--------------------------------|
|      | 1   | 6A01359-015 | ANGLE, NOSE BOX ATTACH, LT.    |
|      | 2   | 6A01359-004 | ANGLE, TOP RAIL ATTACH         |
| 16   | 1   | 6A01000-031 | ASS'Y., BULK. #4               |
|      | 1   | 6A01158-008 | BULK., BTM.                    |
|      | 1   | 6A01005-036 | BULK., SIDE, RT.               |
|      | 1   | 6A01005-037 | BULK., SIDE, LT.               |
|      | 1   | 6A01359-016 | ANGLE, KEEL ATTACH, RT.        |
|      | 1   | 6A01359-017 | ANGLE, KEEL ATTACH, LT.        |
|      | 1   | 6A01359-001 | ANGLE, SISTER KEEL ATTACH      |
| 17   | 1   | 6A01000-032 | ASS'Y., BULK. #5               |
|      | 1   | 6A01158-009 | BULK., BTM.                    |
|      | 1   | 6A01005-038 | BULK., TOP                     |
|      | 1   | 6A01359-018 | ANGLE, KEEL ATTACH, RT.        |
|      | 1   | 6A01359-019 | ANGLE, KEEL ATTACH, LT.        |
|      | 1   | 6A01359-020 | ANGLE, SISTER KEEL ATTACH, RT. |
|      | 1   | 6A01359-021 | ANGLE, SISTER KEEL ATTACH, LT. |
|      | 1   | 6A01359-004 | ANGLE, TOP RAIL ATTACH         |
| 18   | 1   | 6A01000-033 | ASS'Y., BULK. #6               |
|      | 1   | 6A01158-010 | BULK., BTM.                    |
|      | 1   | 6A01005-040 | BULK., SIDE, RT.               |
|      | 1   | 6A01005-039 | ANGLE, KEEL ATTACH, LT.        |
|      | 1   | 6A01359-002 | ANGLE, KEEL ATTACH, RT.        |
|      | 1   | 6A01359-003 | ANGLE, KEEL ATTACH, LT.        |
|      | 1   | 6A01359-001 | ANGLE, SISTER KEEL ATTACH      |
| 19   | 1   | 6A01000-034 | ASS'Y., BULK. #7               |
|      | 1   | 6A01158-011 | BULK., BTM. FWD.               |
|      | 1   | 6A01158-012 | BULK., BTM. AFT                |
|      | 1   | 6A01005-042 | BULK., SIDE, RT.               |
|      | 1   | 6A01005-041 | BULK., SIDE, LT.               |
|      | 1   | 6A01359-002 | ANGLE, KEEL ATTACH, RT.        |
|      | 1   | 6A01359-003 | ANGLE, KEEL ATTACH, LT.        |
|      | 2   | 6A01359-001 | ANGLE, SISTER KEEL ATTACH      |
|      | 1   | 6A01359-023 | ANGLE, VERT., LT.              |
|      | 1   | 6A01359-022 | ANGLE, VERT., RT.              |
|      | 2   | 6A01359-004 | ANGLE, TOP RAIL ATTACH         |
|      | 1   | 6A01005-180 | BULK., SIDE, RT.               |
|      | 1   | 6A01359-092 | ANGLE, VERT. BEND              |
|      | 2   | 6A01361-025 | ANGLE SUPPORT                  |
| 20   | 1   | 6A01000-035 | ASS'Y., BULK., #8              |
|      | 1   | 6A01158-013 | BULK., BTM. FWD.               |
|      | 1   | 6A01158-014 | BULK., BTM. RR.                |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION                  |
|------|-----|-------------|-----------------------------------|
|      | 1   | 6A01005-043 | BULK., SIDE, LT.                  |
|      | 1   | 6A01005-044 | BULK., SIDE, RT.                  |
|      | 1   | 6A01359-002 | ANGLE, KEEL ATTACH, RT.           |
|      | 1   | 6A01359-003 | ANGLE, KEEL ATTACH, LT.           |
|      | 2   | 6A01359-001 | ANGLE, SISTER KEEL ATTACH         |
| 21   | 1   | 6A01000-036 | ASS'Y., BULK., #9 (RT. FLOAT)     |
|      | 1   | 6A01000-037 | ASS'Y., BULK., #9 (LT. FLOAT)     |
|      | 1   | 6A01156-054 | ANGLE, ATTACH, TOP (RT. FLOAT)    |
|      | 1   | 6A01156-055 | ANGLE, ATTACH, TOP (LT. FLOAT)    |
|      | 2   | 6A01150-119 | PLATE, SEAL SLOT                  |
|      | 1   | 6A01359-024 | ANGLE, KEEL ATTACH, RT.           |
|      | 1   | 6A01359-025 | ANGLE, KEEL ATTACH, LT.           |
|      | 1   | 6A01359-026 | ANGLE, SISTER KEEL ATTACH, RT.    |
|      | 1   | 6A01359-027 | ANGLE, SISTER KEEL ATTACH, LT.    |
|      | 1   | 6A01338-001 | PANEL, SPR. BAR, LT. BULK.        |
|      | 1   | 6A01338-002 | PANEL, SPR. BAR, RT. BULK.        |
|      | 1   | 6A01357-001 | ANGLE, SIDE BULK., LT.            |
|      | 1   | 6A01357-002 | ANGLE, SIDE BULK., RT.            |
|      | 1   | 6A01158-015 | BULK. BTM., FWD.                  |
|      | 1   | 6A01158-016 | BULK. BTM., RR.                   |
|      | 1   | 6A01005-045 | BULK., TOP                        |
|      | 1   | 6A01357-020 | ANGLE, PUMP MOUNT, RT. FLOAT ONLY |
|      | 1   | 6A01359-004 | ANGLE, ATTACH                     |
| 22   | 1   | 6A01000-038 | ASS'Y., BULK., #10                |
|      | 2   | 6A01158-017 | BULK., BTM.                       |
|      | 1   | 6A01005-046 | BULK., SIDE, RT.                  |
|      | 1   | 6A01005-047 | BULK., SIDE, LT.                  |
|      | 1   | 6A01359-002 | ANGLE, KEEL ATTACH, RT.           |
|      | 1   | 6A01359-003 | ANGLE, KEEL ATTACH, LT.           |
| 23   | 1   | 6A01000-039 | ASS'Y., BULK., #11                |
|      | 2   | 8A01158-128 | BULK. BTM.                        |
|      | 1   | 6A01005-048 | BULK. TOP                         |
|      | 1   | 6A01359-024 | ANGLE, KEEL ATTACH, RT.           |
|      | 1   | 6A01359-025 | ANGLE, KEEL ATTACH, LT.           |
|      | 1   | 6A02359-032 | ANGLE, SISTER KEEL ATTACH, RT.    |
|      | 1   | 6A01359-033 | ANGLE, SISTER KEEL ATTACH, LT.    |
|      | 2   | 6A01359-004 | ANGLE, TOP RAIL ATTACH            |
| 24   | 1   | 6A01000-040 | ASS'Y., BULK., #11A               |
|      | 2   | 8A01158-128 | BULK., BTM.                       |
|      | 1   | 6A01005-217 | BULK., TOP                        |
|      | 1   | 6A01359-024 | ANGLE, KEEL ATTACH, RT.           |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION               |
|------|-----|-------------|--------------------------------|
|      | 1   | 6A01359-025 | ANGLE, KEEL ATTACH, LT.        |
|      | 1   | 6A01359-032 | ANGLE, SISTER KEEL ATTACH, RT. |
|      | 1   | 6A01359-033 | ANGLE, SISTER KEEL ATTACH, LT. |
|      | 1   | 6A01359-034 | ANGLE, HORIZ. TUNNEL ATTACH    |
|      | 2   | 6A01359-004 | ANGLE, TOP RAIL ATTACH         |
|      | 1   | MS27130A7   | RIVNUT                         |
| 25   | 1   | 6A01000-041 | ASS'Y., BULK., #11B            |
|      | 2   | 8A01158-128 | BULK., BTM.                    |
|      | 1   | 6A01005-050 | BULK., SIDE, RT.               |
|      | 1   | 6A01005-049 | BULK., SIDE, LT.               |
|      | 1   | 6A01359-036 | ANGLE, KEEL ATTACH, RT.        |
|      | 1   | 6A01359-035 | ANGLE, KEEL ATTACH, LT.        |
|      | 1   | 6A01359-037 | ANGLE, HORIZ.                  |
| 26   | 1   | 6A01000-043 | ASS'Y., BULK., #12             |
|      | 1   | 8A01158-128 | BULK., BTM.                    |
|      | 1   | 6A01005-218 | BULK., TOP                     |
|      | 1   | 6A01359-024 | ANGLE, KEEL ATTACH, RT.        |
|      | 1   | 6A01359-025 | ANGLE, KEEL ATTACH, LT.        |
|      | 1   | 6A01000-062 | PANEL, ASS'Y., RT.             |
|      | 1   | 6A01000-063 | PANEL, ASS'Y., LT.             |
|      | 1   | 6A01359-040 | ANGLE, SISTER KEEL ATTACH, RT. |
|      | 1   | 6A01359-041 | ANGLE, SISTER KEEL ATTACH, LT. |
|      | 1   | 6A01359-038 | ANGLE, HORIZ. TOP              |
|      | 1   | 6A01359-039 | ANGLE, HORIZ. LWR.             |
|      | 2   | 6A01359-004 | ANGLE, TOP RAIL ATTACH         |
|      | 1   | 6A01008-005 | ANGLE, AFT, LT.                |
|      | 1   | 6A01008-056 | ANGLE, AFT, RT.                |
| 27   | 1   | 6A01000-045 | ASS'Y., BULK., #13, LT.        |
|      | 1   | 6A01000-174 | ASS'Y., BULK., #13, RT.        |
|      | 1   | 6A01008-006 | BODY, BULK., RT.               |
|      | 1   | 6A01008-119 | BODY, BULK., LT.               |
|      | 1   | 6A01002-031 | PANEL, BULK.                   |
|      | 1   | 6A01339-028 | ANGLE, SLIDE TUBE ATTACH, RT.  |
|      | 1   | 6A01339-029 | ANGLE, SLIDE TUBE ATTACH, LT.  |
|      | 1   | 6A01359-087 | ANGLE, VERT., LT.              |
|      | 1   | 6A01359-088 | ANGLE, VERT., RT.              |
|      | 1   | 6A01359-042 | ANGLE, HORIZ., LONG            |
|      | 2   | 6A01008-009 | ANGLE, HORIZ., SHORT           |
|      | 2   | 6A01359-004 | ANGLE, RAIL ATTACH             |
|      | 1   | 6A01361-003 | ANGLE, SISTER KEEL, AB.        |
|      | 1   | 6A01361-036 | ANGLE, SISTER KEEL             |

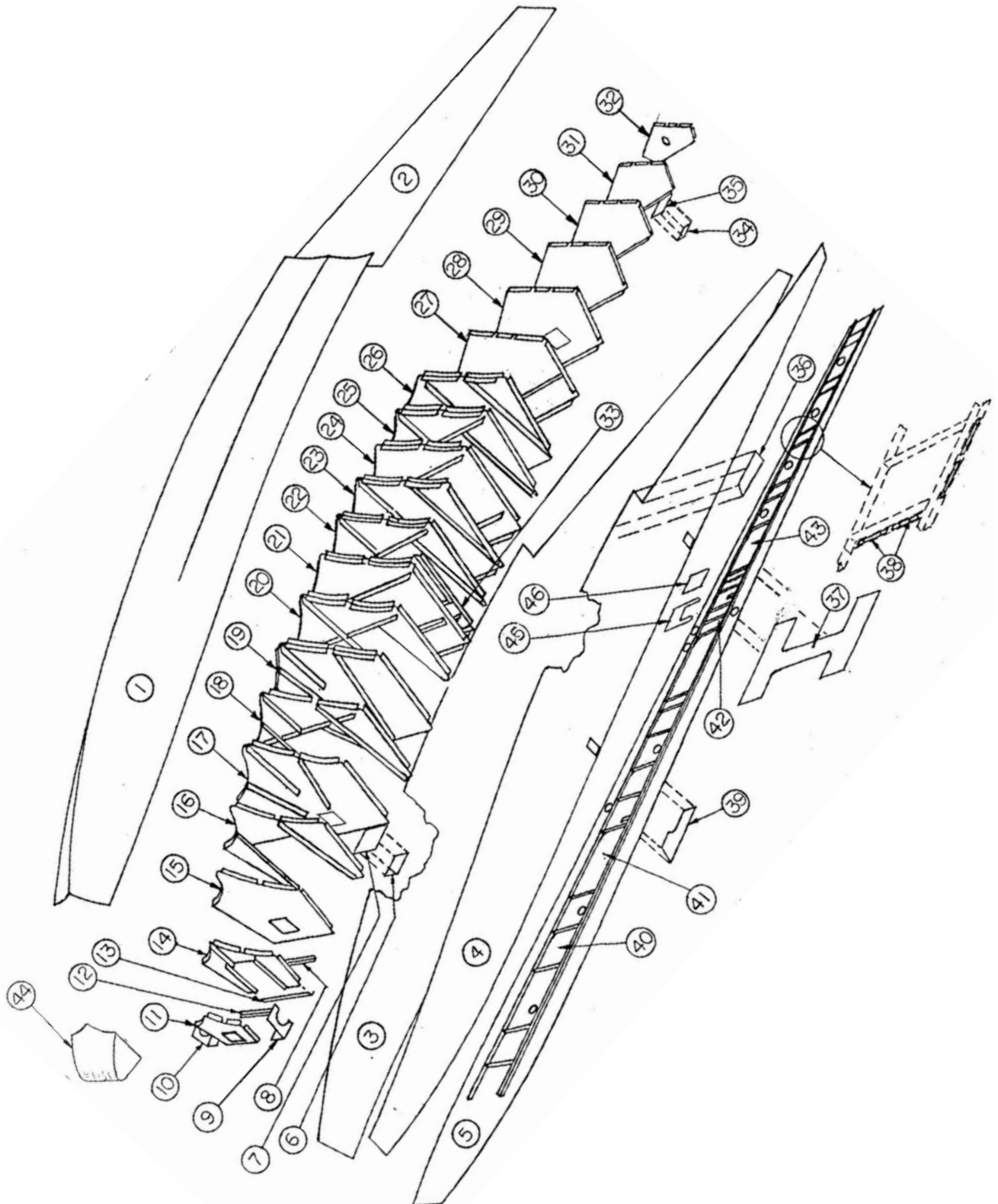
PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.           | PART DESCRIPTION                                 |
|------|-----|--------------------|--------------------------------------------------|
| 28   | 1   | 6A01000-047        | ASS'Y., BULK., #14                               |
|      | 1   | 6A01002-033        | BODY, BULK.                                      |
|      | 6   | 6A01359-004        | ANGLE, RAIL ATTACH                               |
| 29   | 1   | 6A01000-048        | ASS'Y., BULK., #15                               |
|      | 1   | 6A01002-034        | BODY, BULK.                                      |
|      | 6   | 6A01359-004        | ANGLE, RAIL ATTACH                               |
| 30   | 1   | 6A01000-049        | ASS'Y., BULK., #16                               |
|      | 1   | 6A01002-035        | BODY, BULK.                                      |
|      | 6   | 6A01359-004        | ANGLE, RAIL ATTACH                               |
| 31   | 1   | 6A01000-050        | ASS'Y., BULK., #17                               |
|      | 1   | 6A01002-036        | BODY, BULK.                                      |
|      | 6   | 6A01359-004        | ANGLE, RAIL ATTACH                               |
|      | 2   | 6A01156-070        | DOUBLER CABLE                                    |
| 32   | 1   | 6A01000-051        | ASS'Y., BULK., #18                               |
|      | 1   | 6A01002-037        | BODY, BULK.                                      |
|      | 6   | 6A01359-004        | ANGLE, RAIL ATTACH                               |
|      | 1   | 3A01437-001        | PIVOT, CASTING                                   |
|      | 1   | 6A01352-004        | ANGLE, TOP SKIN                                  |
|      | 1   | 6A01361-001        | ANGLE, REINFORCEMENT                             |
|      | 1   | 6A01361-002        | ANGLE, REINFORCEMENT                             |
|      | 1   | 6A01359-044        | ANGLE, REINFORCEMENT                             |
| 33   | 1   | 6A01000-052        | ASS'Y., FT., SPR. BAR PANEL, RT.                 |
|      | 1   | 6A01000-053        | ASS'Y., FT., SPR. BAR PANEL, LT.                 |
|      | 1   | 6A01338-003        | PANEL, FT. SPR. BAR, LT.                         |
|      | 1   | 6A01338-004        | PANEL, FT. SPR. BAR, RT.                         |
|      | 1   | 6A01357-003        | ANGLE, FT. SPR. BAR PANEL, LT.                   |
|      | 1   | 6A01357-004        | ANGLE, FT. SPR. BAR PANEL, RT.                   |
| 34   | 1   | 3A01000-005        | ASS'Y., STEP BOARDING                            |
| 35   | 1   | 6A01156-015        | SPACER, CLEAT ATTACH                             |
| 36   | 1   | 6A01156-016        | PLATE, CLEAT ATTACH                              |
| 37   | 2   | 6A01002-038        | GUSSET, SIDE SKIN                                |
| 38   | 1   | 6A01008-022        | DOUBLER, TOP SKIN, RR.                           |
| 39   | A/R | 1002481            | PLATENUT, TINNEMAN WITH TAPE                     |
| 40   | 2   | 6A01361-003        | ANGLE, RR. SISTER KEEL ATTACH                    |
| 41   | 1   | 6A01008-021        | DOUBLER, TOP SKIN, FT.                           |
| 42   | 6   | 6A01000-456        | ASS'Y., INSPECTION COVER (10")                   |
|      | 6   | 3A01567-008        | RUBBER GASKET                                    |
| 43   | 1   | 6A01000-123        | ASS'Y., BAGGAGE COVER, METAL HINGE               |
|      | 1   | 6A01000-073        | ASS'Y., BAGGAGE COVER, PLASTIC HINGE (OLD STYLE) |
|      | 1   | 1 1/2" BLACK HINGE | HINGE, CONT. (SHEPARD CO. - PLASTIC) (OLD STYLE) |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION                        |
|------|-----|-------------|-----------------------------------------|
|      | 2   | 6A01000-166 | LATCH (SOUTHCO) (OLD STYLE)             |
|      | 2   | 3A01525-003 | SPRING LOCK                             |
|      | 2   | 3A01273-004 | LOCK INSERT                             |
|      | 2   | 3A01702-004 | LOCK CATCH                              |
|      | 2   | 1002663     | RING LOCK OPENING                       |
|      | 2   | 3A01206-001 | BLOCK RETAINER                          |
|      | 1   | 1085-1MDC   | SEAL                                    |
|      | 18  | 1001571     | POP RIVETS                              |
| 44   | 1   | 6A01000-072 | ASS'Y., INSPECTION COVER (8.75")        |
|      | 1   | 6A01567-003 | RUBBER GASKET                           |
| 45   | 1   | 6A01000-071 | ASS'Y., INSPECTION COVER (17.5")        |
|      | 1   | 6A01567-004 | RUBBER GASKET                           |
| 46   | 1   | 6A01729-001 | NOSE BUMPER                             |
|      | 2   | 6A01359-051 | ANGLE, NOSE BUMPER ATTACH               |
| 47   | 1   | 6A01163-042 | INSPECTION COVER NOSE (MODEL 6100)      |
|      | 2   | 6A01156-014 | STIFFENER INSP. COVER                   |
|      | 1   | 6A01567-005 | RUBBER GASKET                           |
| 48   | 2   | 6A01008-074 | SPLASH RAILS CHINE (NOT SHOWN)          |
| 49   | 1   | 6A01008-133 | BAGGAGE FLOOR (AFT HALF) SOLID ALUM.LT. |
|      | 1   | 6A01008-134 | BAGGAGE FLOOR (AFT HALF) SOLID ALUM RT. |
|      | 1   | 6A01008-139 | BAGGAGE FLOOR (FWD. HALF) SOLID ALUM.   |

## HULL ASSEMBLY - SEAPLANE



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION                 |
|------|-----|-------------|----------------------------------|
| 1    | 1   | 6A01151-051 | SKIN, BTM., LT. HAND             |
|      | 1   | 6A01151-052 | SKIN, BTM., RT. HAND             |
| 2    | 1   | 6S01158-132 | SKIN, AB RT. HAND                |
|      | 1   | 6S01158-133 | SKIN, AB LT. HAND                |
| 3    | 1   | 6S01158-034 | SKIN, SIDE, 0TBD, RT. FLOAT      |
|      | 1   | 6S01158-035 | SKIN, SIDE, 0TBD, LT. FLOAT      |
| 4    | 1   | 6A01158-030 | SKIN, SIDE, INBD., RT. FLOAT     |
|      | 1   | 6A01158-031 | SKIN, SIDE, INBD., LT. FLOAT     |
| 5    | 1   | 6S01158-038 | SKIN, TOP, RT. FLOAT             |
|      | 1   | 6S01158-039 | SKIN, TOP, LT. FLOAT             |
|      | 1   | 6A01348-002 | ANGLE, TOP SKIN, LONG RT.        |
|      | 1   | 6A01348-001 | ANGLE, TOP SKIN, LONG LT.        |
|      | 2   | 6A01352-006 | ANGLE, SHORT BAGGAGE COMPARTMENT |
|      | 2   | 6A01352-005 | ANGLE, SHORT INSPECTION COVERS   |
| 6    | 1   | 6A01156-015 | SPACER, CLEAT ATTACH             |
| 7    | 1   | 6A01156-016 | PLATE, CLEAT ATTACH              |
|      | 2   | 6A01213-003 | CLEAT, TIE DOWN                  |
| 8    | 1   | 6A01339-032 | STIFFENER, TOP SKIN, RR.         |
| 9    | 2   | 6A01156-019 | GUSSET, NOSE BULK.               |
| 10   | 2   | 6A01156-020 | GUSSET, NOSE BULK.               |
| 11   | 1   | 6A01000-028 | ASS'Y., BULK., #1                |
|      | 2   | 6A01359-004 | ANGLE, KEEL ATTACH               |
|      | 1   | 6S01002-040 | COVER, NOSE BOX OPENING          |
|      | 1   | 6A01156-009 | BULK.                            |
|      | 11  | MS21047L4   | NUTPLATE, TWO LUG                |
| 12   | 1   | 6A01339-030 | STIFFENER, TOP SKIN, FWD.        |
| 13   | 1   | 6A01361-012 | STIFFENER, TOP SKIN, MIDDLE      |
| 14   | 1   | 6A01000-029 | ASS'Y., BULK., #2                |
|      | 1   | 6A01158-006 | BULK. BTM.                       |
|      | 1   | 6A01005-033 | BULK. SIDE, LT.                  |
|      | 1   | 6A01359-007 | ANGLE, KEEL ATTACH, LT.          |
|      | 1   | 6A01005-034 | BULK. SIDE, RT.                  |
|      | 1   | 6A01359-008 | ANGLE, KEEL ATTACH, RT.          |
|      | 2   | 6A01359-009 | ANGLE, SISTER KEEL, ATTACH       |
| 15   | 1   | 6A01000-030 | ASS'Y., BULK., #3                |
|      | 1   | 6A01158-007 | BULK., BTM.                      |
|      | 1   | 6A01005-035 | BULK., TOP                       |
|      | 1   | 6A01359-010 | ANGLE, KEEL ATTACH, RT.          |
|      | 1   | 6A01359-011 | ANGLE, KEEL ATACH, LT.           |
|      | 1   | 6A01359-012 | ANGLE, SISTER KEEL ATTACH, RT.   |
|      | 1   | 6A01359-013 | ANGLE, SISTER KEEL ATTACH, LT.   |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION               |
|------|-----|-------------|--------------------------------|
|      | 1   | 6A01359-014 | ANGLE, NOSE BOX ATTACH, RT.    |
|      | 1   | 6A01359-015 | ANGLE, NOSE BOX ATTACH, LT.    |
|      | 2   | 6A01359-004 | ANGLE, TOP RAIL ATTACH,        |
| 16   | 1   | 6A01000-031 | ASS'Y., BULK., #4              |
|      | 1   | 6A01158-008 | BULK., BTM.                    |
|      | 1   | 6A01005-036 | BULK. SIDE, RT.                |
|      | 1   | 6A01005-037 | BULK. SIDE, LT.                |
|      | 1   | 6A01359-016 | ANGLE, KEEL ATTACH, RT.        |
|      | 1   | 6A01359-017 | ANGLE, KEEL ATTACH, LT.        |
|      | 2   | 6A01359-001 | ANGLE, SISTER KEEL ATTACH      |
| 17   | 1   | 6A01000-032 | ASS'Y., BULK., #5              |
|      | 1   | 6A01158-009 | BULK., BTM.                    |
|      | 1   | 6A01005-038 | BULK., TOP                     |
|      | 1   | 6A01359-018 | ANGLE, KEEL ATTACH, RT.        |
|      | 1   | 6A01359-019 | ANGLE, KEEL ATTACH, LT.        |
|      | 1   | 6A01359-020 | ANGLE, SISTER KEEL ATTACH, RT. |
|      | 1   | 6A01359-021 | ANGLE, SISTER KEEL ATTACH, LT. |
|      | 2   | 6A01359-004 | ANGLE, TOP RAIL ATTACH         |
| 18   | 1   | 6A01000-033 | ASS'Y., BULK., #6              |
|      | 1   | 6A01158-010 | BULK., BTM.                    |
|      | 1   | 6A01005-040 | BULK. SIDE, RT.                |
|      | 1   | 6A01005-039 | BULK. SIDE, LT.                |
|      | 1   | 6A01359-002 | ANGLE, KEEL ATTACH, RT.        |
|      | 1   | 6A01359-003 | ANGLE, KEEL ATTACH, LT.        |
|      | 2   | 6A01359-001 | ANGLE, SISTER KEEL ATTACH      |
| 19   | 1   | 6A01000-034 | ASS'Y., BULK., #7              |
|      | 1   | 6A01158-011 | BULK., BTM. FWD.               |
|      | 1   | 6A01158-012 | BULK., BTM. RR.                |
|      | 1   | 6A01005-042 | BULK., SIDE RT.                |
|      | 1   | 6A01005-041 | BULK., SIDE LT.                |
|      | 1   | 6A01359-002 | ANGLE, KEEL ATTACH, RT.        |
|      | 1   | 6A01359-003 | ANGLE, KEEL ATTACH, LT.        |
|      | 2   | 6A01359-001 | ANGLE, SISTER KEEL ATTACH      |
|      | 1   | 6A01359-023 | ANGLE, VERT., LT.              |
|      | 1   | 6A01359-022 | ANGLE, VERT., RT.              |
|      | 2   | 6A01359-004 | ANGLE, TOP RAIL ATTACH         |
| 20   | 1   | 6A01000-035 | ASS'Y., BULK., #8              |
|      | 1   | 6A01158-013 | BULK., BTM. FWD.               |
|      | 1   | 6A01158-014 | BULK., BTM. RR.                |
|      | 1   | 6A01005-043 | BULK., SIDE, LT.               |
|      | 1   | 6A01005-044 | BULK., SIDE, RT.               |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION                |
|------|-----|-------------|---------------------------------|
|      | 1   | 6A01359-002 | ANGLE, KEEL ATTACH, RT.         |
|      | 1   | 6A01359-003 | ANGLE, KEEL ATTACH, LT.         |
|      | 2   | 6A01359-001 | ANGLE, SISTER KEEL ATTACH       |
|      | 1   | 6A01156-055 | ANGLE, TOP RAIL, LT.            |
|      | 1   | 6A01156-054 | ANGLE, TOP RAIL, RT.            |
|      | 2   | 6A01156-119 | PLATE, SEAL RAIL SLOT           |
| 21   | 1   | 6A01000-036 | ASS'Y., BULK., #9 (RT. FLOAT)   |
|      | 1   | 6A01000-037 | ASS'Y., BULK., #9 (LT. FLOAT)   |
|      | 1   | 6A01359-024 | ANGLE, KEEL ATTACH, RT.         |
|      | 1   | 6A01359-025 | ANGLE, KEEL ATTACH, LT.         |
|      | 1   | 6A01359-026 | ANGLE, SISTER KEEL ATTACH, RT.  |
|      | 1   | 6A01359-027 | ANGLE, SISTER KEEL ATTACH, LT.  |
|      | 1   | 6A01338-001 | PANEL, SPR. BAR, LT. BULK. ONLY |
|      | 1   | 6A01338-002 | PANEL, SPR. BAR, RT. BULK. ONLY |
|      | 1   | 6A01357-001 | ANGLE, SIDE BULK., LT.          |
|      | 1   | 6A01357-002 | ANGLE, SIDE BULK., RT.          |
|      | 1   | 6A01158-015 | BULK. BTM., FWD.                |
|      | 1   | 6A01158-016 | BULK. BTM., RR.                 |
|      | 1   | 6A01005-045 | BULK., TOP                      |
| 22   | 1   | 6A01000-038 | ASS'Y., BULK., #10              |
|      | 2   | 6A01158-017 | BULK. BTM.                      |
|      | 1   | 6A01005-046 | BULK., SIDE, RT.                |
|      | 1   | 6A01005-047 | BULK., SIDE, LT.                |
|      | 1   | 6A01359-002 | ANGLE, KEEL ATTACH, RT.         |
|      | 1   | 6A01359-003 | ANGLE, KEEL ATTACH, LT.         |
| 23   | 1   | 6A01000-039 | ASS'Y., BULK., #11              |
|      | 2   | 8A01158-128 | BULK. BTM.                      |
|      | 1   | 6A01005-048 | BULK. TOP                       |
|      | 1   | 6A01359-024 | ANGLE, KEEL ATTACH, RT.         |
|      | 1   | 6A01359-025 | ANGLE, KEEL ATTACH, LT.         |
|      | 1   | 6A01359-032 | ANGLE, SISTER KEEL ATTACH, RT.  |
|      | 1   | 6A01359-033 | ANGLE, SISTER KEEL ATTACH, LT.  |
|      | 2   | 6A01359-004 | ANGLE, TOP RAIL ATTACH          |
| 24   | 1   | 6A01000-040 | ASS'Y., BULK. #11A              |
|      | 2   | 8A01158-128 | BULK., BTM.                     |
|      | 1   | 6A01005-217 | BULK., TOP                      |
|      | 1   | 6A01359-024 | ANGLE, KEEL ATTACH, RT.         |
|      | 1   | 6A01359-025 | ANGLE, KEEL ATTACH, LT.         |
|      | 1   | 6A01359-032 | ANGLE, SISTER KEEL ATTACH, RT.  |
|      | 1   | 6A01359-033 | ANGLE, SISTER KEEL ATTACH, LT.  |
|      | 2   | 6A01359-004 | ANGLE, TOP RAIL ATTACH          |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION               |
|------|-----|-------------|--------------------------------|
|      | 1   | 6A01359-034 | ANGLE, HORIZ. TUNNEL ATTACH    |
| 25   | 1   | 6S01000-042 | ASS'Y., BULK., #11B            |
|      | 1   | 6S01158-112 | BULK., BTM AFT.                |
|      | 1   | 6A01005-050 | BULK., SIDE, RT.               |
|      | 1   | 6A01005-049 | BULK., SIDE, LT.               |
|      | 1   | 6A01359-036 | ANGLE, KEEL ATTACH, RT.        |
|      | 1   | 6A01359-035 | ANGLE, KEEL ATTACH, LT.        |
|      | 1   | 6A01359-037 | ANGLE, HORIZ.                  |
|      | 1   | 6S01158-111 | BULKHEAD, BOTTOM, FWD          |
| 26   | 1   | 6S01000-044 | ASS'Y., BULK., #12             |
|      | 1   | 6S01158-115 | BULK., BTM. FWD                |
|      | 1   | 6S01158-116 | BULK, BTM, AFT                 |
|      | 1   | 6S01005-219 | BULK., TOP                     |
|      | 1   | 6S01008-020 | ANGLE, KEEL ATTACH, RT.        |
|      | 1   | 6S01008-019 | ANGLE, KEEL ATTACH, LT.        |
|      | 1   | 6A01427-001 | ANGLE, VERT. INBD., LT.        |
|      | 1   | 6A01427-002 | ANGLE, VERT. INBD., RT.        |
|      | 1   | 6A01359-040 | ANGLE, SISTER KEEL ATTACH, RT. |
|      | 1   | 6A01359-041 | ANGLE, SISTER KEEL ATTACH, LT. |
|      | 1   | 6S01359-086 | ANGLE, HORIZ. TOP              |
|      | 1   | 6A01359-039 | ANGLE, HORIZ. LWR.             |
|      | 2   | 6A01359-004 | ANGLE, TOP RAIL ATTACH         |
| 27   | 1   | 6S01000-046 | ASS'Y., BULK., #13             |
|      | 1   | 6A01008-032 | BODY, BULK.                    |
|      | 2   | 6S01359-043 | ANGLE, HORIZ. AND VERT.        |
|      | 2   | 6A01359-004 | ANGLE, RAIL ATTACH             |
| 28   | 1   | 6A01000-047 | ASS'Y., BULK., #14 LT.         |
|      | 1   | 6A01000-176 | ASS'Y., BULK #14 RT            |
|      | 1   | 6A01002-033 | BODY, BULK.                    |
|      | 6   | 6A01359-004 | ANGLE, RAIL ATTACH             |
|      | 1   | 6A01002-120 | BODY, BULK., RT                |
|      | 2   | MS24665-136 | PIN, COTTER                    |
|      | 2   | 3A01151-010 | BRACKET PULLEY                 |
| 29   | 1   | 6A01000-048 | ASS'Y., BULK., #15             |
|      | 1   | 6A01002-034 | BODY, BULK.                    |
|      | 6   | 6A01359-004 | ANGLE, RAIL ATTACH             |
|      | 2   | 3A01151-010 | BRACKET PULLEY                 |
|      | 2   | MS24665-136 | PIN, COTTER                    |
|      | 2   | 6A01156-069 | DOUBLER, CABLE                 |
| 30   | 1   | 6A01000-049 | ASS'Y., BULK., #16             |
|      | 1   | 6A01002-035 | BODY, BULK.                    |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.           | PART DESCRIPTION                     |
|------|-----|--------------------|--------------------------------------|
|      | 6   | 6A01359-004        | ANGLE, RAIL ATTACH                   |
| 31   | 1   | 6A01000-050        | ASS'Y., BULK., #17                   |
|      | 1   | 6A01002-036        | BODY, BULK.                          |
|      | 6   | 6A01359-004        | ANGLE, RAIL ATTACH                   |
|      | 2   | MS24665-136        | PIN, COTTER                          |
|      | 2   | 6A01156-070        | DOUBLER, CABLE                       |
|      | 2   | 3A01151-010        | BRACKET PULLEY                       |
| 32   | 1   | 6A01000-051        | ASS'Y., BULK., #18                   |
|      | 1   | 6A01002-037        | BODY, BULK.                          |
|      | 6   | 6A01359-004        | ANGLE, RAIL ATTACH                   |
|      | 1   | 3A01437-001        | PIVOT, CASTING                       |
|      | 1   | 6A01352-004        | ANGLE, TOP SKIN, REINF.              |
|      | 1   | 6A01361-001        | ANGLE, REINF.                        |
|      | 1   | 6A01361-002        | ANGLE, REINF.                        |
|      | 1   | 6A01359-044        | ANGLE, REINF.                        |
| 33   | 1   | 6A01000-052        | ASS'Y., FT., SPR. BAR PANEL, RT.     |
|      | 1   | 6A01000-053        | ASS'Y., FT., SPR. BAR PANEL, LT.     |
|      | 1   | 6A01338-003        | PANEL, FT., SPR. BAR, LT.            |
|      | 1   | 6A01338-004        | PANEL, FT., SPR. BAR, RT.            |
|      | 1   | 6A01357-003        | ANGLE, FT., SPR. BAR PANEL, LT.      |
|      | 1   | 6A01357-004        | ANGLE, FT., SPR. BAR PANEL, RT.      |
| 34   | 1   | 6A01156-015        | SPACER, CLEAT ATTACH                 |
| 35   | 1   | 6A01156-016        | PLATE, CLEAT ATTACH                  |
| 36   | 2   | 6A01002-038        | GUSSET, SIDE SKIN                    |
| 37   | 1   | 6S01008-023        | DOUBLER, TOP SKIN, RR. OUTSIDE       |
| 38   | A/R | 1002481            | PLATENUT, TINNEMAN WITH TAPE         |
| 39   | 1   | 6A01008-021        | DOUBLER, TOP SKIN, FT.               |
| 40   | 6   | 6A01000-456        | ASS'Y., INSPECTION COVER (10")       |
| 41   | 1   | 6A01000-123        | ASS'Y., BAGGAGE COVER, METAL HINGE   |
|      | 1   | 6A01000-073        | ASS'Y., BAGGAGE COVER, PLASTIC HINGE |
|      | 1   | 1 1/2" BLACK HINGE | HINGE, CONT. (SHEPARD CO. - PASTIC)  |
|      | 2   | 6A01000-166        | LATCH (SOUTHCO)                      |
| 42   | 1   | 6A01000-072        | ASS'Y., INSPECTION COVER (8.75")     |
| 43   | 1   | 6A01000-071        | ASS'Y., INSPECTION COVER (17.5")     |
| 44   | 1   | 6S01731-001        | NOSE BUMPER                          |
|      | 2   | 6A01359-051        | ANGLE, NOSE BUMPER ATTACH, SIDE      |
|      | 2   | 6A01359-113        | ANGLE, NOSE BUMPER ATTACH, BOTTOM    |
| 45   | 1   | 6S01003-019        | DOUBLER, TOP SKIN, INSIDE            |
| 46   | 2   | 6S01003-044        | SPACER, TOP SKIN SPR. BAR PANELS     |
| 47   | 2   | 6A01008-074        | SPLASH RAILS CHINE (NOT SHOWN)       |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION             |
|------|-----|-------------|------------------------------|
| 48   | 1   | 6A01008-133 | BAGGAGE FLOOR (AFT HALF) LT. |
|      | 1   | 6A01008-134 | BAGGAGE FLOOR (AFT HALF) RT. |
|      | 1   | 6A01008-139 | BAGGAGE FLOOR (FWD HALF)     |

THIS PAGE INTENTIONALLY LEFT BLANK

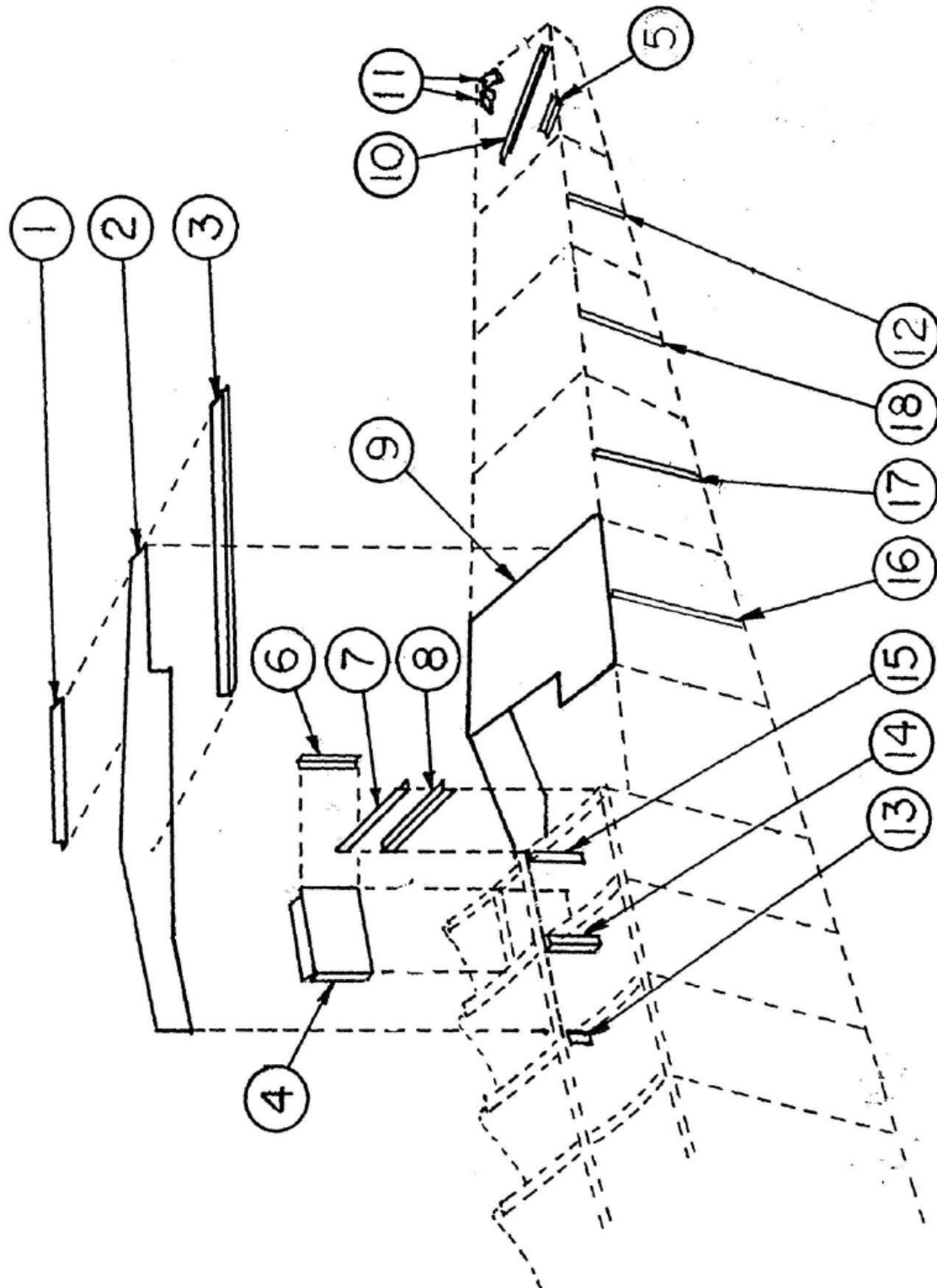
## **SECTION 2**

# **MISCELLANEOUS HULL PARTS & CANOE PADDLE**

### **CONTENTS**

|                                            |    |
|--------------------------------------------|----|
| MISCELLANEOUS HULL PARTS - AMPHIBIAN ..... | 26 |
| MISCELLANEOUS HULL PARTS - SEAPLANE .....  | 28 |
| CANOE PADDLE .....                         | 30 |

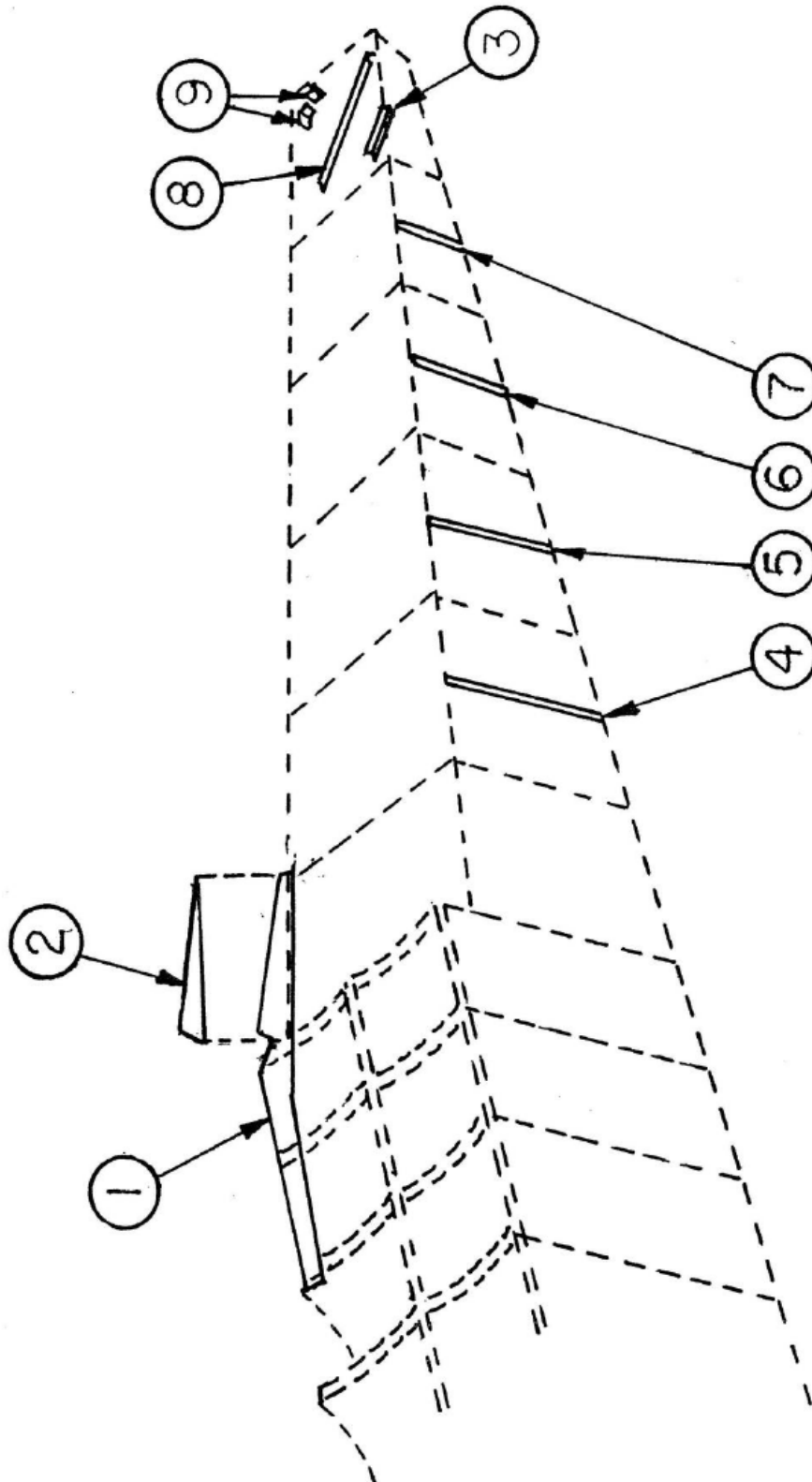
## MISCELLANEOUS HULL PARTS - AMPHIBIAN



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION                    |
|------|-----|-------------|-------------------------------------|
| 1    | 1   | 6A01008-011 | ANGLE, CARRYTHRU STRAP, LT.         |
|      | 1   | 6A01008-010 | ANGLE, CARRYTHRU STRAP, RT.         |
| 2    | 2   | 6A01001-003 | STRAP, CARRYTHRU                    |
| 3    | 1   | 6A01008-017 | ANGLE, CARRYTHRU STRAP OUTSIDE, LT. |
|      | 1   | 6A01008-016 | ANGLE, CARRYTHRU STRAP OUTSIDE, RT. |
| 4    | 1   | 6A01000-063 | ASS'Y., DRAG BRACE PANEL, LT.       |
|      | 1   | 6A01000-062 | ASS'Y., DRAG BRACE PANEL, RT.       |
| 5    | 1   | 6A01352-004 | ANGLE, TOP SKIN REINF.              |
| 6    | 1   | 6A01183-001 | ANGLE, DRAG BRACE ATTACH, LT.       |
|      | 1   | 6A01183-002 | ANGLE, DRAG BRACE ATTACH, RT.       |
| 7    | 1   | 6A01005-051 | ANGLE, OUTSIDE, AFT, LT.            |
|      | 1   | 6A01005-052 | ANGLE, OUTSIDE, AFT, RT.            |
| 8    | 1   | 6A01008-055 | ANGLE, INSIDE, AFT, LT.             |
|      | 1   | 6A01008-056 | ANGLE, INSIDE, AFT, RT.             |
| 9    | 1   | 6A01008-018 | PANEL, REINF.                       |
| 10   | 1   | 6A01359-044 | ANGLE, REINF. #18 BULK.             |
| 11   | 1   | 6A01361-001 | ANGLE, REINF. #18 BULK. BTM. LT.    |
|      | 1   | 6A01361-002 | ANGLE, REINF. #18 BULK. BTM. RT.    |
| 12   | 2   | 6A01151-047 | STIFFENER, SIDE                     |
| 13   | 2   | 6A01011-001 | SHIM, CARRYTHRU STRAP               |
| 14   | 1   | 6A01008-013 | ANGLE, CARRYTHRU STRAP, LT.         |
|      | 1   | 6A01008-012 | ANGLE, CARRYTHRU STRAP, RT.         |
| 15   | 1   | 6A01008-015 | ANGLE, CARRYTHRU STRAP, LT.         |
|      | 1   | 6A01008-014 | ANGLE, CARRYTHRU STRAP, RT.         |
| 16   | 2   | 6A01151-050 | STIFFENER, SIDE                     |
| 17   | 2   | 6A01151-049 | STIFFENER, SIDE                     |
| 18   | 2   | 6A01151-048 | STIFFENED, SIDE                     |

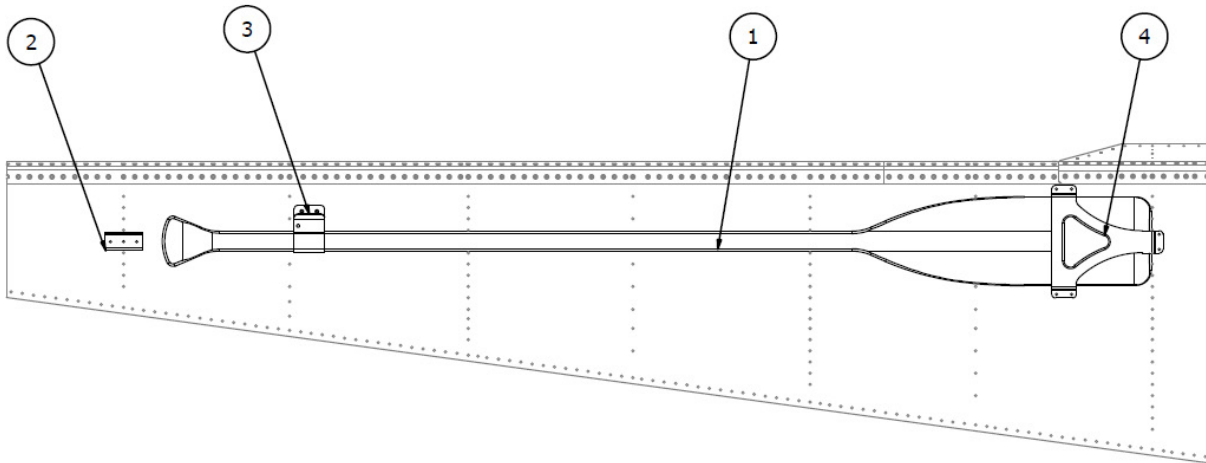
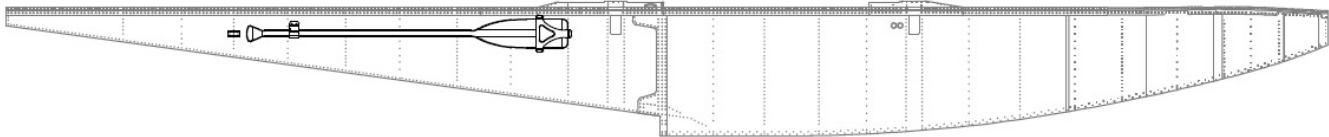
## MISCELLANEOUS HULL PARTS - SEAPLANE



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION                 |
|------|-----|-------------|----------------------------------|
| 1    | 2   | 6S01156-011 | STRAP, CARRYTHRU                 |
| 2    | 1   | 6S01156-012 | SPACER, CARRYTHRU STRAP          |
| 3    | 1   | 6A01352-004 | ANGLE, TOP SKIN REINF.           |
| 4    | 2   | 6A01151-050 | STIFFENER, SIDE                  |
| 5    | 2   | 6A01151-049 | STIFFENER, SIDE                  |
| 6    | 2   | 6A01151-048 | STIFFENER, SIDE                  |
| 7    | 2   | 6A01151-047 | STIFFENER, SIDE                  |
| 8    | 1   | 6A01359-044 | ANGLE, REINF. #18 BULK.          |
| 9    | 1   | 6A01361-001 | ANGLE, REINF. #18 BULK. BTM. LT. |
|      | 1   | 6A01361-002 | ANGLE, REINF. #18 BULK. BTM. RT. |

## CANOE PADDLE



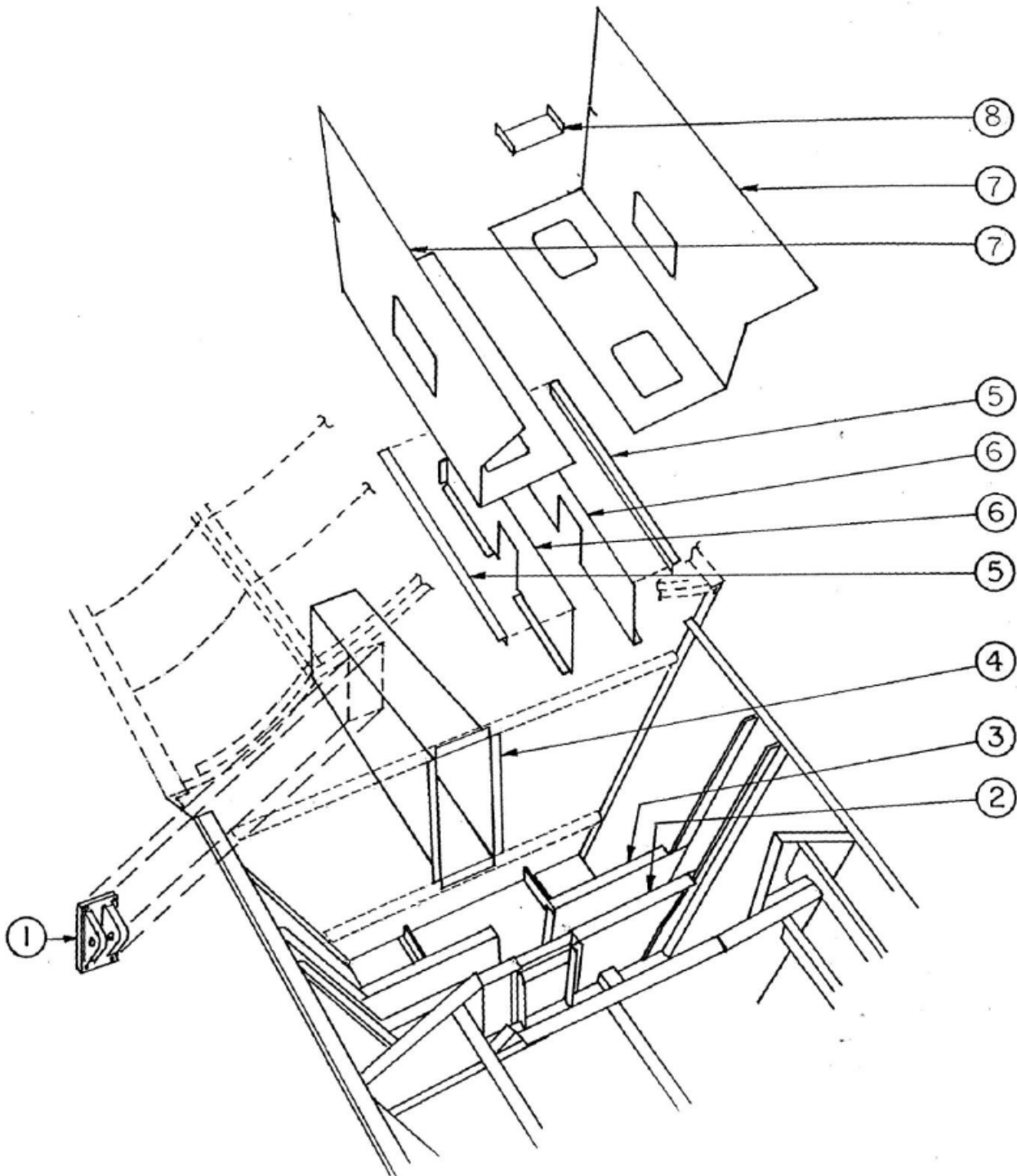
| ITEM | QTY | PART NO. | PART DESCRIPTION             |
|------|-----|----------|------------------------------|
| 1    | 1   | 1012328  | CANOE PADDLE, 5.5 FT         |
| 2    | 1   | 1005676  | BRACKET, CANOE PADDLE STOP   |
| 3    | 1   | 1005677  | CLIP, MOUNTING, CANOE PADDLE |
| 4    | 1   | 1005678  | BRACKET, CANOE PADDLE        |

**SECTION 3**  
**WHEEL WELL AREA**

**CONTENTS**

WHEEL WELL AREA .....32

## WHEEL WELL AREA



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION                     |
|------|-----|-------------|--------------------------------------|
| 1    | 2   | 6A04000-054 | ASS'Y., TRUNION MAIN GEAR            |
|      | 4   | 08DU08      | BEARING/BUSHING                      |
| 2    | 1   | 6A01000-057 | ASSY., RR. SPR. BAR PANEL AFT, LT.   |
|      | 1   | 6A01000-056 | ASSY., RR. SPR. BAR PANEL AFT, RT.   |
|      | 1   | 6A01338-009 | PANEL, RR. SPR. BAR, LT.             |
|      | 1   | 6A01338-010 | PANEL, RR. SPR. BAR, RT.             |
|      | 1   | 6A01357-005 | ANGLE, RR. SPR. BAR PANEL, LT.       |
|      | 1   | 6A01357-006 | ANGLE, RR. SPR. BAR PANEL, RT.       |
|      | 2   | 6A01359-045 | ANGLE, VERT. RR. SPR. BAR PANEL, LT. |
|      | 2   | 6A01359-046 | ANGLE, VERT. RR. SPR. BAR PANEL, RT. |
| 3    | 1   | 6A01000-055 | ASS'Y., RR. SPR. BAR PANEL FWD, LT.  |
|      | 1   | 6A01000-054 | ASS'Y., RR. SPR. BAR PANEL FWD, RT.  |
|      | 1   | 6A01338-005 | PANEL, RR. SPR. BAR, FT. LT.         |
|      | 1   | 6A01338-006 | PANEL, RR. SPR. BAR, FT. RT.         |
|      | 1   | 6A01357-007 | ANGLE, RR. SPR. BAR PANEL, LT.       |
|      | 1   | 6A01357-008 | ANGLE, RR. SPR. BAR PANEL, RT.       |
|      | 2   | 6A01359-045 | ANGLE, VERT. RR. SPR. BAR PANEL, LT. |
|      | 2   | 6A01359-046 | ANGLE, VERT. RR. SPR. BAR PANEL, RT. |
| 4    | 1   | 6A01000-064 | ASS'Y., TUNNEL                       |
|      | 1   | 6A01201-001 | FTG., END CAP                        |
|      | 1   | 6A01005-054 | COVER, TUNNEL                        |
|      | 1   | 6A01005-053 | TUNNEL                               |
|      | 2   | 6A01340-015 | ANGLE, TUNNEL                        |
|      | 1   | 6A01005-062 | TOP, FWD                             |
|      | 1   | 6A01005-063 | TOP, AFT                             |
| 5    | 1   | 6A01359-049 | ANGLE, WHEELWELL SUPPORT, LT.        |
|      | 1   | 6A01359-050 | ANGLE, WHEELWELL SUPPORT, RT.        |
| 6    | 1   | 6A01005-055 | PANEL, WHEELWELL, VERT. LT.          |
|      | 1   | 6A01005-056 | PANEL, WHEELWELL, VERT. RT.          |
| 7    | 1   | 6A01000-065 | ASS'Y., MAIN PANEL, WHEELWELL, LT.   |
|      | 1   | 6A01000-066 | ASS'Y., MAIN PANEL, WHEELWELL, RT.   |
|      | 1   | 6A01158-152 | COVER, INSPECTION, WHEELWELL, SM.    |
|      | 1   | 6A01158-151 | COVER, INSPECTION WHEELWELL, LG.     |
|      | 1   | 6A01156-013 | REINF., SM. COVER HOLE               |
|      | 1   | 6A01156-014 | REINF., LG. COVER HOLE               |
|      | 1   | 6A01005-057 | PANEL, WHEELWELL, LT.                |
|      | 1   | 6A01005-058 | PANEL, WHEELWELL, RT.                |
| 8    | 1   | 6A01005-061 | COVER, WHEELWELL SPR. BAR            |

THIS PAGE INTENTIONALLY LEFT BLANK

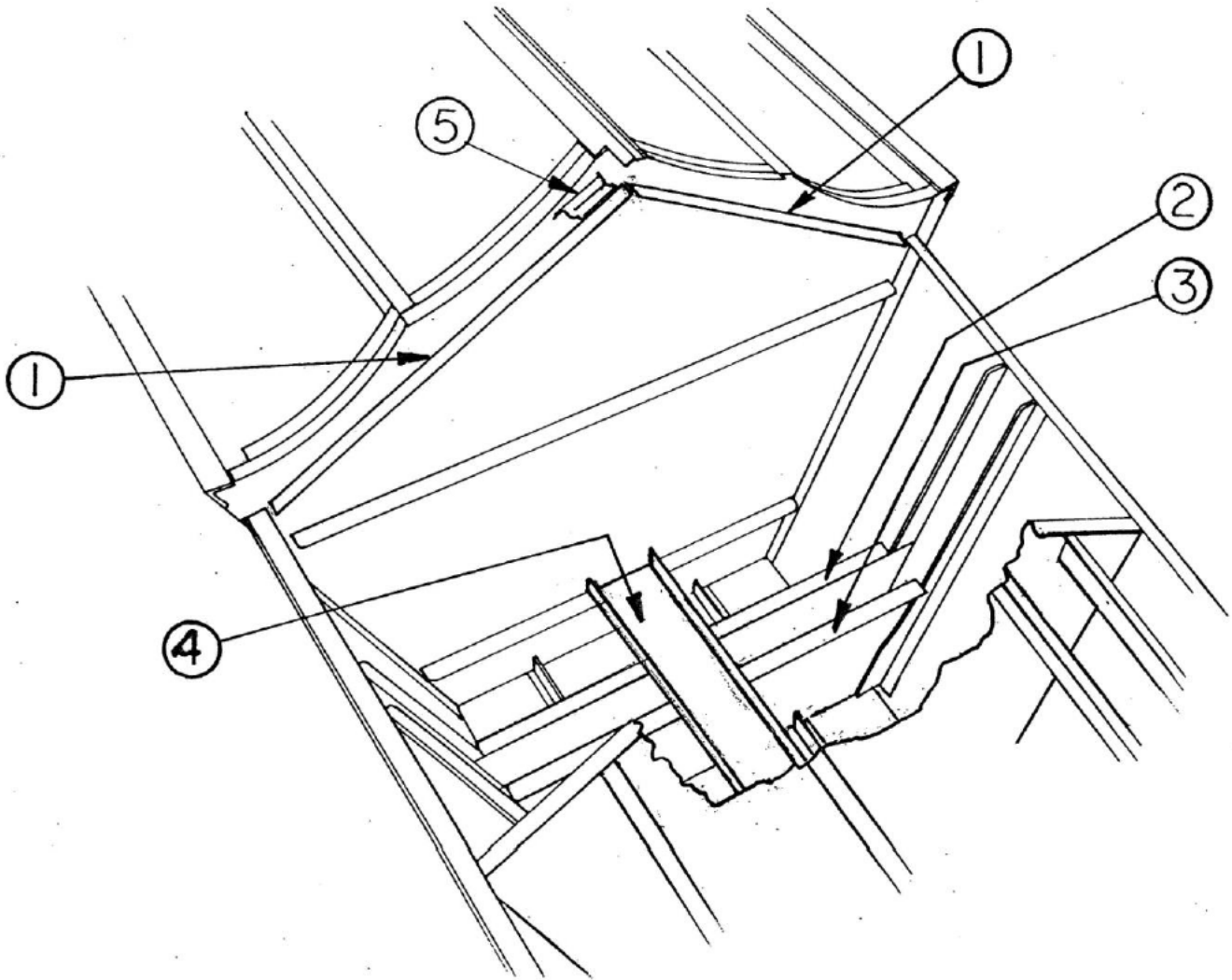
## **SECTION 4**

### **STEP AREA – SEAPLANE**

#### **CONTENTS**

|                           |    |
|---------------------------|----|
| STEP AREA - SEAPLANE..... | 36 |
|---------------------------|----|

## STEP AREA - SEAPLANE



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION                      |
|------|-----|-------------|---------------------------------------|
| 1    | 1   | 6S01008-019 | ANGLE, SKIN ATTACH, LOWER LT.         |
|      | 1   | 6S01008-020 | ANGLE, SKIN ATTACH, LOWER RT.         |
| 2    | 1   | 6S01000-059 | ASS'Y., SPR. BAR PANEL, AFT, LT.      |
|      | 1   | 6S01000-058 | ASS'Y., SPR. BAR PANEL, AFT, RT.      |
|      | 1   | 6S01338-007 | PANEL, RR. SPR. BAR FT., LT.          |
|      | 1   | 6S01338-008 | PANEL, RR. SPR. BAR FT., RT.          |
|      | 1   | 6A01357-007 | ANGLE, SPR. BAR PANEL, AFT, LT.       |
|      | 1   | 6A01357-008 | ANGLE, SPR. BAR PANEL, AFT, RT.       |
|      | 2   | 6A01359-045 | ANGLE, VERT. SPR. BAR PANEL, AFT, LT. |
|      | 2   | 6A01359-046 | ANGLE, VERT. SPR. BAR PANEL, AFT, RT. |
| 3    | 1   | 6S01000-061 | ASS'Y., SPR. BAR PANEL, AFT, LT.      |
|      | 1   | 6S01000-060 | ASS'Y., SPR. BAR PANEL, AFT, RT.      |
|      | 1   | 6S01338-011 | PANEL, SPR. BAR AFT, RR., LT.         |
|      | 1   | 6S01338-012 | PANEL, SPR. BAR AFT, RR., RT.         |
|      | 1   | 6A01357-005 | ANGLE, SPR. BAR PANEL, AFT, LT.       |
|      | 1   | 6A01357-006 | ANGLE, SPR. BAR PANEL, AFT, RT.       |
|      | 2   | 6A01359-045 | ANGLE, VERT. SPR. BAR PANEL, AFT, LT. |
|      | 2   | 6A01359-046 | ANGLE, VERT. SPR. BAR PANEL, AFT, RT. |
| 4    | 1   | 6S01155-003 | CHANNEL, SUPPORT                      |
| 5    | 1   | 6S01005-083 | ANGLE, AB SKIN ATTACH UPR., LT.       |
|      | 1   | 6S01005-082 | ANGLE, AB SKIN ATTACH UPR., RT.       |

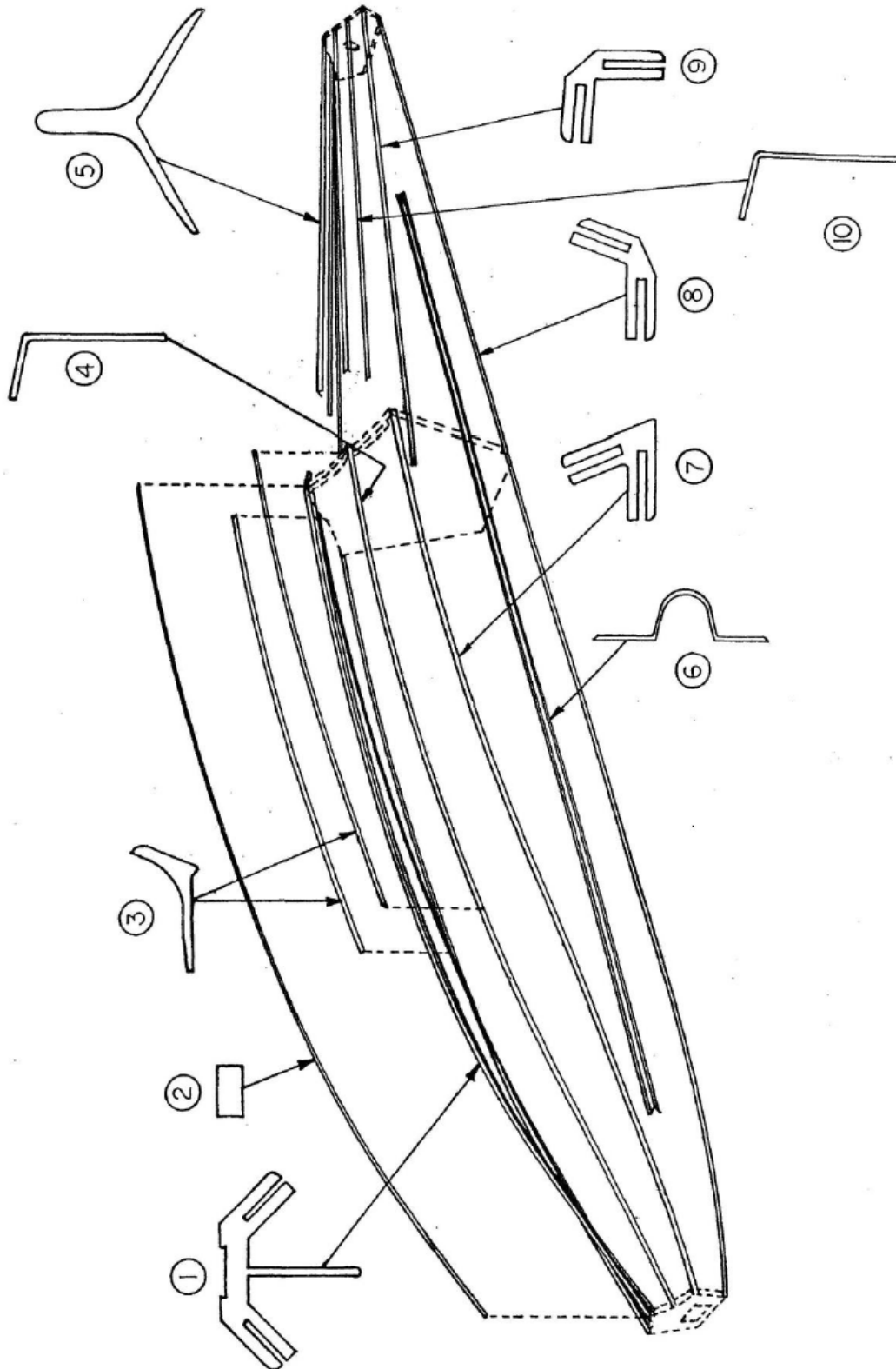
THIS PAGE INTENTIONALLY LEFT BLANK

**SECTION 5**  
**HULL EXTRUSIONS**

**CONTENTS**

HULL EXTRUSIONS - AMPHIBIAN .....40  
HULL EXTRUSIONS - SEAPLANE .....42

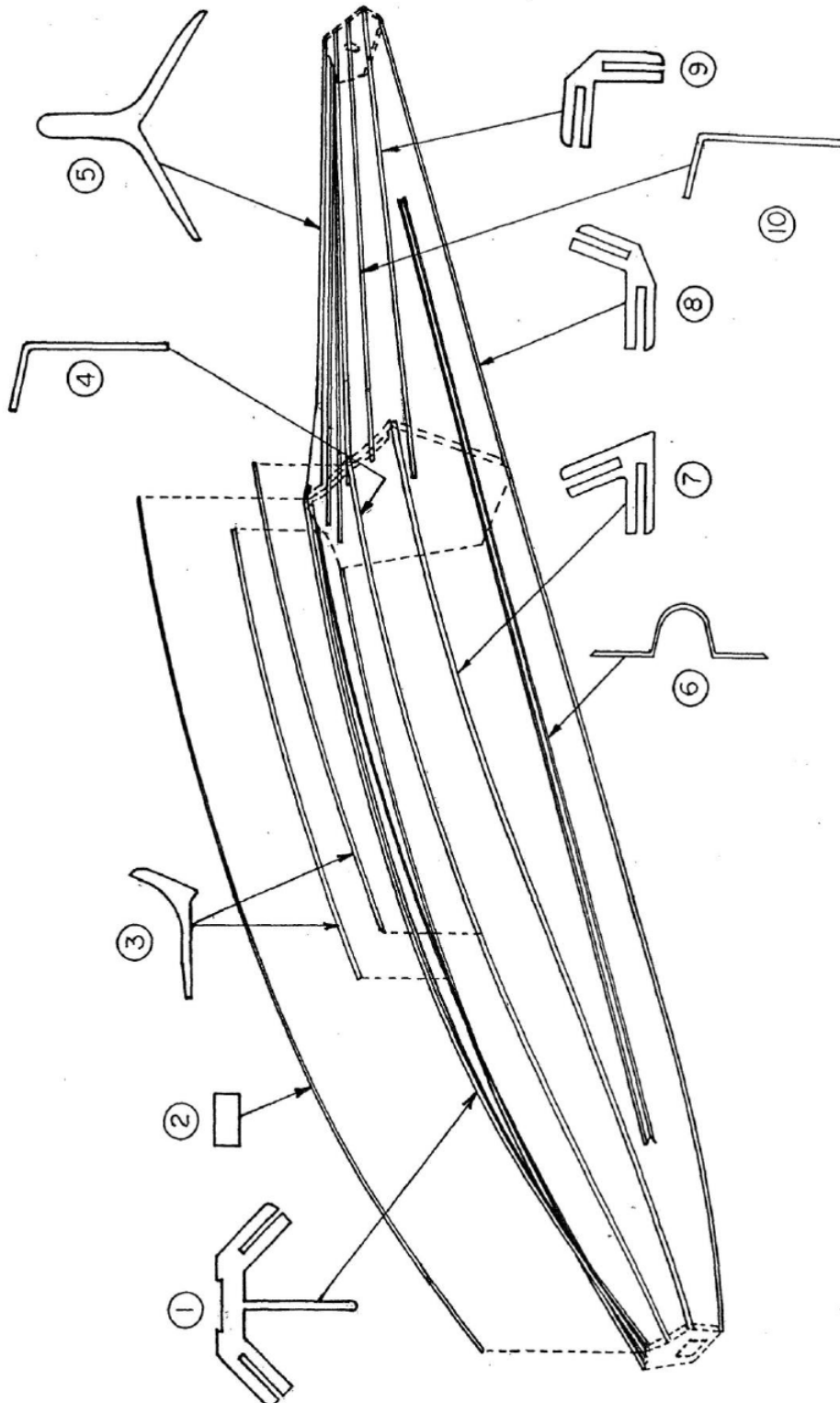
## HULL EXTRUSIONS - AMPHIBIAN



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION              |
|------|-----|-------------|-------------------------------|
| 1    | 1   | 6A01354-003 | KEEL, MAIN                    |
| 2    | 1   | 3A01200-001 | WEAR STRIP, KEEL              |
| 3    | 1   | 6A01342-003 | SISTER KEEL, OUTSIDE LT.      |
|      | 1   | 6A01342-004 | SISTER KEEL, OUTSIDE RT.      |
| 4    | 1   | 6A01361-005 | SISTER KEEL, INSIDE, FWD. LT. |
|      | 1   | 6A01361-004 | SISTER KEEL, INSIDE, FWD. RT. |
| 5    | 1   | 6A01347-003 | KEEL, AB                      |
| 6    | 2   | 6A01353-005 | STIFFENER, SIDE SKIN, LT      |
|      | 2   | 6A01353-004 | STIFFENER, SIDE SKIN, RT      |
| 7    | 1   | 6A01351-003 | CHINE, FT., LT.               |
|      | 1   | 6A01351-004 | CHINE, FT., RT.               |
| 8    | 1   | 8A01366-005 | GUNWALL, LT.                  |
|      | 1   | 6A01366-006 | GUNWALL, RT.                  |
| 9    | 1   | 6A01363-003 | CHINE, AB, LT.                |
|      | 1   | 6A01363-004 | CHINE, AB, RT.                |
| 10   | 1   | 6A01361-007 | SISTER KEEL, AB, INBD. LT.    |
|      | 1   | 6A01361-006 | SISTER KEEL, AB, INBD. RT.    |
|      | 1   | 6A01361-009 | SISTER KEEL, AB, OTBD. LT.    |
|      | 1   | 6A01361-008 | SISTER KEEL, AB, OTBD. RT.    |

## HULL EXTRUSIONS - SEAPLANE



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION              |
|------|-----|-------------|-------------------------------|
| 1    | 1   | 6S01354-004 | KEEL, MAIN                    |
| 2    | 1   | 3A01200-001 | WEAR STRIP, KEEL              |
| 3    | 1   | 6A01342-003 | SISTER KEEL, OUTSIDE LT.      |
|      | 1   | 6A01342-004 | SISTER KEEL, OUTSIDE RT.      |
| 4    | 1   | 6A01361-005 | SISTER KEEL, INSIDE, FWD. LT. |
|      | 1   | 6A01361-004 | SISTER KEEL, INSIDE, FWD. RT. |
| 5    | 1   | 6S01347-004 | KEEL, AB                      |
| 6    | 2   | 6A01353-005 | STIFFENER, SIDE SKIN, LT      |
|      | 2   | 6A01353-004 | STIFFENER, SIDE SKIN, RT      |
| 7    | 1   | 6A01351-003 | CHINE, FT., LT.               |
|      | 1   | 6A01351-004 | CHINE, FT., RT.               |
| 8    | 1   | 8A01366-005 | GUNWALL, LT.                  |
|      | 1   | 8A01366-006 | GUNWALL, RT.                  |
| 9    | 1   | 6A01363-003 | CHINE, AB, LT.                |
|      | 1   | 6A01363-004 | CHINE, AB, RT.                |
| 10   | 2   | 6S01361-011 | SISTER KEEL, AB, INBD. LT.    |
|      | 2   | 6S01361-010 | SISTER KEEL, AB, INBD. RT.    |

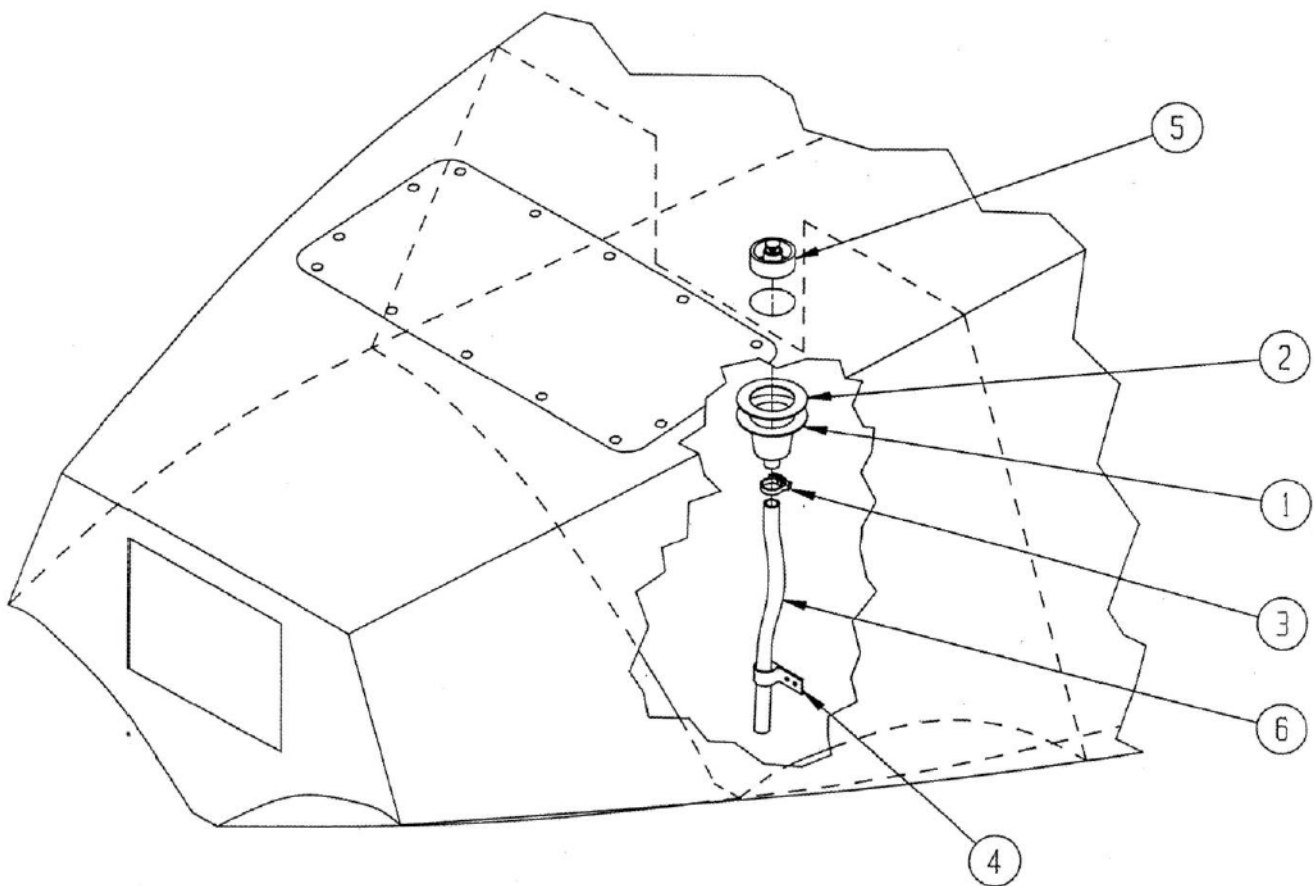
THIS PAGE INTENTIONALLY LEFT BLANK

**SECTION 6**  
**PUMPER TUBE**

**CONTENTS**

PUMPER TUBE .....46

## PUMPER TUBE



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION                             |
|------|-----|-------------|----------------------------------------------|
| 1    | 1   | 3A01650-002 | CUP, PUMP OUT (OLD STYLE)                    |
|      | 1   | 1011004     | ASSEMBLY, CUP, PUMPOUT, DUCKBILL (NEW STYLE) |
|      | 1   | 4A01749-001 | CUP, PUMP OUT                                |
|      | 1   | 1011808     | RETAINER, VALVE, DUCKBILL, PUMPOUT PLUG      |
| 2    | 1   | 3A01158-005 | RING, REINF. PUMP OUT CUP                    |
| 3    | 1   | 57134       | CLAMP, UPPER END                             |
| 4    | 1   | 3A01158-003 | CLAMP, LOWER END                             |
| 5    | 1   | 3A01000-023 | ASSY. STOPPER PUMPER CUP (OLD STYLE)         |
|      | 1   | 1011870     | VALVE, DUCKBILL (NEW STYLE)                  |
|      | 1   | 2111        | STOPPER (OLD STYLE)                          |
| 6    | 1   | 6A01618-019 | PUMPER TUBE, 12", #17                        |
|      | 1   | 6A01618-018 | PUMPER TUBE, 15 ½", #16                      |
|      | 1   | 6A01618-017 | PUMPER TUBE, 19", #15                        |
|      | 1   | 6A01618-016 | PUMPER TUBE, 22 ½", #14                      |
|      | 1   | 6A01618-014 | PUMPER TUBE, 23 ½", STN WW.                  |
|      | 1   | 6A01618-010 | PUMPER TUBE, 25 ¾", #5                       |
|      | 1   | 6A01618-015 | PUMPER TUBE, 27 ½", #13                      |
|      | 1   | 6A01618-011 | PUMPER TUBE, 31", #9                         |
|      | 1   | 6A01618-012 | PUMPER TUBE, 31 ½", #11                      |
|      | 1   | 6A01618-013 | PUMPER TUBE, 32 ½", #9 AND STEP              |

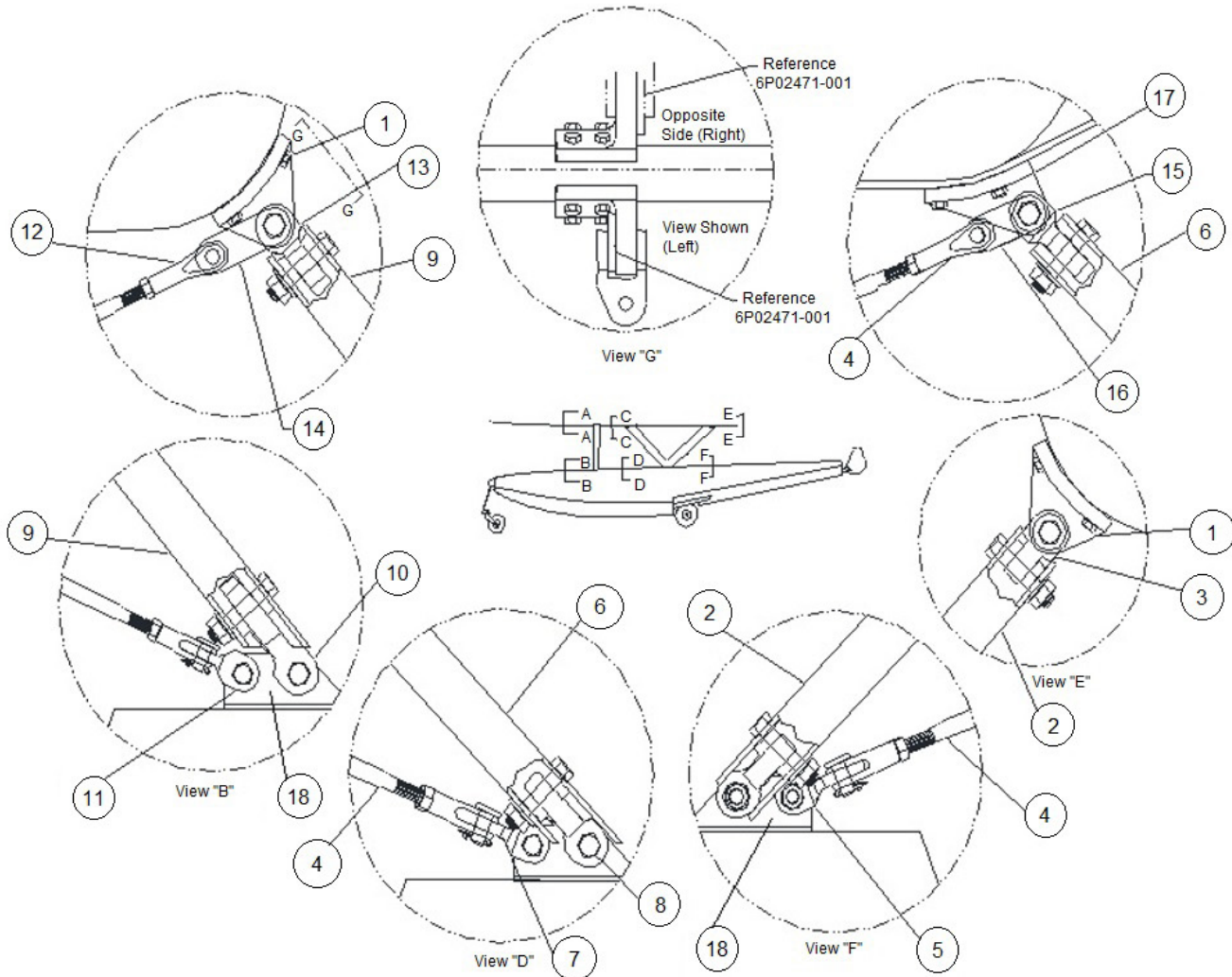
THIS PAGE INTENTIONALLY LEFT BLANK

**SECTION 7**  
**STRUTS, STEPS, & SPREADER BAR**

**CONTENTS**

STRUTS - FWD, CENTER, & AFT.....50  
UPPER AND LOWER STEP .....54  
AFT SPREADER BAR ASSEMBLY .....55  
FWD SPREADER BAR ASSEMBLY .....57

## STRUTS - FWD, CENTER, & AFT



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.      | PART DESCRIPTION                                          |
|------|-----|---------------|-----------------------------------------------------------|
| 1    | 2   | 6P02107-001   | FWD/AFT FUSELAGE STRUT FITTING                            |
|      | 2   | 6P02107-002   | FWD/AFT FUSELAGE STRUT FITTING                            |
|      | 8   | AN5-12A       | BOLT, SIZE 5/16-24, LENGTH +/- 1/64 - 1-11/32, GRIP 13/16 |
|      | 8   | AN5-13A       | BOLT, 5/16-24 THREAD, 15/16" GRIP, 1-15/32" LENGTH        |
|      | A/R | NAS1149F0532P | WASHER, 0.328 ID, 0.032 THK, STEEL                        |
|      | A/R | NAS1149F0563P | WASHER, 0.328 ID, 0.063 THK, STEEL                        |
|      | 16  | MS21044N5     | NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF                 |
| 2    | 1   | 6P02000-103   | ASS'Y., REAR STRUT, LEFT                                  |
|      | 1   | 6P02000-102   | ASS'Y., REAR STRUT, RIGHT                                 |
|      | 4   | AN8-22A       | BOLT, 1/2-20, 1.5625 GRIP, UNDRILLED, STEEL               |
|      | A/R | NAS1149F0863P | WASHER TO FIT DIA 1/2"                                    |
|      | 4   | MS21044N8     | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF                  |
| 3    | 2   | 6P02066-002   | FITTING, LINK, STRUT, UPPER REAR                          |
|      | 2   | AN8-23A       | BOLT, 1/2-20, 1.6875 GRIP, UNDRILLED, STEEL               |
|      | A/R | NAS1149F0863P | WASHER TO FIT DIA 1/2"                                    |
|      | 2   | MS21044N8     | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF                  |
| 4    | 2   | 6P02000-101   | ASS'Y., AFT DRAG WIRE                                     |
|      | 2   | AN398-27      | PIN                                                       |
|      | A/R | NAS1149F0863P | WASHER TO FIT DIA 1/2"                                    |
|      | 2   | MS24665-283   | PIN                                                       |
|      | 2   | AN665-155RS * | TERMINAL                                                  |
|      | 2   | AN665-155LS * | TERMINAL                                                  |
|      | 2   | AN316C8L *    | NUT, JAM (STAINLESS)                                      |
|      | 2   | AN316C8R*     | NUT JAM, HEXAGON, 1/2-20 THREAD, RIGHT                    |
|      | 4   | MS20392-7C27  | PIN, CLEVIS                                               |
|      | 4   | NAS1149F0763P | WASHER, 0.453 ID, 0.063 THK, STEEL                        |
|      | 4   | MS24665-370   | COTTER PIN                                                |
| 5    | 1   | 6P02063-003   | FITTING, LEFT. AFT DRAG WIRE, LWR.                        |
|      | 1   | AN8-30A       | BOLT, 1/2-20, 2.3125 GRIP, UNDRILLED, STEEL               |
|      | A/R | NAS1149F0863P | WASHER TO FIT DIA 1/2"                                    |
|      | 1   | MS21044N8     | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF                  |
| 6    | 1   | 6P02000-105   | ASS'Y., CENTER STRUT, LEFT                                |
|      | 1   | 6P02000-104   | ASS'Y., CENTER STRUT, RIGHT                               |
|      | 4   | AN8-22A       | BOLT, 1/2-20, 1.5625 GRIP, UNDRILLED, STEEL               |
|      | A/R | NAS1149F0863P | WASHER TO FIT DIA 1/2"                                    |
|      | 4   | MS21044N8     | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF                  |
| 7    | 1   | 6P02028-001   | FITTING, RT., AFT. DRAG WIRE, LWR.                        |
|      | 1   | AN8-31A       | BOLT, 1/2-20 THREAD, 2-7/16" GRIP, 3-7/32" LENGTH         |
|      | A/R | NAS1149F0863P | WASHER TO FIT DIA 1/2"                                    |
|      | 1   | MS21044N8     | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF                  |
| 8    | 1   | 6P02027-001   | FITTING, STRUT, CENTER, LOWER LEFT                        |

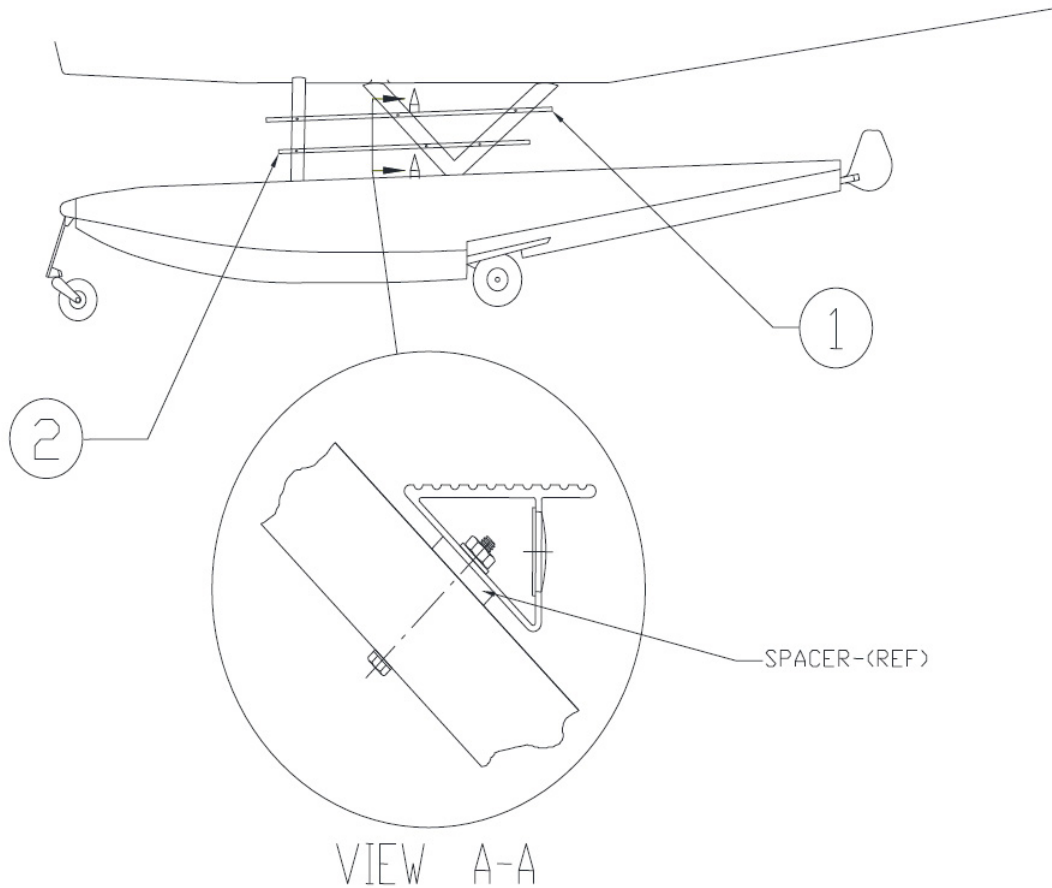
PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.      | PART DESCRIPTION                                          |
|------|-----|---------------|-----------------------------------------------------------|
|      | 1   | 6P02027-002   | FITTING, STRUT, CENTER, LOWER RIGHT                       |
|      | 2   | AN9-32A       | BOLT, 9/16-18 THREAD, 2-1/2" GRIP, 3-13/32" LENGTH        |
|      | A/R | NAS1149F0932P | WASHER, 0.578 ID, .032 THK, STEEL                         |
|      | 2   | MS21044N9     | NUT, LOCKING, REGULAR HEIGHT, 9/16-18 UNF                 |
| 9    | 1   | 6P02000-107   | ASS'Y., FWD. STRUT, LEFT                                  |
|      | 1   | 6P02000-106   | ASS'Y., FWD. STRUT, RIGHT                                 |
|      | 4   | AN8-22A       | BOLT, 1/2-20, 1.5625 GRIP, UNDRILLED, STEEL               |
|      | A/R | NAS1149F0863P | WASHER TO FIT DIA 1/2"                                    |
|      | 4   | MS21044N8     | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF                  |
| 10   | 1   | 6P02056-011   | FITTING, FWD. STRUT, LOWER LEFT                           |
|      | 1   | 6P02056-010   | FITTING, FWD. STRUT, LOWER RIGHT                          |
|      | 2   | AN9-30A       | BOLT, 9/16-18 THREAD, 2-1/4" GRIP, 5-32/32" LENGTH        |
|      | A/R | NAS1149F0863P | WASHER TO FIT DIA 1/2"                                    |
|      | 2   | MS21044N8     | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF                  |
| 11   | 2   | 6P02046-005   | FITTING, FWD. DRAG WIRE                                   |
|      | 2   | AN8-23A       | BOLT, 1/2-20, 1.6875 GRIP, UNDRILLED, STEEL               |
|      | A/R | NAS1149F0863P | WASHER TO FIT DIA 1/2"                                    |
|      | 2   | MS21044N8     | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF                  |
| 12   | 2   | 6P02000-100   | ASS'Y, FWD, DRAG WIRE                                     |
|      | 4   | AN397-25      | PIN                                                       |
|      | A/R | NAS1149F0763P | WASHER, 0.453 ID, 0.063 THK, STEEL                        |
|      | 4   | MS24665-283   | PIN                                                       |
|      | 2   | AN665-115RS * | TERMINAL                                                  |
|      | 2   | AN665-115LS * | TERMINAL                                                  |
|      | 2   | AN316C7L *    | NUT, JAM (STAINLESS)                                      |
|      | 2   | AN316C7R*     | NUT, JAM (STAINLESS)                                      |
|      | 4   | MS20392-6C25  | PIN, CLEVIS                                               |
|      | 4   | NAS1149F0732P | WASHER, 0.453 ID, 0.032 THK, STEEL                        |
|      | 4   | MS24665-370   | COTTER PIN                                                |
| 13   | 2   | 6P02059-006   | FITTING, FWD. STRUT, UPPER                                |
|      | 2   | AN8-24A       | BOLT, 1/2-20 THREAD, 1-13/16" GRIP, 2-19/32" LENGTH       |
|      | A/R | NAS1149F0863P | WASHER TO FIT DIA 1/2"                                    |
|      | 2   | MS21044N8     | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF                  |
| 14   | 2   | 6P02471-001   | LUG, DRAG WIRE, FRONT (UPPER)                             |
| 15   | 1   | 6P02066-003   | FITTING, STRUT LINK, CENTER, UPPER                        |
|      | 2   | AN8-27A       | BOLT, 1/2-20 THREAD, 2-3/16" GRIP, 2-31/32" LENGTH        |
|      | A/R | NAS1149F0863P | WASHER TO FIT DIA 1/2"                                    |
|      | 2   | MS21044N8     | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF                  |
| 16   | 2   | 6P02458-001   | LUG, DRAG WIRE (REAR)                                     |
| 17   | 2   | 6P02108-001   | CENTER FUSELAGE STRUT FITTING                             |
|      | 8   | AN5-12A       | BOLT, SIZE 5/16-24, LENGTH +/- 1/64 - 1-11/32, GRIP 13/16 |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

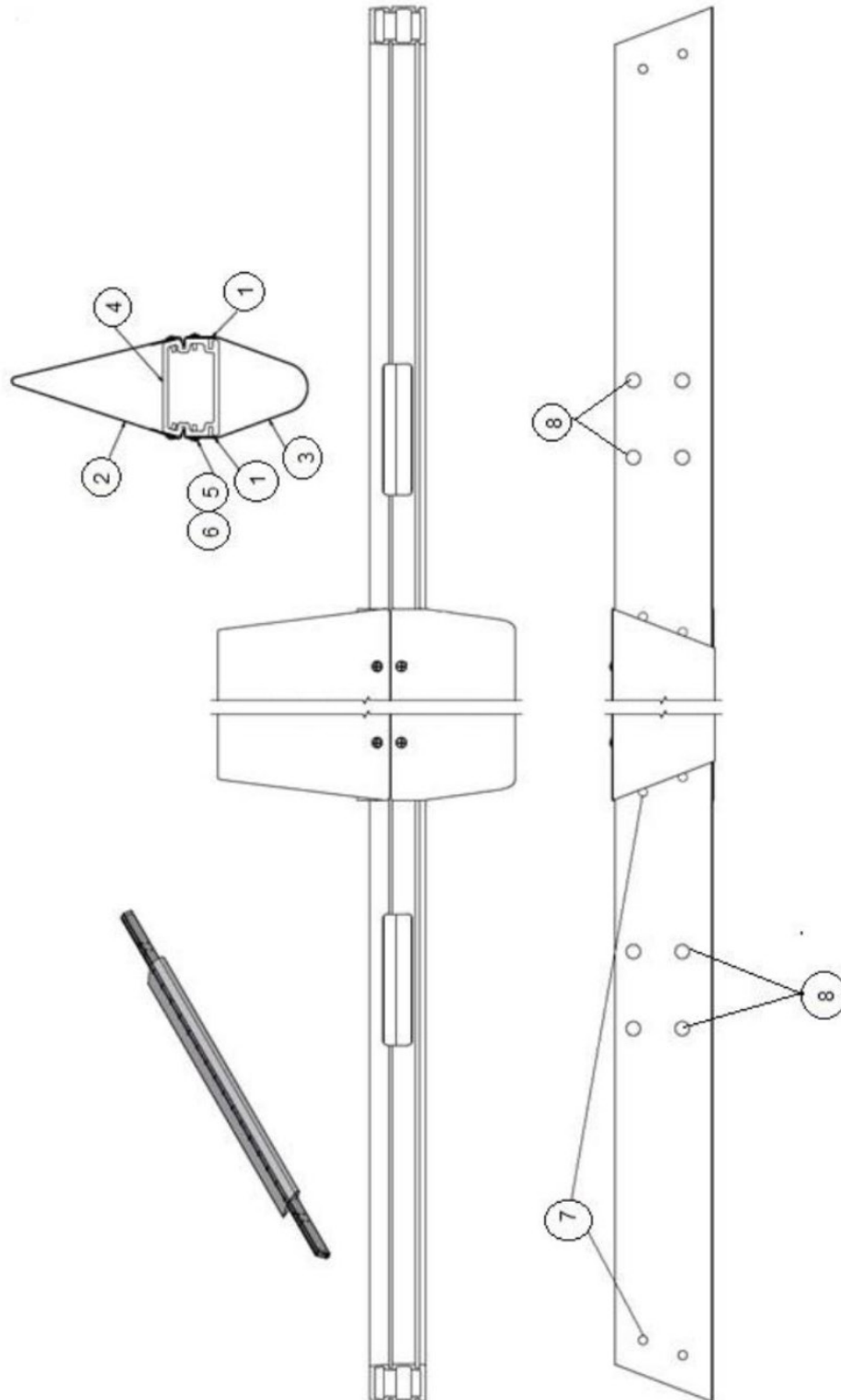
| ITEM | QTY | PART NO.      | PART DESCRIPTION                                |
|------|-----|---------------|-------------------------------------------------|
|      | A/R | NAS1149F0532P | WASHER, 0.328 ID, 0.032 THK, STEEL              |
|      | A/R | NAS1149F0563P | WASHER, CARBON STEEL, TO FIT DIA 5/16"          |
|      | 8   | MS21044N5     | NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF       |
|      | 6   | NAS625-18     | BOLT, 0.3125-24 THREAD, 1.697" LENGTH, 1-1/4"   |
|      | 6   | NAS143-5C     | WASHER                                          |
|      | 6   | NAS1149F0563P | WASHER, 0.328 ID, 0.063 THK, STEEL              |
|      | 6   | MS21044N5     | NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF       |
| 18   | 1   | 6A02362-007   | FTG., FLOAT DECK                                |
|      | 2   | AN6-10A       | BOLT, 3/8-24 THREAD, 7/16" GRIP, 1-5/64" LENGTH |
|      | 6   | AN3-7A        | BOLT, 10-32, 0.5 GRIP, UNDRILLED, STEEL         |
|      | 6   | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF         |
|      | 2   | MS21044N6     | NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF        |
|      | 4   | NAS1149D0663J | WASHER, 0.39 ID, 0.063 THK                      |
|      | 12  | NAS1149D0363J | WASHER, 0.203 ID, 0.063 THK                     |

## UPPER AND LOWER STEP



| ITEM | QTY | PART NO.      | PART DESCRIPTION                                 |
|------|-----|---------------|--------------------------------------------------|
| 1    | 1   | 6P02369-015   | STEP, BOARDING, UPPER R/H                        |
|      | 1   | 6P02369-016   | STEP, BOARDING, UPPER L/H                        |
|      | 2   | 6P02602-008   | SPACER, UPPER                                    |
|      | 4   | AN3-24A       | BOLT, 10-32 THREAD, 2-1/8" GRIP, 2-17/32" LENGTH |
|      | 2   | AN3-35A       | BOLT, 10-32 THREAD, 3-1/4" GRIP, 3-21/32" LENGTH |
|      | 12  | NAS1149F0363P | WASHER, 0.203 ID, 0.063 THK, STEEL               |
|      | 6   | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF          |
| 2    | 1   | 6P02369-017   | STEP, BOARDING, LOWER R/H                        |
|      | 1   | 6P02369-018   | STEP, BOARDING, LOWER L/H                        |
|      | 2   | 6P02602-007   | SPACER, LOWER                                    |
|      | 4   | AN3-24A       | BOLT, 10-32 THREAD, 2-1/8" GRIP, 2-17/32" LENGTH |
|      | 2   | AN3-26A       | BOLT, 10-32 THREAD, 2-3/8" GRIP, 2-25/32" LENGTH |
|      | 12  | NAS1149F0363P | WASHER, 0.203 ID, 0.063 THK, STEEL               |
|      | 6   | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF          |

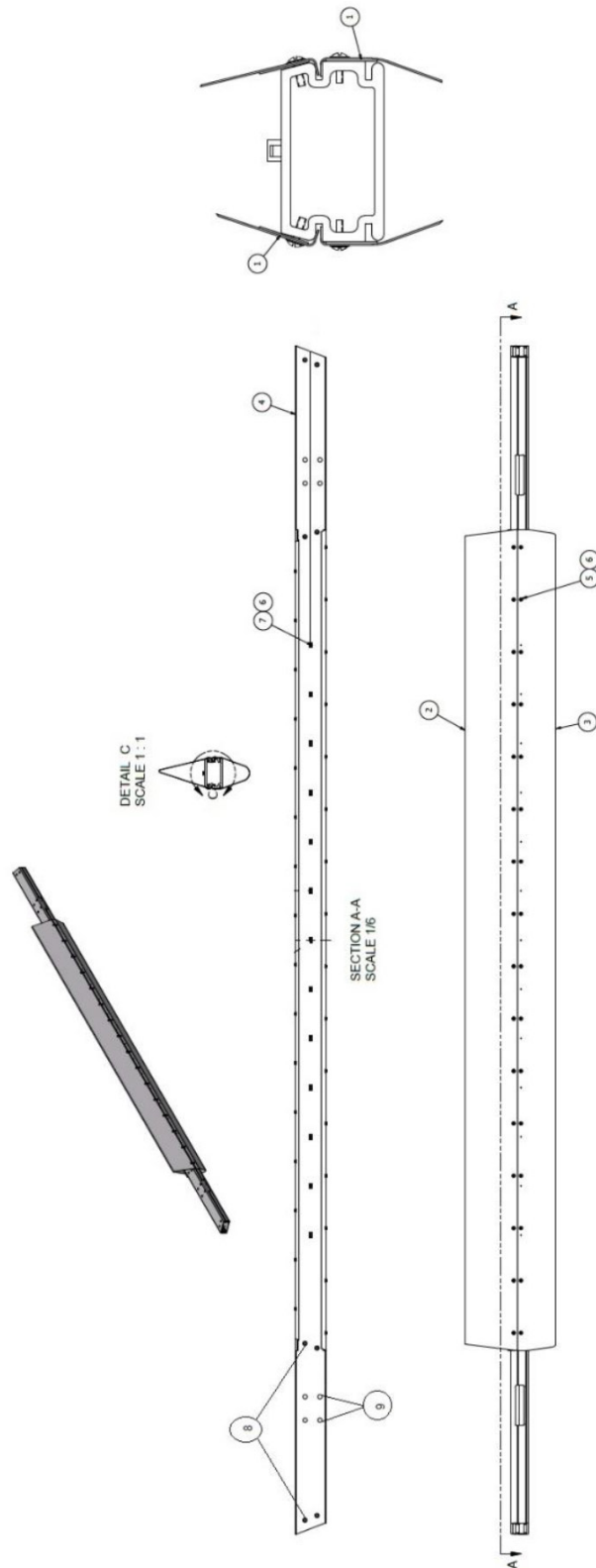
## AFT SPREADER BAR ASSEMBLY



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.      | PART DESCRIPTION                                     |
|------|-----|---------------|------------------------------------------------------|
| -    | 1   | 6A03000-007   | ASSY., SPR. BAR WITH FAIRINGS, AFT                   |
| 1    | 8   | 6A03005-179   | FILLER STRIP, FAIRING                                |
| 2    | 1   | 6A03158-028   | FAIRING, SPREADER BAR REAR                           |
| 3    | 1   | 6A03158-029   | FAIRING, SPREADER BAR FRONT                          |
| 4    | 1   | 6A03358-001   | SPREADER BAR                                         |
| 5    | 64  | AN526C632R8   | SCREW, 6-32 THREAD, 1/2" LENGTH, CORROSION RESISTANT |
| 6    | 64  | NAS1149FN616P | WASHER, 0.149 ID, 0.016 THK, STEEL                   |
| 7    | 8   | 6A03702-009   | BOLT, SPREADER BAR MODIFIED                          |
| 8    | 8   | AN8-31A       | BOLT, 1/2-20 THREAD, 2-7/16" GRIP, 3-7/32" LENGTH    |
|      | 8   | NAS1149D0863J | WASHER, 0.515 ID, 0.063 THK, ALUMINUM                |
|      | 12  | MS21044N8     | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF             |

## FWD SPREADER BAR ASSEMBLY



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

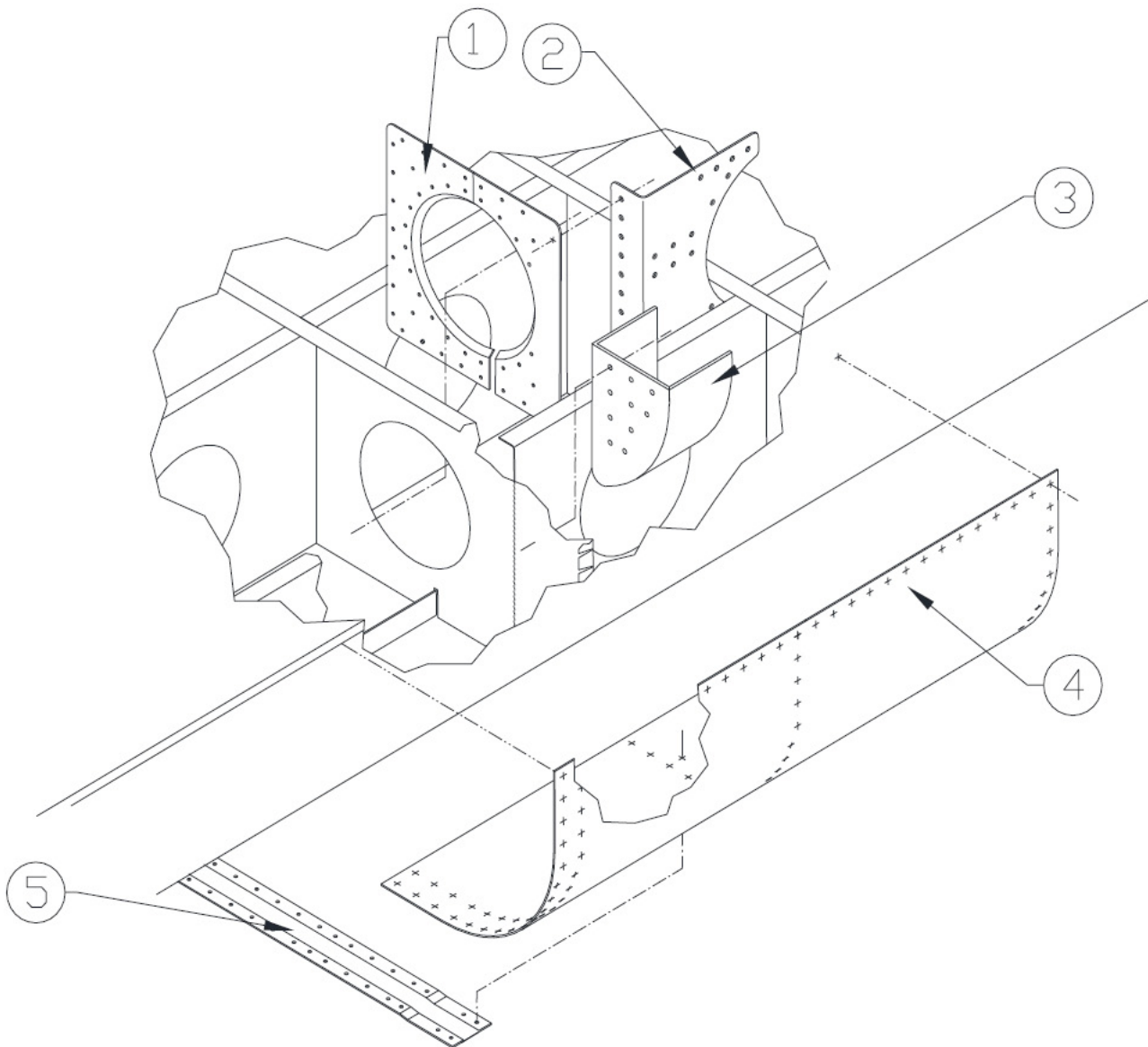
| ITEM | QTY | PART NO.      | PART DESCRIPTION                                    |
|------|-----|---------------|-----------------------------------------------------|
| -    | 1   | 6A03000-024   | ASSY., SPR. BAR WITH FAIRINGS, FWD                  |
| 1    | 8   | 6A03005-179   | FILLER STRIP, FAIRING                               |
| 2    | 1   | 6A03158-028   | FAIRING, SPREADER BAR REAR                          |
| 3    | 1   | 6A03158-029   | FAIRING, SPREADER BAR FRONT                         |
| 4    | 1   | 6A03358-001   | SPREADER BAR                                        |
| 5    | 13  | AAPQ-43       | RIVET                                               |
|      | 64  | AN526C632R8   | SCREW, 6-32 THREAD, 1/2" LENGTH CORROSION RESISTANT |
| 6    | 64  | NAS1149FN616P | WASHER, 0.149 ID, 0.016 THK, STEEL                  |
| 7    | 13  | TM2S6-M       | TIE CLIP                                            |
| 8    | 8   | 6A03702-009   | BOLT, SPREADER BAR MODIFIED                         |
| 9    | 8   | AN8-31A       | BOLT, 1/2-20 THREAD, 2-7/16" GRIP, 3-7/32" LENGTH   |
|      | 8   | NAS1149D0863J | WASHER, 0.515 ID, 0.063 THK, ALUMINUM               |
|      | 12  | MS21044N8     | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF            |

**SECTION 8**  
**FUSELAGE**

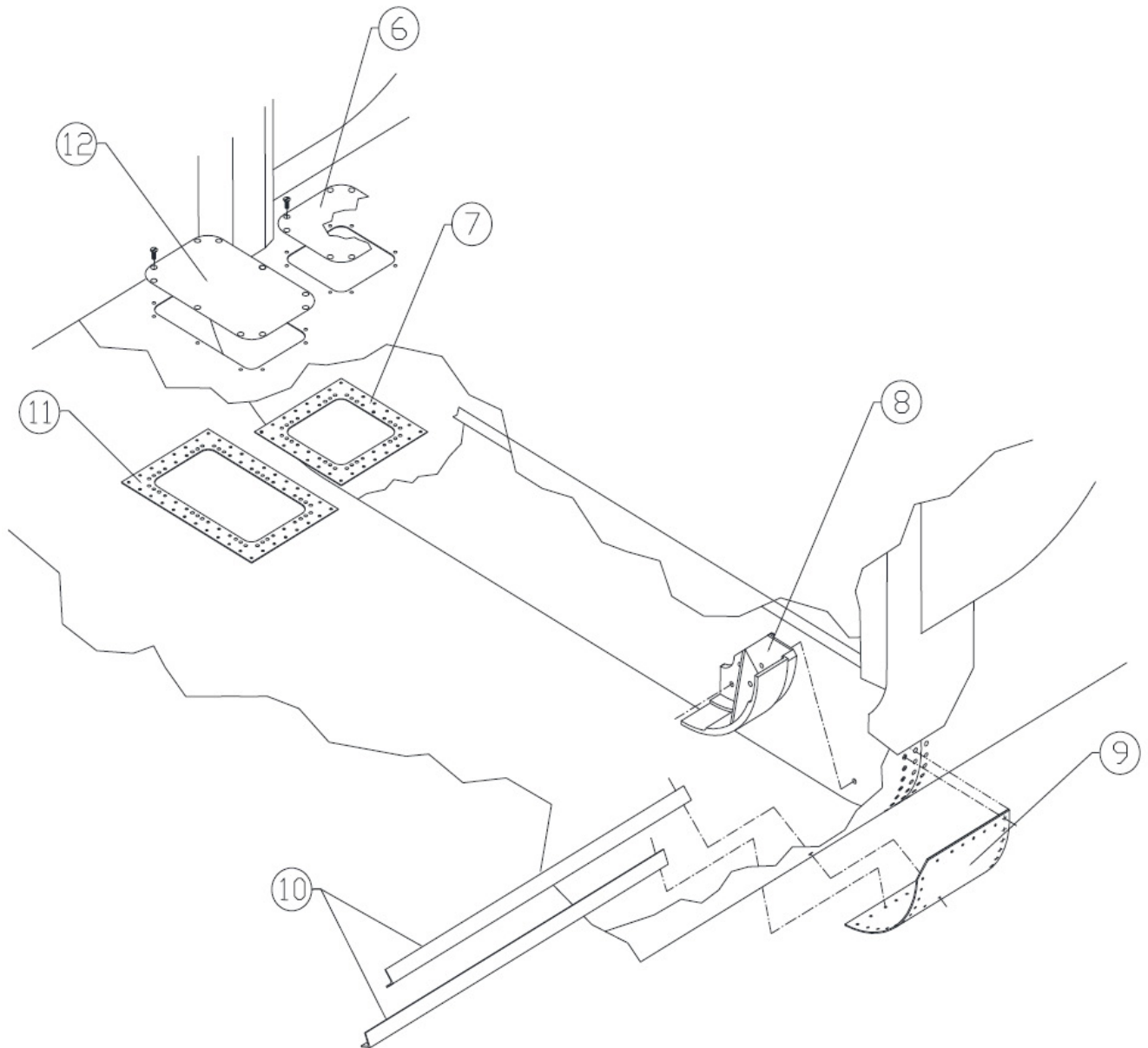
**CONTENTS**

AFT FUSELAGE REINFORCEMENT .....60  
FWD FUSELAGE REINFORCEMENT .....61  
MISCELLANEOUS FUSELAGE ITEMS .....63  
ELEVATOR TENSION SPRING.....66

## AFT FUSELAGE REINFORCEMENT



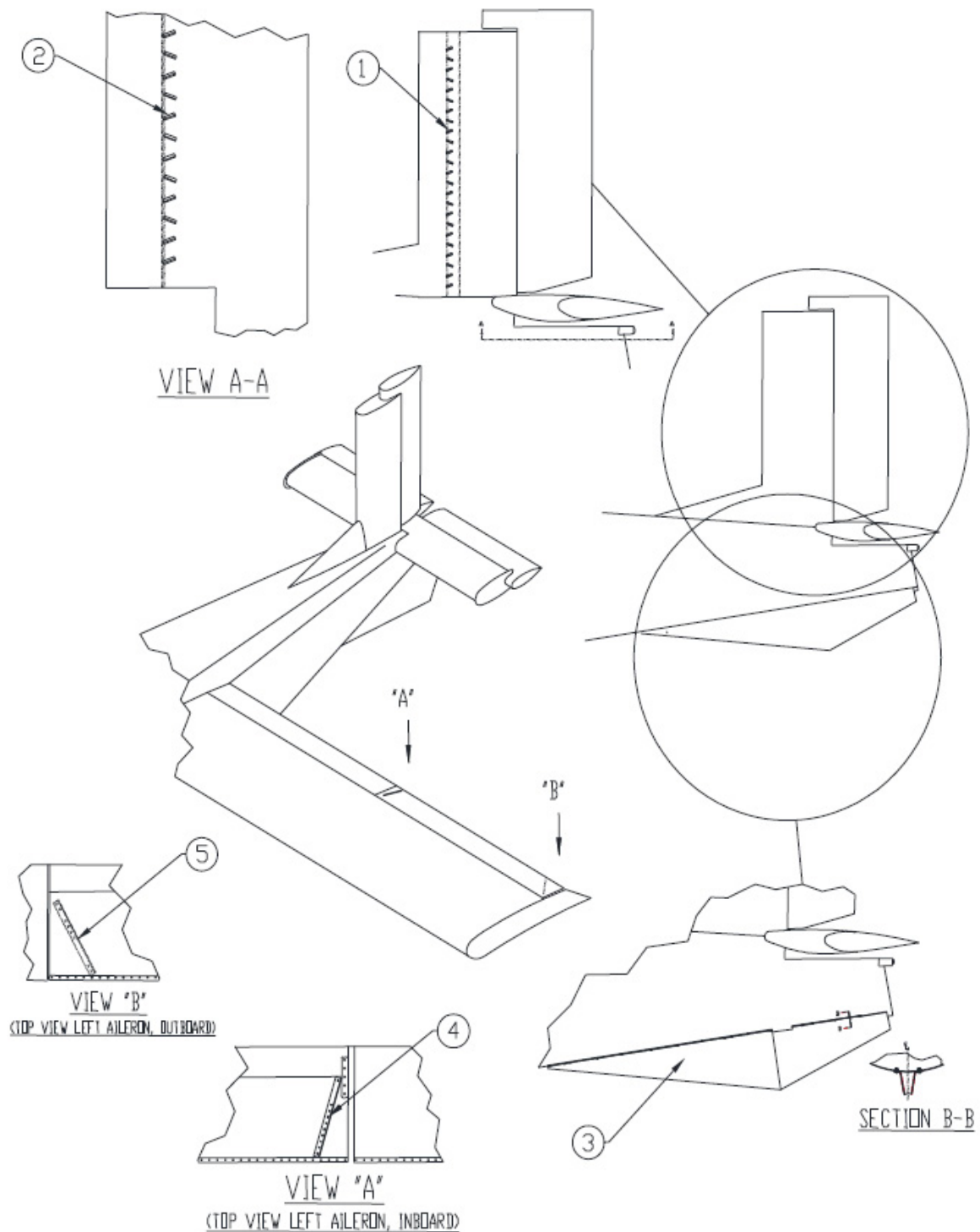
## FWD FUSELAGE REINFORCEMENT

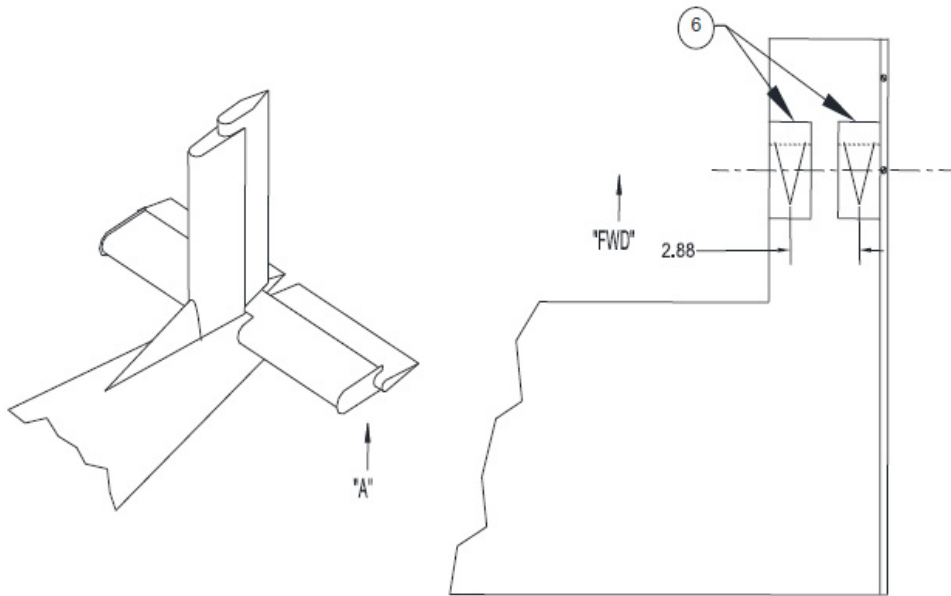


PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

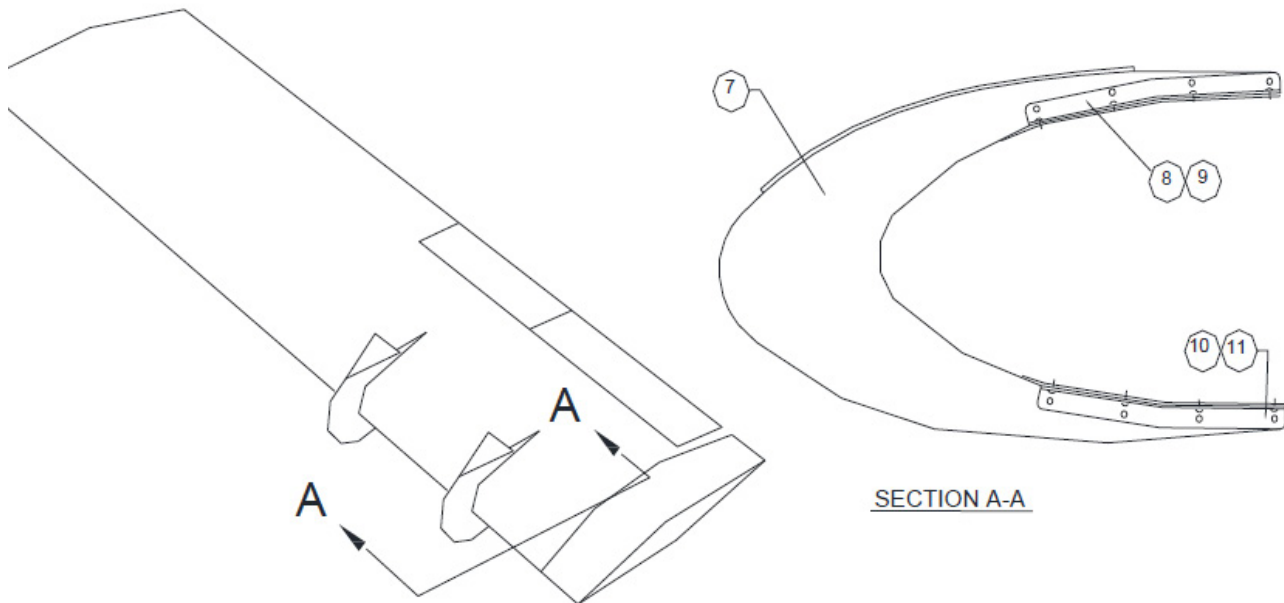
| ITEM | QTY | PART NO.      | PART DESCRIPTION                            |
|------|-----|---------------|---------------------------------------------|
| 1    | 2   | 6P12163-030   | DOUBLER, BULKHEAD, FUSELAGE, R/H            |
|      | 2   | 6P12163-035   | DOUBLER, BULKHEAD, FUSELAGE, L/H            |
|      | A/R | MS20470AD4    | RIVET                                       |
| 2    | 1   | 6P12163-031   | DOUBLER, BULKHEAD, FUSELAGE, L/H            |
|      | 1   | 6P12163-036   | DOUBLER, BULKHEAD, FUSELAGE, R/H            |
|      | 18  | AN3-5A        | BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL    |
|      | A/R | NAS1149F0363P | WASHER, 0.203 ID, 0.063 THK, STEEL          |
|      | 18  | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF     |
|      | A/R | MS20470AD4    | RIVET                                       |
| 3    | 1   | 6P02109-001   | FITTING, SUPPORT, REAR STRUT, L/H           |
|      | 1   | 6P02109-002   | FITTING, SUPPORT, REAR STRUT, R/H           |
|      | 20  | AN3-4A        | BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL   |
|      | A/R | NAS1149F0363P | WASHER, 0.203 ID, 0.063 THK, STEEL          |
|      | 20  | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF     |
| 4    | 2   | 6P12163-034   | DOUBLER, SKIN SUPPORT, REAR                 |
|      | A/R | MS20470AD5    | RIVET, OR CHERRY MAX EQUIVELANT             |
| 5    | 1   | 6P12353-006   | STIFFENER, FUSELAGE SUPPORT                 |
|      | A/R | MS20470AD4    | RIVET                                       |
| 6    | 1   | 6P12158-149   | COVER, ACCESS HOLE (SMALL)                  |
|      | 8   | AN507-832R8   | SCREW                                       |
| 7    | 1   | 6P12000-013   | SUPPORT, ACCESS HOLE (SMALL)                |
|      | 28  | MS20470AD4    | RIVET                                       |
| 8    | 1   | 6P02106-001   | FITTING SUPPORT, FRONT STRUT L/H            |
|      | 1   | 6P02106-002   | FITTING SUPPORT, FRONT STRUT R/H            |
|      | 8   | AN4-7A        | BOLT, 1/4-28, 0.4375 GRIP, UNDRILLED, STEEL |
|      | A/R | NAS1149F0432P | WASHER, 0.265 ID, 0.032 THK, STEEL          |
|      | 8   | NAS1149F0463P | WASHER, 0.265 ID, 0.063 THK, STEEL          |
|      | 8   | MS21044N4     | NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF    |
| 9    | 1   | 6P12163-033   | DOUBLER, SKIN SUPPORT, FWD, L/H             |
|      | 1   | 6P12163-038   | DOUBLER, SKIN SUPPORT, FWD, R/H             |
|      | A/R | MS20470AD4    | RIVET                                       |
| 10   | 4   | 6P12340-090   | ANGLE, FUSELAGE SUPPORT                     |
|      | A/R | MS20470AD4    | RIVET                                       |
| 11   | 1   | 6P12000-012   | SUPPORT, ACCESS HOLE (LARGE)                |
|      | 36  | MS20470AD4    | RIVET                                       |
| 12   | 1   | 6P12158-150   | COVER, ACCESS HOLE (LARGE)                  |
|      | 10  | AN507-832R8   | SCREW                                       |

## MISCELLANEOUS FUSELAGE ITEMS





VIEW "A"

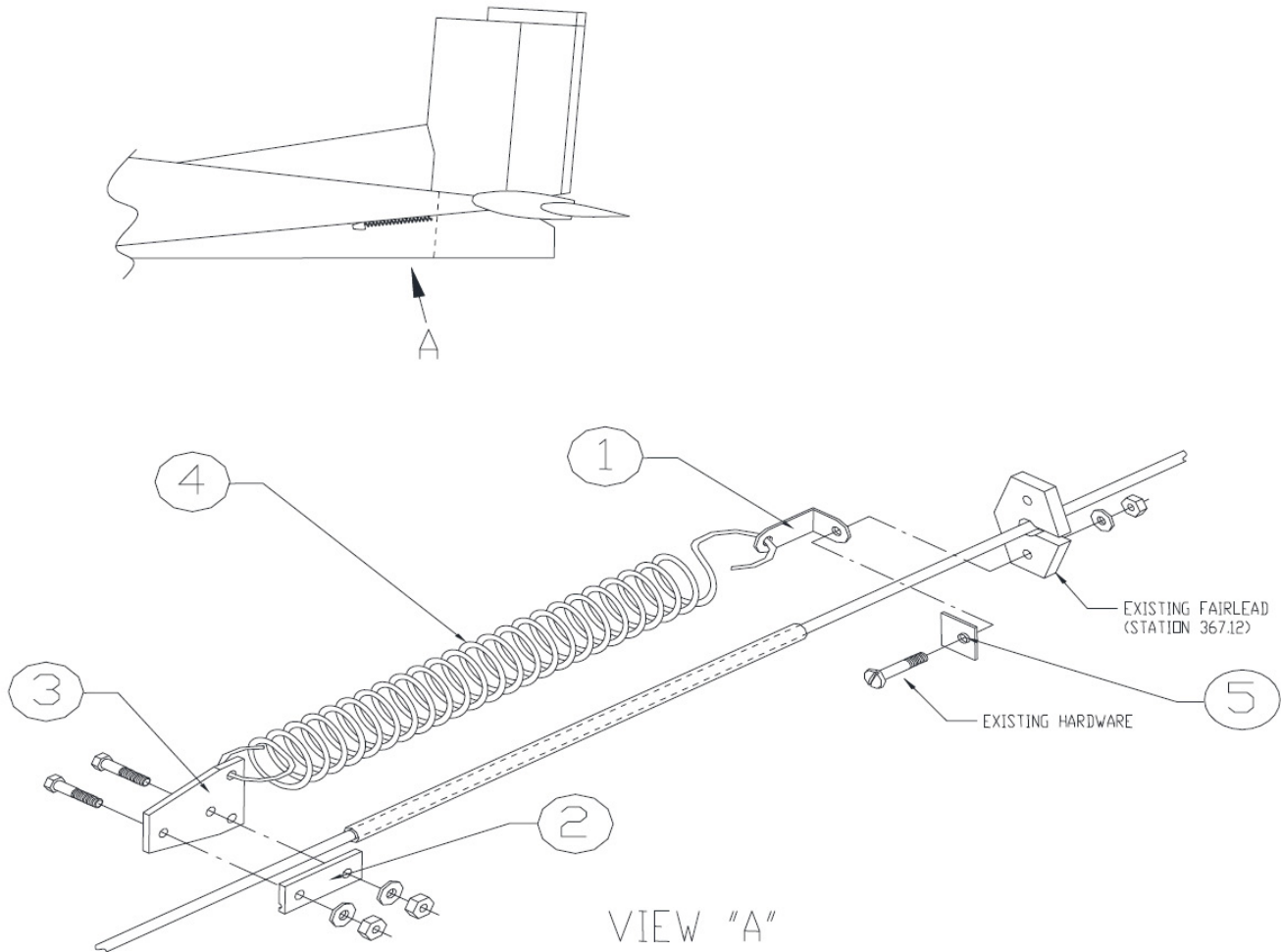


SECTION A-A

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION                                                                                    |
|------|-----|-------------|-----------------------------------------------------------------------------------------------------|
| 1    | 48  | 6P12150-118 | VORTEX GENERATOR                                                                                    |
| 2    | 24  | 6P12150-118 | VORTEX GENERATOR                                                                                    |
| 3    | 1   | 6P12000-019 | ASS'Y., VENTRAL FIN                                                                                 |
|      | 36  | AN526-10R10 | SCREW                                                                                               |
|      | 2   | MS2106103N  | NUTPLATE                                                                                            |
|      | 32  | MS21059L03N | NUTPLATE, STANDARD FLOATER, BLACK MOLY, 10-32                                                       |
|      | 2   | MS21075L03N | NUTPLATE (INSTALL ON 1005371 DOUBLER)                                                               |
|      |     |             | (LONGER SCREWS AN526-10R16 AND SMALLER NAS1149F0363P WASHERS MAY BE NECESSARY AT VARIOUS LOCATIONS) |
| 4    | 1   | 6P12158-155 | AILERON FENCE, TOP L/H                                                                              |
|      | 1   | 6P12158-156 | AILERON FENCE, TOP R/H                                                                              |
|      | A/R | CR3213-4-2  | RIVET, CHERRY                                                                                       |
| 5    | 1   | 6P12158-153 | AILERON FENCE, LOWER L/H                                                                            |
|      | 1   | 6P12158-154 | AILERON FENCE, LOWER R/H                                                                            |
|      | A/R | CR3213-4-2  | RIVET, CHERRY                                                                                       |
| 6    | 4   | 8A12562-001 | VORTEX GENERATOR                                                                                    |
| 7    | 4   | 6P12000-020 | ENERGIZERS                                                                                          |
| 8    | 4   | 6P12340-091 | ANGLE, UPPER, LEFT                                                                                  |
|      | 4   | CR3213-4    | RIVET                                                                                               |
| 9    | 4   | 6P12340-092 | ANGLE UPPER, RIGHT                                                                                  |
|      | 4   | CR3213-4    | RIVET                                                                                               |
| 10   | 4   | 6P12340-093 | ANGLE, LOWER, LEFT                                                                                  |
|      | 4   | CR3213-4    | RIVET                                                                                               |
| 11   | 4   | 6P12340-094 | ANGLE, LOWER, RIGHT                                                                                 |
|      | 4   | CR3213-4    | RIVET                                                                                               |

## ELEVATOR TENSION SPRING



| ITEM | QTY | PART NO.      | PART DESCRIPTION                         |
|------|-----|---------------|------------------------------------------|
| 1    | 1   | 6P12162-018   | ANGLE, ELEVATOR DIV. SPRING, ATTACH      |
| 2    | 1   | 13A12001-034  | CLAMP-ELEVATOR, FEEL SPRING              |
| 3    | 1   | 1005381       | CLAMP-ELEVATOR, FEEL SPRING              |
|      | 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  |
| 4    | 1   | 6P12563-001   | SPRING                                   |
| 5    | 1   | 6P12156-111   | ANGLE, SUPPORT DIV. SPRING, ATTACH       |

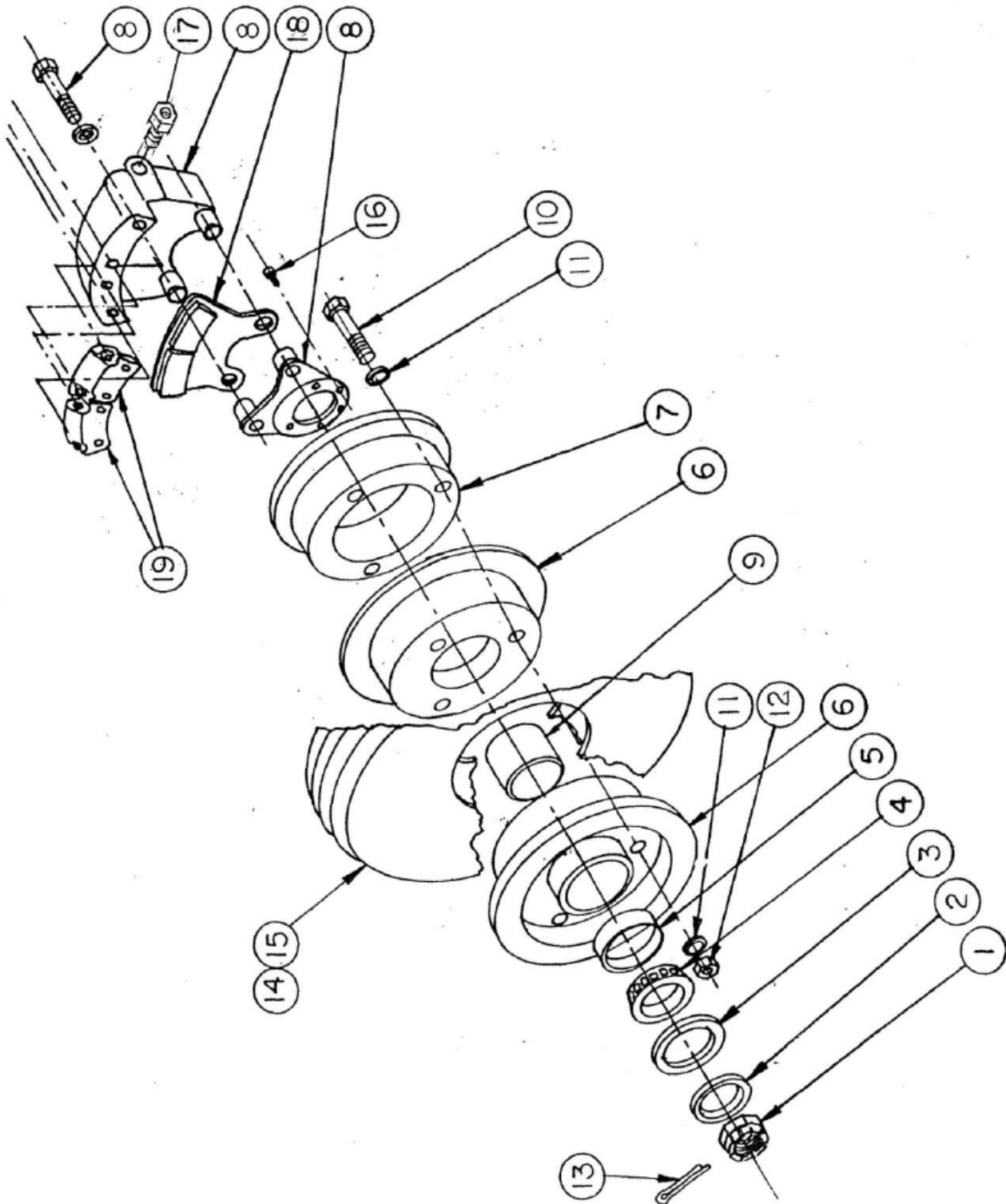
## **SECTION 9**

### **LANDING GEAR**

#### **CONTENTS**

|                                                                                    |    |
|------------------------------------------------------------------------------------|----|
| MCCAULEY MAIN GEAR WHEEL ASSEMBLY .....                                            | 68 |
| CLEVELAND/PARKER MAIN GEAR WHEEL ASSEMBLY .....                                    | 70 |
| MAIN GEAR AXLE ASSEMBLY .....                                                      | 73 |
| OLEO SHOCK STRUT ASS'Y (O-RINGS INSTALLED) OLD VERSION .....                       | 75 |
| OLEO SHOCK STRUT ASS'Y (T-SEALS INSTALLED) NEW VERSION .....                       | 77 |
| MAIN GEAR SLIDE TUBE ASS'Y (O-RINGS INSTALLED) OLD VERSION .....                   | 79 |
| MAIN GEAR SLIDE TUBE ASS'Y (T-SEALS INSTALLED) NEW VERSION .....                   | 82 |
| NOSE FORK AND PIVOT ASSEMBLY, LOWER END SERIAL NUMBERS 61523A & 61524A AND LATER.. | 85 |
| NOSE FORK WITH PIN ASSEMBLY SERIAL NUMBERS 61523A & 61524A AND LATER .....         | 87 |
| NOSE FORK AND PIVOT ASSEMBLY, LOWER END SERIAL NUMBERS 61521A & 61522A AND PRIOR . | 88 |
| NOSE WHEEL ASSEMBLY WITHOUT TIRE .....                                             | 90 |
| NOSE GEAR RETRACTION ASSEMBLY, UPPER END (O-RINGS INSTALLED) OLD VERSION .....     | 91 |
| NOSE GEAR RETRACTION ASSEMBLY, UPPER END (T-SEALS INSTALLED) NEW VERSION.....      | 94 |
| NOSE BOX ASSEMBLY (WITHOUT ACTUATOR).....                                          | 97 |

## MCCAULEY MAIN GEAR WHEEL ASSEMBLY

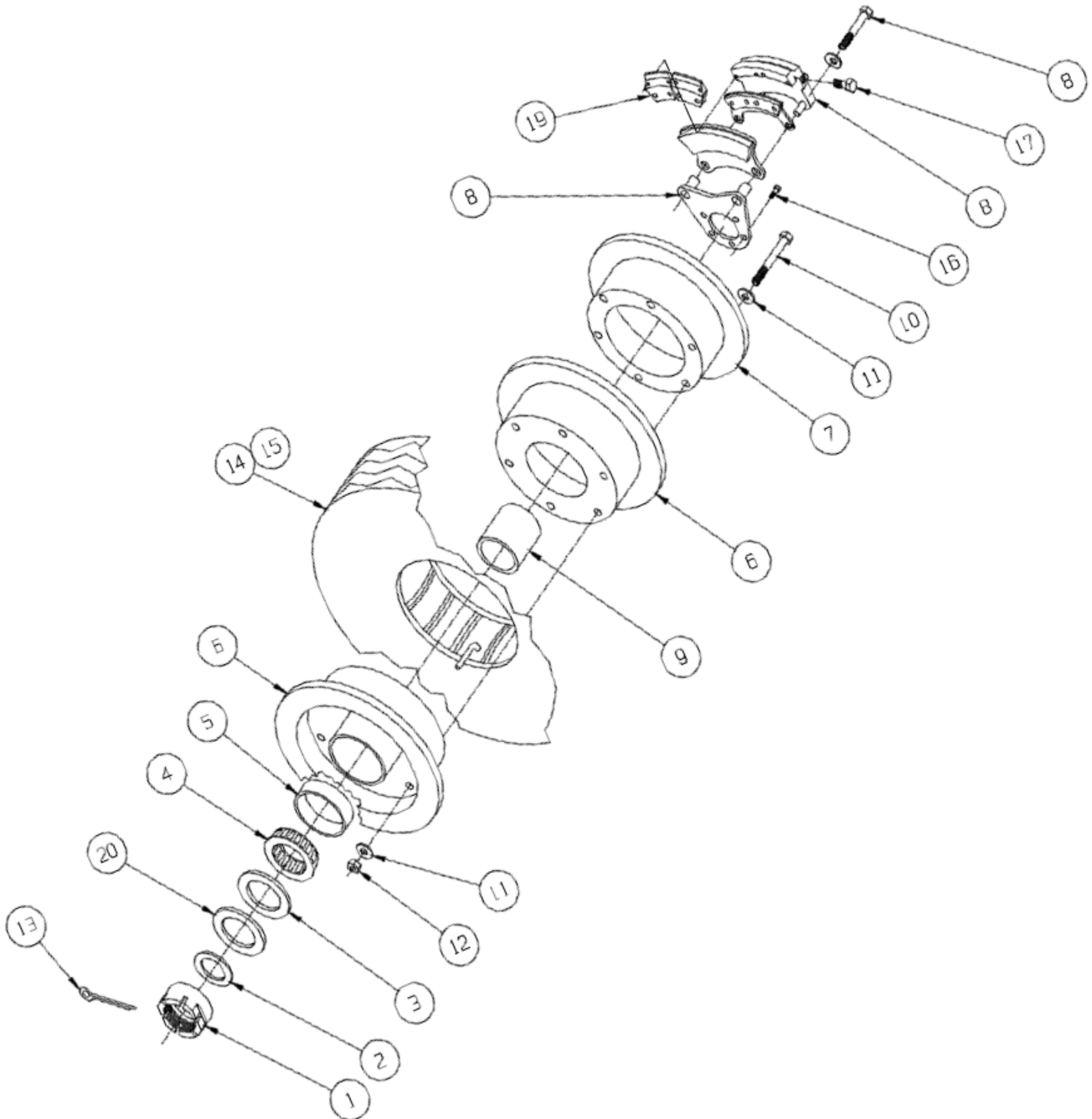


PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.               | PART DESCRIPTION                                    |
|------|-----|------------------------|-----------------------------------------------------|
| 1    | 1   | MS21025-24             | NUT, AXLE                                           |
| 2    | 1   | 6A04093-002            | SPACER, MAIN GEAR AXLE                              |
| 3    | 1   | 472439                 | SEAL, OUTSIDE                                       |
|      | 1   | 473232                 | SEAL, INSIDE                                        |
| 4    | 2   | LM29749                | BEARING CONE, INSIDE AND OUTSIDE                    |
|      | 2   | LM29710CP              | BEARING CONE, CHROME PLATED (OPT.)                  |
| 5    | 2   | LM29710                | BEARING CUP, INSIDE AND OUTSIDE                     |
|      | 2   | LM29710CP              | BEARING CUP, CHROME PLATED (OPT.)                   |
| 6    | 1   | D-30660-05<br>(40-418) | ASS'Y. WHEEL, COMPLETE                              |
| 7    | 1   | 164-30615-3            | BRAKE DISC                                          |
| 8    | 1   | D-30793-3 (30-241)     | ASS'Y. BRAKE, COMPLETE LT.                          |
|      | 1   | D-30793-4 (30-241)     | ASS'Y. BRAKE, COMPLETE RT.                          |
|      | 1   | 075-30107-1            | BRAKE TORQUE PLATE                                  |
|      | 1   | 075-30107-2            | BRAKE TORQUE PLATE                                  |
|      | 4   | 066-30026              | BRAKE PADS                                          |
|      | 8   | 105-00200              | RIVETS                                              |
|      | 4   | AN4H21A                | BOLT, 1/4-28 THREAD, 1-11/16" GRIP, 12-5/32" LENGTH |
|      | 2   | MS28775-222            | CYL. O RING, HYDRAULIC PACKING, 1.484 ID            |
|      | 1   | 073-30113              | PRESS PLATE                                         |
|      | 2   | 074-30027              | BRAKE PLATE ASS'Y WITH LINING                       |
|      | 1   | 081-30169              | BLEEDER FTG.                                        |
|      | 1   | 079-00300              | BLEEDER SCREW                                       |
|      | 1   | 183-00100              | BLEEDER CAP                                         |
|      | 2   | 062-30161              | PISTON                                              |
|      | 2   | MS28775-222            | PISTON O RING, HYDRAULIC PACKING, 1.484 ID          |
|      | 1   | MS28775-011            | O RING, DIA 0.301 BLEEDER                           |
| 9    | 1   | 6A04616-002            | GREASE RETAINER                                     |
| 10   | 3   | AN5-37A                | BOLT, 5/16-24 THREAD, 3-7/16" GRIP, 3-31/32" LENGTH |
| 11   | 6   | NAS1149F0532P          | WASHER, 0.328 ID, 0.032 THK, STEEL                  |
| 12   | 3   | MS21044N5              | NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF           |
| 13   | 1   | MS24665-353            | COTTER PIN                                          |
| 14   | 1   | AA1E6*                 | TIRE 6:00 X 6 8 PLY (TYPE III)                      |
| 15   | 1   | XA1AD*                 | TUBE                                                |
| 16   | 2   | MS16997-96             | SCREW, CAP, SOCKET HEAD, 3/8-16X.625, STEEL         |
|      | 2   | MS16997-77             | SCREW, CAP, SOCKET HEAD, 5/16-16X.625, STEEL        |
| 17   | 1   | 6A04258-004            | FTG., BRAKE LINE                                    |
|      | 1   | MS20823-4D             | FTG. 45Ø                                            |
|      | 1   | MS28775-011            | O RING, DIA 0.301                                   |
| 18   | 1   | 073-30113              | PRESSURE PLATE W/PADS                               |
| 19   | 2   | 074-30027              | BACK PLATES W/PADS                                  |

\* 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.

## CLEVELAND/PARKER MAIN GEAR WHEEL ASSEMBLY



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

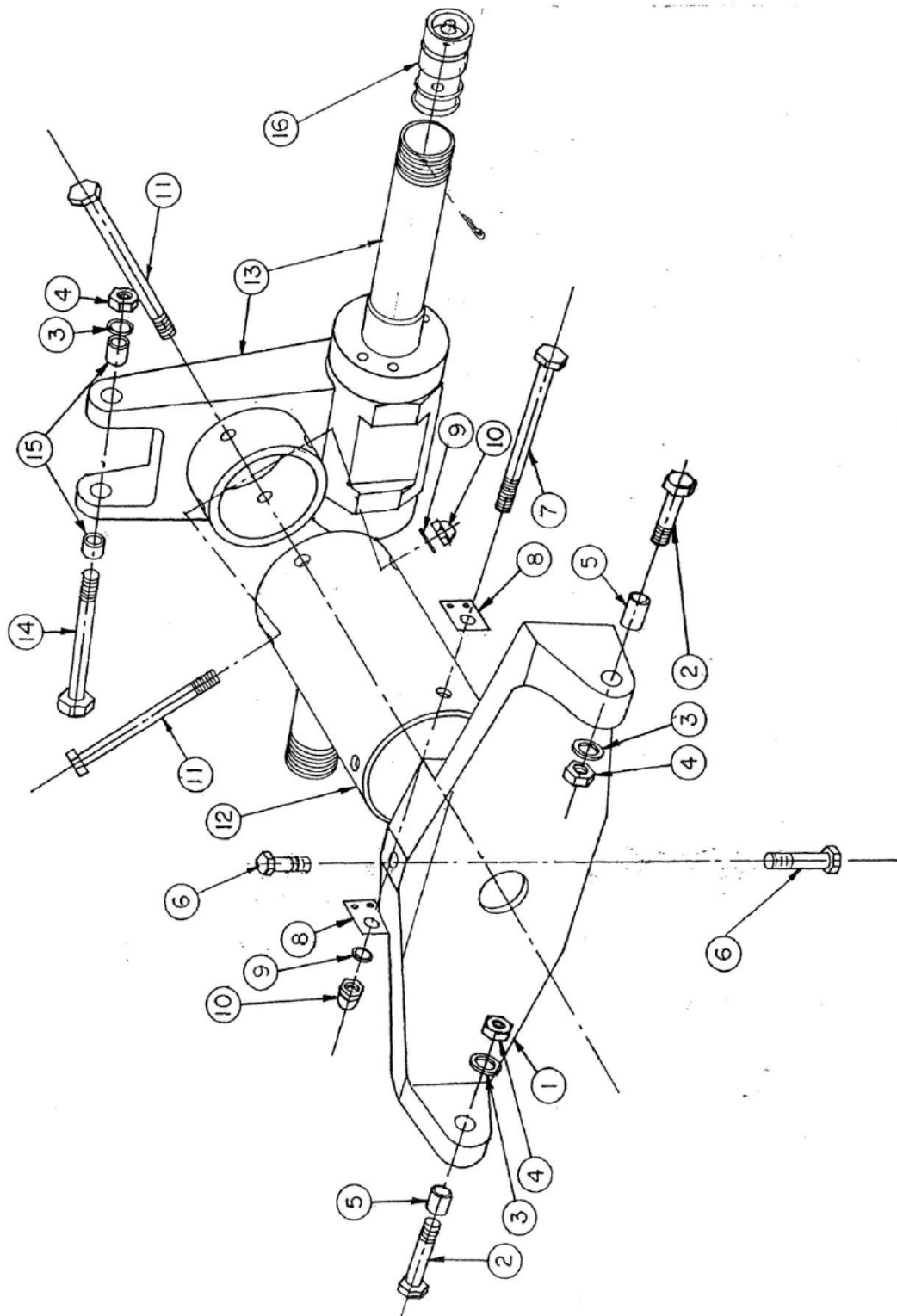
| ITEM | QTY | PART NO.      | PART DESCRIPTION                                                         |
|------|-----|---------------|--------------------------------------------------------------------------|
| -    | 1   | 8A04000-031   | MAIN WHEEL ASS'Y W/ TIRE & TUBE                                          |
| 1    | 1   | MS21025-24    | NUT-AXLE                                                                 |
| 2    | 2   | 6A04093-002   | RING-WHEEL RETAINER                                                      |
| 3    | 1   | 472439        | SEAL-OUTSIDE (DRILL #50 HOLE, OUTSIDE FACE)                              |
|      | 1   | 473232        | SEAL-INSIDE                                                              |
| 4    | 2   | 13889         | CUP – BEARING, NON-CHROME (ORIG EQUIP FOR 40-418-3)                      |
|      | 2   | 13836CP       | CUP – BEARING, CHROME (ORIG EQUIP FOR 40-418)                            |
| 5    | 2   | 13836         | CONE – BEARING, NON-CHROME (ORIG EQUIP FOR 40-418-3)                     |
|      | 2   | 13889CP       | CONE– BEARING, CHROME (ORIG EQUIP FOR 40-418)                            |
| 6    | 1   | 40-418-3      | WHEEL ASS'Y. (NAMEPLATE READS "40-418B",<br>INCLUDES ITEMS 3-5, 7, 9-12) |
|      | 1   | 40-418 (ALT)  | WHEEL ASS'Y. (ALTERNATE, INCLUDES ITEMS 3-5, 7, 9-12)                    |
| 7    | 1   | 164-24500     | BRAKE DISC (ORIG EQUIP FOR 40-418)                                       |
|      | 1   | 164-24501     | BRAKE DISC, CHROME PLATED (ORIG EQUIP FOR 40-418-3)                      |
| 8    | 1   | 30-241        | BRAKE ASSEMBLY-COMplete                                                  |
|      | 1   | 6A04000-104   | BRAKE ASSEMBLY-COMplete (RIGHT)                                          |
|      | 1   | 6A04000-105   | BRAKE ASSEMBLY-COMplete (LEFT)                                           |
|      | 1   | 075-20700     | BRAKE TORQUE PLATE                                                       |
|      | 2   | 145-01000     | BUSHING                                                                  |
|      | 2   | 066-10500     | BRAKE PADS (ONLY)(NEW STYLE)                                             |
|      | -   | 066-30026     | OLD STYLE BRAKE PADS                                                     |
|      | 4   | MS21250HO4026 | BOLTS (BRAKE PADS)                                                       |
|      | 4   | MS20002C4     | BRAKE PAD BOLT WASHERS                                                   |
|      | 4   | 105-00200     | RIVETS (BRAKE PADS)                                                      |
|      | 1   | 081-00200     | BLEEDER SEAT                                                             |
|      | 1   | 079-00300     | BLEEDER SCREW                                                            |
|      | 1   | 183-00100     | BLEEDER CAP                                                              |
|      | 2   | 069-03100     | ANCHOR BOLT                                                              |
|      | 2   | 062-10700     | PISTON                                                                   |
|      | 2   | MS28775-222   | O RING, HYDRAULIC PACKING, 1.484 ID                                      |
|      | 1   | MS28775-012   | O RING, HYDRAULIC PACKING, .364 ID                                       |
| 9    | 1   | 067-14700     | RETAINER-GREASE                                                          |
| 10   | 6   | AN5-35A       | BOLT, 5/16-24, 3.1875 GRIP, UNDRILLED, STEEL                             |
| 11   | 12  | NAS1149D0563J | WASHER, 0.328 ID, 0.063 THK, ALUMINUM                                    |
| 12   | 6   | MS21042-5     | NUT, SELF LOCKING, 450°, 5/16-24 UNF                                     |
| 13   | 1   | MS24665-353   | COTTER PIN                                                               |
| 14   | 1   | AA1E6*        | TIRE-6:00 X 6 8 PLY (TYPE III)                                           |
| 15   | 1   | XA1AD*        | TUBE                                                                     |
| 16   | 3   | MS16997-96    | SCREW, CAP, SOCKET HEAD, 3/8-16X.625, STEEL                              |
|      | 3   | MS16997-77    | SCREW, CAP, SOCKET HEAD, 5/16-16X.625, STEEL                             |
| 17   | 1   | 104-04700     | FITTING                                                                  |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION        |
|------|-----|-------------|-------------------------|
|      | 1   | MS28775-011 | O RING, DIA 0.301       |
| 18   | 1   | 073-04200   | PRESSURE PLATE (W/PADS) |
| 19   | 1   | 074-02900   | BACK PLATE (W/PADS)     |
| 20   | 2   | 155-14300   | SNAP RING               |

\* 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.

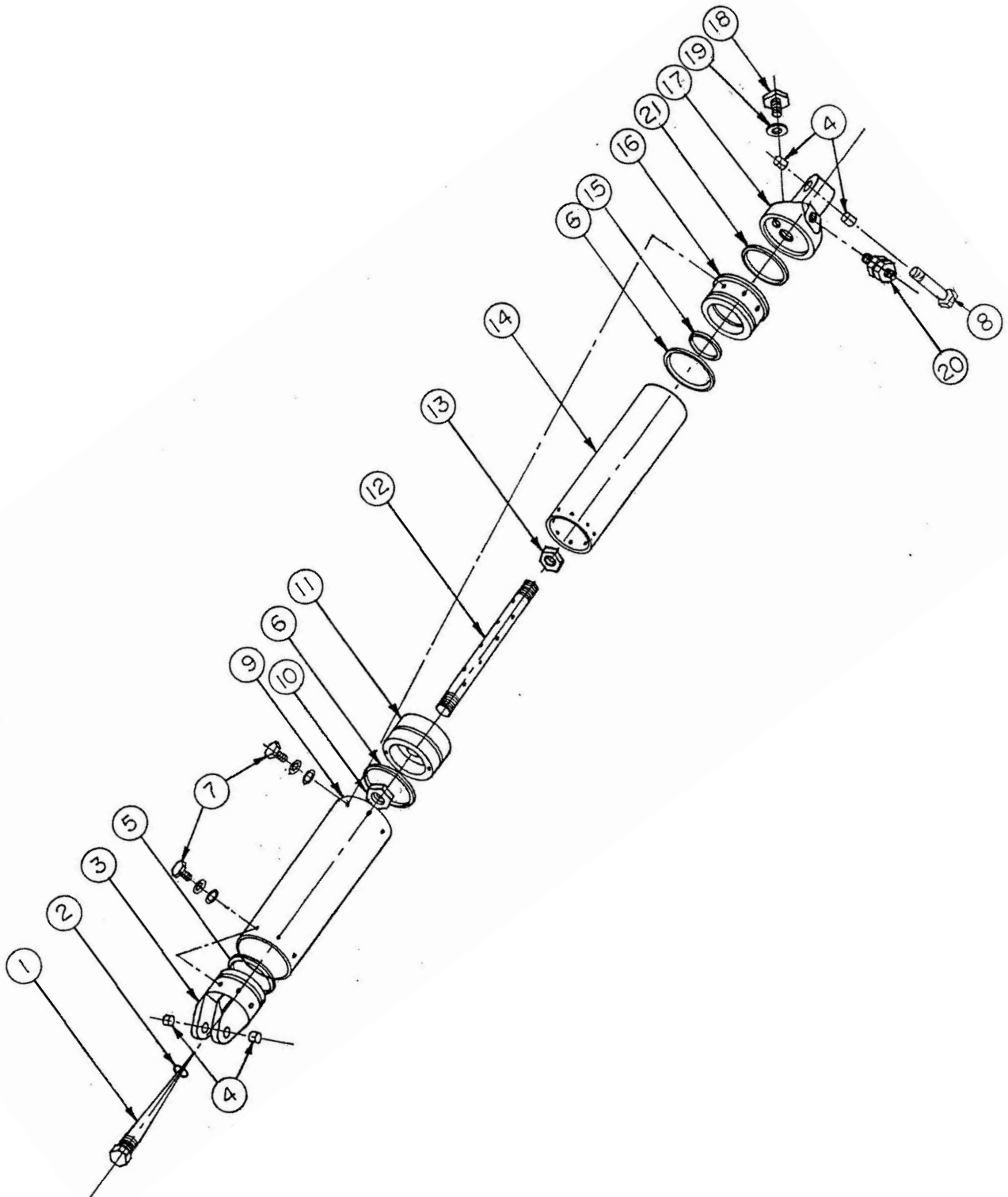
## MAIN GEAR AXLE ASSEMBLY



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.                   | PART DESCRIPTION                                                                                       |
|------|-----|----------------------------|--------------------------------------------------------------------------------------------------------|
| -    | 1   | 6A04000-015                | ASS'Y., MAIN GEAR AXLE                                                                                 |
| 1    | 1   | 6A04311-001                | DRAG BRACE (FACTORY REPLACE ONLY)                                                                      |
| 2    | 2   | AN8-24A                    | BOLT, 1/2-20 THREAD, 1-13/16" GRIP, 2-19/32" LENGTH                                                    |
| 3    | 2   | NAS1149D0863J              | WASHER, 0.515 ID, 0.063 THK, ALUMINUM                                                                  |
| 4    | 3   | MS21044N8                  | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF                                                               |
| 5    | 2   | 08DU12                     | BEARING                                                                                                |
| 6    | 2   | AN6-13A                    | BOLT, 3/8-24, 0.8125 GRIP, UNDRILLED, STEEL                                                            |
| 7    | 1   | AN6-46A                    | BOLT, 3/8-24 THREAD, 4-3/16" GRIP, 4-53/64 LENGTH                                                      |
| 8    | 2   | 6A04008-024                | CLIP, BRAKE LINE                                                                                       |
| 9    | 8   | NAS1149D0663J              | WASHER, 0.39 ID, 0.063 THK, ALUMINUM                                                                   |
|      | 2   | NAS1149D0616J              | WASHER, 0.39 ID, 0.016 THK, ALUMINUM                                                                   |
| 10   | 5   | MS21044N6                  | NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF                                                               |
| 11   | 2   | AN6-43A                    | BOLT, 3/8-24 THREAD, 3-13/16" GRIP, 4-29/64 LENGTH                                                     |
| 12   | 1   | 6A04297-001                | TUBE, DRAG LINK (FACTORY REPLACE ONLY)                                                                 |
| 13   | 1   | 6A04000-016<br>6A04510-001 | ASS'Y., AXLE (FACTORY REPLACE ONLY) NOTE: MAIN GEAR<br>AXLE NOT AVAILABLE – CAN BE REPLACED AT WIPAIRE |
| 14   | 1   | AN8-42A                    | BOLT, 1/2-20 THREAD, 3-9/16" GRIP, 4-11/32" LENGTH                                                     |
| 15   | 2   | 08DU08                     | BEARING                                                                                                |
| 16   | 1   | 6A04263-002                | INSERT-AXLE GREASE (1.150 DIA.)                                                                        |
|      | 2   | MS28775-213                | O RING, DIA 0.921                                                                                      |
|      | 1   | 1095K41                    | GREASEZERK                                                                                             |
|      | 1   | 6A04263-003                | INSERT-AXLE GREASE (1.230 DIA.)                                                                        |
|      | 2   | MS28775-214                | O RING, DIA 0.984                                                                                      |
|      | 1   | 1095K41                    | GREASEZERK                                                                                             |
|      | 1   | 6A04263-004                | INSERT-AXLE GREASE (1.020 DIA.)                                                                        |
|      | 2   | MS28775-210                | O RING, DIA 0.734                                                                                      |
|      | 1   | 1095K41                    | GREASEZERK                                                                                             |

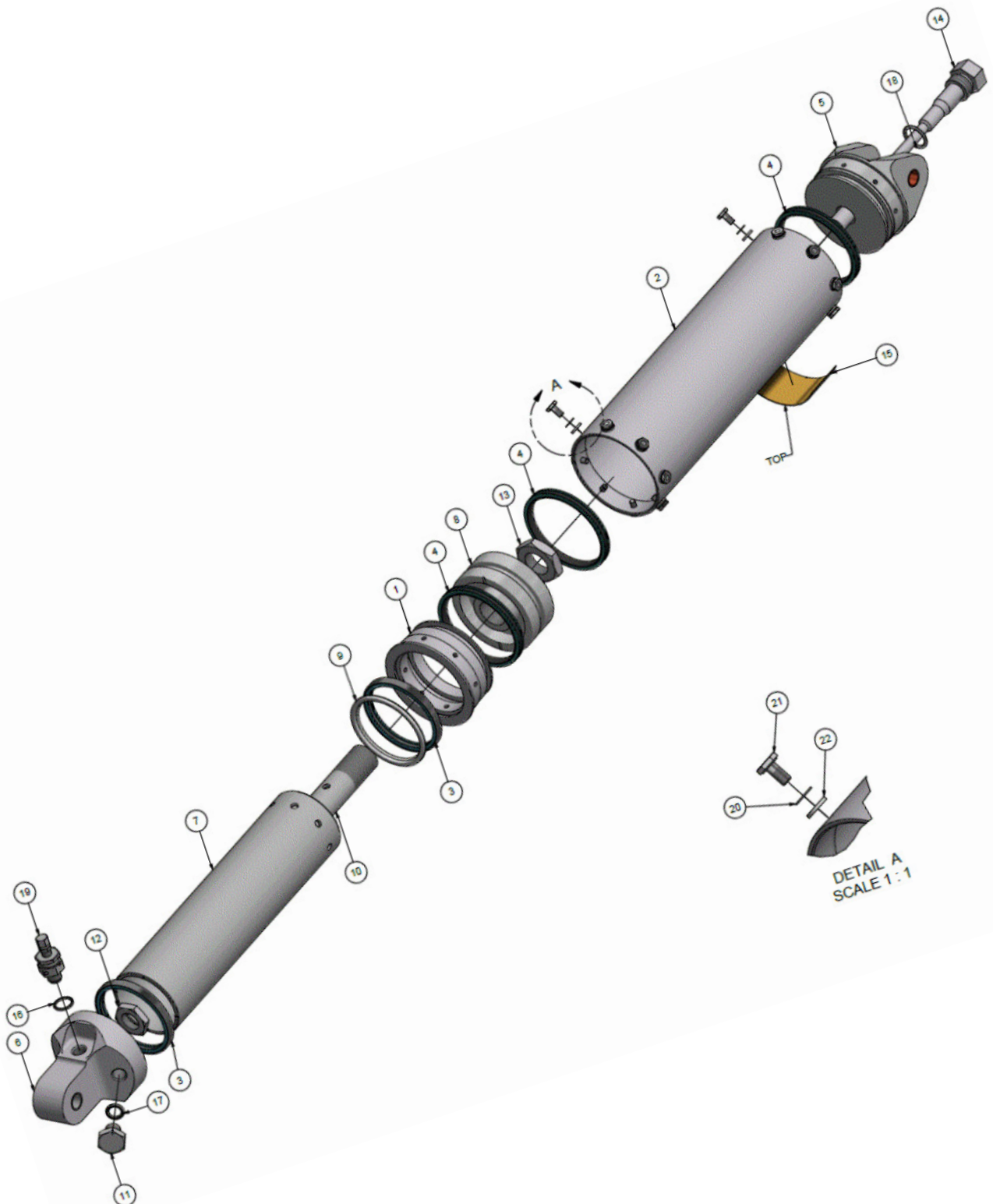
## OLEO SHOCK STRUT ASS'Y (O-RINGS INSTALLED) OLD VERSION



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.      | PART DESCRIPTION                                  |
|------|-----|---------------|---------------------------------------------------|
| -    | 1   | 6A04000-014   | ASSY., OLEO SHOCK STRUT                           |
| 1    | 1   | 6A04261-001   | ROD, METERING - 6000                              |
|      | 1   | 6P04261-007   | ROD, METERING - 6100                              |
| 2    | 1   | MS28775-116   | O RING, DIA 0.737                                 |
| 3    | 1   | 6A04256-003   | CAP, SHOCK STRUT END OLD STYLE                    |
| 4    | 4   | 08DU08        | BUSHING, 1/2" DIA, LENGTH 1/2"                    |
| 5    | 4   | MS28775-234   | O RING, DIA 2.984                                 |
| 6    | 2   | MS28775-336   | O RING, DIA 2.855                                 |
|      | 2   | MS28775-234   | O RING, DIA 2.984                                 |
| 7    | 16  | NAS6203-2     | BOLT                                              |
|      | 16  | MS35333-39    | LOCKWASHER, INTERNAL TOOTH, TO FIT DIA #10        |
|      | 16  | NAS1149D0363J | WASHER, 0.203 ID, 0.063 THK, ALUMINUM             |
| 8    | 1   | AN8-30A       | BOLT, 1/2-20 THREAD, 2-5/16" GRIP, 3-3/32" LENGTH |
|      | 2   | NAS1149D0863J | WASHER, 0.515 ID, 0.063 THK, ALUMINUM             |
|      | 1   | MS21044N8     | NUT, 1/2-20 THREAD, NYLON INSERT, 250 DEG.        |
| 9    | 1   | 6A04407-001   | OUTER CYLINDER SHOCK-STRUT                        |
| 10   | 1   | 6A04276-001   | NUT - CHECK - SHOCK STRUT                         |
| 11   | 1   | 6A04256-004   | PISTON SHOCK - STRUT OLD STYLE                    |
| 12   | 1   | 6A04270-001   | METERING TUBE SHOCK-STRUT                         |
| 13   | 1   | 6A04275-001   | NUT, CHECK, SHOCK STRUT                           |
| 14   | 1   | 6A04538-001   | INNER CYLINDER SHOCK STRUT 6100                   |
| 15   | 1   | MS28775-334   | O RING, DIA 2.6                                   |
|      | 1   | MS28775-231   | O RING, DIA 2.609                                 |
| 16   | 1   | 6A04296-001   | GLAND SHOCK-STRUT                                 |
|      | 1   | 1009966       | WIPER, SHOCK STRUT, T-SEAL                        |
| 17   | 1   | 6A04256-002   | CAP, SHOCK STRUT END OLD STYLE                    |
| 18   | 1   | 6A04271-003   | CAP                                               |
| 19   | 1   | MS28775-111   | O RING, DIA 0.424                                 |
| 20   | 1   | MS28889-2     | VALVE, AIR, HIGH PRESSURE CHARGING, 5000 PSI      |
|      | 1   | MS28775-015   | O RING, DIA 0.551                                 |
| 21   | 1   | MS28775-231   | O RING, DIA 2.609                                 |

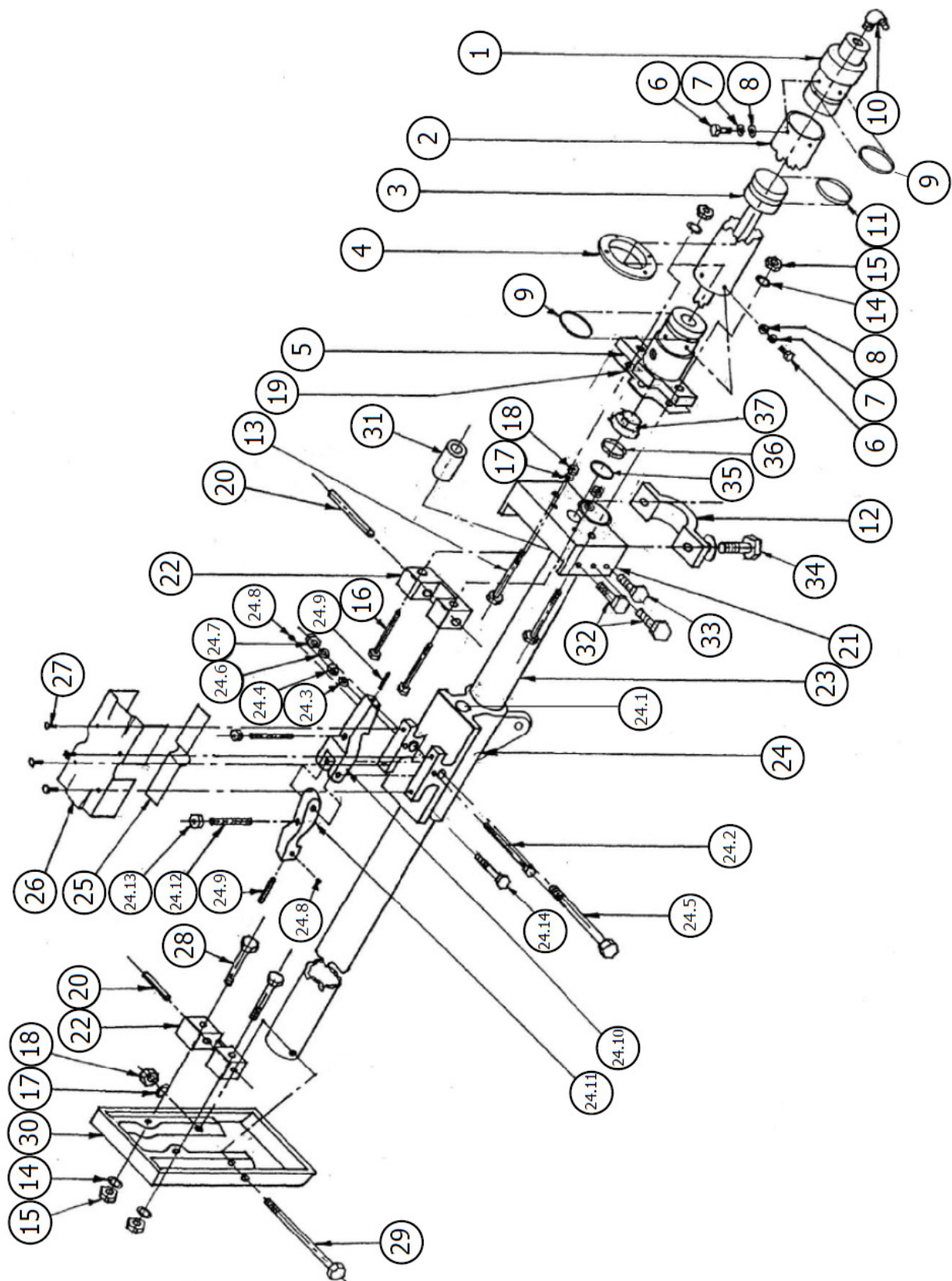
## OLEO SHOCK STRUT ASS'Y (T-SEALS INSTALLED) NEW VERSION



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.      | PART DESCRIPTION                           |
|------|-----|---------------|--------------------------------------------|
| -    | 1   | 1002068       | ASS'Y, OLEO SHOCK STRUT                    |
| 1    | 1   | 1002017       | GLAND - OUTER CYL - SHOCK STRUT            |
| 2    | 1   | 1002018       | CYLINDER, OUTER, SHOCK STRUT, 6100         |
| 3    | 2   | 1002027       | ROD, T-SEAL                                |
| 4    | 3   | 1002028       | T-SEAL                                     |
| 5    | 1   | 1002650       | CAP, END, SHOCK STRUT, W/BUSHINGS          |
| 6    | 1   | 1002651       | CAP, TOP, SHOCK STRUT, W/BUSHINGS          |
| 7    | 1   | 1002653       | CYLINDER, INNER, SHOCK STRUT, 6100         |
| 8    | 1   | 1002654       | PISTON, SHOCK STRUT, 8000                  |
| 9    | 1   | 1009966       | WIPER, SHOCK STRUT, 8000, T-SEAL           |
| 10   | 1   | 6A04270-001   | ROD - PISTON, SHOCK STRUT                  |
| 11   | 1   | 6A04271-003   | PLUG SHOCK STRUT                           |
| 12   | 1   | 6A04275-001   | NUT, CHECK, SHOCK STRUT                    |
| 13   | 1   | 6A04276-001   | NUT, CHECK, SHOCK STRUT                    |
| 14   | 1   | 6P04261-007   | PIN - METERING                             |
| 15   | 1   | 8A3-5086      | PLACARD, HYDRAULIC CYLINDER                |
| 16   | 1   | MS28775-015   | O RING, DIA 0.551                          |
| 17   | 1   | MS28775-111   | O RING, DIA 0.424                          |
| 18   | 1   | MS28775-116   | O RING, DIA 0.737                          |
| 19   | 1   | MS28889-2     | VALVE                                      |
| 20   | 16  | MS35333-39    | LOCKWASHER, INTERNAL TOOTH, TO FIT DIA #10 |
| 21   | 16  | NAS1103-2     | BOLT                                       |
| 22   | 16  | NAS1149D0363J | WASHER, 0.203 ID, 0.063 THK, ALUMINUM      |

## MAIN GEAR SLIDE TUBE ASS'Y (O-RINGS INSTALLED) OLD VERSION



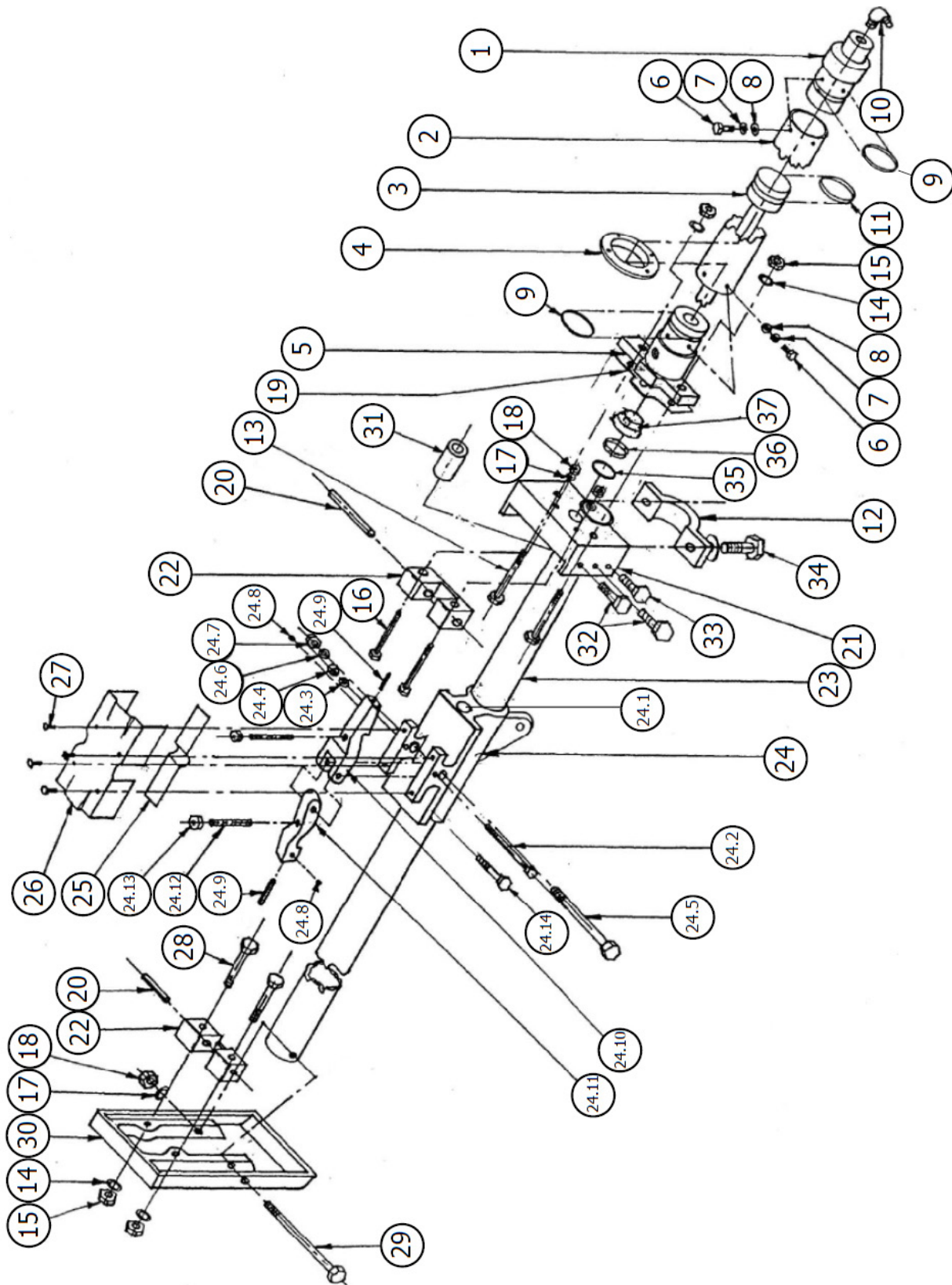
PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM  | QTY | PART NO.       | PART DESCRIPTION                                             |
|-------|-----|----------------|--------------------------------------------------------------|
| 1     | 1   | 6A05268-001    | CYL., END CAP ASS'Y.                                         |
| 2     | 1   | 6A05116-001    | CYL. OUTSIDE                                                 |
| 3     | 1   | 6A05000-006    | RAM ASS'Y.                                                   |
| 4     | 1   | 6A05181-001    | RING CYL. SUPPORT                                            |
|       | 1   | MS28775-327    | O RING, DIA 1.725                                            |
| 5     | 1   | 6A05199-001    | FLANGE CYL. END ASS'Y.                                       |
| 6     | 8   | NAS6203-2      | BOLT                                                         |
| 7     | 8   | MS35333-39     | LOCKWASHER, INTERNAL TOOTH, TO FIT DIA #10                   |
| 8     | 8   | NAS1149D0363J  | WASHER, 0.203 ID, 0.063 THK, ALUMINUM                        |
| 9     | 2   | MS28775-220    | O RING, DIA 1.359                                            |
| 10    | 2   | MS20822-4D     | ELBOW                                                        |
| 11    | 1   | MS28775-219    | O RING, DIA 1.296                                            |
| 12    | 1   | 6A05196-001    | SLIDE TUBE CAP                                               |
| 13    | 2   | AN6-12A        | BOLT, 3/8-24 THREAD, 11/16" GRIP, 1-21/64" LENGTH            |
| 14    | A/R | NAS1149D0663J  | WASHER, 0.39 ID, 0.063 THK, ALUMINUM                         |
| 15    | 6   | MS21044N6      | NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF                     |
| 16    | 2   | AN4-24A        | BOLT, 1/4-28 THREAD, 2-1/16" GRIP, 2-17/32" LENGTH           |
| 17    | A/R | NAS1149D0463J  | WASHER, 0.265 ID, 0.063 THK, ALUMINUM                        |
| 18    | 4   | MS21044N4      | NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF                     |
| 19    | A/R | 6A05156-026    | SHIM                                                         |
| 20    | 2   | 6A05702-008    | LOCK PIN                                                     |
| 21    | 1   | 6A05208-001    | FTG., SLIDE TUBE                                             |
| 22    | 2   | 6A05193-001    | LOCK CATCH                                                   |
| 23    | 1   | 6A05402-003    | SLIDE TUBE                                                   |
|       | 1   | 6A05259-002    | END, SLIDE TUBE, INSERT                                      |
| 24    | 1   | 6A05000-009    | ASSEMBLY, CARRIAGE, COMPLETE WITH LOCKS                      |
| 24.1  | 1   | 6A05000-037    | CARRIAGE WITH BUSHINGS ONLY                                  |
|       | 1   | 6A05309-001    | CARRIAGE, MAIN GEAR                                          |
|       | 2   | 26DU16         | BUSHING (LG.)                                                |
|       | 2   | 08DU08         | BUSHING (SM.)                                                |
| 24.2  | 1   | AN3-25A        | BOLT, 10-32 THREAD, 2-1/4" GRIP, 2-21/32" LENGTH             |
| 24.3  | A/R | NAS1149D0363J  | WASHER, 0.203 ID, 0.063 THK, ALUMINUM                        |
| 24.4  | 1   | MS21044N3      | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF                      |
| 24.5  | 1   | AN6-26A        | BOLT, SIZE 3/8-24, LENGTH 1/64 - 2-53/64, GRIP LENGTH 2-3/16 |
| 24.6  | A/R | NAS1149D0663J  | WASHER, 0.39 ID, 0.063 THK, ALUMINUM                         |
| 24.7  | 1   | MS21044N6      | NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF                     |
| 24.8  | 2   | 1032 NF X 3/16 | SET SCREW                                                    |
| 24.9  | 2   | 3A05701-001    | MAGNET                                                       |
| 24.10 | 1   | 6A05042-001    | LOCK AFT                                                     |
| 24.11 | 1   | 6A05041-001    | LOCK FWD                                                     |
| 24.12 | 2   | 6A05087-001    | SCREW, ADJUSTING, MAIN GEAR LOCK                             |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM  | QTY | PART NO.      | PART DESCRIPTION                                        |
|-------|-----|---------------|---------------------------------------------------------|
| 24.13 | 2   | AN316-4R      | NUT JAM, HEXAGON, 1/4-28 THREAD, RIGHT                  |
| 24.14 | 1   | AN4-14A       | BOLT, 1/4-28, 1.0625 GRIP, UNDRILLED, STEEL             |
|       | A/R | NAS1149D0463J | WASHER, 0.265 ID, 0.063 THK, ALUMINUM                   |
|       | 1   | MS21044N4     | NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF                |
| 24.15 | 1   | 1095K41       | GREASE ZERK (NOT PICTURED)                              |
| 25    | 1   | 6A05533-001   | SPRING LOCK                                             |
| 26    | 1   | 6A05158-019   | COVER CARRIAGE                                          |
| 27    | 4   | AN526-832R8   | SCREW, WASHER HEAD, 8-32 THREAD, 1/8" GRIP, 1/2" LENGTH |
|       | 4   | MS35333-38    | LOCKWASHER, INTERNAL TOOTH, TO FIT DIA #8               |
|       | 4   | NAS1149DN832J | WASHER, 0.174 ID, 0.032 THK, ALUMINUM                   |
| 28    | 2   | AN4-24A       | BOLT, 1/4-28 THREAD, 2-1/16" GRIP, 2-17/32" LENGTH      |
| 29    | 1   | AN6-47A       | BOLT, 3/8-24 THREAD, 4-5/16" GRIP, 4-61/64 LENGTH       |
| 30    | 1   | 6A01201-001   | FTG., FWD., SLIDE TUBE                                  |
| 31    | 1   | 6A05259-002   | END, SLIDE TUBE                                         |
| 32    | 4   | AN5-6A        | BOLT, 5/16-24, 0.3125 GRIP, UNDRILLED, STEEL            |
|       | A/R | NAS1149D0563J | WASHER, 0.328 ID, 0.063 THK, ALUMINUM                   |
|       | 4   | MS21044N5     | NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF               |
| 33    | 2   | AN6-7A        | BOLT, 3/8-24 THREAD, 5/16" GRIP, 61/64" LENGTH          |
|       | A/R | NAS1149D0663J | WASHER, 0.39 ID, 0.063 THK, ALUMINUM                    |
|       | 2   | MS21044N6     | NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF                |
| 34    | 2   | AN5H10A       | BOLT, 5/16-24 THREAD, 9/16" GRIP, 1-3/32" LENGTH        |
|       | A/R | NAS1149D0563J | WASHER, 0.328 ID, 0.063 THK, ALUMINUM                   |
| 35    | 1   | MS28775-314   | "O" RING                                                |
| 36    | 1   | 6A05580-004   | WIPER, MAIN, FELT                                       |
| 37    | 1   | 8880410       | WIPER, NYLON                                            |

## MAIN GEAR SLIDE TUBE ASS'Y (T-SEALS INSTALLED) NEW VERSION



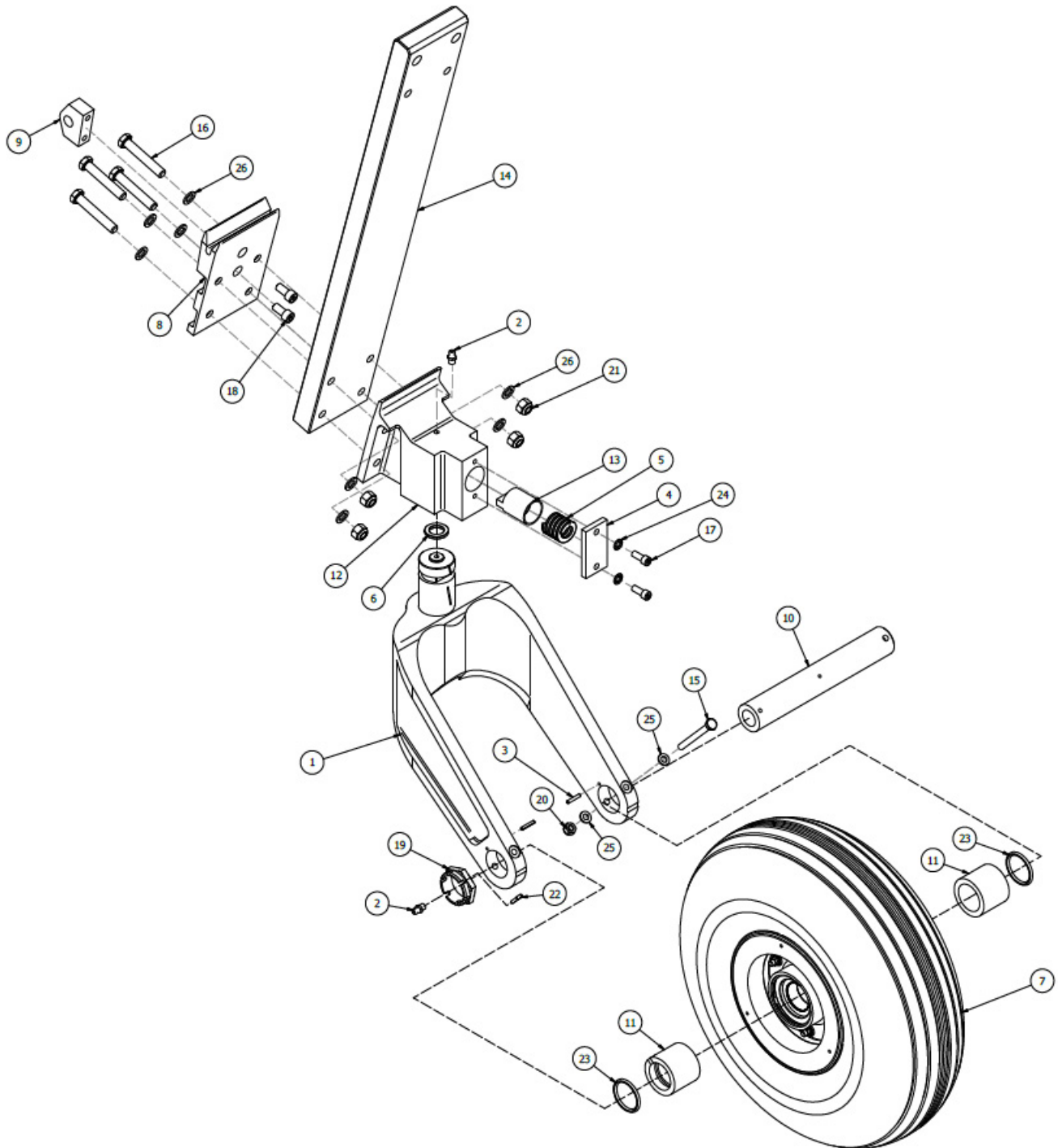
PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM  | QTY | PART NO.       | PART DESCRIPTION                                             |
|-------|-----|----------------|--------------------------------------------------------------|
| 1     | 1   | 1002236        | CYL., END CAP                                                |
| 2     | 1   | 1002022        | CYL. OUTSIDE                                                 |
| 3     | 1   | 1002639        | RAM. ASS'Y.                                                  |
| 4     | 1   | 6A05181-001    | RING CYL. SUPPORT                                            |
|       | 1   | MS28775-327    | O RING, DIA 1.725                                            |
| 5     | 1   | 1002235        | FLANGE CYL. END                                              |
| 6     | 8   | NAS6203-2      | BOLT                                                         |
| 7     | 8   | MS35333-39     | LOCKWASHER, INTERNAL TOOTH, TO FIT DIA #10                   |
| 8     | 8   | NAS1149D0363J  | WASHER, 0.203 ID, 0.063 THK, ALUMINUM                        |
| 9     | 2   | 1002229        | T-SEAL                                                       |
| 10    | 2   | MS20822-4D     | ELBOW FTG.                                                   |
| 11    | 1   | 1002229        | T-SEAL                                                       |
| 12    | 1   | 6A05196-001    | SLIDE TUBE CAP                                               |
| 13    | 2   | AN6-12A        | BOLT, 3/8-24 THREAD, 11/16" GRIP, 1-21/64" LENGTH            |
| 14    | A/R | NAS1149D0663J  | WASHER, 0.39 ID, 0.063 THK, ALUMINUM                         |
| 15    | 6   | MS21044N6      | NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF                     |
| 16    | 2   | AN4-24A        | BOLT, 1/4-28 THREAD, 2-1/16" GRIP, 2-17/32" LENGTH           |
| 17    | A/R | NAS1149D0463J  | WASHER, 0.265 ID, 0.063 THK, ALUMINUM                        |
| 18    | 4   | MS21044N4      | NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF                     |
| 19    | A/R | 6A05158-020    | SHIM                                                         |
| 20    | 2   | 6A05702-008    | LOCK PIN                                                     |
| 21    | 1   | 6A05208-001    | FTG., SLIDE TUBE                                             |
| 22    | 2   | 6A05193-001    | LOCK CATCH                                                   |
| 23    | 1   | 6A05402-003    | SLIDE TUBE                                                   |
|       | 1   | 6A05259-002    | END, SLIDE TUBE, INSERT                                      |
| 24    | 1   | 1002643        | ASSEMBLY, CARRIAGE, COMPLETE W/ LOCKS                        |
| 24.1  | 1   | 1002642        | CARRIAGE WITH BUSHINGS ONLY                                  |
|       | 1   | 1002621        | CARRIAGE, MAIN GEAR                                          |
|       | 2   | 26DU16         | BUSHING (LG.)                                                |
|       | 2   | 08DU08         | BUSHING (SM.)                                                |
| 24.2  | 1   | AN3-25A        | BOLT, 10-32 THREAD, 2-1/4" GRIP, 2-21/32" LENGTH             |
| 24.3  | A/R | NAS1149D0363J  | WASHER, 0.203 ID, 0.063 THK, ALUMINUM                        |
| 24.4  | 1   | MS21044N3      | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF                      |
| 24.5  | 1   | AN6-26A        | BOLT, SIZE 3/8-24, LENGTH 1/64 - 2-53/64, GRIP LENGTH 2-3/16 |
| 24.6  | A/R | NAS1149D0663J  | WASHER, 0.39 ID, 0.063 THK, ALUMINUM                         |
| 24.7  | 1   | MS21044N6      | NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF                     |
| 24.8  | 2   | 1032 NF X 3/16 | SET SCREW                                                    |
| 24.9  | 2   | 3A05701-001    | MAGNET                                                       |
| 24.10 | 1   | 6A05042-001    | LOCK, AFT                                                    |
| 24.11 | 1   | 6A05041-001    | LOCK, FWD                                                    |
| 24.12 | 2   | 6A05087-001    | SCREW, ADJUSTING, MAIN GEAR LOCK                             |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM  | QTY | PART NO.      | PART DESCRIPTION                                        |
|-------|-----|---------------|---------------------------------------------------------|
| 24.13 | 2   | AN316-4R      | NUT JAM, HEXAGON, 1/4-28 THREAD, RIGHT                  |
| 24.14 | 1   | AN4-14A       | BOLT, 1/4-28, 1.0625 GRIP, UNDRILLED, STEEL             |
|       | A/R | NAS1149D0463J | WASHER, 0.265 ID, 0.063 THK, ALUMINUM                   |
|       | 1   | MS21044N4     | NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF                |
| 24.15 | 1   | 1095K41       | GREASE ZERK (NOT PICTURED)                              |
| 25    | 1   | 6A05533-001   | SPRING LOCK                                             |
| 26    | 1   | 6A05158-019   | COVER, CARRIAGE                                         |
| 27    | 4   | AN526-832R8   | SCREW, WASHER HEAD, 8-32 THREAD, 1/8" GRIP, 1/2" LENGTH |
|       | 4   | MS35333-38    | LOCKWASHER, INTERNAL TOOTH, TO FIT DIA #8               |
|       | 4   | NAS1149DN832J | WASHER, 0.174 ID, 0.032 THK, ALUMINUM                   |
| 28    | 2   | AN4-24A       | BOLT, 1/4-28 THREAD, 2-1/16" GRIP, 2-17/32" LENGTH      |
| 29    | 1   | AN6-47A       | BOLT, 3/8-24 THREAD, 4-5/16" GRIP, 4-61/64 LENGTH       |
| 30    | 1   | 6A01201-001   | FTG., FWD, SLIDE TUBE                                   |
| 31    | 1   | 6A05259-002   | END, SLIDE TUBE                                         |
| 32    | 4   | AN5-6A        | BOLT, 5/16-24, 0.3125 GRIP, UNDRILLED, STEEL            |
|       | A/R | NAS1149D0563J | WASHER, 0.328 ID, 0.063 THK, ALUMINUM                   |
|       | 4   | MS21044N5     | NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF               |
| 33    | 2   | AN6-7A        | BOLT, 3/8-24 THREAD, 5/16" GRIP, 61/64" LENGTH          |
|       | A/R | NAS1149D0663J | WASHER, 0.39 ID, 0.063 THK, ALUMINUM                    |
|       | 2   | MS21044N6     | NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF                |
| 34    | 2   | AN5H10A       | BOLT, 5/16-24 THREAD, 9/16" GRIP, 1-3/32" LENGTH        |
|       | A/R | NAS1149D0563J | WASHER, 0.328 ID, 0.063 THK, ALUMINUM                   |
| 35    | 2   | 1002231       | T-SEAL                                                  |
| 36    | 1   | 6A05580-004   | WIPER, MAIN, FELT                                       |
| 37    | 1   | 8880410       | WIPER, NYLON                                            |

**NOSE FORK AND PIVOT ASSEMBLY, LOWER END  
FLOAT SERIAL NUMBERS 61523A & 61524A AND LATER  
(BACKWARDS COMPATIBLE)**



\* 1012041 Nose Fork And Pivot Assembly is available to earlier floats as it is backwards compatible for legacy floats. Assembly is standard on floats 61523A & 61524A and later.

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.      | PART DESCRIPTION                                                     |
|------|-----|---------------|----------------------------------------------------------------------|
| -    | 1   | 1012041       | ASSEMBLY, NOSE FORK AND PIVOT                                        |
| 1    | 1   | 1012040       | ASSEMBLY, NOSE FORK WITH PIN                                         |
| 2    | 2   | 1095K41       | COMMON GREASEZERK                                                    |
| 3    | 2   | 215-125-0750  | PIN, ROLL, 1/8 X 3/4, SPRING                                         |
| 4    | 1   | 3A06037-001   | CAP - PIVOT BLOCK                                                    |
| 5    | 1   | 3A06525-002   | SPRING, CENTERING, NOSE GEAR                                         |
| 6    | 1   | 3A06602-001   | THRUST WASHER                                                        |
| 7    | 1   | 6A06000-005   | NOSE WHEEL ASSY WITH TIRE                                            |
|      | 1   | 1003233       | NOSE WHEEL ASSEMBLY WITHOUT TIRE (SEE FOLLOWING PAGES FOR BREAKDOWN) |
|      | 1   | AA1D4*        | TIRE, 5.00 X 5 - 6, TYPE 3, NOSE 6000                                |
|      | 1   | XA1AC*        | TUBE, 5.00 X 5, NOSE 6100                                            |
| 8    | 1   | 6A06196-002   | PLATE, BEARING, LOWER, NOSE SPRING                                   |
| 9    | 1   | 6A06202-001   | BLOCK, ATTACH, TOWING                                                |
| 10   | 1   | 6A06265-001   | AXLE - NOSE WHEEL                                                    |
| 11   | 2   | 6A06268-002   | SPACER                                                               |
| 12   | 1   | 6A06312-001   | PIVOT BLOCK, NOSE GEAR                                               |
| 13   | 1   | 6A06512-002   | RETAINER, NOSE GEAR PIVOT                                            |
| 14   | 1   | 6A06625-001   | SPRING, NOSE GEAR                                                    |
| 15   | 1   | AN4-25A       | BOLT, 1/4-28, 2.1875 GRIP, UNDRILLED, STEEL                          |
| 16   | 4   | AN6-21A       | BOLT, 3/8-24, 1.5625 GRIP, UNDRILLED, STEEL                          |
| 17   | 2   | MS16997-60    | SOCKET HEAD CAP SCREW                                                |
| 18   | 2   | MS16997-77    | SOCKET HEAD CAP SCREW                                                |
| 19   | 1   | MS21025-20    | NUT, AXLE                                                            |
| 20   | 1   | MS21044N4     | NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF                             |
| 21   | 4   | MS21044N6     | NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF                             |
| 22   | 1   | MS24665-349   | COTTER PIN                                                           |
| 23   | 2   | MS28775-218   | "O" RING                                                             |
| 24   | 2   | MS35333-40    | STAR WASHER                                                          |
| 25   | 2   | NAS1149F0463P | WASHER, 0.265 ID, 0.063 THK, STEEL                                   |
| 26   | 8   | NAS1149F0663P | WASHER, 0.39 ID, 0.063 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.

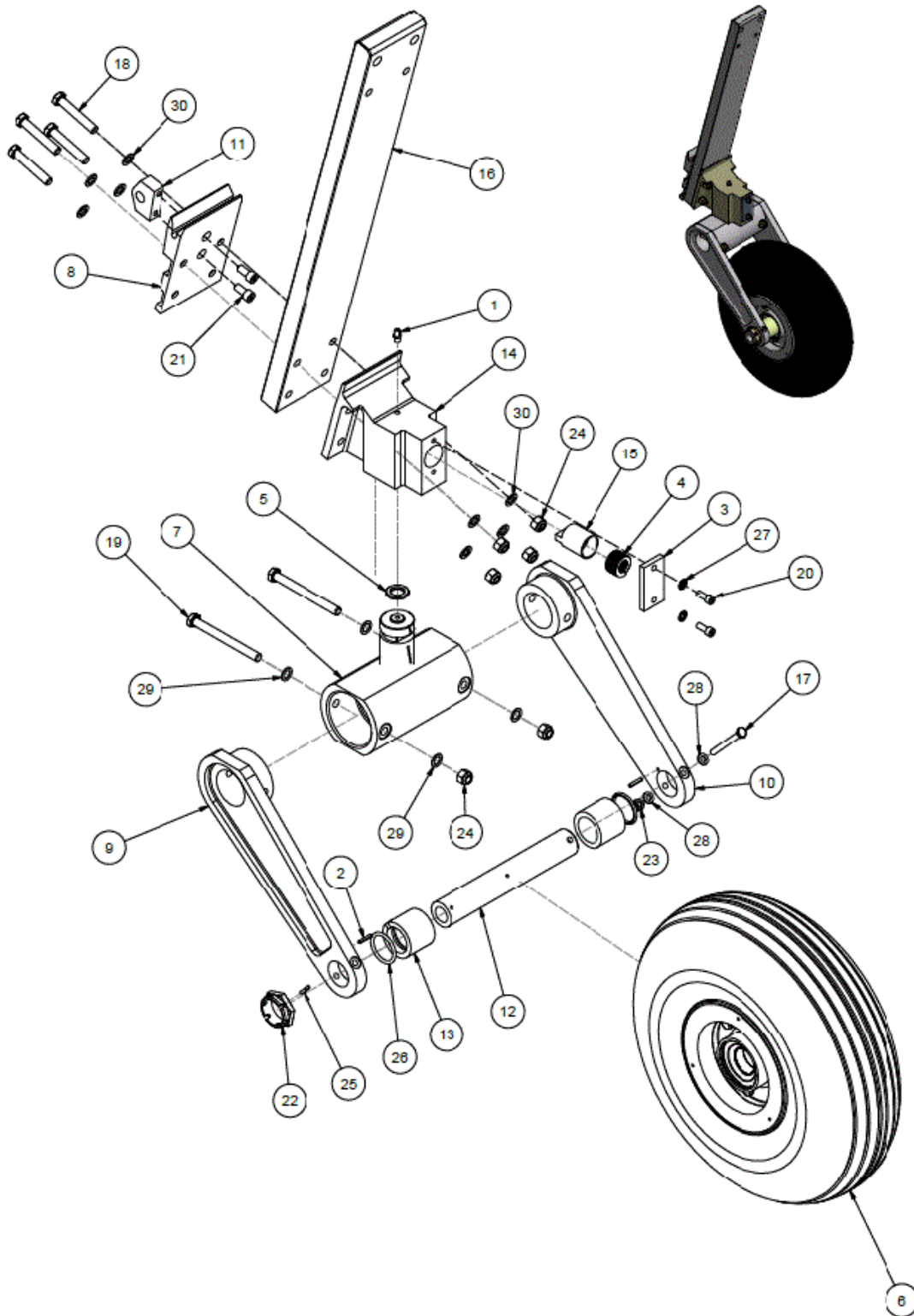
**NOSE FORK WITH PIN ASSEMBLY**  
**FLOAT SERIAL NUMBERS 61523A & 61524A AND LATER**  
**(BACKWARDS COMPATIBLE)**



\* 1012040 Nose Fork With Pin Assembly is available to earlier floats as it is backwards compatible for legacy floats. Assembly is standard on floats 61523A & 61524A and later.

| ITEM | QTY | PART NO.    | PART DESCRIPTION             |
|------|-----|-------------|------------------------------|
| -    | 1   | 1012040     | ASSEMBLY, NOSE FORK WITH PIN |
| 1    | 1   | 1011759     | NOSE FORK, WITHOUT PIN       |
| 2    | 1   | 6A06501-001 | CASTOR PIN, NOSE GEAR        |

## NOSE FORK AND PIVOT ASSEMBLY, LOWER END FLOAT SERIAL NUMBERS 61521A & 61522A AND PRIOR

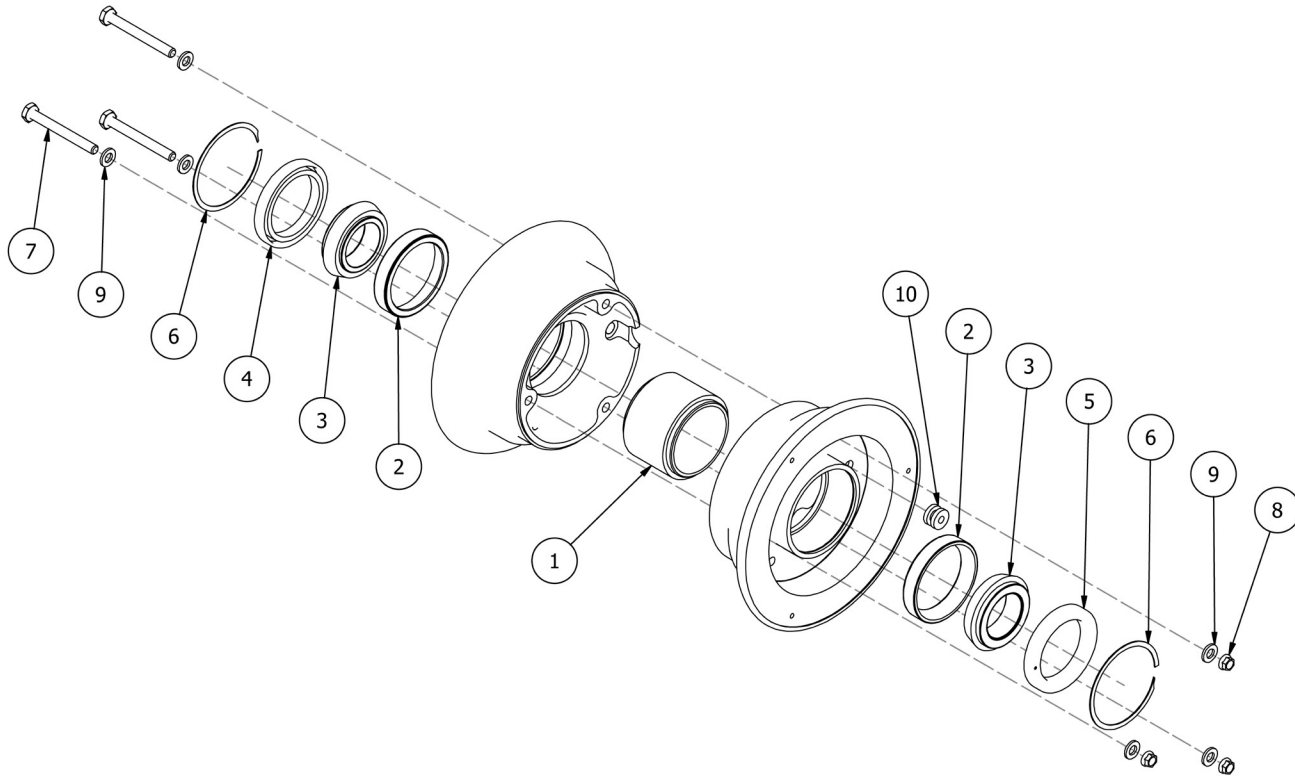


PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.      | PART DESCRIPTION                                                     |
|------|-----|---------------|----------------------------------------------------------------------|
| -    | 1   | 6A06000-011   | NOSE FORK AND PIVOT ASSY                                             |
| 1    | 2   | 1095K41       | COMMON GREASEZERK                                                    |
| 2    | 2   | 215-125-0750  | PIN, ROLL, 1/8 X 3/4, SPRING                                         |
| 3    | 1   | 3A06037-001   | CAP - PIVOT BLOCK                                                    |
| 4    | 1   | 3A06525-002   | SPRING                                                               |
| 5    | 1   | 3A06602-001   | THRUST WASHER                                                        |
| 6    | 1   | 6A06000-005   | NOSE WHEEL ASSY                                                      |
|      | 1   | 1003233       | NOSE WHEEL ASSEMBLY WITHOUT TIRE (SEE FOLLOWING PAGES FOR BREAKDOWN) |
|      | 1   | AA1D4*        | TIRE, 5.00 X 5 - 6, TYPE 3, NOSE 6000                                |
|      | 1   | XA1AC*        | TUBE, 5.00 X 5, NOSE 6100                                            |
| 7    | 1   | 6A06000-006   | YOKE ASSY                                                            |
| 8    | 1   | 6A06196-002   | PLATE, BEARING, LOWER, NOSE SPRING                                   |
| 9    | 1   | 6A06199-003   | LEG, NOSE WHEEL FORK, LEFT                                           |
| 10   | 1   | 6A06199-004   | LEG, NOSE WHEEL FORK, RIGHT                                          |
| 11   | 1   | 6A06202-001   | BLOCK, ATTACH, TOWING                                                |
| 12   | 1   | 6A06265-001   | AXLE - NOSE WHEEL                                                    |
| 13   | 2   | 6A06268-002   | SPACER                                                               |
| 14   | 1   | 6A06312-001   | PIVOT BLOCK, NOSE GEAR                                               |
| 15   | 1   | 6A06512-002   | RETAINER, NOSE GEAR PIVOT                                            |
| 16   | 1   | 6A06625-001   | SPRING, NOSE GEAR                                                    |
| 17   | 1   | AN4-25A       | BOLT, 1/4-28 THREAD, 2-3/16" GRIP, 2-21/32 LGTH                      |
| 18   | 4   | AN6-21A       | BOLT, 3/8-24 THREAD, 1-9/16" GRIP, 2-13/64 LGTH                      |
| 19   | 2   | AN6-37A       | BOLT, 3/8-24 THREAD, 3-5/16" GRIP, 3-61/64 LGTH                      |
| 20   | 2   | MS16997-60    | SCREW, CAP, SOCKET HEAD, 1/4-20X1.500, STEEL                         |
| 21   | 2   | MS16997-77    | SCREW, CAP, SOCKET HEAD, 5/16-16X.625, STEEL                         |
| 22   | 1   | MS21025-20    | NUT, AXLE                                                            |
| 23   | 1   | MS21044N4     | NUT, HEX LOCKING NYLON INSERT STEEL, 1/4-28                          |
| 24   | 6   | MS21044N6     | NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF                             |
| 25   | 1   | MS24665-349   | COTTER PIN                                                           |
| 26   | 2   | MS28775-218   | O RING, DIA 1.234                                                    |
| 27   | 2   | MS35333-40    | LOCKWASHER, INTERNAL TOOTH, TO FIT DIA 1/4"                          |
| 28   | 2   | NAS1149F0463P | WASHER, 0.265 ID, 0.063 THK, STEEL                                   |
| 29   | 4   | NAS1149F0632P | WASHER, 0.39 ID, 0.032 THK, STEEL                                    |
| 30   | 8   | NAS1149F0663P | WASHER, 0.39 ID, 0.063 THK, STEEL                                    |

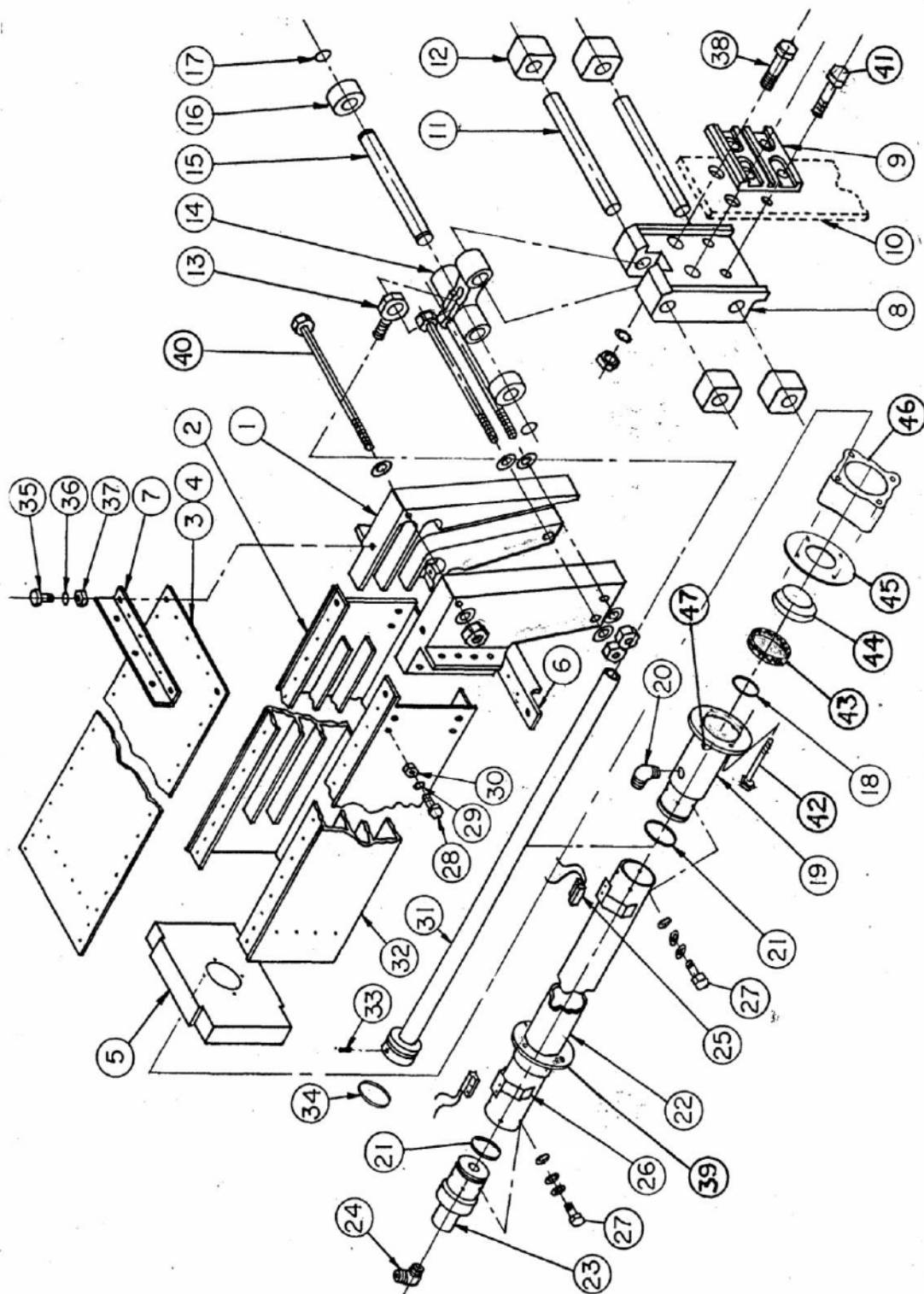
\* Any alternate tire (tube type) which is TSO-approved, matches the listed tire's dimensions, and meets its speed/load/ply ratings may be used. Equivalent tubes may also be used.

## NOSE WHEEL ASSEMBLY WITHOUT TIRE



| ITEM | QTY | PART NO.      | PART DESCRIPTION                                                                                   |
|------|-----|---------------|----------------------------------------------------------------------------------------------------|
| -    | 1   | 1003233       | ASSEMBLY, NOSE WHEEL WITHOUT TIRE (REWORKED CLEVELAND P/N 40-87H WITH DRAIN HOLES, EXPANDED SEALS) |
| 1    | 1   | 1003232       | RETAINER, GREASE, NOSE WHEEL                                                                       |
| 2    | 2   | 08231         | CUP, BEARING, TIMKEN                                                                               |
| 3    | 2   | 08125         | BEARING, STL, TIMKEN                                                                               |
| 4    | 1   | 1003547       | SEAL, BEARING, WHEEL, INBOARD                                                                      |
| 5    | 1   | 1003548       | SEAL, NOSE WHEEL, OUTBOARD (INCLUDES #50 VENT HOLE)                                                |
| 6    | 2   | 155-00200     | RING, SNAP                                                                                         |
| 7    | 3   | AN4-22A       | BOLT, 1/4-28 THREAD, 1-13/16" GRIP, 2-9/32" LENGTH                                                 |
| 8    | 3   | MS21042-4     | NUT, SELF LOCKING, 1/4-28, REDUCED HEIGHT                                                          |
| 9    | 6   | NAS1149F0463P | WASHER, SCREW SIZE 1/4 OD.500 ID.265 THK.063                                                       |
| 10   | 1   | 217-00100     | GROMMET, AIR VALVE STEM                                                                            |

## NOSE GEAR RETRACTION ASSEMBLY, UPPER END (O-RINGS INSTALLED) OLD VERSION



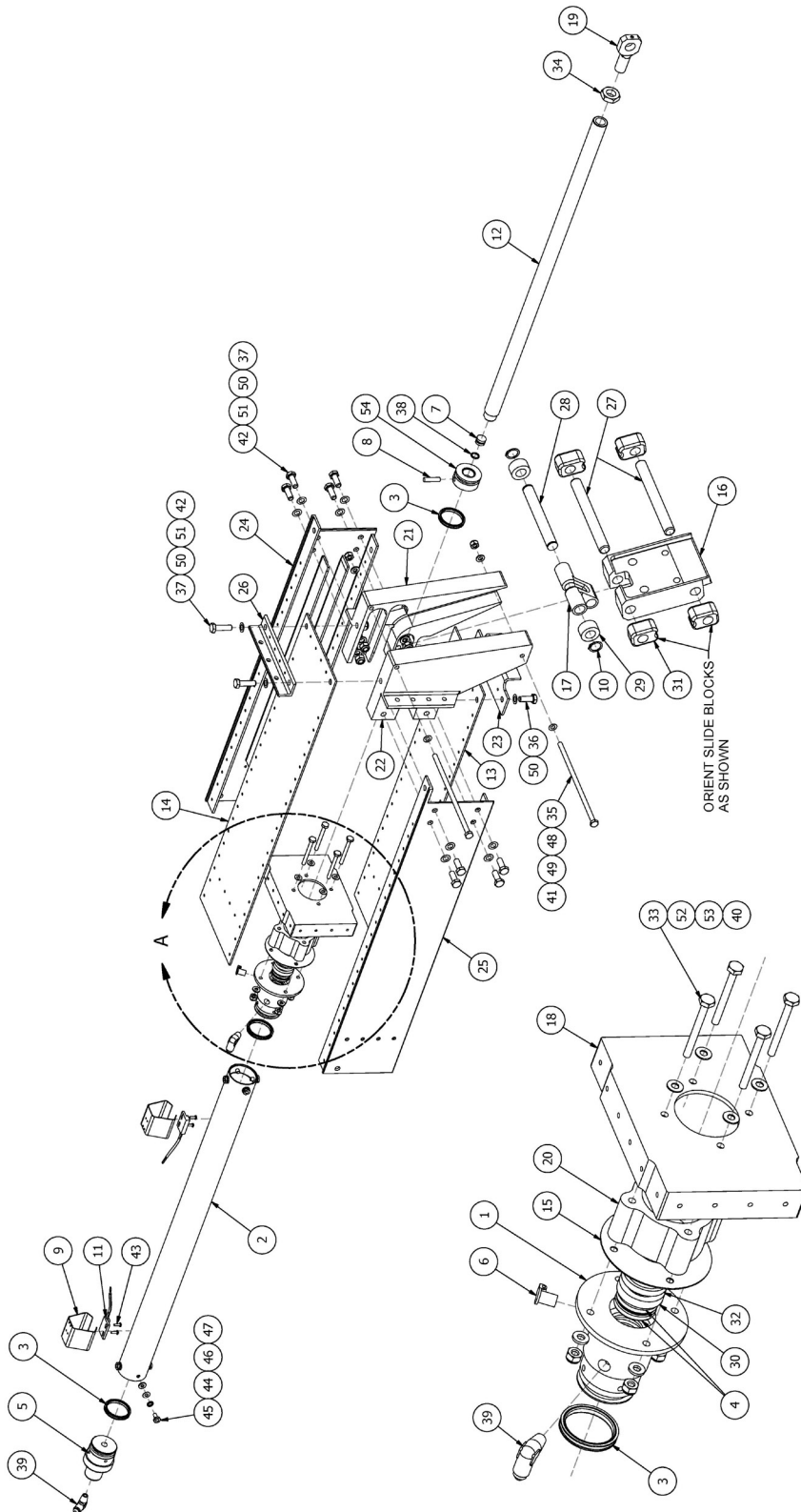
PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.      | PART DESCRIPTION                                |
|------|-----|---------------|-------------------------------------------------|
| -    | 1   | 6A07000-004   | NOSE GEAR, RETRACTION SYSTEM                    |
| 1    | 1   | 6A07337-001   | END, NOSE GEAR TRACK, LT.                       |
|      | 1   | 6A07337-002   | END, NOSE GEAR TRACK, RT.                       |
| 2    | 1   | 6A07364-001   | TRACK, SIDE NOSE GEAR BOX, LT.                  |
|      | 1   | 6A07364-002   | TRACK, SIDE NOSE GEAR BOX, RT.                  |
| 3    | 1   | 6A07156-023   | NOSE BOX, COVER, TOP                            |
| 4    | 1   | 6A07156-022   | NOSE BOX, COVER, BTM.                           |
| 5    | 1   | 6A07210-001   | END CAP, NOSE BOX                               |
| 6    | 1   | 6A07357-036   | ANGLE, NOSE BOX, BTM.                           |
| 7    | 1   | 6A07427-003   | ANGLE, NOSE BOX, TOP                            |
| 8    | 1   | 6A07199-002   | TROLLEY, NOSE GEAR                              |
| 9    | 1   | 6A07184-001   | PLATE, BEARING                                  |
| 10   | 1   | 6A06625-001   | SPRING, NOSE                                    |
| 11   | 2   | 6A07534-001   | AXLE, TROLLEY                                   |
| 12   | 4   | 6A07603-001   | BLOCK, TROLLEY                                  |
| 13   | 1   | 6A07263-001   | ROD END, NOSE GEAR RAM                          |
| 14   | 1   | 6A07204-001   | LINK, TROLLEY, NOSE GEAR                        |
| 15   | 1   | 6A07534-002   | AXLE, LINK                                      |
| 16   | 2   | 6A07544-001   | ROLLER, TROLLEY BEARING                         |
| 17   | 2   | 5100-62H      | SNAP RING                                       |
| 18   | 1   | MS28775-316   | O RING, DIA 0.875                               |
| 19   | 1   | 6A07264-002   | FLANGE, NOSE GEAR CYL.                          |
| 20   | 1   | MS20822-4D    | ELBOW                                           |
| 21   | 1   | MS28775-220   | O RING, DIA 1.359                               |
| 22   | 1   | 6A07116-002   | CYL., NOSE GEAR RAM (OLD STYLE)                 |
| 23   | 1   | 6A05268-001   | END CAP                                         |
| 24   | 1   | MS20822-4D    | ELBOW                                           |
| 25   | 2   | 5801          | SWITCH, PROXIMITY                               |
|      | 4   | MS35206-215   | SCREW, PAN HEAD, STL. CAD 2, 4-40, 3/8"         |
| 26   | 2   | 3A07005-178   | MOUNT SWITCH                                    |
| 27   | 8   | NAS6203-2     | BOLT                                            |
|      | 8   | NAS1149D0363J | WASHER, 0.203 ID, 0.063 THK, ALUMINUM           |
|      | 8   | NAS1149D0316J | WASHER, 0.203 ID, 0.016 THK, ALUMINUM           |
|      | 8   | MS35333-39    | LOCKWASHER, INTERNAL TOOTH, TO FIT DIA #10      |
| 28   | 10  | AN5-7A        | BOLT, 5/16-24 THREAD, 7/16" GRIP, 31/32" LENGTH |
| 29   | A/R | NAS1149D0563J | WASHER, 0.328 ID, 0.063 THK, ALUMINUM           |
|      | A/R | NAS1149D0516J | WASHER, 0.328 ID, 0.016 THK, ALUMINUM           |
| 30   | 8   | MS21044N5     | NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF       |
| 31   | 1   | 6A07000-008   | ASS'Y RAM                                       |
| 32   | 1   | 6A07364-001   | TRACK, SIDE NOSE GEAR BOX, LT.                  |
|      | 1   | 6A07364-002   | TRACK, SIDE NOSE GEAR BOX, RT.                  |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.      | PART DESCRIPTION                                 |
|------|-----|---------------|--------------------------------------------------|
| 33   | 1   | 3A05701-001   | MAGNET                                           |
| 34   | 1   | MS28775-219   | O RING, DIA 1.296                                |
| 35   | 2   | AN5-10A       | BOLT, 5/16-24 THREAD, 9/16" GRIP, 1-3/32" LENGTH |
| 36   | A/R | NAS1149D0516J | WASHER, 0.328 ID, 0.016 THK, ALUMINUM            |
|      | A/R | NAS1149D0563J | WASHER, 0.328 ID, 0.063 THK, ALUMINUM            |
| 37   | 2   | MS21044N5     | NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF        |
| 38   | 2   | AN8-26A       | BOLT, 1/2-20, 2.0625 GRIP, UNDRILLED, STEEL      |
|      | A/R | NAS1149F0763P | WASHER, 0.453 ID, 0.063 THK, STEEL               |
|      | 2   | MS21044N8     | NUT, LOCKING, REGULAR HEIGHT, 1/2-20 UNF         |
| 39   | 1   | 6A05181-001   | SUPPORT RING, CYL.                               |
| 40   | 2   | AN4-65A       | BOLT, 1/4-28, 6.1875 GRIP, UNDRILLED, STEEL      |
|      | A/R | NAS1149F0463P | WASHER, 0.265 ID, 0.063 THK, STEEL               |
|      | 2   | MS21044N4     | NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF         |
| 41   | 2   | AN6-24A       | BOLT, 3/8-24, 1.9375 GRIP, UNDRILLED, STEEL      |
|      | A/R | NAS1149F0663P | WASHER, 0.39 ID, 0.063 THK, STEEL                |
|      | 2   | MS21044N6     | NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF         |
| 42   | 4   | AN3-20A       | BOLT, 10-32, 1.625 GRIP, UNDRILLED, STEEL        |
|      | 4   | NAS1149F0363P | WASHER, 0.203 ID, 0.063 THK, STEEL               |
|      | 4   | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF          |
| 43   | 1   | 6A07580-005   | WIPER, FELT                                      |
| 44   | 1   | 8880510       | WIPER, NYLON                                     |
| 45   | 1   | 6A07158-129   | PLATE                                            |
| 46   | 1   | 6A07264-003   | SPACER                                           |
| 47   | 1   | 1205K12       | OILER, FILLER                                    |

## NOSE GEAR RETRACTION ASSEMBLY, UPPER END (T-SEALS INSTALLED) NEW VERSION



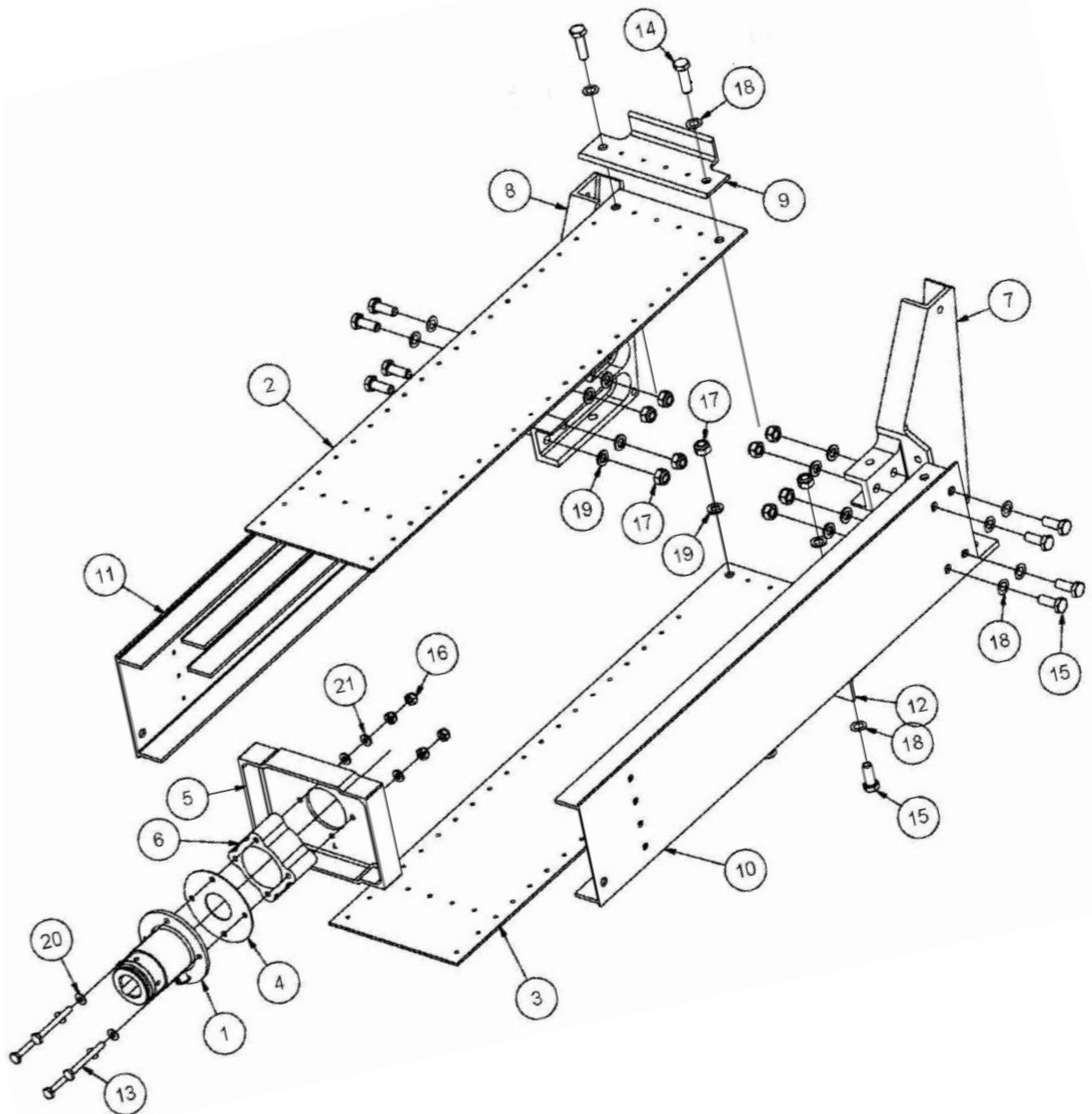
PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.     | PART DESCRIPTION                                 |
|------|-----|--------------|--------------------------------------------------|
| 1    | 1   | 1002013      | FLANGE - CYLINDER NOSE GEAR RAM                  |
| 2    | 1   | 1002024      | CYLINDER, RAM, NOSE, 6000                        |
| 3    | 3   | 1002229      | PISTON, T-SEAL                                   |
| 4    | 2   | 1002230      | ROD, T-SEAL                                      |
| 5    | 1   | 1002011      | END, CAP, HYDRAULIC CYLINDER                     |
| 6    | 1   | 1205K12      | OILER                                            |
| 7    | 1   | 13A07279-001 | PLUG - RAM NOSE GEAR                             |
| 8    | 1   | 3A05701-001  | MAGNET, HOOK LATCH, MAIN GEAR                    |
| 9    | 2   | 3A07005-178  | CLIP, SWITCH, NOSE & MAIN                        |
| 10   | 2   | 5100-62H     | SNAP RING                                        |
| 11   | 2   | 5801         | SWITCH, SENSOR                                   |
| 12   | 1   | 6A07482-001  | SHAFT, RAM, NOSE GEAR                            |
| 13   | 1   | 6A07156-022  | SKIN - NOSE BOX, BOTTOM, 6100 FLOATS             |
| 14   | 1   | 6A07156-023  | SKIN - NOSE BOX, TOP, 6100 FLOATS                |
| 15   | 1   | 6A07158-129  | PLATE - FLANGE                                   |
| 16   | 1   | 6A07199-002  | TROLLY, NOSE GEAR                                |
| 17   | 1   | 6A07204-001  | LINK, NOSE GEAR                                  |
| 18   | 1   | 6A07210-001  | CAP - END, NOSE BOX                              |
| 19   | 1   | 6A07263-001  | ROD END - NOSE GEAR RAM                          |
| 20   | 1   | 6A07264-003  | SPACER - FLANGE CYLINDER NOSE GEAR RAM           |
| 21   | 1   | 6A07337-001  | TRACK, END, NOSE GEAR, LH                        |
| 22   | 1   | 6A07337-002  | TRACK, END, NOSE GEAR, RH                        |
| 23   | 1   | 6A07357-036  | ANGLE, NOSE BOX, BOTTOM                          |
| 24   | 1   | 6A07364-001  | SIDE, TRACK, NOSE GEAR, LH                       |
| 25   | 1   | 6A07364-002  | SIDE, TRACK, NOSE GEAR, RH                       |
| 26   | 1   | 6A07427-003  | ANGLE, NOSE BOX, TOP                             |
| 27   | 2   | 6A07534-001  | AXLE - TROLLEY, NOSE GEAR                        |
| 28   | 1   | 6A07534-002  | AXLE - LINK, NOSE GEAR                           |
| 29   | 2   | 6A07544-001  | ROLLER - TRACK, NOSE GEAR                        |
| 30   | 1   | 6A07580-005  | WIPER, NOSE GEAR ACTR                            |
| 31   | 4   | 6A07603-001  | BLOCK, SLIDE, TROLLEY, NOSE GEAR                 |
| 32   | 1   | 8880510      | WIPER                                            |
| 33   | 4   | AN3-17A      | BOLT, 10-32, 1.5 GRIP, UNDRILLED, STEEL          |
| 34   | 1   | AN316-10R    | NUT JAM, HEXAGON, 5/8-18 THREAD, RIGHT           |
| 35   | 2   | AN4-65A      | BOLT, 1/4-28, 6.1875 GRIP, UNDRILLED, STEEL      |
| 36   | 2   | AN5-10A      | BOLT, 5/16-24 THREAD, 9/16" GRIP, 1-3/32" LENGTH |
| 37   | 10  | AN5-6A       | BOLT, 5/16-24, 0.3125 GRIP, UNDRILLED, STEEL     |
| 38   | 1   | MS28775-012  | O-RING                                           |
| 39   | 2   | MS20822-4D   | ELBOW                                            |
| 40   | 4   | MS21044N3    | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF          |
| 41   | 2   | MS21044N4    | NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF         |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.      | PART DESCRIPTION                           |
|------|-----|---------------|--------------------------------------------|
| 42   | 10  | MS21044N5     | NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF  |
| 43   | 4   | MS35206-215   | SCREW, PAN HEAD, STL. CAD 2, 4-40, 3/8"    |
| 44   | 8   | MS35333-39    | LOCKWASHER, INTERNAL TOOTH, TO FIT DIA #10 |
| 45   | 8   | NAS1103-2     | BOLT                                       |
| 46   | 8   | NAS1149D0316J | WASHER, 0.203 ID, 0.016 THK, ALUMINUM      |
| 47   | 8   | NAS1149D0363J | WASHER, 0.203 ID, 0.063 THK, ALUMINUM      |
| 48   | 2   | NAS1149D0416J | WASHER, 0.265 ID, 0.016 THK, ALUMINUM      |
| 49   | 2   | NAS1149D0463J | WASHER, 0.265 ID, 0.063 THK, ALUMINUM      |
| 50   | 12  | NAS1149D0516J | WASHER, 0.328 ID, 0.016 THK, ALUMINUM      |
| 51   | 10  | NAS1149D0563J | WASHER, 0.328 ID, 0.063 THK, ALUMINUM      |
| 52   | 4   | NAS1149F0332P | WASHER, 0.203 ID, 0.032 THK, STEEL         |
| 53   | 4   | NAS1149F0363P | WASHER, 0.203 ID, 0.063 THK, STEEL         |
| 54   | 1   | 6A05545-001   | PISTON, RAM, MAIN GEAR                     |

## NOSE BOX ASSEMBLY (WITHOUT ACTUATOR)



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.      | PART DESCRIPTION                                 |
|------|-----|---------------|--------------------------------------------------|
| 1    | 1   | 1002237       | CYLINDER FLANGE ASS'Y                            |
| 2    | 1   | 6A07156-022   | SKIN- NOSE BOX, BOTTOM, 6100 FLOATS              |
| 3    | 1   | 6A07156-023   | SKIN- NOSE BOX, BOTTOM, 6100 FLOATS              |
| 4    | 1   | 6A07158-129   | PLATE - FLANGE                                   |
| 5    | 1   | 6A07210-001   | CAP - END, NOSE BOX                              |
| 6    | 1   | 6A07264-003   | SPACER - FLANGE CYLINDER NOSE GEAR RAM           |
| 7    | 1   | 6A07337-001   | TRACK, END, NOSE GEAR, LH                        |
| 8    | 1   | 6A07337-002   | TRACK, END, NOSE GEAR, RH                        |
| 9    | 1   | 6A07357-036   | ANGLE, NOSE BOX, BOTTOM                          |
| 10   | 1   | 6A07364-001   | SIDE, TRACK, NOSE GEAR, LH                       |
| 11   | 1   | 6A07364-002   | SIDE, TRACK, NOSE GEAR, RH                       |
| 12   | 1   | 6A07427-003   | ANGLE, NOSE BOX, TOP                             |
| 13   | 4   | AN3-17A       | BOLT, 10-32, 1.5 GRIP, UNDRILLED, STEEL          |
| 14   | 2   | AN5-10A       | BOLT, 5/16-24 THREAD, 9/16" GRIP, 1-3/32" LENGTH |
| 15   | 10  | AN5-6A        | BOLT, 5/16-24, 0.3125 GRIP, UNDRILLED, STEEL     |
| 16   | 4   | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF          |
| 17   | 10  | MS21044N5     | NUT, LOCKING, REGULAR HEIGHT, 5/16-24 UNF        |
| 18   | 12  | NAS1149D0516J | WASHER, 0.328 ID, 0.016 THK, ALUMINUM            |
| 19   | 10  | NAS1149D0563J | WASHER, 0.328 ID, 0.063 THK, ALUMINUM            |
| 20   | 4   | NAS1149F0332P | WASHER, 0.203 ID, 0.032 THK, STEEL               |
| 21   | 4   | NAS1149F0363P | WASHER, 0.203 ID, 0.063 THK, STEEL               |

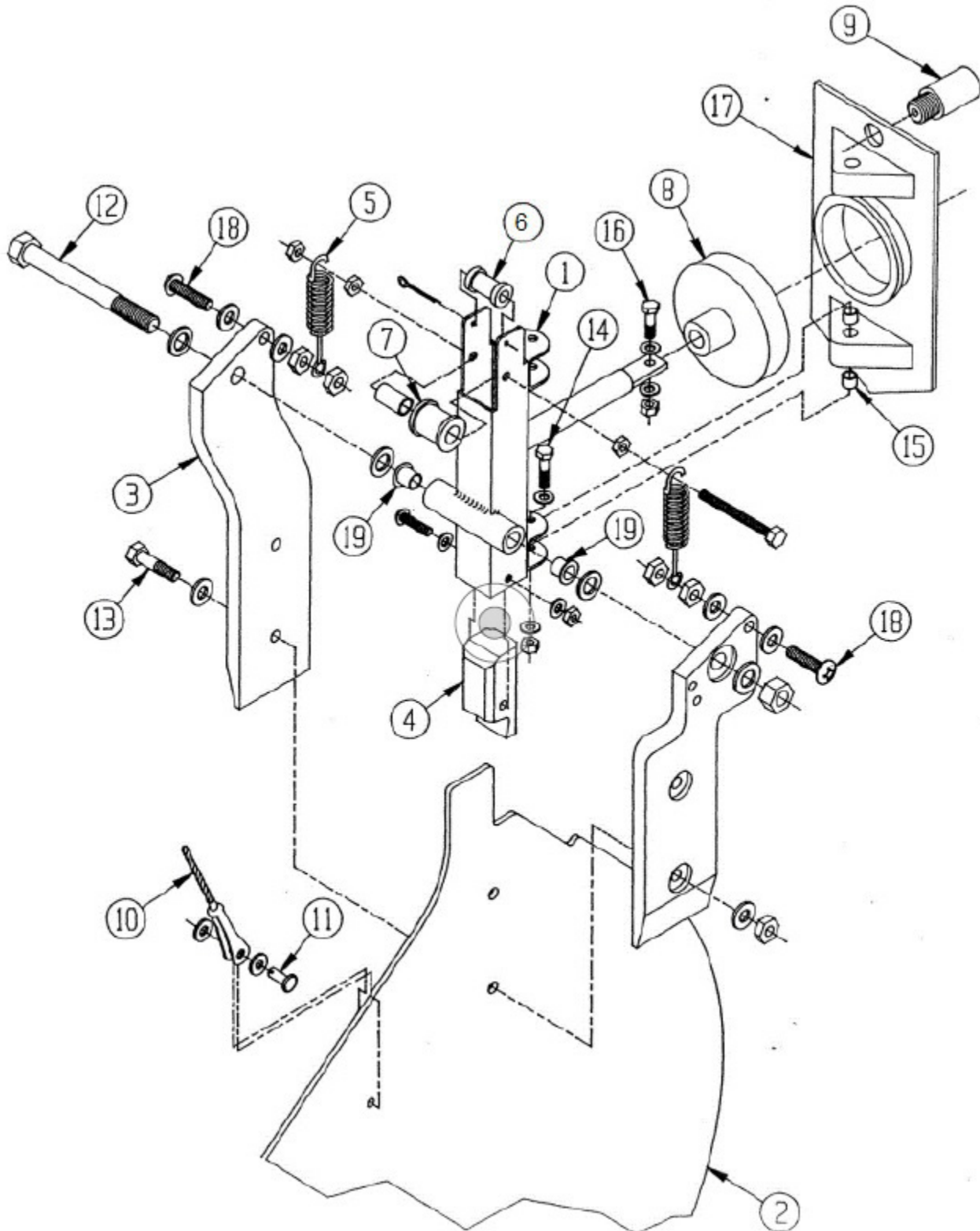
## **SECTION 10**

# **WATER RUDDER, STEERING, & RETRACT CABLES**

### **CONTENTS**

|                                                   |     |
|---------------------------------------------------|-----|
| WATER RUDDER BLADE INSTALLATION .....             | 100 |
| WATER RUDDER STEERING AND RETRACT SCHEMATIC ..... | 102 |

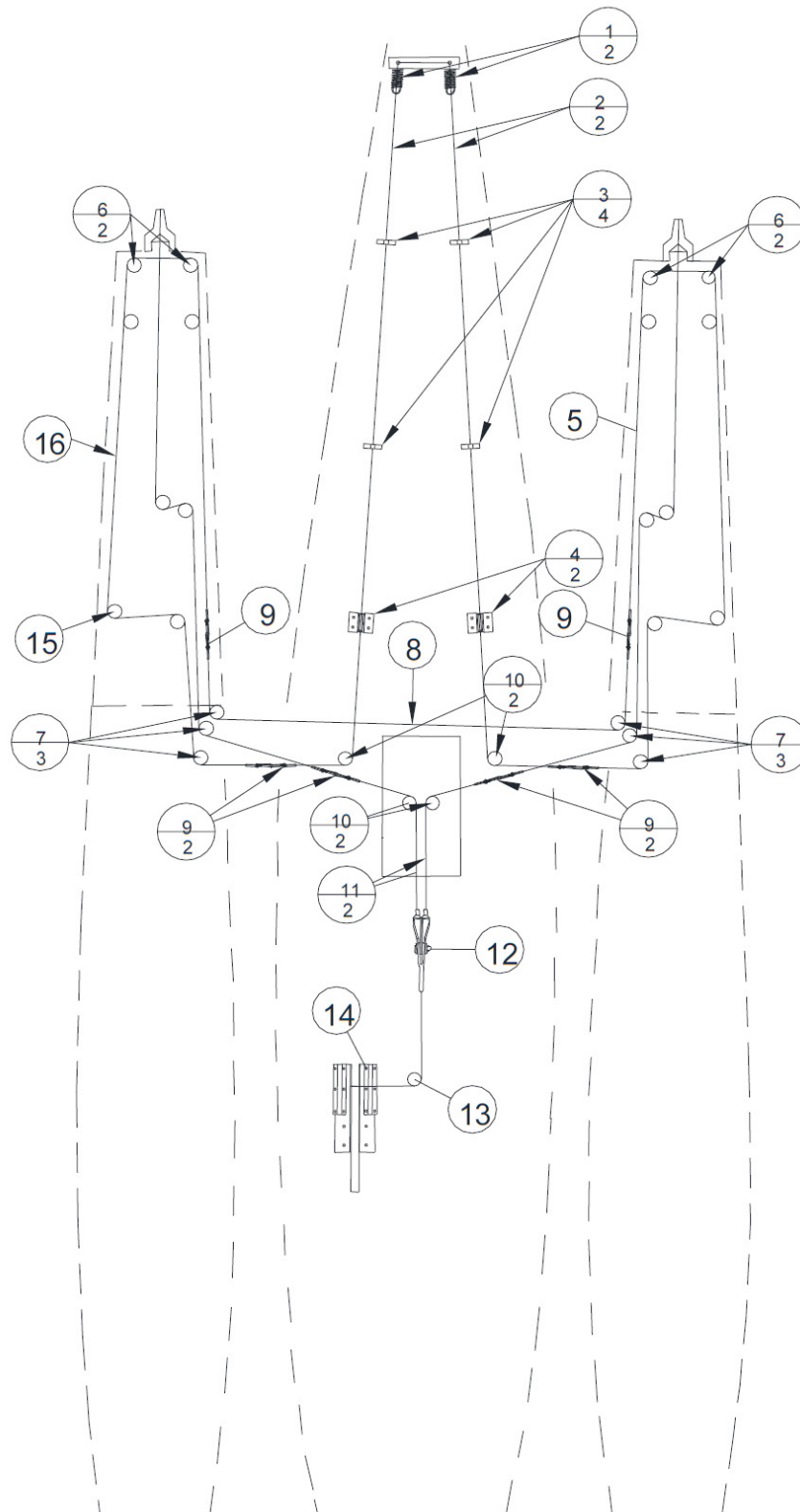
## WATER RUDDER BLADE INSTALLATION



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.         | PART DESCRIPTION                                    |
|------|-----|------------------|-----------------------------------------------------|
| 1    | 1   | 8A08000-098      | ASSY., WATER RUDDER POST                            |
| 2    | 1   | 6A08001-005      | BLADE, WATER RUDDER                                 |
| 3    | 1   | 4A08197-009      | ARM, WATER RUDDER, LT.                              |
|      | 1   | 4A08197-008      | ARM, WATER RUDDER, RT.                              |
| 4    | 1   | 6A08183-005      | STOP, WATER RUDDER                                  |
|      | 1   | AN3-12A          | BOLT, 10-32, 0.875 GRIP, UNDRILLED, STEEL           |
|      | 1   | NAS1149D0316J    | WASHER, 0.203 ID, 0.016 THK, ALUMINUM               |
|      | 1   | MS21083N3        | NUT, LOCKING, LOW HEIGHT, 10-32 UNF                 |
| 5    | 2   | 3A08525-001      | SPRING, RETRACT                                     |
| 6    | 1   | 6A08601-002      | ROLLER, RUDDER POST CABLE                           |
|      | 1   | MS24665-306      | COTTER PIN                                          |
| 7    | 2   | 3A08606-001      | ROLLER, RETRACT CABLE, LWR.                         |
|      | 2   | 3A08502-001      | BUSHING                                             |
|      | 1   | 1032 X 2 INCH SS | BOLT, SSTL MACHINE HEX HEAD, 3/16" DIA, 2" LENGTH   |
|      | 4   | NAS697A3W        | NUT                                                 |
|      | 1   | 10/32 X 1 1/2    | BOLT 10/32 X 1 1/2 (UPPER ROLLER)                   |
| 8    | 1   | 3A08650-001      | BOOT, WATER RUDDER                                  |
| 9    | 1   | 3A08605-001      | GUIDE, WATER RUDDER CABLE                           |
| 10   | 1   | 6A08000-013      | ASS'Y CABLE-RETRACT                                 |
| 11   | 1   | MS20392-2C11     | CLEVIS PIN                                          |
|      | 1   | NAS1149D0363J    | WASHER, 0.203 ID, 0.063 THK, ALUMINUM               |
|      | 1   | MS24665-0151     | COTTER PIN                                          |
| 12   | 1   | AN6C34A          | BOLT, 3/8-24, 2.9375 GRIP, UNDRILLED, STEEL         |
|      | 4   | NAS1149D0663J    | WASHER, 0.39 ID, 0.063 THK, ALUMINUM                |
|      | 1   | MS21044N6        | NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF            |
| 13   | 2   | AN4-10A          | BOLT, 1/4-28, 0.5625 GRIP, UNDRILLED, STEEL         |
|      | 4   | NAS1149D0463J    | WASHER, 0.265 ID, 0.063 THK, ALUMINUM               |
|      | 2   | MS21044N6        | NUT, LOCKING, REGULAR HEIGHT, 3/8-24 UNF            |
| 14   | 2   | AN3C10A          | BOLT, 10-32, 0.625 GRIP, UNDRILLED, STAINLESS STEEL |
|      | 2   | NAS1149D0363J    | WASHER, 0.203 ID, 0.063 THK, ALUMINUM               |
|      | 2   | NAS697A3W        | NUT                                                 |
| 15   | 4   | 03DU04           | BEARING (TEFLON-STEEL) SPECIFY                      |
|      | 4   | 4L4F             | BEARING NYLINER (PLASIC) SPECIFY (OLD STYLE)        |
| 16   | 1   | AN3-6A           | BOLT, 10-32, 0.375 GRIP, UNDRILLED, STEEL           |
|      | 1   | NAS1149D0363J    | WASHER, 0.203 ID, 0.063 THK, ALUMINUM               |
|      | 1   | MS21044N3        | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF             |
| 17   | 1   | 3A01437-001      | CASTING, WATER RUDDER                               |
| 18   | 2   | MS35207-283      | SCREW, PAN HEAD, 1/4-28 THREAD, 1" LENGTH           |
|      | A/R | NAS1149F0463P    | WASHER, 0.265 ID, 0.063 THK, STEEL                  |
|      | 2   | NAS679A4W        | NUT, SELF LOCKING, LOW HEIGHT, 1/4-28 THREAD        |
| 19   | 2   | 6L11F            | BEARING-NYLINER (PLASTIC) SPECIFY (OLD STYLE)       |
|      | 2   | 06DU08           | BEARING (TEFLON-STEEL) SPECIFY                      |

## WATER RUDDER STEERING AND RETRACT SCHEMATIC



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.      | PART DESCRIPTION                            |
|------|-----|---------------|---------------------------------------------|
| 1    | 2   | 0742016-1     | SPRING                                      |
| 2    | 2   | 6P08000-105   | ASS'Y. CABLE, STEERING                      |
| 3    | 4   | 6P08153-005   | GUIDE, PULLEY                               |
| 4    | 2   | 6P08000-101   | ASS'Y, PULLEY BRACKET                       |
|      | 8   | AN526-10R10   | SCREW                                       |
|      | 16  | NAS1149F0363P | WASHER, 0.203 ID, 0.063 THK, STEEL          |
|      | 8   | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF     |
| 5    | 2   | 6A08000-011   | ASS'Y. CABLE, BALANCE                       |
| 6    | 4   | 6A08000-019   | ASS'Y., CABLE AND PULLEY BRACKET            |
| 7    | 1   | 6A08000-016   | ASS'Y., PULLEY BRACKET, GUNWALL, RIGHT      |
|      | 1   | 6A08355-002   | BRACKET, PULLEY FRONT                       |
|      | 1   | 6A08365-002   | BRACKET, PULLEY CENTER                      |
|      | 1   | 6A08336-002   | BRACKET, PULLEY REAR.                       |
|      | 1   | 6A08209-002   | BAR, MOUNTING                               |
|      | 6   | MS20219-2     | PULLEY                                      |
|      | 1   | 6A08000-017   | ASS'Y., PULLEY BRACKET, GUNWALL, LEFT       |
|      | 1   | 6A08355-001   | BRACKET, PULLEY FRONT                       |
|      | 1   | 6A08365-001   | BRACKET, PULLEY CENTER                      |
|      | 1   | 6A08336-001   | BRACKET, PULLEY REAR                        |
|      | 1   | 6A08209-002   | BAR, MOUNTING                               |
|      | 6   | MS20219-2     | PULLEY                                      |
| 8    | 1   | 6A08000-008   | ASS'Y. CABLE, BALANCE SPREADER BAR.         |
| 9    | 6   | AN155-165     | TURNBUCKLE                                  |
| 10   | 4   | 4A08151-093   | ASS'Y, PULLEY                               |
|      | 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    |
|      | 8   | AN42-4A       | EYEBOLT                                     |
|      | 8   | NAS1149F0463P | WASHER, 0.265 ID, 0.063 THK, STEEL          |
|      | 8   | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF     |
| 11   | 2   | 6P08000-104   | ASS'Y. CABLE                                |
| 12   | 1   | MS20393-2C19  | PIN                                         |
|      | 2   | NAS1149F0363P | WASHER, 0.203 ID, 0.063 THK, STEEL          |
|      | 1   | MS24665-149   | PIN                                         |
| 13   | 1   | 3A08151-046   | PULLEY BRACKET, WATER RUDDER RETRACT        |
|      | 4   | AN526-10R10   | BOLT                                        |
|      | 8   | NAS1149F0363P | WASHER, 0.203 ID, 0.063 THK, STEEL          |
|      | 4   | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF     |
| 14   | 1   | 6P08000-102   | ASS'Y. - BRACKET - WATER RUDDER RETRACT     |
|      | 6   | AN526-10R10   | SCREW                                       |
|      | 6   | AN509-10R16   | SCREW                                       |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION              |
|------|-----|-------------|-------------------------------|
| 15   | 12  | MS20219-2   | PULLEY                        |
| 16   | 2   | 6A08000-012 | ASS'Y. CABLE, STEERING (192") |

## **SECTION 11**

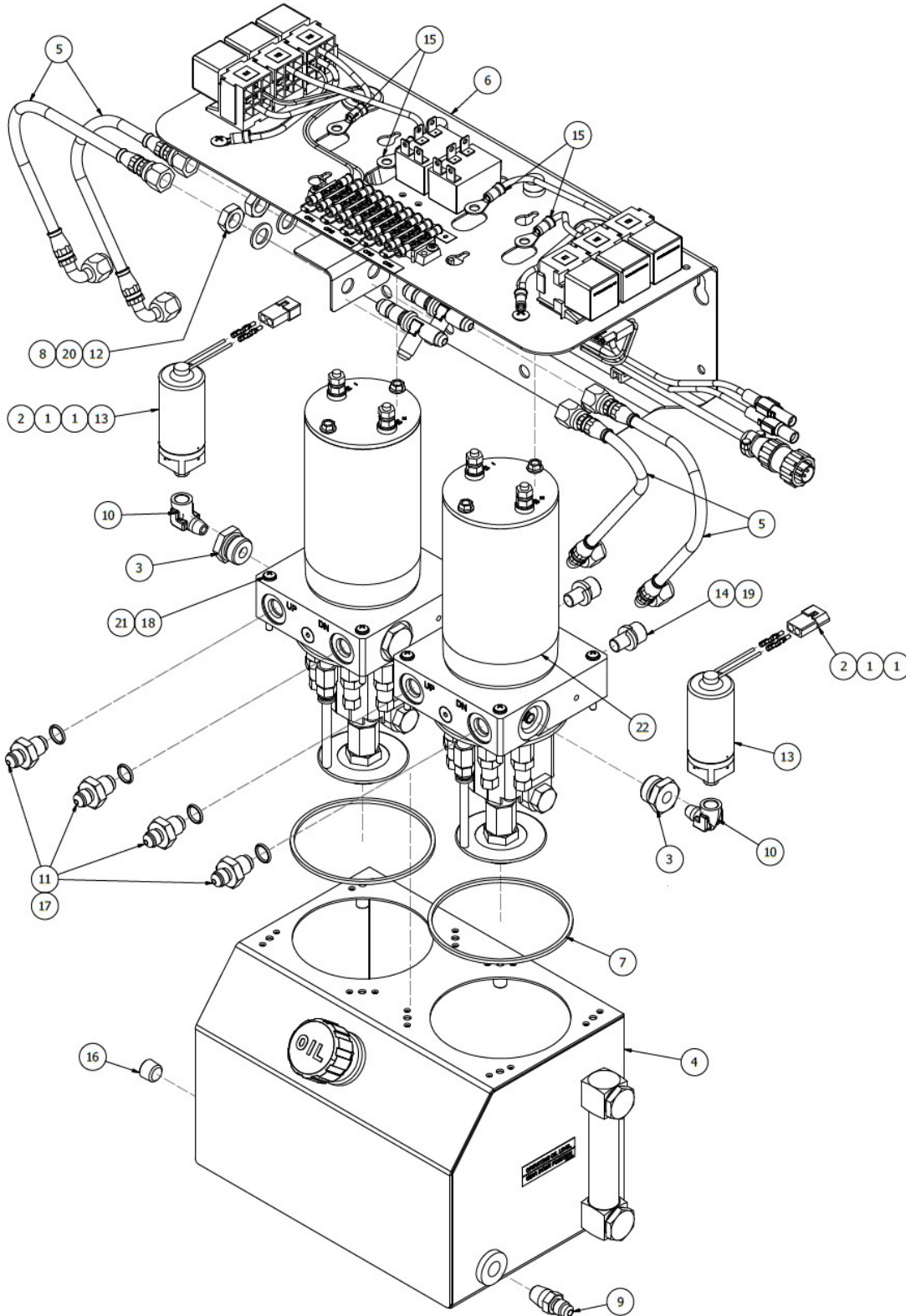
# **HYDRAULIC SYSTEM**

### **CONTENTS**

|                                                                                    |     |
|------------------------------------------------------------------------------------|-----|
| BIDIRECTIONAL HYDRAULIC PUMP ASSEMBLY POST SERVICE LETTER 214 .....                | 106 |
| BIDIRECTIONAL HYDRAULIC POWER PACK PLATE MOUNT POST SERVICE LETTER 214 .....       | 108 |
| BIDIRECTIONAL HYDRAULIC PUMP ASSEMBLY PRE SERVICE LETTER 214.....                  | 111 |
| UNIDIRECTIONAL HYDRAULIC PUMP ASSEMBLY POST SERVICE LETTER 214 .....               | 115 |
| UNIDIRECTIONAL HYDRAULIC PUMP ASSEMBLY PRE SERVICE LETTER 214.....                 | 117 |
| HYDRAULIC PUMP OVERVIEW .....                                                      | 119 |
| HYDRAULIC SYSTEM SCHEMATIC – BIDIRECTIONAL PUMP PC-6 POST SERVICE LETTER 214 ..... | 121 |
| HYDRAULIC SYSTEM SCHEMATIC PRE SERVICE LETTER 214 .....                            | 123 |
| HYDRAULIC BRAKE SCHEMATIC.....                                                     | 125 |

## BIDIRECTIONAL HYDRAULIC PUMP ASSEMBLY

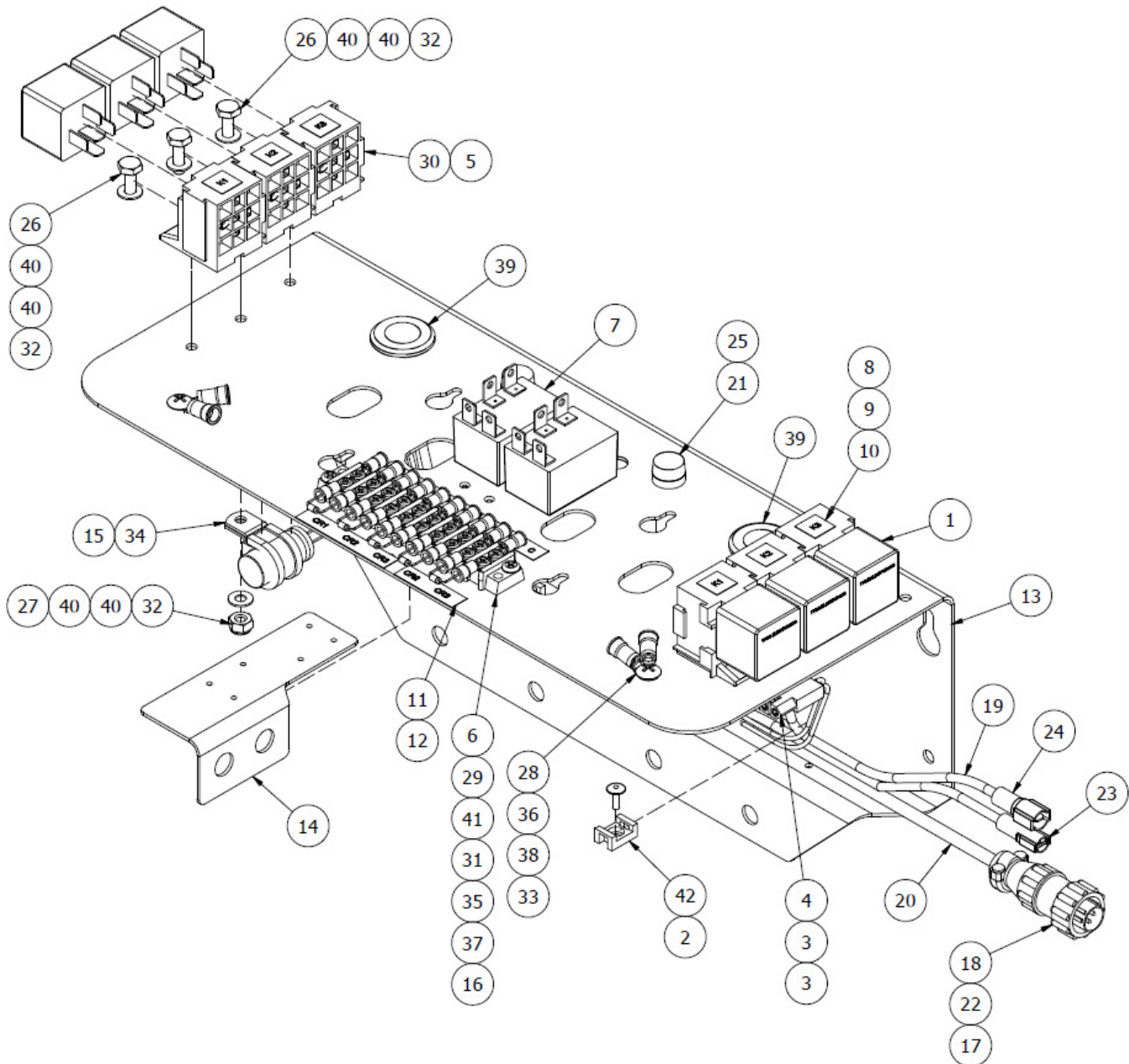
### POST SERVICE LETTER 214



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.                         | PART DESCRIPTION                                                    |
|------|-----|----------------------------------|---------------------------------------------------------------------|
| -    | 1   | 1011436                          | ASSEMBLY, HYDRAULIC POWER PACK<br>(REPLACED HYDRAULIC PUMP 1005294) |
| 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   | 1011359                          | ASSEMBLY, HYDRAULIC PUMP RESERVOIR                                  |
| 5    | 4   | 1011361-06                       | ASSEMBLY, HOSE, PUMP TO TEE                                         |
| 6    | 1   | 1011435                          | ASSEMBLY, PLATE, MOUNT, HYDRAULIC POWER PACK                        |
| 7    | 2   | 4061T199                         | SQUARE PROFILE, O-RING, 3.5" I.D., .094 THK                         |
| 8    | 2   | AN804-4D                         | TEE FITTING                                                         |
| 9    | 1   | AN816-4-4D                       | NIPPLE, FLARED TUBE AND PIPE THREAD                                 |
| 10   | 2   | AN914-1D                         | ELBOW, 90 DEGREES, INTERNAL EXTERNAL PIPE                           |
| 11   | 4   | AN919-3D                         | FITTING, REDUCER                                                    |
| 12   | 2   | AN924-4D                         | JAM NUT                                                             |
| 13   | 2   | GPP1250-40                       | PRESSURE SWITCH                                                     |
| 14   | 4   | MS16997-96                       | SOCKET HEAD CAP SCREW                                               |
| 15   | 4   | MS25036-157                      | RING TERMINAL, #10 STUD, 10-12 AWG, YELLOW                          |
| 16   | 1   | MS27769D3                        | PLUG, PIPE, COUNTERSINK HEX HEAD                                    |
| 17   | 4   | MS28775-013                      | "O" RING, HYDRAULIC                                                 |
| 18   | 8   | MS35206-252                      | SCREW, MACHINE, PAN HEAD                                            |
| 19   | 4   | MS35338-46                       | WASHER, SPLIT                                                       |
| 20   | 2   | NAS1149F0763P                    | WASHER, 0.453 ID, 0.063 THK, STEEL                                  |
| 21   | 8   | NAS1149FN832P                    | WASHER, 0.174 ID, 0.032 THK, STEEL                                  |
| 22   | 2   | YBZS-<br>D0.63W2T100K/<br>UVZOT2 | HYDRAULIC POWER PACK, 24VDC, .64 PUMP                               |

## BIDIRECTIONAL HYDRAULIC POWER PACK PLATE MOUNT ASSEMBLY POST SERVICE LETTER 214



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

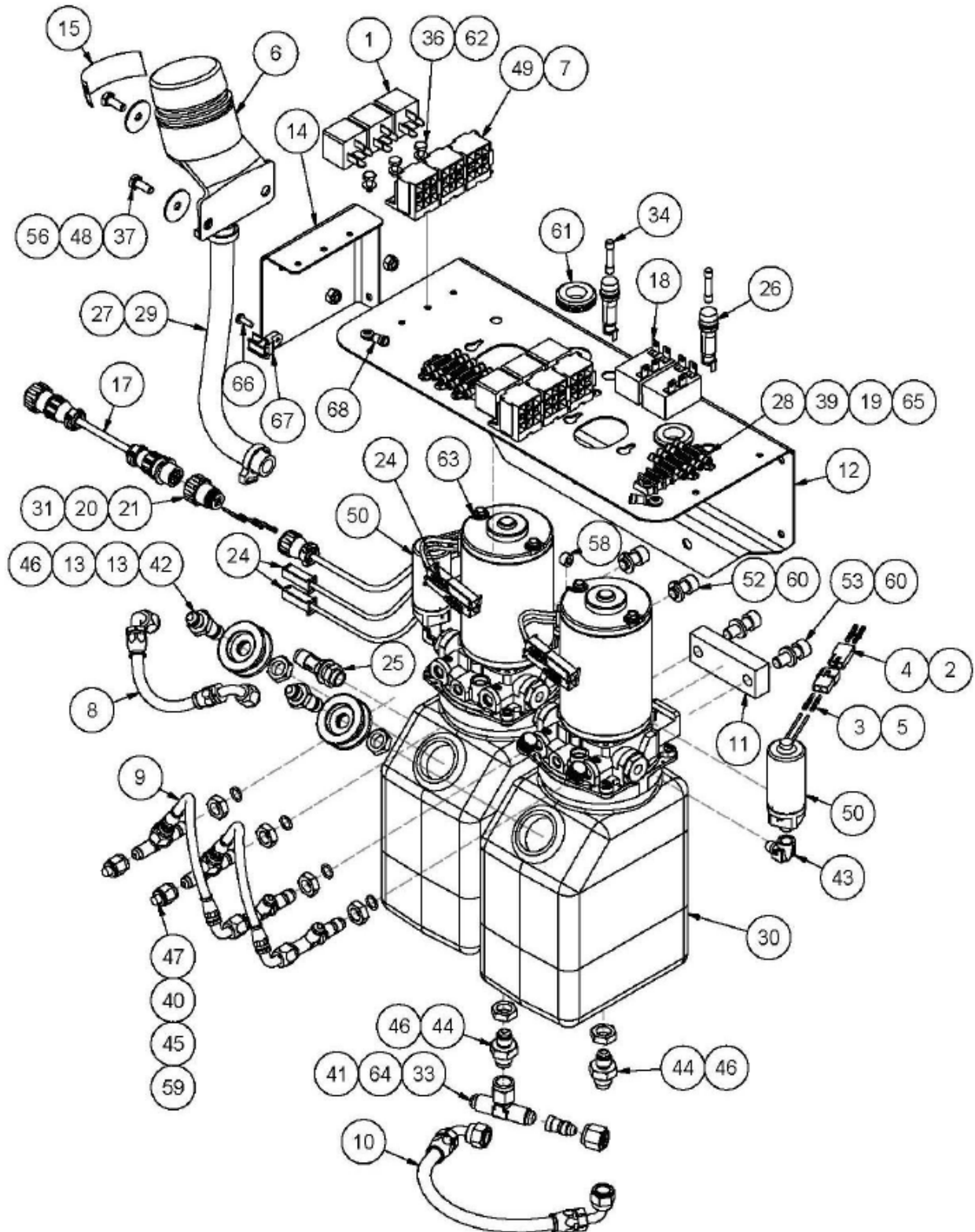
| ITEM | QTY   | PART NO.      | PART DESCRIPTION                                      |
|------|-------|---------------|-------------------------------------------------------|
| -    | 1     | 1011435       | ASSEMBLY, PLATE, MOUNT, HYDRAULIC POWER PACK          |
| 1    | 6     | 0-332-209-211 | RELAY, 24V, 5 PRONG                                   |
| 2    | 4     | 01692-0410    | RIVET, POP, 1/8" DIA, 0.031 -0.187 GRIP, LARGE FLANGE |
| 3    | 4     | 02-09-1104    | PIN, CRIMP FEMALE, 1/8" DIA                           |
| 4    | 2     | 03-09-1022    | CONNECTOR PLUG, MALE, 2 CONN.                         |
| 5    | 30    | 1-901-355-917 | TERMINAL                                              |
| 6    | 1     | 10-140        | TERMINAL BLOCK, 10 CONNECTOR                          |
| 7    | 1     | 1005043       | TIMER RELAY HARNESS                                   |
| 8    | 2     | 1009143-01    | PLACARD, K1 INDICATOR                                 |
| 9    | 2     | 1009143-02    | PLACARD, K2 INDICATOR                                 |
| 10   | 2     | 1009143-03    | PLACARD, K3 INDICATOR                                 |
| 11   | 2     | 1009144-01    | PLACARD, CR INDICATOR                                 |
| 12   | 2     | 1009144-02    | PLACARD, AC INDICATOR                                 |
| 13   | 1     | 1011433       | PLATE, MOUNT, HYDRAULIC PUMP                          |
| 14   | 1     | 1011434       | BRACKET, HYDRAULIC FITTINGS                           |
| 15   | 2     | 1011798       | ASSEMBLY, CAPACITOR                                   |
| 16   | 5     | 1N4004        | DIODE, 2-1/2"                                         |
| 17   | 1     | 206062-3      | CLAMP, CABLE, CPC SIZE 11                             |
| 18   | 1     | 206429-1      | PLUG, MAL, CPC SIZE 1, 4 PIN                          |
| 19   | 12 FT | 22759-16-12-9 | WIRE, 12 AWG, WHITE                                   |
| 20   | 16 FT | 22759-16-20-9 | WIRE, 20 AWG, WHITE                                   |
| 21   | 2     | 3453LF2A      | FUSE HOLDER                                           |
| 22   | 3     | 66099-4       | PIN, MALE, 1/16 DIA, CRIMP                            |
| 23   | 2     | 73F-250-32-NL | CONNECTOR, FEMALE, 10-12 AWG, FULLY INSULATED         |
| 24   | 2     | 73M-250-32-NL | CONNECTOR, MALE, 10-12 AWG, FULLY INSULATED           |
| 25   | 2     | AGC-1         | FUSE, 250V, (S2565-1)                                 |
| 26   | 4     | AN3-4A        | BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL             |
| 27   | 2     | AN3-5A        | BOLT, 10-32, 0.25 GRIP, UNDRILLED, STEEL              |
| 28   | 2     | AN526-1032R6  | SCREW, MACHINE, TRUSS HEAD                            |
| 29   | 2     | AN526-632R10  | SCREW                                                 |
| 30   | 6     | BR05-FW       | SOCKET, 5 PRONG, PLASTIC                              |
| 31   | 2     | MS21044N06    | NUT, LOCKING, REGULAR HEIGHT, 6-32 UNC                |
| 32   | 6     | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF               |
| 33   | 2     | MS21045-3     | NUT, SELF LOCKING                                     |
| 34   | 2     | MS21919WDG10  | CLAMP, LOOP, CUSHIONED, 5/8 TUBE OD                   |
| 35   | 19    | MS25036-102   | RING TERMINAL, #6 STUD, 16-22 AWG, RED                |
| 36   | 2     | MS25036-103   | RING TERMINAL, #10 STUD, 22-16 AWG, RED               |
| 37   | 1     | MS25036-106   | RING TERMINAL, #6 STUD, 16-14 AWG                     |
| 38   | 2     | MS25036-112   | RING TERMINAL, #10 STUD, 10-12 AWG, YELLOW            |
| 39   | 2     | MS35489-17    | GROMMET, RUBBER                                       |
| 40   | 12    | NAS1149F0332P | WASHER, 0.203 ID, 0.032 THK, STEEL                    |

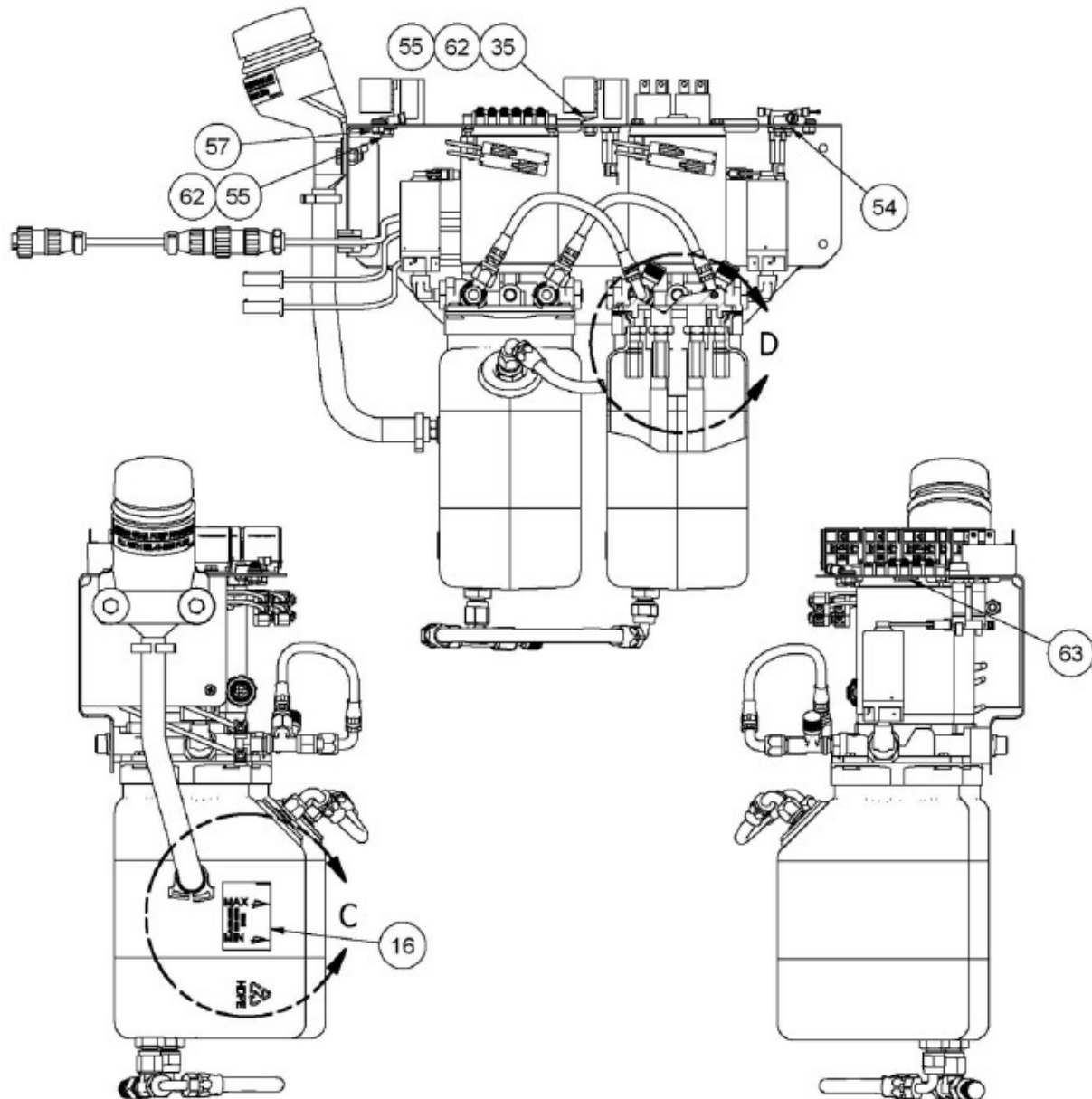
PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.      | PART DESCRIPTION |
|------|-----|---------------|------------------|
| 41   | 2   | NAS1149FN632P | WASHER           |
| 42   | 4   | TM2S6-M       | TIE CLIP         |

## BIDIRECTIONAL HYDRAULIC PUMP ASSEMBLY

### PRE SERVICE LETTER 214





ASSEMBLY, HYDRAULIC PUMP  
(LEFT SIDE VIEW)

ASSEMBLY, HYDRAULIC PUMP  
(RIGHT SIDE VIEW)

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

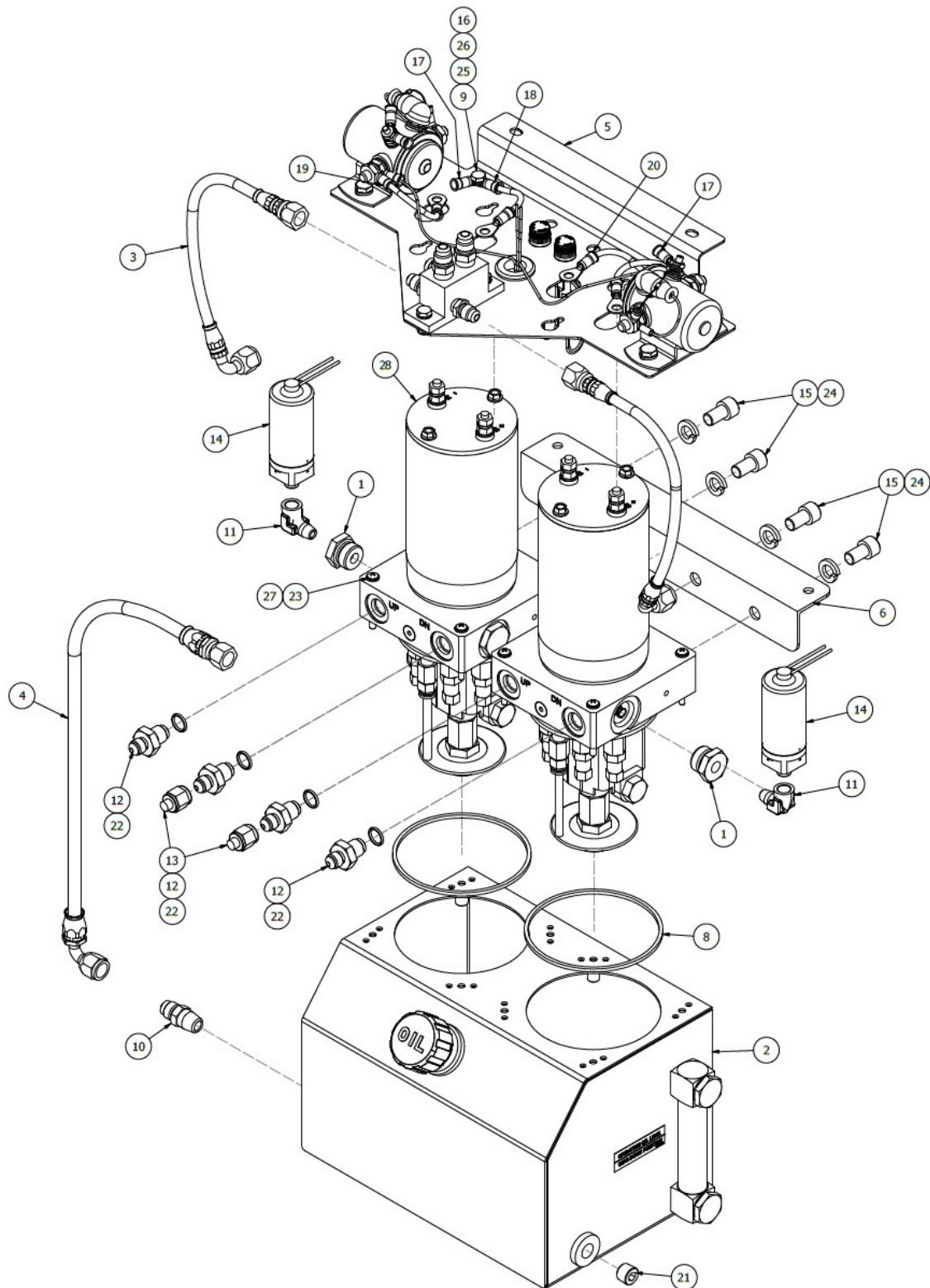
| ITEM | QTY   | PART NO.      | PART DESCRIPTION                                     |
|------|-------|---------------|------------------------------------------------------|
| 1    | 6     | 0-332-209-211 | RELAY, 24V, 5 PRONG                                  |
| 2    | 4     | 02-09-1104    | PIN, CRIMP FEMALE, 1/8" DIA                          |
| 3    | 4     | 02-09-2118    | PIN, CRIMP MALE, 1/8" DIA                            |
| 4    | 2     | 03-09-1022    | CONNECTOR PLUG, MALE, 2 CONN.                        |
| 5    | 2     | 03-092022     | CONNECTOR PLUG, FEMALE                               |
| 6    | 1     | 066023        | FILLER SPOUT                                         |
| 7    | 30    | 1-901-355-917 | TERMINAL                                             |
| 8    | 1     | 1004089-16    | HYDRAULIC HOSE, TOP                                  |
| 9    | 2     | 1004089-17    | HYDRAULIC HOSE ASSEMBLY                              |
| 10   | 1     | 1004089-18    | HYDRAULIC HOSE                                       |
| 11   | 1     | 1004390       | SPACER, MOUNT, HYDRAULIC PUMP                        |
| 12   | 1     | 1004391       | PLATE, MOUNT, HYDRAULIC PUMP                         |
| 13   | 4     | 1004514       | RETAINER, HYDRAULIC TANK VENT                        |
| 14   | 1     | 1004589       | HYDRAULIC FILLER BRACKET                             |
| 15   | 1     | 1004663-1     | PLACARD, FILL LOCATION                               |
| 16   | 1     | 1004663-2     | PLACARD, FLUID LEVEL                                 |
| 17   | 1     | 1004949       | CABLE, DIODE ADAPTOR                                 |
| 18   | 1     | 1005043       | TIMER RELAY HARNESS                                  |
| 19   | 5     | 1N4004        | DIODE, 2-1/2"                                        |
| 20   | 1     | 206062-3      | CLAMP, CABLE, CPC SIZE 11                            |
| 21   | 1     | 206429-1      | PLUG, MALE, CPC SIZE 1, 4 PIN                        |
| 22   | 12 FT | 22759-16-12-9 | WIRE, 12 AWG, WHITE                                  |
| 23   | 16 FT | 22759-16-20-9 | WIRE, 20 AWG, WHITE                                  |
| 24   | 1     | 73F-250-32-NL | CONNECTOR, FEMALE, 10-12 AWG                         |
|      | 1     | 73M-250-32-NL | CONNECTOR, MALE, 10-12 AWG                           |
| 25   | 1     | 2974K861      | FITTING                                              |
| 26   | 2     | 3453LF2A      | FUSE HOLDER                                          |
| 27   | 2     | 57134         | CLAMP                                                |
| 28   | 2     | 6-140         | TERMINAL BLOCK, 6 CONNECTOR                          |
| 29   | 1     | 60703         | BRAIDED TUBING                                       |
| 30   | 2     | 648487        | PUMP, HYD., 24VDC (SEE DETAIL)                       |
| 31   | 3     | 66099-4       | PIN, MALE, 1/16 DIA, CRIMP                           |
| 32   | 3     | 820-01291     | CAP                                                  |
| 33   | 1     | 925106ERL     | FITTING                                              |
| 34   | 2     | AGC-1         | FUSE, 250V, (S2565-1)                                |
| 35   | 3     | AN3-3A        | BOLT, 10-32, 0.0625 GRIP, UNDRILLED, STEEL           |
| 36   | 3     | AN3-4A        | BOLT, 10-32, 0.125 GRIP, UNDRILLED, STEEL            |
| 37   | 2     | AN4-5A        | BOLT, 1/4-28, 0.1875 GRIP, UNDRILLED, STEEL          |
| 38   | 2     | AN526-1032R6  | SCREW, TRUSS HEAD MACHINE, 10-32 THREAD, 3/8" LENGTH |
| 39   | 4     | AN526-632R10  | SCREW, TRUSS HEAD MACHINE, 6-32 THREAD, 5/8" LENGTH  |
| 40   | 4     | AN804-4D      | TEE FITTING                                          |

PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY  | PART NO.      | PART DESCRIPTION                                    |
|------|------|---------------|-----------------------------------------------------|
| 41   | 1    | AN818-6D      | NUT, TUBE COUPLING, 3/8" TUBE DIA, 0.5625-18 THREAD |
| 42   | 2    | AN832-5D      | UNION -5D                                           |
| 43   | 2    | AN914-1D      | ELBOW,90°, PIPE                                     |
| 44   | 2    | AN919-7D      | FITTING, REDUCER                                    |
| 41   | 1    | AN818-6D      | NUT, TUBE COUPLING, 3/8" TUBE DIA, 0.5625-18 THREAD |
| 42   | 2    | AN832-5D      | UNION -5D                                           |
| 43   | 2    | AN914-1D      | ELBOW,90°, PIPE                                     |
| 44   | 2    | AN919-7D      | FITTING, REDUCER                                    |
| 45   | 4    | AN924-4D      | NUT, TUBE, 7/16-20 THREAD                           |
| 46   | 4    | AN924-5D      | NUT, TUBE, 1/2-20 THREAD                            |
| 47   | 2    | AN929-4       | CAP                                                 |
| 48   | 2    | AN970-4       | WASHER,.265 ID, 1.125 OD, .063 THK                  |
| 49   | 6    | BR05FW        | SOCKET, 5 PRONG, PLASTIC                            |
| 50   | 2    | GPP1250-40    | PRESSURE SWITCH                                     |
| 51   | 2 FT | HS105-3/16-0  | HEAT SHRINK, TUBING, BLACK                          |
| 52   | 2    | MS16997-96    | SOCKET HEAD CAP SCREW                               |
| 53   | 2    | MS16997-99    | SOCKET HEAD CAP SCREW                               |
| 54   | 4    | MS21044N06    | NUT, LOCKING, REGULAR HEIGHT, 6-32 UNC              |
| 55   | 6    | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF             |
| 56   | 2    | MS21044N4     | NUT, LOCKING, REGULAR HEIGHT, 1/4-28 UNF            |
| 57   | 2    | MS21045-3     | NUT, SELF LOCK, STEEL, 10-32 SEGMENTED              |
| 58   | 2    | MS27769-2     | PLUG                                                |
| 59   | 4    | MS28775-012   | O RING, HYDRAULIC PACKING, .364 ID                  |
| 60   | 4    | MS35338-46    | WASHER, SPLIT, CARBON STEEL                         |
| 61   | 2    | MS35489-19    | GROMMET, RUBBER                                     |
| 62   | 12   | NAS1149F0332P | WASHER, 0.203 ID, 0.032 THK, STEEL                  |
| 63   | 8    | NAS1149F0363P | WASHER, 0.203 ID, 0.063 THK, STEEL                  |
| 64   | 1    | NAS1564D6-4   | FITTING, REDUCER                                    |
| 65   | 20   | R-3           | RING CONNECTOR                                      |
| 66   | 1    | S1021Z8-8     | SCREW, (8X1/2 TR PHIL B STL SMS)                    |
| 67   | 1    | S2034-1       | MOUNT                                               |
| 68   | 2    | Y-4           | RING CONNECTOR                                      |

## UNIDIRECTIONAL HYDRAULIC PUMP ASSEMBLY

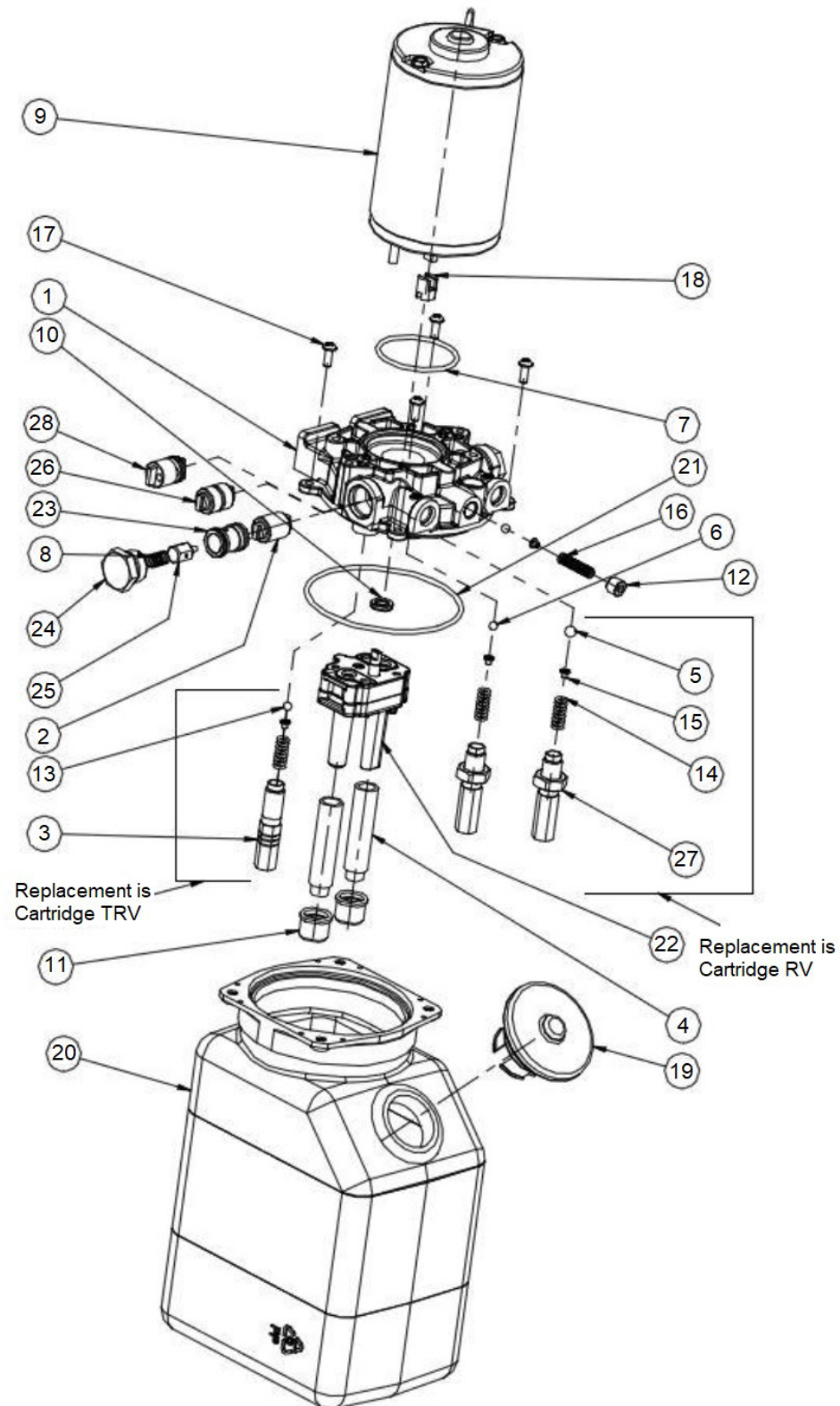
### POST SERVICE LETTER 214



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.                         | PART DESCRIPTION                                                        |
|------|-----|----------------------------------|-------------------------------------------------------------------------|
| -    | 1   | 1011404                          | ASSEMBLY, HYDRAULIC POWER PACK<br>(REPLACED HYDRAULIC PUMP 6A09000-029) |
| 1    | 2   | 1011062                          | ASSEMBLY, PLUG, PRESSURE SWITCH PORT                                    |
| 2    | 1   | 1011359                          | ASSEMBLY, HYDRAULIC PUMP RESERVOIR                                      |
| 3    | 2   | 1011361-01                       | HYDRAULIC HOSE ASSEMBLY, MANIFOLD TO PUMP                               |
| 4    | 1   | 1011361-05                       | HOSE, MANIFOLD TO RESERVOIR                                             |
| 5    | 1   | 1011402                          | ASSEMBLY, BRACKET, PUMP MOUNT                                           |
| 6    | 1   | 1011403                          | ANGLE, PUMP MOUNT, LOWER                                                |
| 7    | 1   | 22759-16-12-9                    | WIRE, 12AWG, WHITE                                                      |
| 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   | 1   | AN816-5-4D                       | NIPPLE, FLARED TUBE AND PIPE THREAD                                     |
| 11   | 2   | AN914-1D                         | ELBOW, 90 DEGREES, INTERNAL EXTERNAL PIPE                               |
| 12   | 4   | AN919-3D                         | FITTING, REDUCER                                                        |
| 13   | 2   | AN929-4                          | CAP                                                                     |
| 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   | MS25036-157                      | RING TERMINAL, #10 STUD, 10-12 AWG, YELLOW                              |
| 21   | 1   | MS27769D3                        | PLUG, PIPE, COUNTERSINK HEX HEAD                                        |
| 22   | 4   | MS28775-013                      | "O" RING, HYDRAULIC                                                     |
| 23   | 8   | MS35206-252                      | SCREW, MACHINE, PAN HEAD                                                |
| 24   | 4   | MS35338-46                       | WASHER, SPLIT                                                           |
| 25   | 2   | NAS1149F0332P                    | WASHER, 0.203 ID, 0.032 THK, STEEL                                      |
| 26   | 2   | NAS1149F0363P                    | WASHER, 0.203 ID, 0.063 THK, STEEL                                      |
| 27   | 8   | NAS1149FN832P                    | WASHER, 0.174 ID, 0.032 THK, STEEL                                      |
| 28   | 2   | YBZS-<br>D0.63W2T100K/<br>UVZOT2 | HYDRAULIC POWER PACK, 24VDC, .64 PUMP                                   |

## UNIDIRECTIONAL HYDRAULIC PUMP ASSEMBLY PRE SERVICE LETTER 214

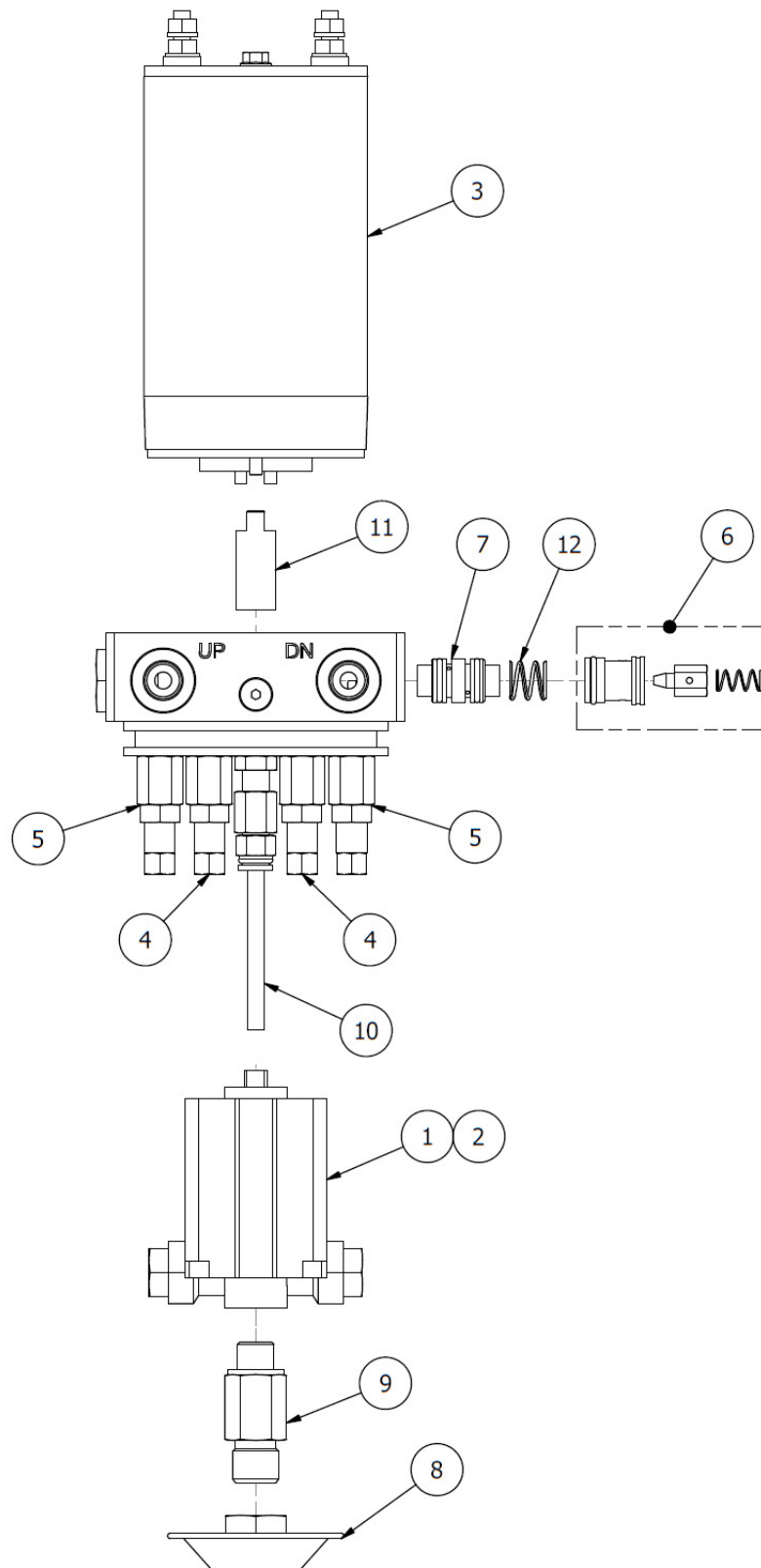


PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO. | PART DESCRIPTION                                                                                                    |
|------|-----|----------|---------------------------------------------------------------------------------------------------------------------|
| -    | 1   | 648487   | PUMP HYDRAULIC, REVERSIBLE, 24VDC                                                                                   |
| 1    | 1   | 205882   | ADAPTER                                                                                                             |
| 3    | N/A | N/A      | PART OF THERMAL RV CARTRIDGE                                                                                        |
| 4    | 2   | 364528   | SUCTION EXTENSION TUBE                                                                                              |
| 5    | N/A | N/A      | PART OF RELIEF VALVE CARTRIDGE                                                                                      |
| 6    | N/A | N/A      | PART OF RELIEF VALVE CARTRIDGE                                                                                      |
| 7    | 1   | 405673   | O RING, 1-3/4" DIA                                                                                                  |
| 8    | 2   | 410462*  | SPRING (POPPET)                                                                                                     |
| 9    | 1   | 411165   | MOTOR, 24 VDC, PERM. MAGNET                                                                                         |
| 10   | 1   | 410512   | SHAFT SEAL                                                                                                          |
| 11   | 2   | 410521*  | SUCTION STRAINER                                                                                                    |
| 12   | 1   | 410530   | PLUG FOR BACK PRESSURE VALVE                                                                                        |
| 13   | N/A | N/A      | PART OF RELIEF VALVE CARTRIDGE                                                                                      |
| 14   | N/A | N/A      | PART OF RELIEF VALVE CARTRIDGE                                                                                      |
| 15   | N/A | N/A      | PART OF RELIEF VALVE CARTRIDGE                                                                                      |
| 16   | 1   | 411874   | SPRING FOR BACK PRESSURE VALVE                                                                                      |
| 17   | 4   | 413222   | SCREW, RESERVOIR MOUNTING                                                                                           |
| 18   | 1   | 413528   | COUPLING                                                                                                            |
| 19   | 1   | 413742   | BREATHER CAP RESERVOIR                                                                                              |
| 20   | 1   | 413922   | RESERVOIR, Q, 2 LITER                                                                                               |
| 21   | 1   | 414063   | O'RING, 153-70 BUNA                                                                                                 |
| 22   | 1   | 635354   | PUMP, .032, REVERSIBLE, COLD TEMP.                                                                                  |
| 22A  | 2   | 406187   | RESERVOIR BOLTS, 3/16" DIA (NOT SHOWN)                                                                              |
| 23   | 2   | 773763   | CHECK SEAT                                                                                                          |
| 24   | 2   | 774550*  | HEX PLUG RETAINER, WITH 1/8" NPSF CONNECTION                                                                        |
| 25   | 2   | 773776*  | POPPET                                                                                                              |
| 26   | N/A | N/A      | N/A                                                                                                                 |
| 27   | N/A | N/A      | PART OF RELIEF VALVE CARTRIDGE                                                                                      |
| 28   | 1   | 774376   | SPOOL, DOUBLE BACK PRESSURE LD                                                                                      |
| -    | 2   | 704522   | THERMAL RV CARTRIDGE – SPECIFY PRESSURE SETTING AT 1900 PSI                                                         |
| -    | 2   | 704517   | RELIEF VALVE CARTRIDGE – SPECIFY PRESSURE SETTING OF 1400 +150/-0 PSI FOR UP SIDE: SPECIFY 1100 +150/-0 PSI DN SIDE |

\* Reference Wipaire drawing 1011065 for alternate part numbers.

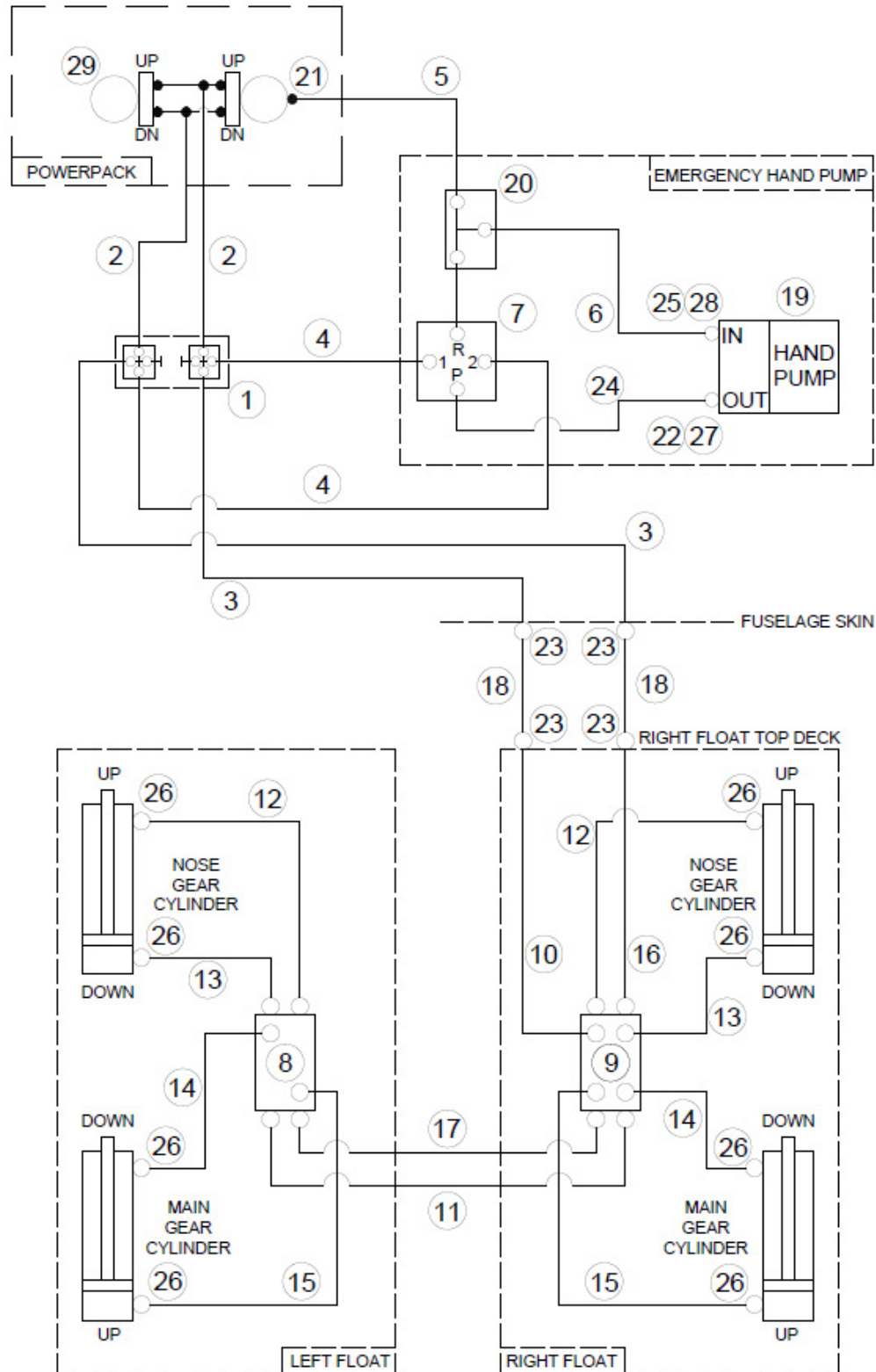
## HYDRAULIC PUMP OVERVIEW



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| 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) |

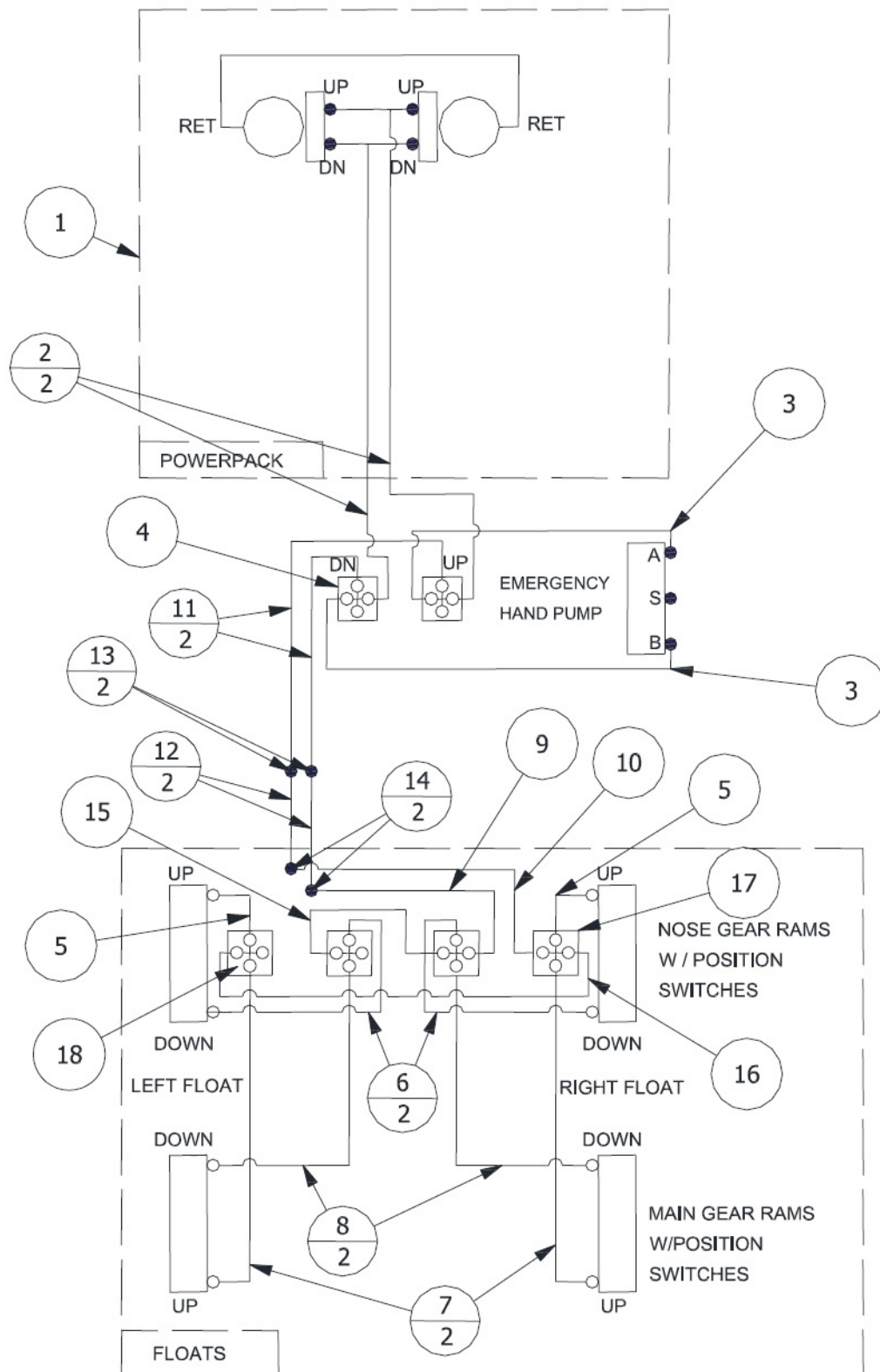
## HYDRAULIC SYSTEM SCHEMATIC – BIDIRECTIONAL PUMP PC-6 POST SERVICE LETTER 214



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.                 | PART DESCRIPTION                                          |
|------|-----|--------------------------|-----------------------------------------------------------|
| 1    | 1   | 1005262                  | ASSEMBLY, MANIFOLD                                        |
| 2    | 2   | 1005288-03               | ASSEMBLY, HYD. HOSE, HYD. PUMP TO MANIFOLD (252")         |
| 3    | 2   | 1005288-04               | ASSEMBLY, HYD. HOSE, FUSELAGE FITTING TO MANIFOLD (36")   |
| 4    | 2   | 1005288-05               | ASSEMBLY, HYD. HOSE, HAND PUMP TO MANIFOLD (30")          |
| 5    | 1   | 1005288-06               | ASSEMBLY, HYD. HOSE, PUMP RESERVOIR TO HAND PUMP (220")   |
| 6    | 1   | 1011195                  | ASSEMBLY, HYD. HOSE, SELECTOR VALVE TO HAND PUMP          |
| 7    | 1   | 51861S6HO3P              | HYDRAULIC SELECTOR VALVE                                  |
| 8    | 1   | 6A09000-027              | MANIFOLD ASSY. LT.                                        |
| 9    | 1   | 6A09000-028              | MANIFOLD ASSY. RT.                                        |
| 10   | 1   | 6A09000-054              | ASSEMBLY, HYD. HOSE, MANIFOLD TO RIGHT FLOAT DECK (13.5") |
| 11   | 1   | 6A09000-058              | ASSEMBLY, HYD. HOSE, SPREADER BAR, GEAR DN, (126")        |
| 12   | 2   | 6A09000-064              | ASSEMBLY, HYD. HOSE, MANIFOLD TO NOSE GEAR UP (76")       |
| 13   | 2   | 6A09000-065              | ASSEMBLY, HYD. HOSE, MANIFOLD TO NOSE GEAR DN (54")       |
| 14   | 2   | 6A09000-066              | ASSEMBLY, HYD. HOSE, MANIFOLD TO MAIN GEAR DN (82")       |
| 15   | 2   | 6A09000-067              | ASSEMBLY, HYD. HOSE, MANIFOLD TO MAIN GEAR UP (115")      |
| 16   | 1   | 6A09000-068              | ASSEMBLY, HYD. HOSE, MANIFOLD TO RIGHT FLOAT DECK (15")   |
| 17   | 1   | 6A09000-069              | ASSEMBLY, HYD. HOSE, SPREADER BAR, GEAR UP (125")         |
| 18   | 2   | 6A09000-070              | ASSEMBLY, HYD. HOSE, TOP DECK TO FUSELAGE (96")           |
| 19   | 1   | 914-8D-27                | HYDRAULIC HAND PUMP                                       |
| 20   | 1   | 926104ERL                | -4 "T" FEMALE AN, SWIVEL ON RUN                           |
| 21   | 1   | AN816-4-4D               | FITTING, FLARED TUBE AND PIPE THREAD                      |
| 22   | 1   | AN816-6D                 | FITTING, FLARED TUBE AND PIPE THREAD                      |
| 23   | 4   | AN833-5D                 | FITTING, ELBOW, 90°, BULKHEAD                             |
| 24   | 1   | AN914-2D                 | ELBOW, PIPE THREAD                                        |
| 25   | 1   | AN919-10D                | FITTING, UNION                                            |
| 26   | 8   | MS20822-4D               | FITTING, ELBOW, 90°                                       |
| 27   | 1   | MS28775-013              | O-RING                                                    |
| 28   | 1   | MS28775-016              | O-RING                                                    |
| 29   | 2   | YBZS-D0.63W2T100K/UVZOT2 | HYDRAULIC PUMP, 24 VDC                                    |
| 30   | A/R | N/A                      | FITTING END (NOT SHOWN)                                   |
|      |     | 63-190600-4              | -4 STRAIGHT FITTING                                       |
|      |     | 63-190600-5              | -5 STRAIGHT FITTING                                       |
|      |     | 190773-4                 | -4 45° FITTING                                            |
|      |     | 190773-5                 | -5 45° FITTING                                            |
|      |     | 190772-4                 | -4 90° FITTING                                            |
|      |     | 190772-5                 | -5 90° FITTING                                            |

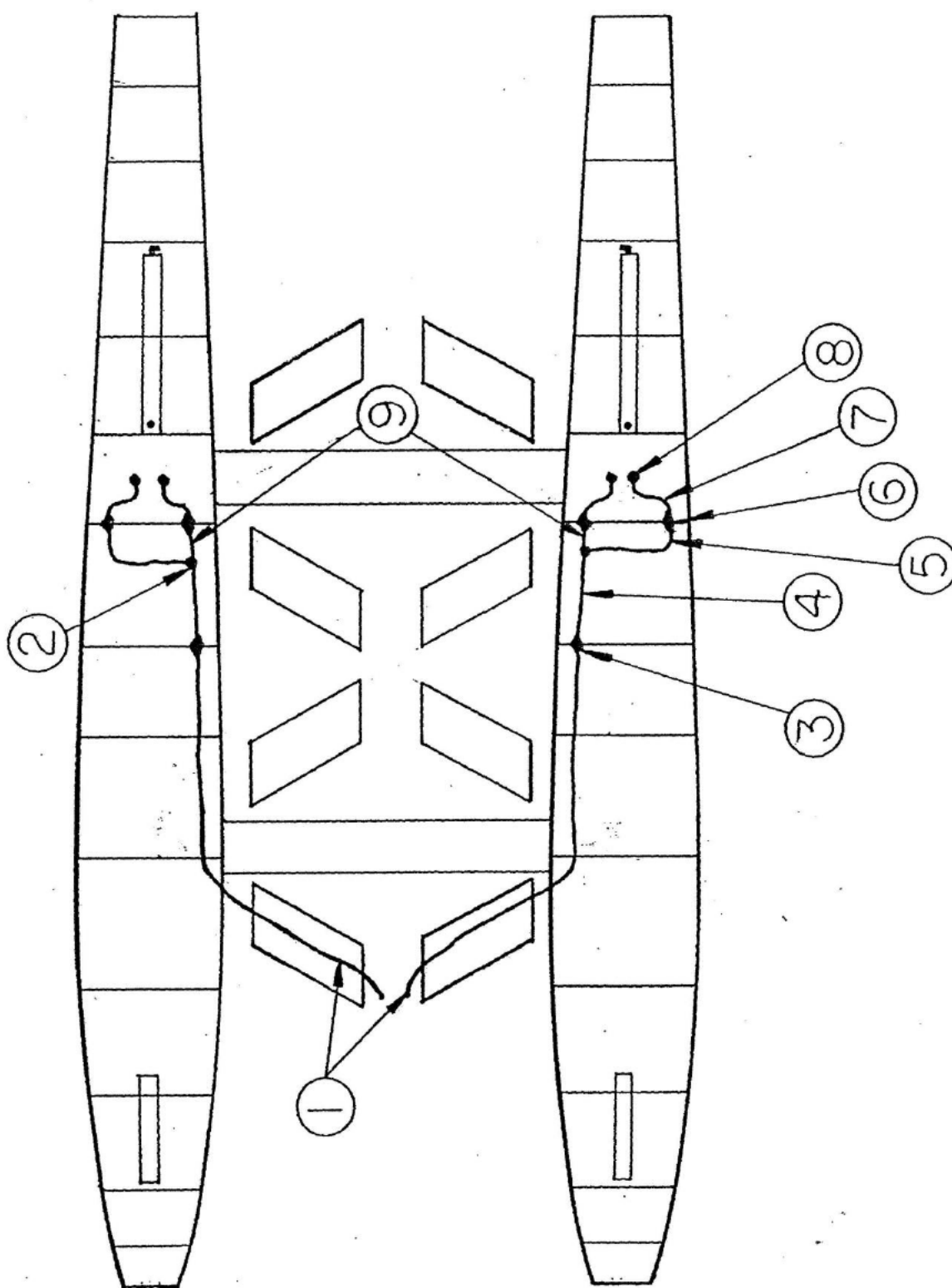
## HYDRAULIC SYSTEM SCHEMATIC PRE SERVICE LETTER 214



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.    | PART DESCRIPTION                                      |
|------|-----|-------------|-------------------------------------------------------|
| 1    | 1   | 1005294     | ASSEMBLY, HYDRAULIC PUMP, PC-6                        |
| 2    | 2   | 1005288-03  | ASS'Y, HYDRAULIC HOSE, A/C MANIFOLD TO POWER PACK     |
| 3    | 2   | 1005288-01  | ASS'Y, HYDRAULIC HOSE, EXISTING HYD LINES TO MANIFOLD |
| 4    | 1   | 1005262     | ASSEMBLY, MANIFOLD, HYDRAULIC, PC-6                   |
| 5    | 2   | 6A09000-064 | HOSE, MAN. TO NOSE GEAR UP                            |
| 6    | 2   | 6A09000-065 | HOSE, MAN. TO NOSE GEAR DOWN                          |
| 7    | 2   | 6A09000-067 | HOSE, MAN. TO MAIN GEAR UP                            |
| 8    | 2   | 6A09000-066 | HOSE, MAN. TO MAIN GEAR DOWN                          |
| 9    | 1   | 6A09000-054 | HOSE, RIGHT MANIFOLD TO FLOAT DECK                    |
| 10   | 1   | 6A09000-068 | HOSE, RIGHT MAN. TO FLOAT DECK                        |
| 11   | 4   | 1005439-01  | ASS'Y, HOSE, HYD SYSTEM, A/C MANIFOLD TO A/C BULKHEAD |
| 12   | 2   | 6A09000-070 | HOSE, FLOAT DECK TO FUSELAGE FITTING                  |
| 13   | 2   | AN833-5D    | FITTING, HYDRAULIC, 90° ELBOW                         |
| 14   | 2   | AN833-5D    | FITTING, HYDRAULIC, 90° ELBOW                         |
| 15   | 1   | 6A09000-058 | HOSE, LEFT MAN TO RIGHT MAN                           |
| 16   | 1   | 6A09000-069 | HOSE, LEFT MAN TO RIGHT MAN                           |
| 17   | 1   | 6A09000-028 | MANIFOLD ASSY. RT.                                    |
| 18   | 1   | 6A09000-027 | ASSEMBLY, MANIFOLD, HYDRAULIC                         |

## HYDRAULIC BRAKE SCHEMATIC



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY | PART NO.            | PART DESCRIPTION                                        |
|------|-----|---------------------|---------------------------------------------------------|
| 1    | 2   | 6A04000-023         | ASS'Y., BRAKE LINE, FT. STRUT                           |
|      | 1   | 2807-4              | LINE-AEROQUIP (83")                                     |
|      | 2   | 63-190600-4         | FTG. AEROQUIP                                           |
| 2    | 2   | AN824-4D            | TEE, FLARED TUBE, ALUMINUM, TUBE OD 1/4, THREAD 7/16-20 |
| 3    | 2   | AN832-4D            | FTG., BULK.                                             |
|      | 2   | NAS1149D0863J       | WASHER, 0.515 ID, 0.063 THK, ALUMINUM                   |
|      | 2   | AN924-4D            | NUT, TUBE, 7/16-20 THREAD                               |
| 4    | 2   | 6A04000-024         | ASS'Y., BRAKE LINE (34")                                |
|      | 2   | .035 X 1/4 X 34"    | LINE-ALUMINUM                                           |
|      | 4   | MS20819-4D          | SLEEVE                                                  |
|      | 4   | AN818-4D            | NUT, TUBE COUPLING, ALUMINUM, TUBE OD 0.250             |
| 5    | 2   | 6A04000-25          | ASSY., BRAKE LINE (20.75")                              |
|      | 2   | .035 X 1/4 X 20.75" | LINE-ALUMINUM                                           |
|      | 4   | MS20819-4D          | SLEEVE                                                  |
|      | 4   | AN818-4D            | NUT, TUBE COUPLING, ALUMINUM, TUBE OD 0.250             |
| 6    | 4   | AN832-4D            | FTG., BULK.                                             |
|      | 4   | NAS1149D0863J       | WASHER, 0.515 ID, 0.063 THK, ALUMINUM                   |
|      | 4   | AN924-4D            | NUT, TUBE, 7/16-20 THREAD                               |
| 7    | 4   | 6A04000-026         | ASS'Y., BRAKE LINE                                      |
|      | 1   | 2807-4              | LINE-AEROQUIP (14")                                     |
|      | 2   | 63-190600-4         | FTG. AEROQUIP                                           |
| 8    | 2   | MS20823-4D          | ELBOW (45 DEG)                                          |
|      | 2   | 6A04258-004         | ADAPTOR                                                 |
| 9    | 2   | 6A04000-027         | ASS'Y., BRAKE LINE (5.25")                              |
|      | 2   | .035 X 1/4 X 5.25"  | LINE-ALUMINUM                                           |
|      | 4   | MS20819-4D          | SLEEVE                                                  |
|      | 4   | AN818-4D            | NUT, TUBE COUPLING, ALUMINUM, TUBE OD 0.250             |
| 10   | 2   | MS35489-9           | GROMMET                                                 |

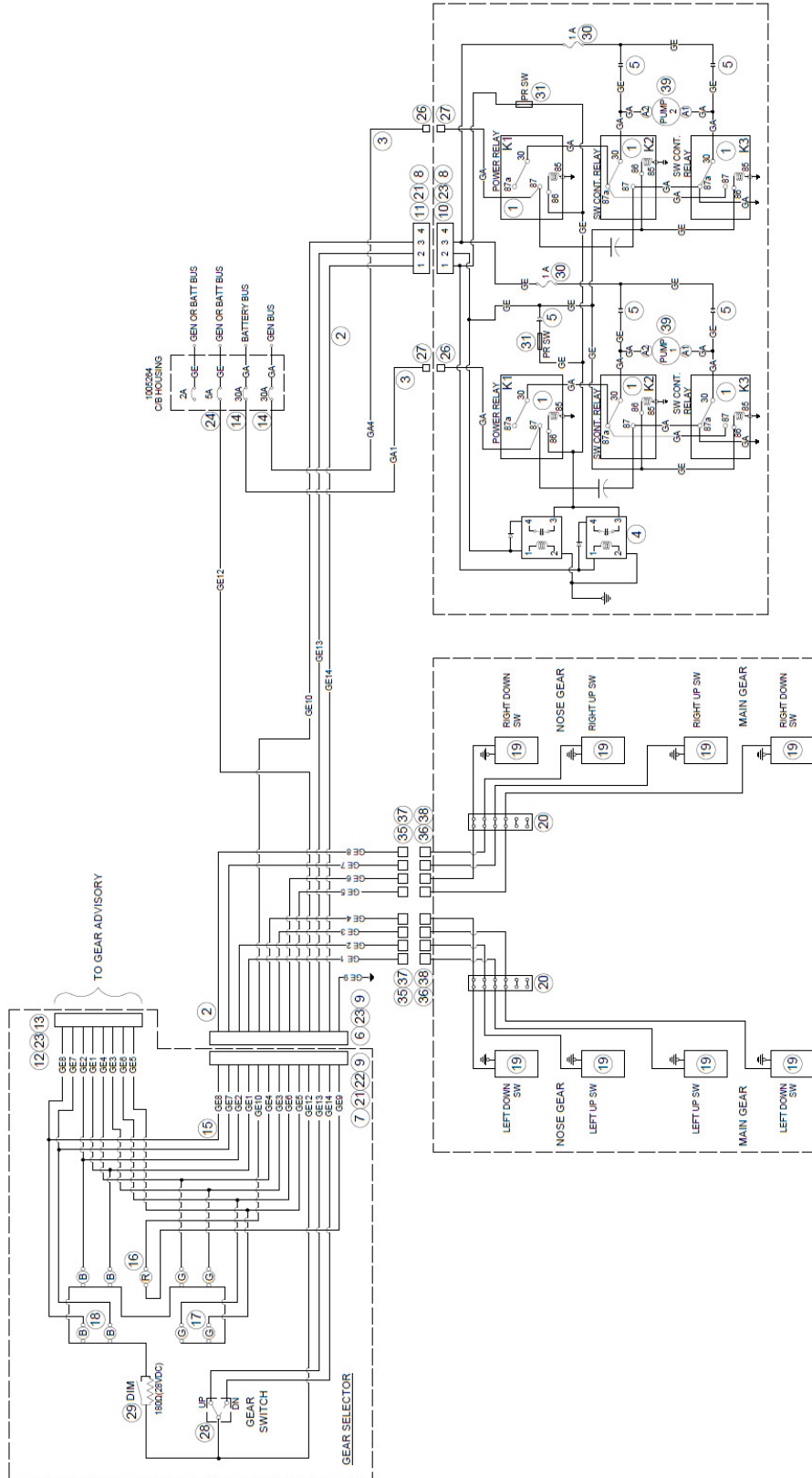
**SECTION 12**  
**ELECTRICAL SCHEMATIC**

**CONTENTS**

ELECTRICAL SCHEMATIC - BIDIRECTIONAL PUMP PC-6 POST SERVICE LETTER 214 .....128  
ELECTRICAL SCHEMATIC - PC-6 PRE SERVICE LETTER 214.....130

## ELECTRICAL SCHEMATIC - BIDIRECTIONAL PUMP PC-6

### POST SERVICE LETTER 214

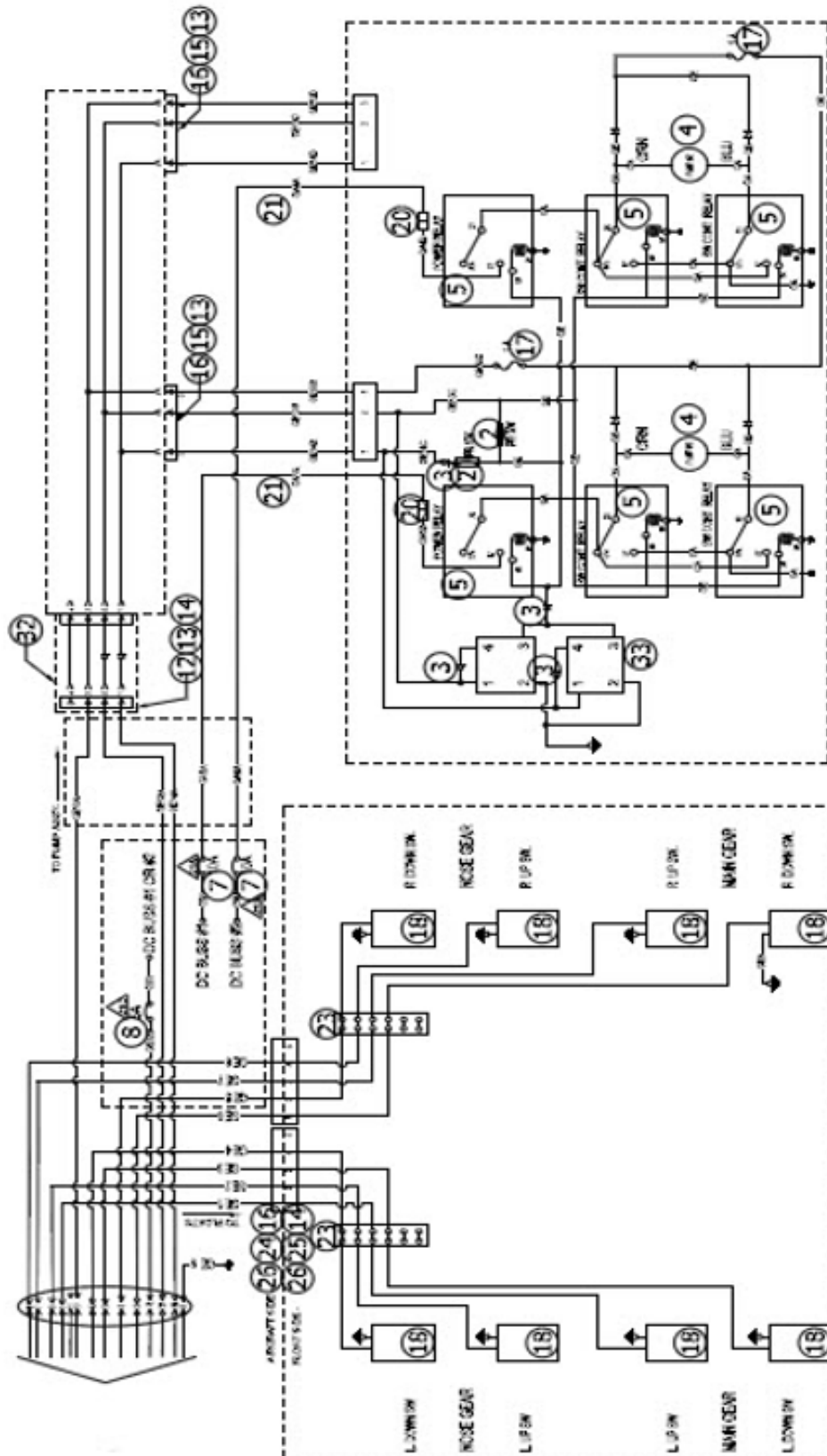


PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY  | PART NO.                        | PART DESCRIPTION                     |
|------|------|---------------------------------|--------------------------------------|
| 1    | 6    | 0-332-209-211                   | RELAY, 24VDC, 5 PRONG                |
| 2    | 1    | 1004509                         | ASSEMBLY, WIRE HARNESS               |
| 3    | 1    | 1004635                         | ASSEMBLY, WIRE HARNESS               |
| 4    | 1    | 1005043                         | ASSEMBLY, TIMER RELAY HARNESS, 24VDC |
| 5    | 5    | 1N4004                          | DIODE                                |
| 6    | 1    | 206043-3                        | PLUG, FEMALE, CPC, 14 PIN            |
| 7    | 1    | 206044-1                        | PLUG, MALE, CPC, 14 PIN              |
| 8    | 2    | 206062-3                        | CLAMP, CABLE, CPC, SIZE 11           |
| 9    | 2    | 206070-8                        | CLAMP, CABLE, CPC, SIZE 17           |
| 10   | 1    | 206429-1                        | PLUG, 4 PIN, MALE, CPC, SIZE 1       |
| 11   | 1    | 206430-2                        | PLUG, 4 PIN, FEMALE, CPC, SIZE 1     |
| 12   | 1    | 206708-1                        | PLUG, FEMALE, CPC, 9 PIN             |
| 13   | 1    | 206966-7                        | CLAMP, CABLE, CPC SIZE 13            |
| 14   | 2    | 3TC2-30                         | CIRCUIT BREAKER, 30 AMP              |
| 15   | 1    | 4A11000-008                     | WIRE HARNESS                         |
| 16   | 1    | 507-3918-1431-600F              | INDICATOR LAMP, 28V, RED             |
| 17   | 4    | 507-3918-1432-600F              | INDICATOR LAMP, 28V, GREEN           |
| 18   | 4    | 507-3918-1434-600F              | INDICATOR LAMP, 28V, BLUE            |
| 19   | 8    | 5801                            | PROXIMITY SWITCH                     |
| 20   | 2    | 6-140                           | TERMINAL BLOCK, 6 POSITION           |
| 21   | 11   | 66099-4                         | PIN, MALE, CRIMP                     |
| 22   | 6    | 66103-4                         | PIN, MALE, CRIMP                     |
| 23   | 26   | 66105-4                         | CRIMP SOCKET, FEMALE                 |
| 24   | 1    | 7277-2-5                        | CIRCUIT BREAKER, 5 AMP               |
| 25   | 4 FT | 97358                           | SPLIT LOOM                           |
| 26   | 2    | 73F-250-32-NL                   | CONNECTOR, FEMALE, 12-10 AWG         |
| 27   | 2    | 73M-250-32-NL                   | CONNECTOR, MALE, 12-10 AWG           |
| 28   | 1    | 8857K44                         | TOGGLE SWITCH                        |
| 29   | 1    | A101SYCB                        | TOGGLE SWITCH, SPDT, ON-ON           |
| 30   | 2    | AGC-1                           | FUSE, 250V (S2565-1)                 |
| 31   | 2    | GPP1250-40                      | PRESSURE SWITCH                      |
| 32   | A/R  | MIL-W-22759-16-20               | WIRE, 20 AWG                         |
| 33   | A/R  | MIL-W-22759-16-22               | WIRE, 22 AWG                         |
| 34   | A/R  | MIL-W-22759-16-12               | WIRE, 12 AWG                         |
| 35   | 8    | S1635-1                         | PIN                                  |
| 36   | 8    | S1636-1                         | SOCKET                               |
| 37   | 8    | S1637-1                         | HOUSING                              |
| 38   | 8    | S1637-2                         | HOUSING                              |
| 39   | 2    | YBZS-<br>D0.63W2T100K/<br>UVOT2 | HYDRAULIC POWER PACK, 24 VDC         |

## ELECTRICAL SCHEMATIC - PC-6

### PRE SERVICE LETTER 214



PARTS MANUAL FOR BONDED  
WIPLINE MODEL 6000/6100 FLOATS S/N 61499 AND PRIOR ON PILATUS

| ITEM | QTY  | PART NO.          | PART DESCRIPTION                 |
|------|------|-------------------|----------------------------------|
| 2    | 2    | GPP1250-40        | PRESSURE SWITCH                  |
| 3    | 5    | 1N4004            | DIODE                            |
| 4    | 2    | 646516            | GEAR PUMP                        |
| 5    | 6    | V23234A0004X050   | RELAY, 24V, 5 PRONG              |
| 7    | 2    | 7277-2-20         | KLIXON CIRCUIT BREAKER, 20 AMP   |
| 8    | 1    | 7277-2-5          | KLIXON CIRCUIT BREAKER, 5 AMP    |
| 9    | A/R  | MIL-W-22759/16-20 | 20GA WIRE                        |
| 10   | A/R  | MIL-W-22759/16-22 | 22GA WIRE                        |
| 11   | A/R  | MIL-W-22759/16-12 | 12GA WIRE                        |
| 12   | 1    | 206430-2          | CPC PLUG, 4 PIN, FEMALE #1       |
| 13   | 1    | 206062-3          | CPC CABLE CLAMP, SIZE 11         |
| 14   | 14   | 66105-4           | CRIMP SOCKET, FEMALE 24-20GA     |
| 15   | 2    | 206429-1          | CPC PLUG MALE #1, 4 PIN          |
| 16   | 16   | 66103-4           | CRIMP SOCKET, 20-24GA            |
| 17   | 2    | AGC-1             | FUSE, 250V (S2565-1)             |
| 18   | 8    | 59135-020         | HAMLIN SWITCH                    |
| 20   | 1    | 73F-250-32-NL     | CONNECTOR, FEMALE, 10-12 AWG     |
|      | 1    | 73M-250-32-NL     | CONNECTOR, MALE, 10-12 AWG       |
| 21   | 2    | 1004635           | WIRE, SINGLE CONNECTOR           |
| 23   | 2    | 6-140             | 6 POSITION TERMINAL BLOCK        |
| 24   | 2    | 206705-2          | CPC FREE HANG, 9 PIN, MALE #1    |
| 25   | 2    | 206708-1          | CPC PLUG, 9 PIN, FEMALE #1       |
| 26   | 4    | 206966-1          | CPC CLAMP, SIZE 13, 9 PIN        |
| 27   | A/R  | MIL-W-22759/16-10 | 10 GA WIRE                       |
| 29   | 4 FT | 97358             | SPLIT LOOM                       |
| 32   | 1    | 1004949           | CABLE, DIODE ADAPTER             |
| 33   | 2    | 1005043           | ASS'Y, TIMER RELAY HARNESS (24V) |