



WIPLINE FLOATS • SKIS • MODIFICATIONS • AIRCRAFT SALES  
AVIONICS • INTERIOR • MAINTENANCE • PAINT REFINISHING



# PARTS MANUAL FOR WIPLINE 7000 FLOATS

REVISION D

1700 Henry Ave – Fleming Field (KSGS), South St. Paul, MN 55075

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**LOG OF REVISIONS**

| REVISION | PAGES AFFECTED                                           | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                          | DATE      |
|----------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| A        | 1-197                                                    | Initial Release                                                                                                                                                                                                                                                                                                                                                                                                                      | 04/01/11  |
| B        | 4, 5, 123-124, 132, 139-140, 175-178, 185, 188, 190, 192 | Update to Hydraulic pump assembly image and BOM, update main gear axle assembly image and BOM, updated pylon gear journal attach points BOM, update to rotary actuator BOM, CB config. image update to 20-amp CB update to elec. schematic sheets/BOM's to indicate 20-amp CB.                                                                                                                                                       | 11/6/12   |
| C        | ALL                                                      | Updated Format, Removed Warranty Claim Form                                                                                                                                                                                                                                                                                                                                                                                          | 3/31/16   |
| D        | All                                                      | Added 13A01567-010 Cover Seal, 13.69" X 17.16" to Assembly Covers 1003763, 1003764, and 1003765. Changed XA1AC description to TUBE, 5.00 X 5 in Nose Wheel Assembly Lower End. Added Gasket 1009941 to 4" Inspection Covers 1004593. Changed bolt from AN10-40A to AN10-40 and changed Nut MS21044N10 to AN310-10 in Main Gear Assembly. Added MS24665-285 Cotter Pin to Main Gear Assembly. Replaced water rudder with 8A08000-079. | 8/23/2019 |

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## FLOAT PART SALES DEPT. OPERATIONS

Hours: 7:00 AM – 6:00 PM, Monday through Friday  
Central U.S. Time

Phone: 651-306-0459

Fax: 651-306-0666

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

Website: [www.wipaire.com](http://www.wipaire.com)

### Shipping Schedule:

In-stock orders received before 3:00 PM CST ship the same day. Orders received after this time may be assessed an AOG fee for special priority handling.

As we are primarily a manufacturer, our stocks can be rapidly depleted by production requirements. Therefore, prices and availability are subject to change at any time. It is our intent to provide courteous and prompt service of your needs. Please let us know of any problem or concerns so that changes in these procedures can be a benefit to all.

### PARTS ORDERING

Purchase orders should include

1. P.O. Number
2. Name of person placing order
3. Invoicing information:
  - I. Customer name – company or individual
    - i. Address
    - ii. Phone and fax number
4. Shipping information:
  - I. Address (if different from invoice address)
  - II. 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: VIS A, MasterCard, COD (U.S. customers only). Pre-payment by check or wire transfer, open account (see credit policy section).

### DAMAGED GOODS

Inspect all parts upon receipt. Damages to parts in transit must be filed as a claim against the carrier.

## RETURNED PARTS

Written explanation of reason for return must accompany parts, including invoice number of original shipment. Shipping charges on returned parts must be prepaid or the shipment will be refused.

## ORDER SHORTAGE

Check shipment against delivery slip immediately. All claims for any shortages should be made within three (3) days after order receipt.

## CREDIT POLICY

Parts will be shipped on open account, net 30 days, to Wipaire-approved credit customers only. A balance due over 60 days will result in no shipments. Wipaire, Inc reserves the right to send any order C.O.D.

## LIST OF ABBREVIATIONS

All references in this manual to LEFT and RIG HT 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      |
| Bulkhd. | 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    |



## NEW CUSTOMER INFORMATION

**Customer Name**

**Billing Address**

**Shipping address**

Phone Number

Fax Number

Purchasing Contact

Phone Number

E-Mail

Fax Number

Accounts Payable Contact

Phone Number

E-Mail

Fax Number

Type(s) of Floats and Skis owned or Maintained

Models(s) of Floats and Skis owned or Maintained

FedEx and/or UPS account number (if applicable)

Please return to Wipaire Customer Service:

Fax 651-306-0666

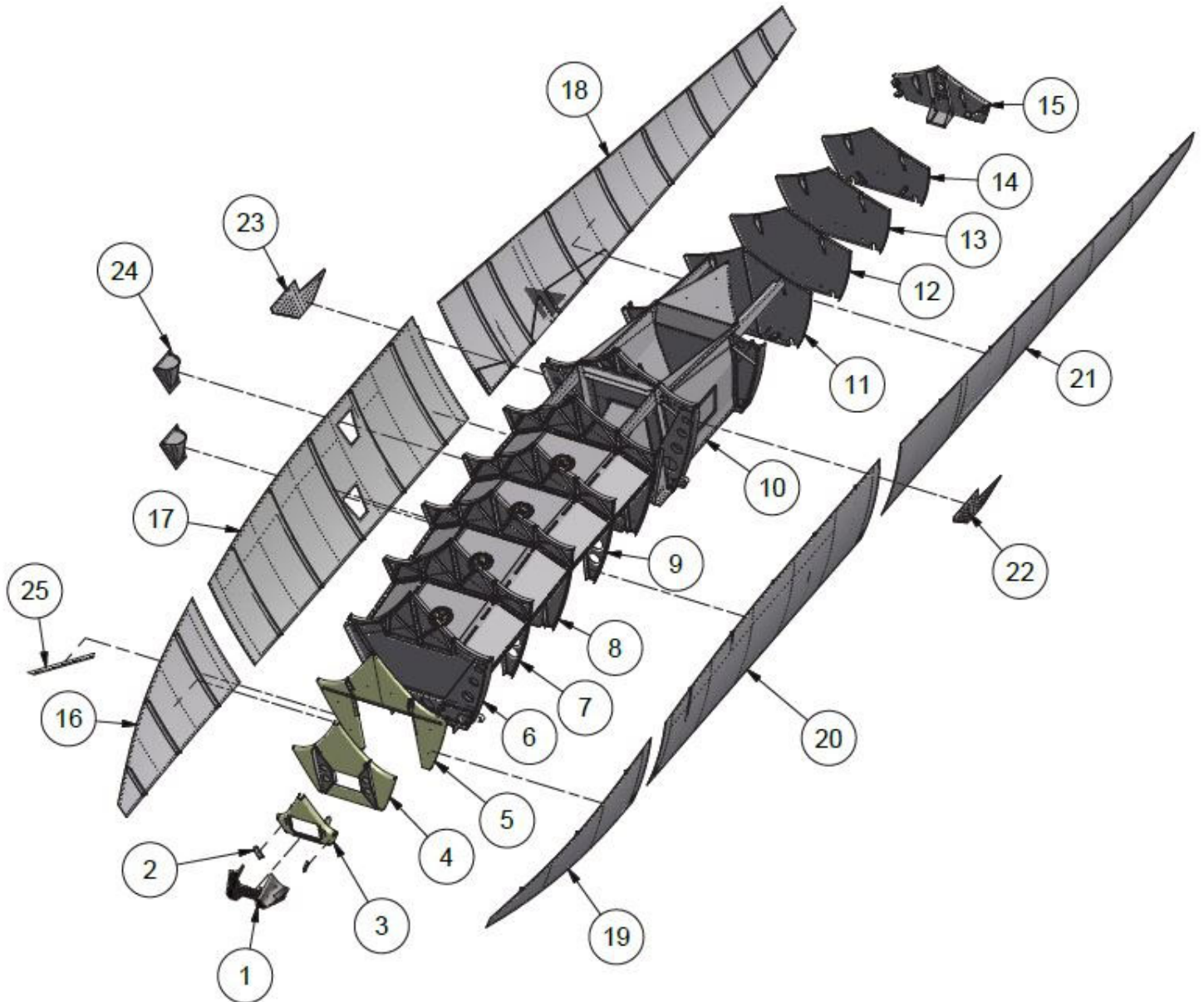
Phone 651-306-0459

[CustomerService@wipaire.com](mailto:CustomerService@wipaire.com)

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## **SECTION 1: HULL ASSEMBLY**

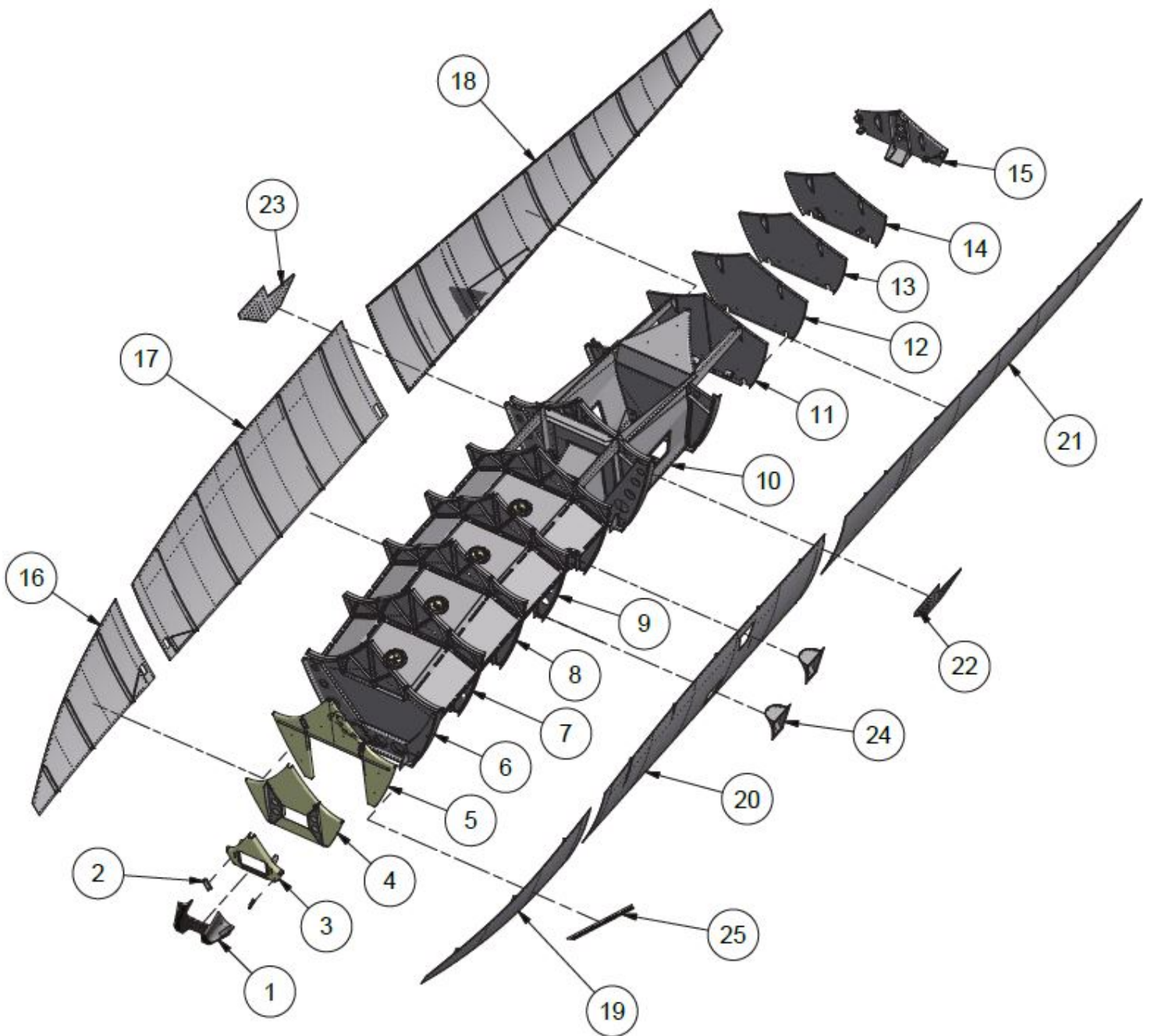
HULL ASSEMBLY BULKHEADS AND SIDE SKINS LEFT FLOAT



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                                        |     |             |                                          |
|---------------------------------------------------|-----|-------------|------------------------------------------|
| HULL ASSEMBLY BULKHEADS AND SIDE SKINS LEFT FLOAT |     |             |                                          |
| ITEM                                              | QTY | PART NUMBER | DESCRIPTION                              |
| 1                                                 | 1   | 1004467     | NOSE BUMPER                              |
| 2                                                 | 2   | 1004641     | MOUNT, NOSE BUMPER                       |
| 3                                                 | 1   | 1003035     | ASSEMBLY, BULKHEAD #1                    |
| 4                                                 | 1   | 1003036     | ASSEMBLY, BULKHEAD #2                    |
| 5                                                 | 1   | 1003037     | ASSEMBLY, BULKHEAD #3                    |
| 6                                                 | 1   | 1003038     | ASSEMBLY, BLKHD #4, LT FLT, 7000         |
| 7                                                 | 1   | 1003040     | ASSEMBLY, BULKHEAD, #5                   |
| 8                                                 | 1   | 1003041     | ASSEMBLY, BULKHEAD #6                    |
| 9                                                 | 1   | 1003042     | ASSEMBLY, BULKHEAD #8                    |
| 10                                                | 1   | 1003044     | ASSEMBLY, WHEEL WELL, LEFT FLOAT, 7000   |
| 11                                                | 1   | 1003451     | ASSEMBLY, BULKHEAD #12, LEFT FLOAT       |
| 12                                                | 1   | 1003453     | ASSEMBLY, BULKHEAD #13                   |
| 13                                                | 1   | 1003455     | ASSEMBLY, BULKHEAD #14                   |
| 14                                                | 1   | 1003457     | ASSEMBLY, BULKHEAD #15                   |
| 15                                                | 1   | 1003459     | ASSEMBLY, BULKHEAD #16 LEFT FLOAT        |
| 16                                                | 1   | 1003785     | ASSEMBLY, SKIN, FWD, OBRD, LT FLT, 7000  |
| 17                                                | 1   | 1003789     | ASSEMBLY, SKIN, MID, OBRD, LT FLT, 7000  |
| 18                                                | 1   | 1003793     | ASSEMBLY, SKIN, AFT, OBRD, LT FLT, 7000  |
| 19                                                | 1   | 1003784     | ASSEMBLY, SKIN, FWD, IBRD, LT FLT, 7000  |
| 20                                                | 1   | 1003788     | ASSEMBLY, SKIN, MID, IBRD, LT FLT, 7000  |
| 21                                                | 1   | 1003792     | ASSEMBLY, SKIN, AFT, IBRD, LT FLT , 7000 |
| 22                                                | 1   | 1004183     | DOUBLER, BLKHD #10, RT, 7000             |
| 23                                                | 1   | 1004182     | DOUBLER, BLKHD #10, LT , 7000            |
| 24                                                | 2   | 3A01000-005 | WELDMENT, STEP POCKET, FLAT SURFACE      |
| 25                                                | 1   | 1004460     | STALL STRIP, LH, 7000                    |

HULL ASSEMBLY BULKHEADS AND SIDE SKINS RIGHT FLOAT

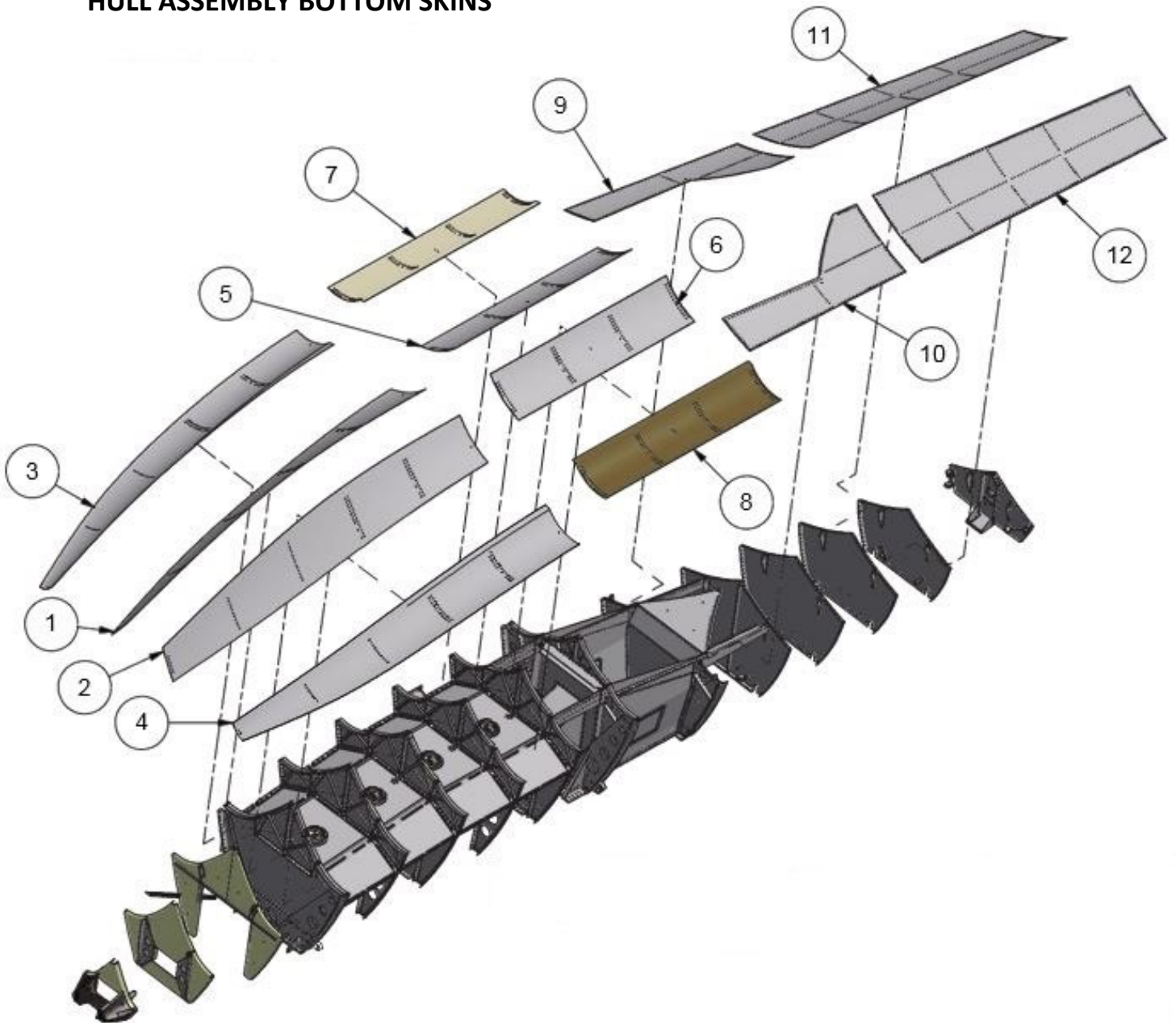




# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                                         |     |             |                                         |
|----------------------------------------------------|-----|-------------|-----------------------------------------|
| HULL ASSEMBLY BULKHEADS AND SIDE SKINS RIGHT FLOAT |     |             |                                         |
| ITEM                                               | QTY | PART NUMBER | DESCRIPTION                             |
| 1                                                  | 1   | 1004467     | NOSE BUMPER                             |
| 2                                                  | 2   | 1004641     | MOUNT, NOSE BUMPER                      |
| 3                                                  | 1   | 1003035     | ASSEMBLY, BULKHEAD #1                   |
| 4                                                  | 1   | 1003036     | ASSEMBLY, BULKHEAD #2                   |
| 5                                                  | 1   | 1003037     | ASSEMBLY, BULKHEAD #3                   |
| 6                                                  | 1   | 1003039     | ASSEMBLY, BLKHD #4, RT FLT, 7000        |
| 7                                                  | 1   | 1003040     | ASSEMBLY, BULKHEAD, #5                  |
| 8                                                  | 1   | 1003041     | ASSEMBLY, BULKHEAD #6                   |
| 9                                                  | 1   | 1003042     | ASSEMBLY, BULKHEAD #8                   |
| 10                                                 | 1   | 1003144     | ASSEMBLY, WHEEL WELL, RIGHT FLOAT, 7000 |
| 11                                                 | 1   | 1003452     | ASSEMBLY, BULKHEAD #12, RIGHT FLOAT     |
| 12                                                 | 1   | 1003453     | ASSEMBLY, BULKHEAD #13                  |
| 13                                                 | 1   | 1003455     | ASSEMBLY, BULKHEAD #14                  |
| 14                                                 | 1   | 1003457     | ASSEMBLY, BULKHEAD #15                  |
| 15                                                 | 1   | 1003460     | ASSEMBLY, BULKHEAD #16, RIGHT FLOAT     |
| 16                                                 | 1   | 1003786     | ASSEMBLY, SKIN, FWD, IBRD, RT FLT, 7000 |
| 17                                                 | 1   | 1003790     | ASSEMBLY, SKIN, MID, IBRD, RT FLT, 7000 |
| 18                                                 | 1   | 1004087     | ASSEMBLY, SKIN, AFT, IBRD, RT FLT, 7000 |
| 19                                                 | 1   | 1003787     | ASSEMBLY, SKIN, FWD, OBRD, RT FLT, 7000 |
| 20                                                 | 1   | 1003791     | ASSEMBLY, SKIN, MID, OBRD, RT FLT, 7000 |
| 21                                                 | 1   | 1004088     | ASSEMBLY, SKIN, AFT, OBRD, RT FLT, 7000 |
| 22                                                 | 1   | 1004183     | DOUBLER, BLKHD #10, RT, 7000            |
| 23                                                 | 1   | 1004182     | DOUBLER, BLKHD #10, LT, 7000            |
| 24                                                 | 2   | 3A01000-005 | WELDMENT, STEP POCKET, FLAT SURFACE     |
| 25                                                 | 1   | 1004459     | STALL STRIP, RH, 7000                   |

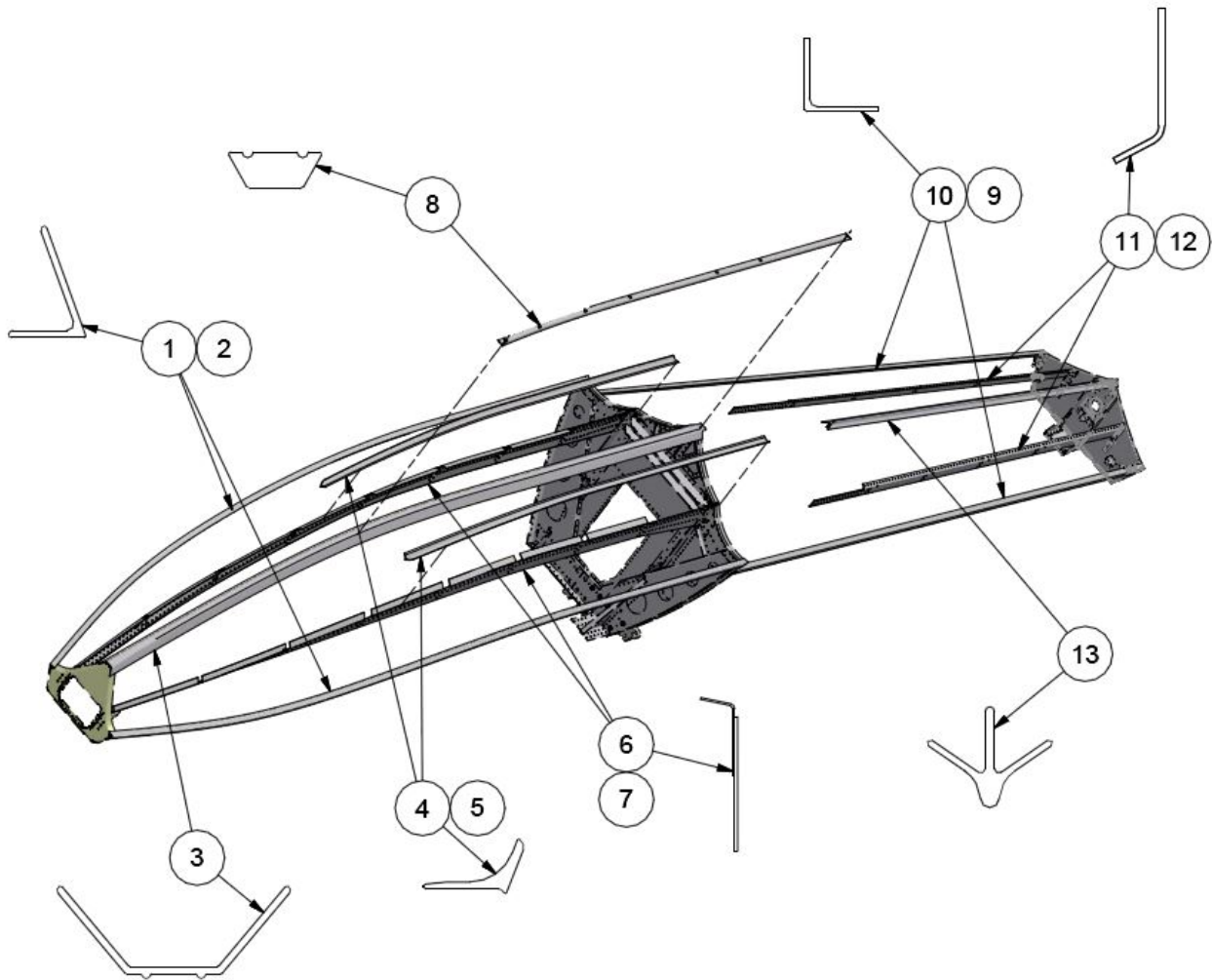
**HULL ASSEMBLY BOTTOM SKINS**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                 |     |             |                                 |
|----------------------------|-----|-------------|---------------------------------|
| HULL ASSEMBLY BOTTOM SKINS |     |             |                                 |
| ITEM                       | QTY | PART NUMBER | DESCRIPTION                     |
| 1                          | 1   | 1003195     | SKIN, BOT, FWD, KEEL, LT, 7000  |
| 2                          | 1   | 1003196     | SKIN, BOT, FWD, KEEL, RT, 7000  |
| 3                          | 1   | 1003199     | SKIN, BOT, FWD, CHINE, LT, 7000 |
| 4                          | 1   | 1003200     | SKIN, BOT, FWD, CHINE, RT, 7000 |
| 5                          | 1   | 1003193     | SKIN, BOT, MID, KEEL, LT, 7000  |
| 6                          | 1   | 1003194     | SKIN, BOT, MID, KEEL, RT, 7000  |
| 7                          | 1   | 1003197     | SKIN, BOT, MID, CHINE, LT, 7000 |
| 8                          | 1   | 1003198     | SKIN, BOT, MID, CHINE, RT, 7000 |
| 9                          | 1   | 1003723     | SKIN, BOT, AFT, MID, LT, 7000   |
| 10                         | 1   | 1003722     | SKIN, BOT, AFT, MID, RT, 7000   |
| 11                         | 1   | 1003201     | SKIN, BOT, AFT, LT, 7000        |
| 12                         | 1   | 1003202     | SKIN, BOT, AFT, RT, 7000        |

**HULL STRUCTURAL MEMBERS & EXTRUSIONS**



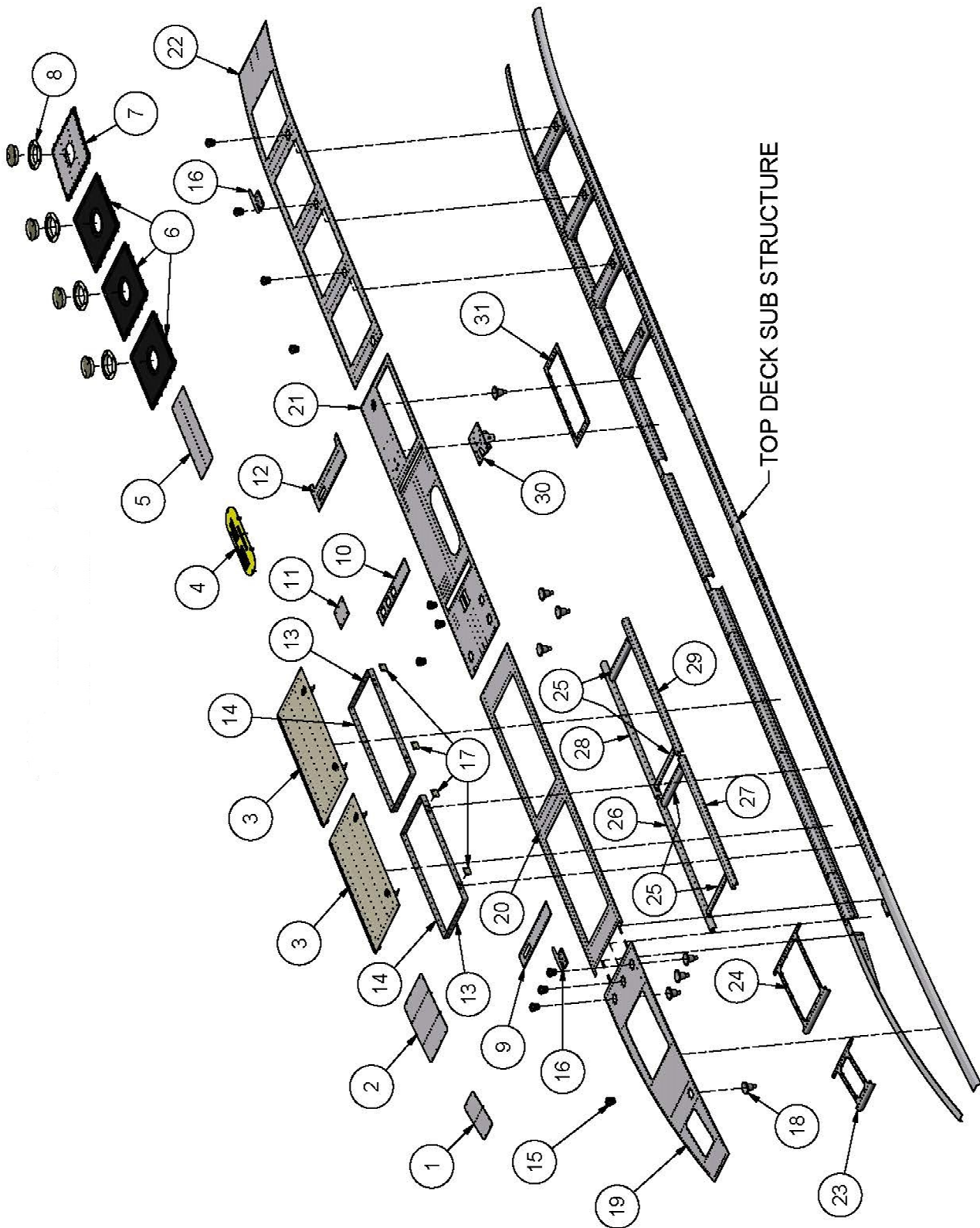
# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                           |     |             |                                      |
|--------------------------------------|-----|-------------|--------------------------------------|
| HULL STRUCTURAL MEMBERS & EXTRUSIONS |     |             |                                      |
| ITEM                                 | QTY | PART NUMBER | DESCRIPTION                          |
| 1                                    | 1   | 1004084     | CHINE, FWD, LT, 7000                 |
| 2                                    | 1   | 1004198     | CHINE, FWD, RT, 7000                 |
| 3                                    | 1   | 1004031     | KEEL, MAIN, FWD, 7000                |
| 4                                    | 1   | 1004066     | SISTER KEEL, RH, 7000                |
| 5                                    | 1   | 1004063     | SISTER KEEL, LH, 7000                |
| 6                                    | 1   | 1003844     | ASSEMBLY, SISTER KEEL, RH, FWD, 7000 |
| 7                                    | 1   | 1003843     | ASSEMBLY, SISTER KEEL, LH, FWD, 7000 |
| 8                                    | 1   | 1004039     | WEAR STRIP, KEEL, MAIN, 7000         |
| 9                                    | 1   | 1004086     | CHINE, AFT, RT, 7000                 |
| 10                                   | 1   | 1004085     | CHINE, AFT, LT, 7000                 |
| 11                                   | 1   | 1003771     | KEEL, SISTER, AFT, LH, 7000          |
| 12                                   | 1   | 1003770     | KEEL, SISTER, AFT, RH, 7000          |
| 13                                   | 1   | 1004341     | KEEL, AFT, 7000                      |

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## **SECTION 2: TOP DECK**

TOP DECK ASSEMBLY LEFT FLOAT





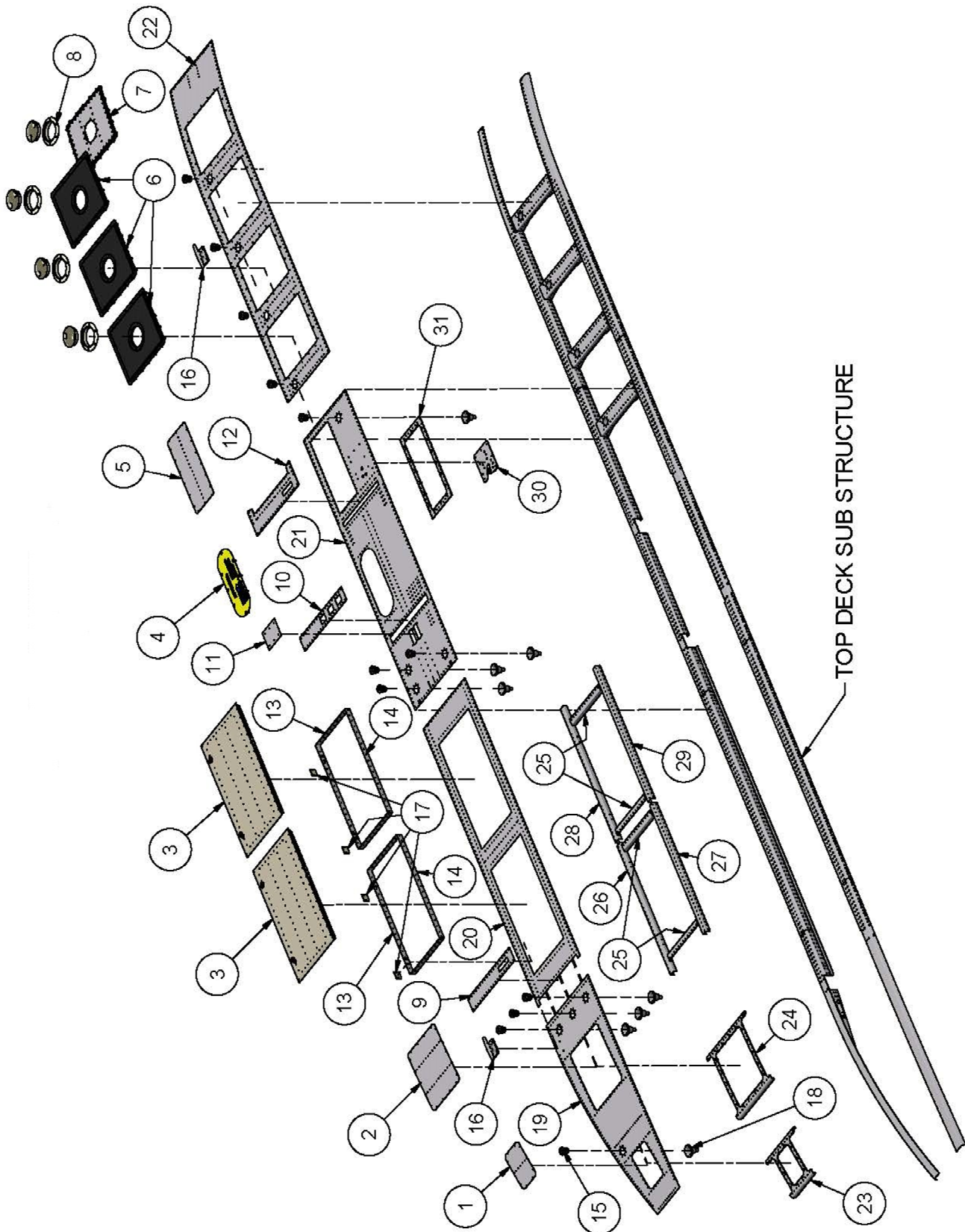
# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                   |     |              |                                               |
|------------------------------|-----|--------------|-----------------------------------------------|
| TOP DECK ASSEMBLY LEFT FLOAT |     |              |                                               |
| ITEM                         | QTY | PART NUMBER  | DESCRIPTION                                   |
| 1                            | 1   | 1003763      | ASSEMBLY, COVER, TOPDECK, 6 X 9               |
|                              | 1   | 13A01567-010 | COVER SEAL, 13.69" X 17.16" TRIM TO FIT       |
| 2                            | 1   | 1003764      | ASSEMBLY, COVER, TOPDECK, 12 X 15             |
|                              | 1   | 13A01567-010 | COVER SEAL, 13.69" X 17.16" TRIM TO FIT       |
| 3                            | 4   | 1004058      | ASSEMBLY, BAGGAGE DOOR, 7000                  |
| 4                            | 1   | 1004567      | ASSEMBLY, COVER, GEAR ACCESS, LH              |
| 5                            | 1   | 1003765      | ASSEMBLY, COVER, TOPDECK, 8 X 19              |
|                              | 1   | 13A01567-010 | COVER SEAL, 13.69" X 17.16" TRIM TO FIT       |
| 6                            | 3   | 1004952      | INSPECTION COVER, RECESSED                    |
|                              | 1   | 1004979      | KIT, INSPECTION PANEL                         |
|                              | A/R | RM754        | O-RING . 139 BUNA N CORD STOCK                |
| 7                            | 1   | 1004633      | PANEL, INSPECTION, AFT                        |
|                              | 1   | 1004978      | KIT, INSPECTION PANEL, AFT                    |
|                              | A/R | RM754        | O-RING . 139 BUNA N CORD STOCK                |
| 8                            | 4   | 1004593      | COVER, 4" INSPECTION                          |
|                              | 4   | 1009941      | GASKET, INSPECTION COVER                      |
| 9                            | 1   | 1003307      | COVER, FITTING, BH04, BH11                    |
| 10                           | 1   | 1003308      | COVER, FITTING, BH10                          |
| 11                           | 1   | 1003767      | COVER, TOPDECK, 4.5 X 5.5                     |
| 12                           | 1   | 1004243      | COVER, FITTING, BH11, LEFT FLOAT              |
| 13                           | 2   | 1004573      | BAGGAGE LIP                                   |
| 14                           | 2   | 1004572      | BAGGAGE LIP                                   |
| 15                           | 12  | 2111         | STOPPER, PUMPOUT, LAKE AND AIR                |
| 16                           | 2   | 1004255      | BALLARD, TOP DECK, TIE DOWN                   |
| 17                           | 4   | 1003860      | STRIKE PLATE, BAGGAGE DOOR LOCK               |
| 18                           | 12  | 4A01749-001  | CUP, PUMP OUT                                 |
| 19                           | 1   | 1003175      | SKIN, TOP, FWD, LH FLOAT, 7000                |
| 20                           | 1   | 1003172      | SKIN, TOP, MID 4-9, LH FLOAT, 7000            |
| 21                           | 1   | 1003168      | SKIN, TOP, MID 9-12, LH FLOAT, 7000           |
| 22                           | 1   | 1003165      | SKIN, TOP, AFT, LH FLOAT, 7000                |
| 23                           | 1   | 1004256      | ASSEMBLY, RETAINER, COVER, TOPDECK            |
| 24                           | 1   | 1004257      | ASSEMBLY, RETAINER, COVER, TOPDECK            |
| 25                           | 4   | 1003823      | JAMB, END, BAGGAGE DOOR                       |
| 26                           | 1   | 1004090      | JAMB, BAGGAGE DOOR, FWD, INBOARD, LEFT FLOAT  |
| 27                           | 1   | 1004092      | JAMB, BAGGAGE DOOR, FWD. OUTBOARD, LEFT FLOAT |
| 28                           | 1   | 1004094      | JAMB, BAGGAGE DOOR, AFT, INBOARD, LEFT FLOAT  |
| 29                           | 1   | 1004096      | JAMB, BAGGAGE DOOR, AFT, OUTBOARD, LEFT FLOAT |

## WIPLINE 7000 AMPHIBIAN PARTS MANUAL

|    |   |         |                                            |
|----|---|---------|--------------------------------------------|
| 30 | 1 | 1003300 | ASSEMBLY, PULLEY CLUSTER, LEFT FLOAT, 7000 |
| 31 | 1 | 1004258 | ASSEMBLY, RETAINER, COVER, TOPDECK         |

TOP DECK ASSEMBLY RIGHT FLOAT



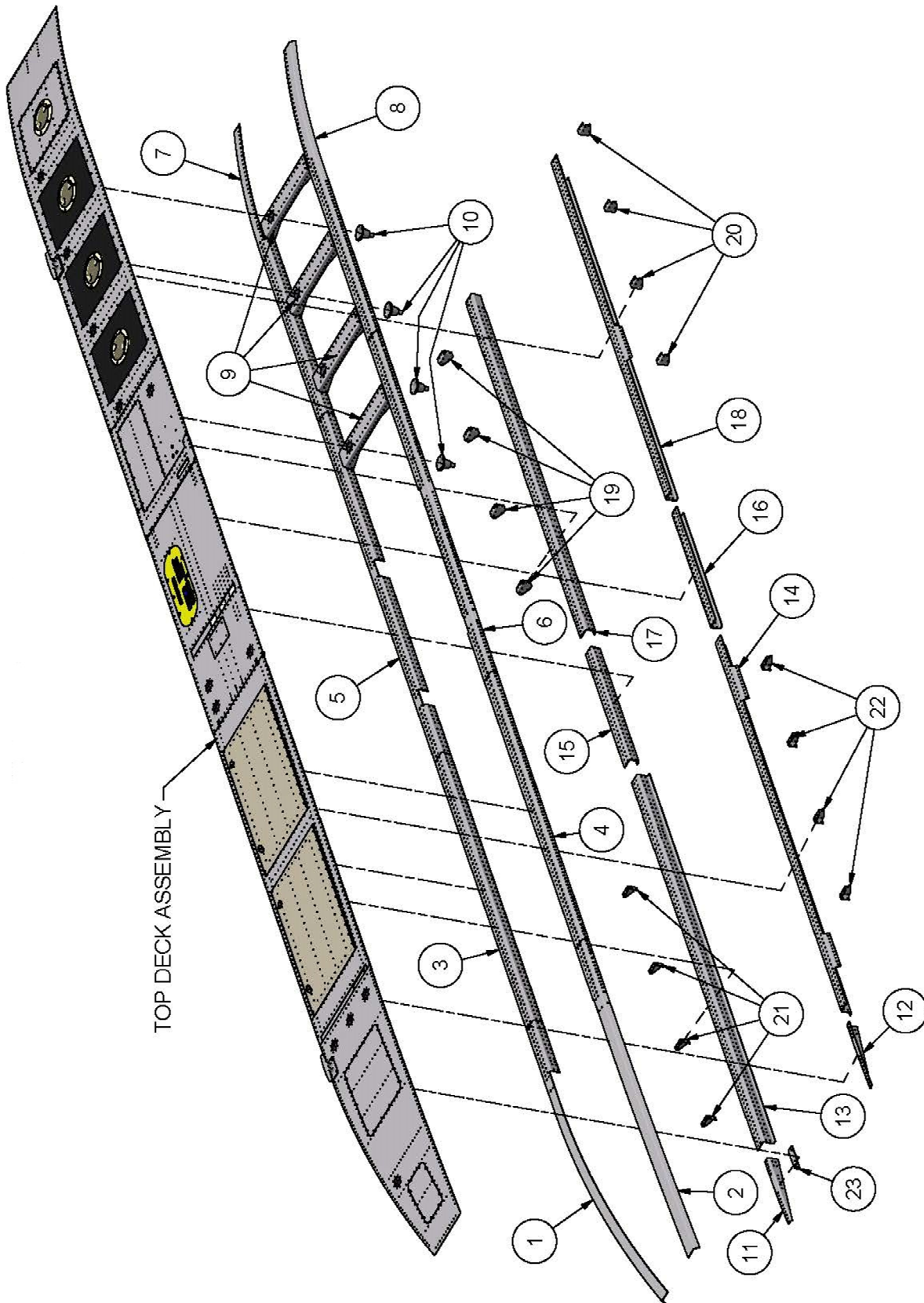
# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                    |     |              |                                                |
|-------------------------------|-----|--------------|------------------------------------------------|
| TOP DECK ASSEMBLY RIGHT FLOAT |     |              |                                                |
| ITEM                          | QTY | PART NUMBER  | DESCRIPTION                                    |
| 1                             | 1   | 1003763      | ASSEMBLY, COVER, TOPDECK, 6 X 9                |
|                               | 1   | 13A01567-010 | COVER SEAL, 13.69" X 17.16" TRIM TO FIT        |
| 2                             | 1   | 1003764      | ASSEMBLY, COVER, TOPDECK, 12 X 15              |
|                               | 1   | 13A01567-010 | COVER SEAL, 13.69" X 17.16" TRIM TO FIT        |
| 3                             | 2   | 1004058      | ASSEMBLY, BAGGAGE DOOR, 7000                   |
| 4                             | 1   | 1004568      | ASSEMBLY, COVER, GEAR ACCESS, RH               |
| 5                             | 1   | 1003765      | ASSEMBLY, COVER, TOPDECK, 8 X 19               |
|                               | 1   | 13A01567-010 | COVER SEAL, 13.69" X 17.16" TRIM TO FIT        |
| 6                             | 3   | 1004952      | INSPECTION COVER, RECESSED                     |
|                               | 1   | 1004979      | KIT, INSPECTION PANEL                          |
|                               | A/R | RM754        | O-RING . 139 BUNA N CORD STOCK                 |
| 7                             | 1   | 1004633      | PANEL, INSPECTION, AFT                         |
|                               | 1   | 1004978      | KIT, INSPECTION PANEL, AFT                     |
|                               | A/R | RM754        | O-RING . 139 BUNA N CORD STOCK                 |
| 8                             | 4   | 1004593      | COVER, 4" INSPECTION                           |
|                               | 4   | 1009941      | GASKET, INSPECTION COVER                       |
| 9                             | 1   | 1003307      | COVER, FITTING, BH04, BH11                     |
| 10                            | 1   | 1003308      | COVER, FITTING, BH10                           |
| 11                            | 1   | 1003767      | COVER, TOPDECK, 4.5 X 5.5                      |
| 12                            | 1   | 1004244      | COVER, FITTING, BH11, RIGHT FLOAT              |
| 13                            | 2   | 1004573      | BAGGAGE LIP                                    |
| 14                            | 2   | 1004572      | BAGGAGE LIP                                    |
| 15                            | 12  | 2111         | STOPPER, PUMPOUT, LAKE AND AIR                 |
| 16                            | 2   | 1004255      | BALLARD, TOP DECK, TIE DOWN                    |
| 17                            | 4   | 1003860      | STRIKE PLATE, BAGGAGE DOOR LOCK                |
| 18                            | 12  | 4A01749-001  | CUP, PUMP OUT                                  |
| 19                            | 1   | 1003176      | SKIN, TOP, FWD, RH FLOAT, 7000                 |
| 20                            | 1   | 1003173      | SKIN, TOP, MID 4-9, RH FLOAT, 7000             |
| 21                            | 1   | 1003169      | SKIN, TOP, MID 9-12, RH FLOAT, 7000            |
| 22                            | 1   | 1003166      | SKIN, TOP, AFT, RH FLOAT, 7000                 |
| 23                            | 1   | 1004256      | ASSEMBLY, RETAINER, COVER, TOPDECK             |
| 24                            | 1   | 1004257      | ASSEMBLY, RETAINER, COVER, TOPDECK             |
| 25                            | 4   | 1003823      | JAMB, END, BAGGAGE DOOR                        |
| 26                            | 1   | 1004093      | JAMB, BAGGAGE DOOR, FWD, OUTBOARD, RIGHT FLOAT |
| 27                            | 1   | 1004091      | JAMB, BAGGAGE DOOR, FWD, INBOARD, RIGHT FLOAT  |
| 28                            | 1   | 1004097      | JAMB, BAGGAGE DOOR, AFT, OUTBOARD, RIGHT FLOAT |
| 29                            | 1   | 1004095      | JAMB, BAGGAGE DOOR, AFT, INBOARD, RIGHT FLOAT  |

## WIPLINE 7000 AMPHIBIAN PARTS MANUAL

|    |   |         |                                             |
|----|---|---------|---------------------------------------------|
| 30 | 1 | 1003301 | ASSEMBLY, PULLEY CLUSTER, RIGHT FLOAT, 7000 |
| 31 | 1 | 1004258 | ASSEMBLY, RETAINER, COVER, TOPDECK          |

TOP DECK SUB STRUCTURE

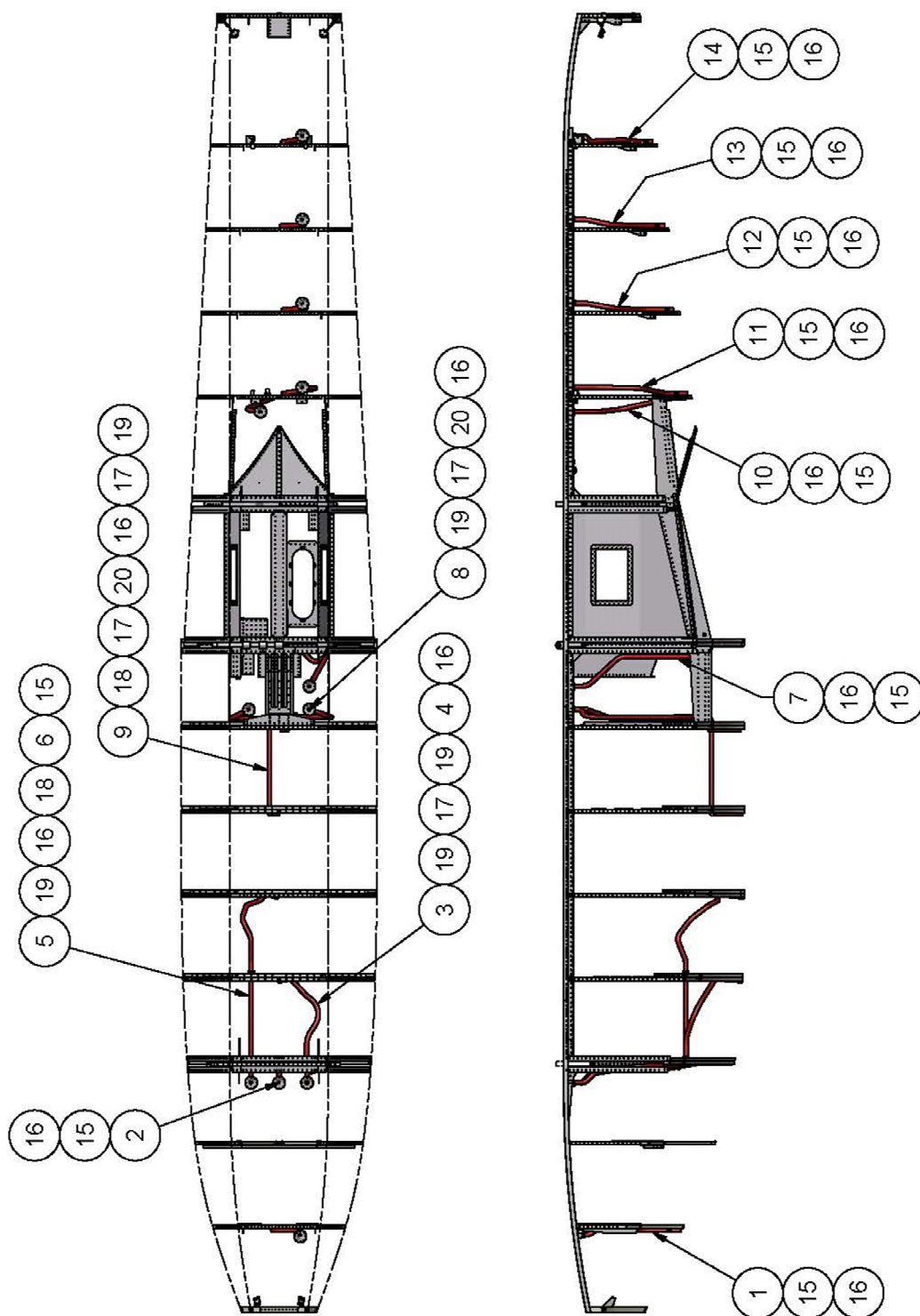


# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List             |     |             |                                           |
|------------------------|-----|-------------|-------------------------------------------|
| TOP DECK SUB STRUCTURE |     |             |                                           |
| ITEM                   | QTY | PART NUMBER | DESCRIPTION                               |
| 1                      | 1   | 1002920     | GUNWALL, FWD, RIGHT                       |
| 2                      | 1   | 1002919     | GUNWALL, FWD, LEFT                        |
| 3                      | 1   | 1003058     | GUNWALL, MID, FWD, RIGHT                  |
| 4                      | 1   | 1003057     | GUNWALL, MID, FWD, LEFT                   |
| 5                      | 1   | 1003055     | GUNWALL, MID, AFT, RIGHT                  |
| 6                      | 1   | 1003056     | GUNWALL, MID, AFT, LEFT                   |
| 7                      | 1   | 1002925     | GUNWALL, AFT, RIGHT                       |
| 8                      | 1   | 1002924     | GUNWALL, AFT, LEFT                        |
| 9                      | 4   | 1002904     | BRACE, TOPSKIN                            |
| 10                     | 12  | 4A01749-001 | CUP, PUMP OUT                             |
| 11                     | 1   | 1004237     | GUSSET, GUNRAIL, FWD, RH                  |
| 12                     | 1   | 1004238     | GUSSET, GUNRAIL, FWD, LH                  |
| 13                     | 1   | 1004240     | NEST, GUNRAIL, FWD, RH                    |
| 14                     | 1   | 1004239     | NEST, GUNRAIL, FWD, LH                    |
| 15                     | 1   | 1004312     | NEST, GUNRAIL, MID, RH                    |
| 16                     | 1   | 1004313     | NEST, GUNRAIL, MID, LH                    |
| 17                     | 1   | 1004242     | NEST, GUNRAIL, AFT, RH                    |
| 18                     | 1   | 1004241     | NEST, GUNRAIL, AFT, LH                    |
| 19                     | 4   | 1004205     | MOUNT,RH, BULKHEAD 12 THRU 15, 7000 FLOAT |
| 20                     | 4   | 1004206     | MOUNT,LH, BULKHEAD 12 THRU 15, 7000 FLOAT |
| 21                     | 4   | 1004207     | MOUNT,RH, BULKHEAD 5 THRU 9, 7000 FLOAT   |
| 22                     | 4   | 1004208     | MOUNT,LH, BULKHEAD 5 THRU 9, 7000 FLOAT   |
| 23                     | 1   | 1004254     | BRACKET, TIE DOWN SUPPORT, 7000           |



# PUMPER CUP INSTALLATION

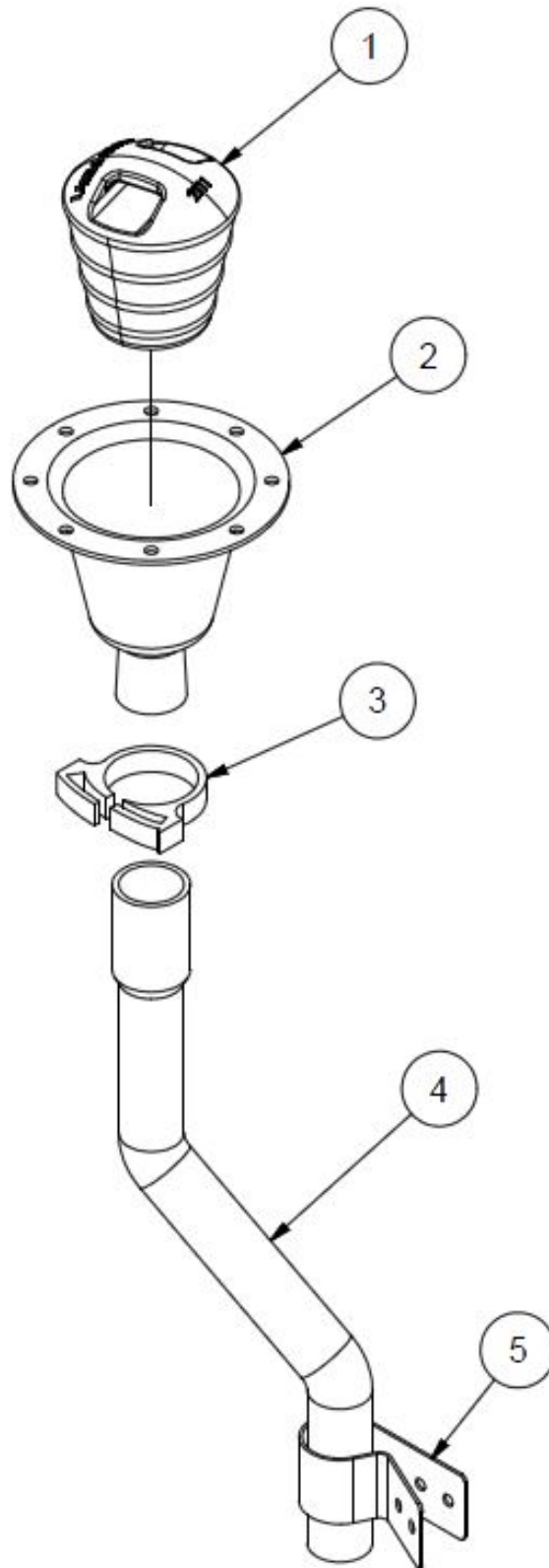




# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>PUMPER CUP INSTALLATION |     |                            |                             |
|---------------------------------------|-----|----------------------------|-----------------------------|
| ITEM                                  | QTY | PART NUMBER                | DESCRIPTION                 |
| 1                                     | 1   | PUMPER BLKHD 2             | TUBE, 22.5 IN LG            |
| 2                                     | 1   | PUMPER BLKHD 4 CTR         | TUBE, 35.5 IN LG            |
| 3                                     | 1   | PUMPER BLKHD 4 LT          | TUBE, 24.0 IN LG            |
| 3                                     | 1   | PUMPER BLKHD 4 LT AFT HOSE | TUBE, 26.0 IN LG            |
| 5                                     | 1   | PUMPER BLKHD 4 RT          | TUBE, 24.0 IN LG            |
| 6                                     | 1   | PUMPER BLKHD 4 RT AFT HOSE | TUBE, 28.0 IN LG            |
| 7                                     | 1   | PUMPER BLKHD 9             | TUBE, 40.0 IN LG            |
| 8                                     | 1   | PUMPER BLKHD 9 LT          | TUBE, 33.0 IN LG            |
| 9                                     | 1   | PUMPER BLKHD 9 RT          | TUBE, 33.0 IN LG            |
| 10                                    | 1   | PUMPER BLKHD 12 FWD        | TUBE, 27.0 IN LG            |
| 11                                    | 1   | PUMPER BLKHD 12            | TUBE, 26.5 IN LG            |
| 12                                    | 1   | PUMPER BLKHD 13            | TUBE, 24.0 IN LG            |
| 13                                    | 1   | PUMPER BLKHD 14            | TUBE, 21.5 IN LG            |
| 14                                    | 1   | PUMPER BLKHD 15            | TUBE, 19.0 IN LG            |
| 15                                    | 10  | 3A01158-003                | CLAMP, PUMP OUT TUBE        |
| 16                                    | 18  | 57134                      | CLAMP                       |
| 17                                    | 6   | 12CPVCL                    | ELBOW, TUBE, 1/2 X 1/2, PVC |
| 18                                    | 1   | PVC 20.00 LG               | TUBE, 20.00 IN LG, PVC      |
| 19                                    | 6   | PVC 1.50 LG                | TUBE, 1.50 IN LG, PVC       |
| 20                                    | 2   | PVC 6.50 LG                | TUBE, 6.50 IN LG, PVC       |
| 21                                    | 1   | PVC 19.00 LG               | TUBE, 19.0 IN LG            |

## PUMPER TUBE INSTALLATION



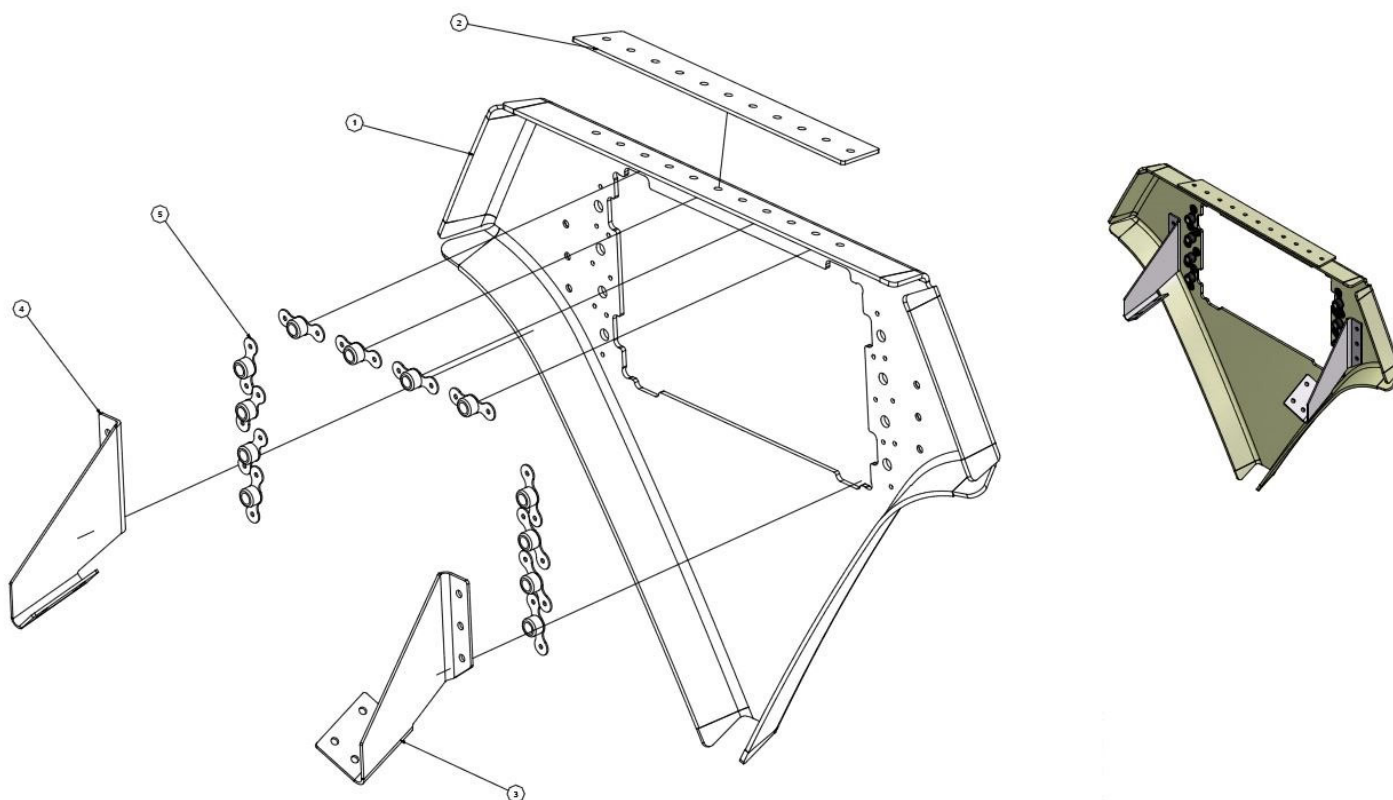
# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>PUMPER TUBE INSTALLATION |     |             |                                |
|----------------------------------------|-----|-------------|--------------------------------|
| ITEM                                   | QTY | PART NUMBER | DESCRIPTION                    |
| 1                                      | 1   | 2111        | STOPPER, PUMPOUT, LAKE AND AIR |
| 2                                      | 1   | 4A01749-001 | CUP, PUMP OUT                  |
| 3                                      | 1   | 57134       | CLAMP                          |
| 4                                      | 1   | Varies      | PUMPER TUBE                    |
| 5                                      | 1   | 3A01158-003 | CLAMP, PUMP OUT TUBE           |

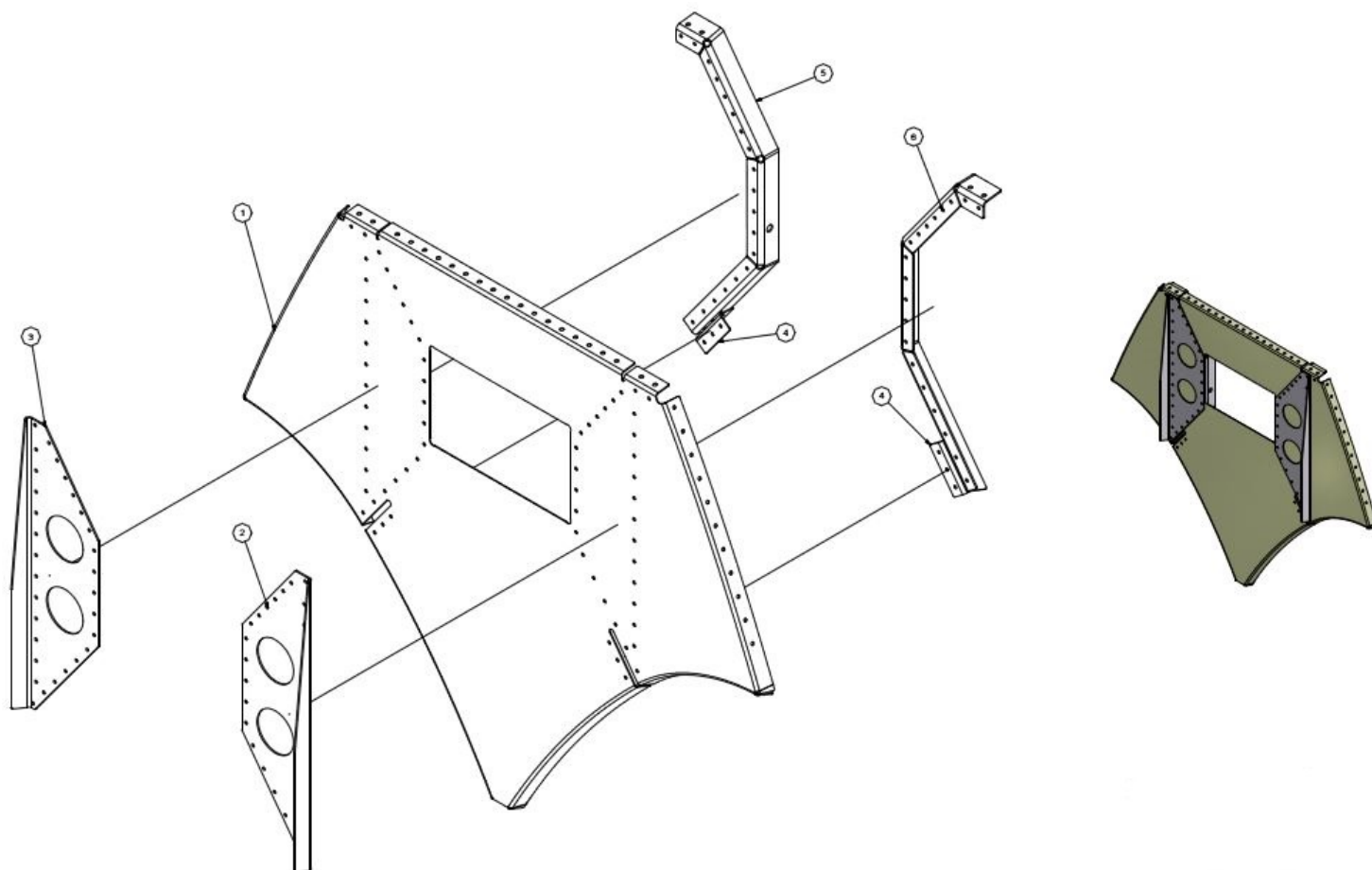
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## **SECTION 3: FORWARD BULKHEADS**

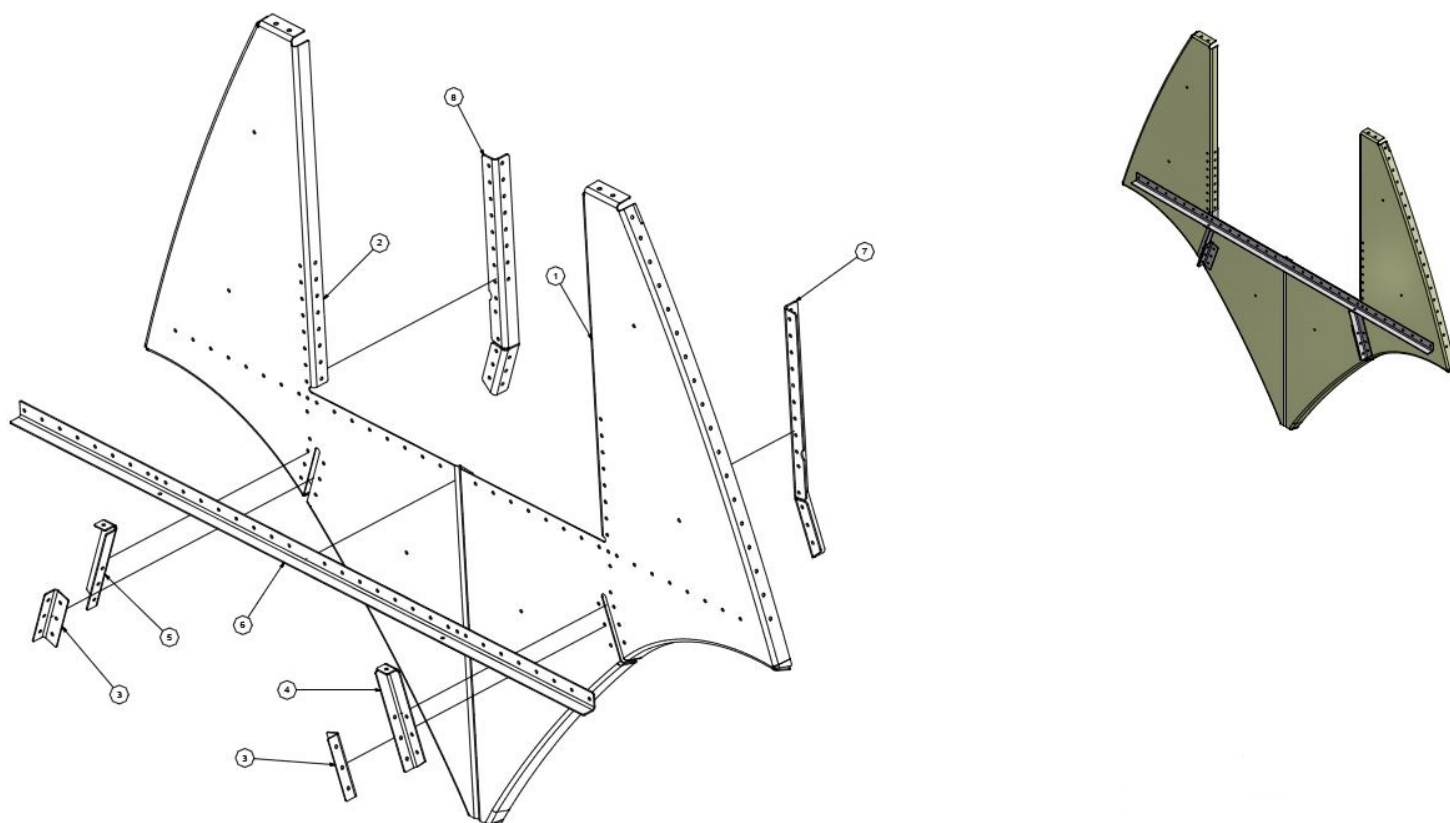
# **BULKHEAD ASSEMBLY 1**



| Parts List<br>BULKHEAD ASSEMBLY 1 |     |             |                                    |
|-----------------------------------|-----|-------------|------------------------------------|
| ITEM                              | QTY | PART NUMBER | DESCRIPTION                        |
| 1                                 | 1   | 1003049     | PANEL, BLKHD #1                    |
| 2                                 | 1   | 1003143     | SPACER, TOP SKIN, BLKHD #1         |
| 3                                 | 1   | 1003663     | BRACKET, RH, SISTER KEEL, BLKHD #1 |
| 4                                 | 1   | 1003664     | BRACKET, LH, SISTER KEEL, BLKHD #1 |
| 5                                 | 12  | MS21047L4   | NUT PLATE, SELF LOCKING            |

**BULKHEAD ASSEMBLY 2**

| Parts List<br>BULKHEAD ASSEMBLY 2 |     |             |                                              |
|-----------------------------------|-----|-------------|----------------------------------------------|
| ITEM                              | QTY | PART NUMBER | DESCRIPTION                                  |
| 1                                 | 1   | 1002929     | PANEL, BULKHEAD #2                           |
| 2                                 | 1   | 1003225     | STIFFENER, NOSE BOX SUPPORT, LT, BULKHEAD #2 |
| 3                                 | 1   | 1003226     | STIFFENER, NOSE BOX SUPPORT, RH, BULKHEAD #2 |
| 6                                 | 1   | 1003731     | SUPPORT, NOSE BOX, LH, BULKHEAD 2            |
| 4                                 | 2   | 1003694     | CLEAT, BULKHEAD #2                           |
| 5                                 | 1   | 1003730     | SUPPORT, NOSE BOX, RH, BULKHEAD 2            |

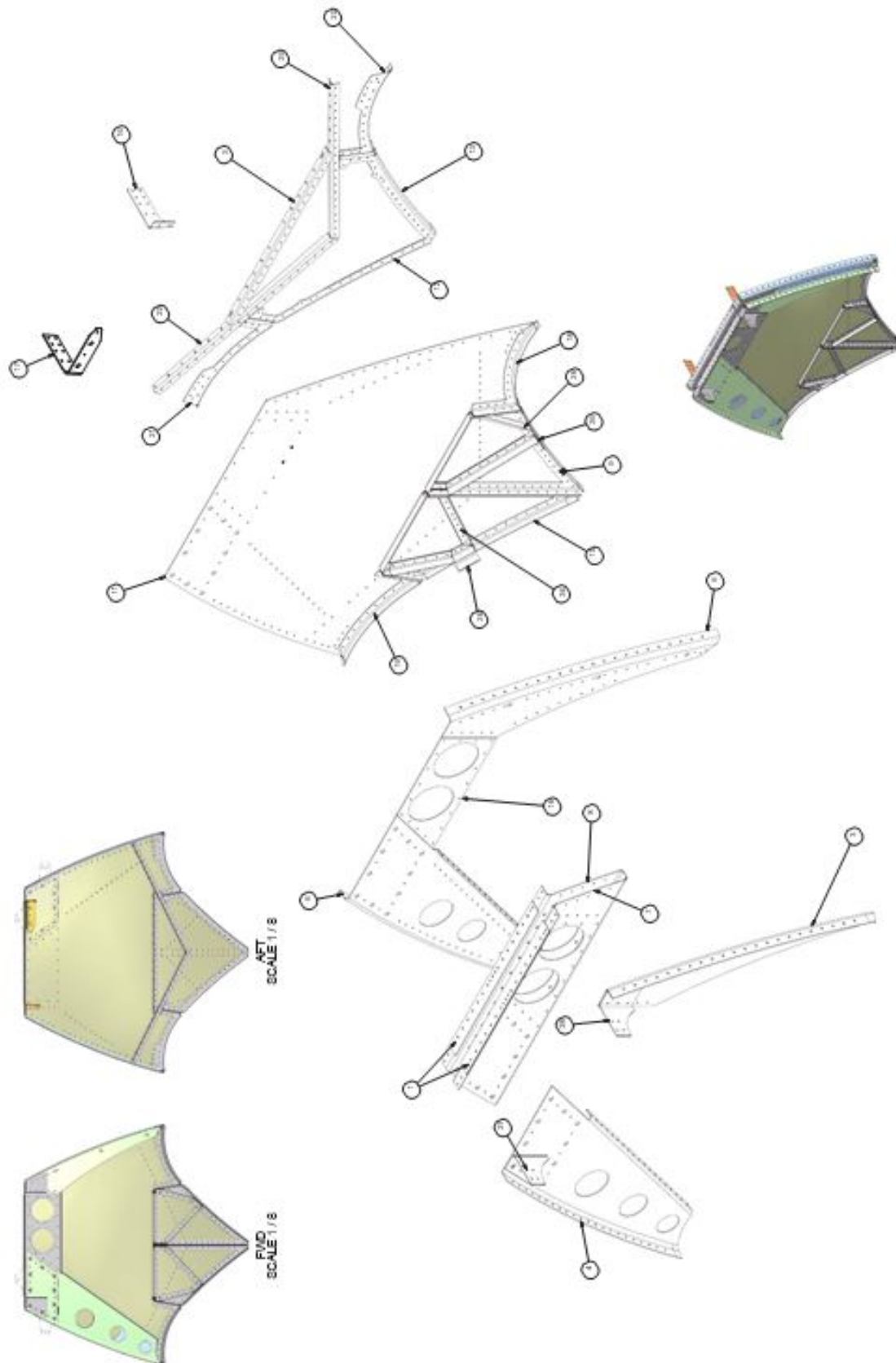
**BULKHEAD ASSEMBLY 3**

| Parts List<br>BULKHEAD ASSEMBLY 3 |     |             |                                      |
|-----------------------------------|-----|-------------|--------------------------------------|
| ITEM                              | QTY | PART NUMBER | DESCRIPTION                          |
| 1                                 | 1   | 1003095     | PANEL, LEFT, BLKHD #3                |
| 2                                 | 1   | 1003096     | PANEL, RIGHT, BLKHD #3               |
| 3                                 | 2   | 1003259     | CLEAT, BLKHD #3                      |
| 4                                 | 1   | 1003261     | CLEAT, HORIZ TIE, LH, BLKHD #3       |
| 5                                 | 1   | 1003262     | CLEAT, HORIZ TIE, RH, BLKHD #3       |
| 6                                 | 1   | 1003264     | STIFFENER, BLKHD #3                  |
| 7                                 | 1   | 1003735     | CLEAT, STIFFENER, LH, BLKHD #3, 7000 |
| 8                                 | 1   | 1003736     | CLEAT, STIFFENER, RH, BLKHD #3, 7000 |



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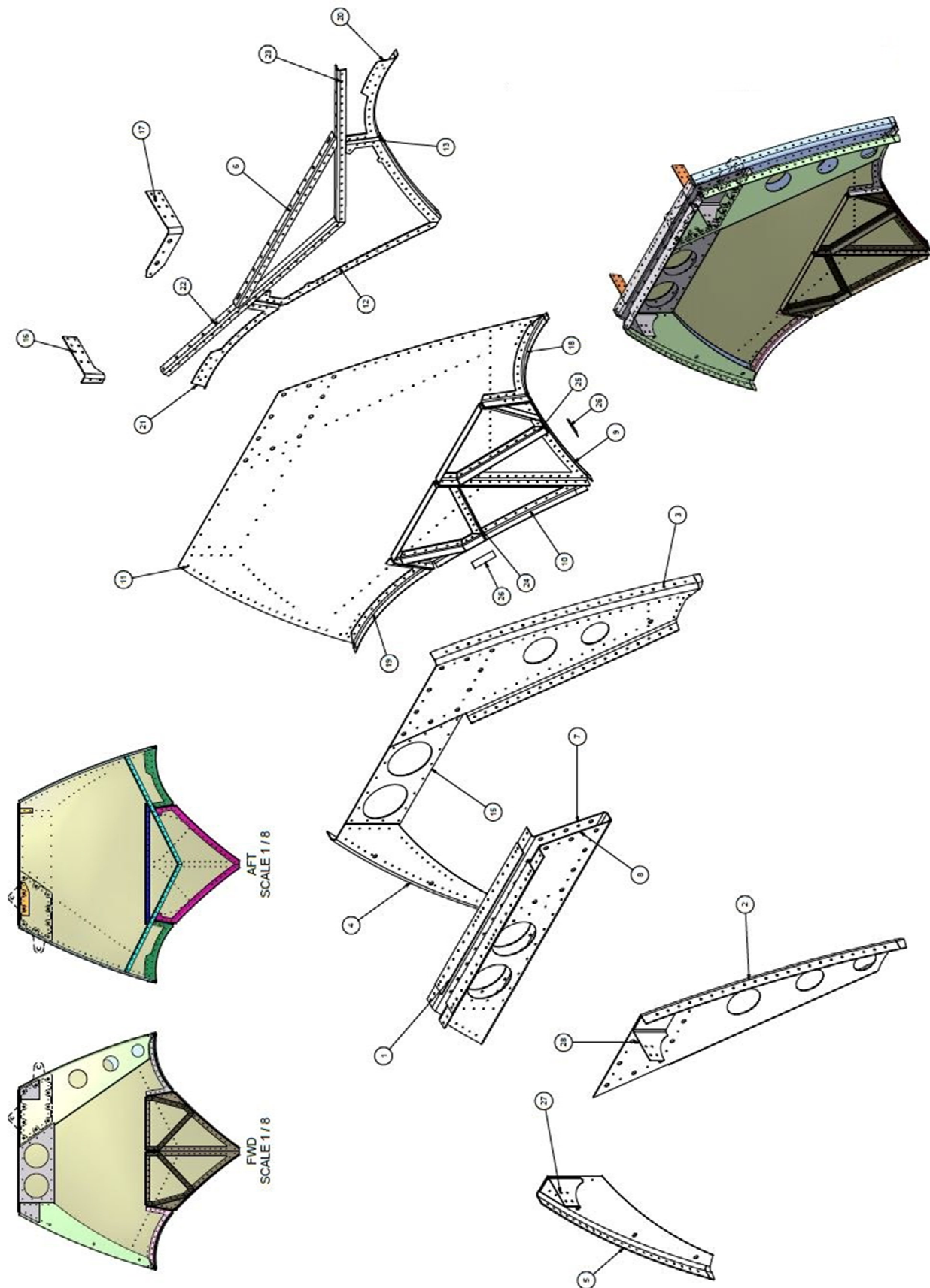
**BULKHEAD ASSEMBLY 4 LEFT FLOAT**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                     |     |             |                                                    |
|--------------------------------|-----|-------------|----------------------------------------------------|
| BULKHEAD ASSEMBLY 4 LEFT FLOAT |     |             |                                                    |
| ITEM                           | QTY | PART NUMBER | DESCRIPTION                                        |
| 1                              | 2   | 1002748     | SPACER, SUPER PANEL                                |
| 2                              | 1   | 1002940     | SUPPORT, BAGGAGE FLOOR, BULKHEAD 4, 5              |
| 3                              | 1   | 1002943     | LEG, SUPERPANEL, FWD, OBRD, BLKHD #04, LT FLT      |
| 4                              | 1   | 1002944     | LEG, SUPERPANEL, FWD, IBRD, BLKHD #04, LT FLT      |
| 5                              | 1   | 1002945     | LEG, SUPERPANEL, AFT, OBRD, BLKHD #04, LT FLT      |
| 6                              | 1   | 1002946     | LEG, SUPERPANEL, AFT, IBRD, BLKHD #04, LT FLT      |
| 7                              | 1   | 1002947     | BRACE, SUPERPANEL, BLKHD #04                       |
| 8                              | 1   | 1002948     | BRACE, SUPERPANEL, BLKHD #04                       |
| 9                              | 1   | 1002949     | FLUTE, FWD, LH, BLKHD #4                           |
| 10                             | 1   | 1002950     | FLUTE, FWD, RH, BLKHD #4                           |
| 11                             | 1   | 1002951     | PANEL, MAIN, BULKHEAD #4                           |
| 12                             | 1   | 1002952     | FLANGE, BOTTOM, CENTER, RH, BULKHEAD 4             |
| 13                             | 1   | 1002953     | FLANGE, BOTTOM, CENTER, LH, BULKHEAD 4             |
| 15                             | 1   | 1002955     | BRACE, DOUBLER, BLKHD #04                          |
| 16                             | 1   | 1003052     | CLEAT,BULKHEAD 4, LEFT FLOAT                       |
| 17                             | 1   | 1003059     | CLEAT, RH, IBRD, GUNWALL, BLKHD #04                |
| 18                             | 1   | 1003637     | FLANGE, BOTTOM, SIDE, FWD, LEFT, BLKHD 4, 7000     |
| 19                             | 1   | 1003638     | FLANGE, BOTTOM, SIDE, FWD, RIGHT, BLKHD 4, 7000    |
| 20                             | 1   | 1003641     | FLANGE, BOTTOM, SIDE, AFT, LH, BLKHD 4             |
| 21                             | 1   | 1003642     | FLANGE, BOTTOM, SIDE, AFT, RH, BLKHD 4             |
| 22                             | 1   | 1003643     | STIFFENER, DIAGONAL, RH, BAGGAGE FLOOR, BULKHEAD 4 |
| 23                             | 1   | 1003644     | STIFFENER, DIAGONAL, LH, BAGGAGE FLOOR, BULKHEAD 4 |
| 24                             | 1   | 1003645     | TRUSS, FLUTE SUPPORT, BULKHEAD                     |
| 25                             | 1   | 1003646     | TRUSS, FLUTE SUPPORT, BULKHEAD                     |
| 26                             | 2   | 1003811     | SHIM, BULKHEAD 4, 7000                             |
| 27                             | 1   | 1004246     | GUSSET, BULKHEAD 4, FWD, INBOARD, LEFT FLOAT       |
| 28                             | 1   | 1004248     | GUSSET, BULKHEAD 4, FWD, OUTBOARD, LEFT FLOAT      |

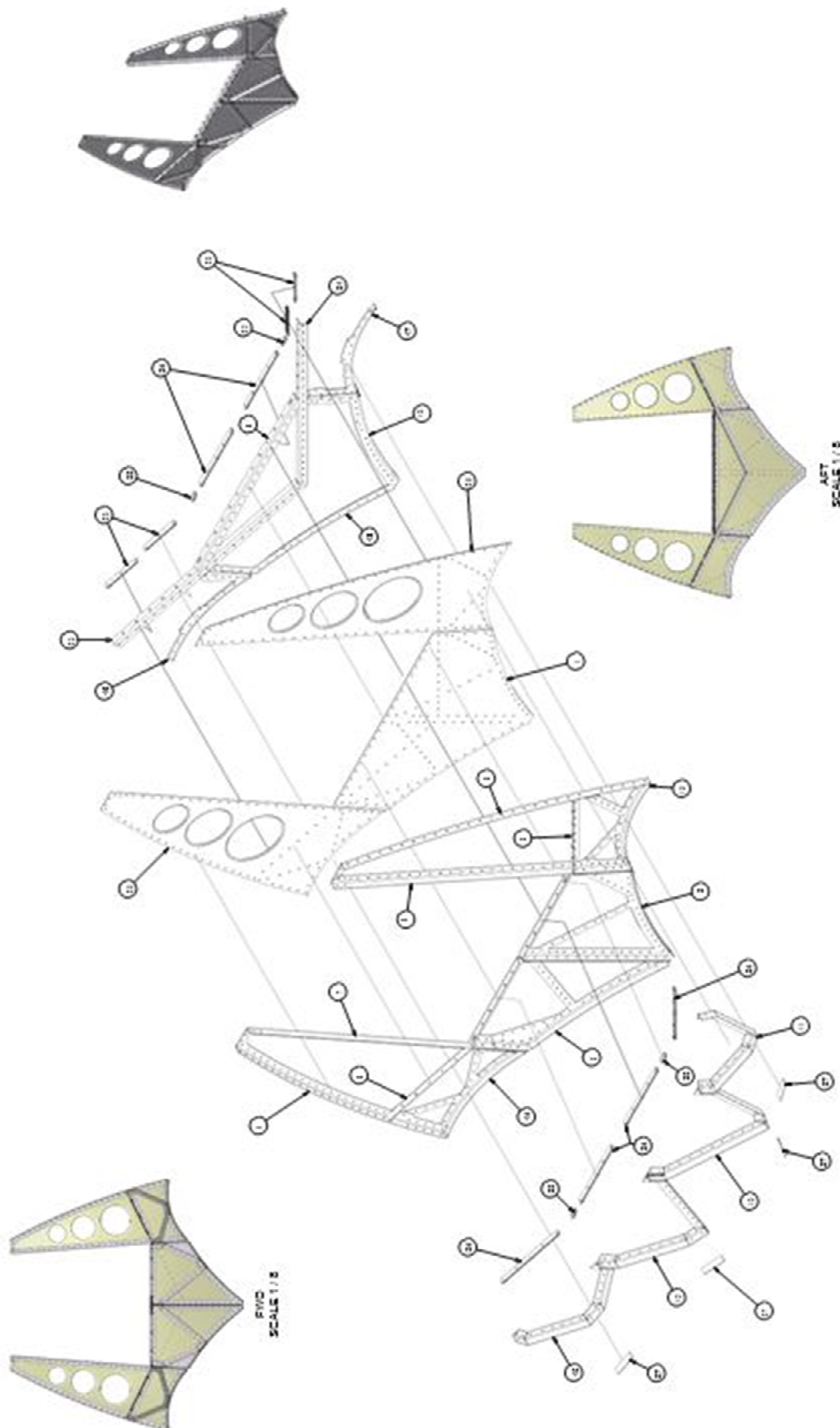
**BULKHEAD ASSEMBLY 4 RIGHT FLOAT**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                      |     |             |                                                    |
|---------------------------------|-----|-------------|----------------------------------------------------|
| BULKHEAD ASSEMBLY 4 RIGHT FLOAT |     |             |                                                    |
| ITEM                            | QTY | PART NUMBER | DESCRIPTION                                        |
| 1                               | 2   | 1002748     | SPACER, SUPER PANEL                                |
| 2                               | 1   | 1002911     | LEG, SUPERPANEL, FWD, IBRD, BLKHD #4, RT FLT       |
| 3                               | 1   | 1002912     | LEG, SUPERPANEL, AFT, IBRD, BLKHD #04, RT FLT      |
| 4                               | 1   | 1002915     | LEG, SUPERPANEL, AFT, OBRD, BLKHD #04, RT FLT      |
| 5                               | 1   | 1002916     | LEG, SUPERPANEL, FWD, OBRD, BLKHD #04, RT FLT      |
| 6                               | 1   | 1002940     | SUPPORT, BAGGAGE FLOOR, BULKHEAD 4, 5              |
| 7                               | 1   | 1002947     | BRACE, SUPERPANEL, BLKHD #04                       |
| 8                               | 1   | 1002948     | BRACE, SUPERPANEL, BLKHD #04                       |
| 9                               | 1   | 1002949     | FLUTE, FWD, LH, BLKHD #4                           |
| 10                              | 1   | 1002950     | FLUTE, FWD, RH, BLKHD #4                           |
| 11                              | 1   | 1002951     | PANEL, MAIN, BULKHEAD #4                           |
| 12                              | 1   | 1002952     | FLANGE, BOTTOM, CENTER, RH, BULKHEAD 4             |
| 13                              | 1   | 1002953     | FLANGE, BOTTOM, CENTER, LH, BULKHEAD 4             |
| 15                              | 1   | 1002955     | BRACE, DOUBLER, BLKHD #04                          |
| 16                              | 1   | 1003053     | CLEAT, BULKHEAD 4, RIGHT FLOAT                     |
| 17                              | 1   | 1003060     | CLEAT, LT, IB, GUNWALL, BLKHD #4                   |
| 18                              | 1   | 1003637     | FLANGE, BOTTOM, SIDE, FWD, LEFT, BLKHD 4, 7000     |
| 19                              | 1   | 1003638     | FLANGE, BOTTOM, SIDE, FWD, RIGHT, BLKHD 4, 7000    |
| 20                              | 1   | 1003641     | FLANGE, BOTTOM, SIDE, AFT, LH, BLKHD 4             |
| 21                              | 1   | 1003642     | FLANGE, BOTTOM, SIDE, AFT, RH, BLKHD 4             |
| 22                              | 1   | 1003643     | STIFFENER, DIAGONAL, RH, BAGGAGE FLOOR, BULKHEAD 4 |
| 23                              | 1   | 1003644     | STIFFENER, DIAGONAL, LH, BAGGAGE FLOOR, BULKHEAD 4 |
| 24                              | 1   | 1003645     | TRUSS, FLUTE SUPPORT, BULKHEAD                     |
| 25                              | 1   | 1003646     | TRUSS, FLUTE SUPPORT, BULKHEAD                     |
| 26                              | 2   | 1003811     | SHIM, BULKHEAD 4, 7000                             |
| 27                              | 1   | 1004249     | GUSSET, BULKHEAD 4, FWD, OUTBOARD, RIGHT FLOAT     |
| 28                              | 1   | 1004247     | GUSSET, BULKHEAD 4, FWD, INBOARD, RIGHT FLOAT      |

**BULKHEAD ASSEMBLY 5**



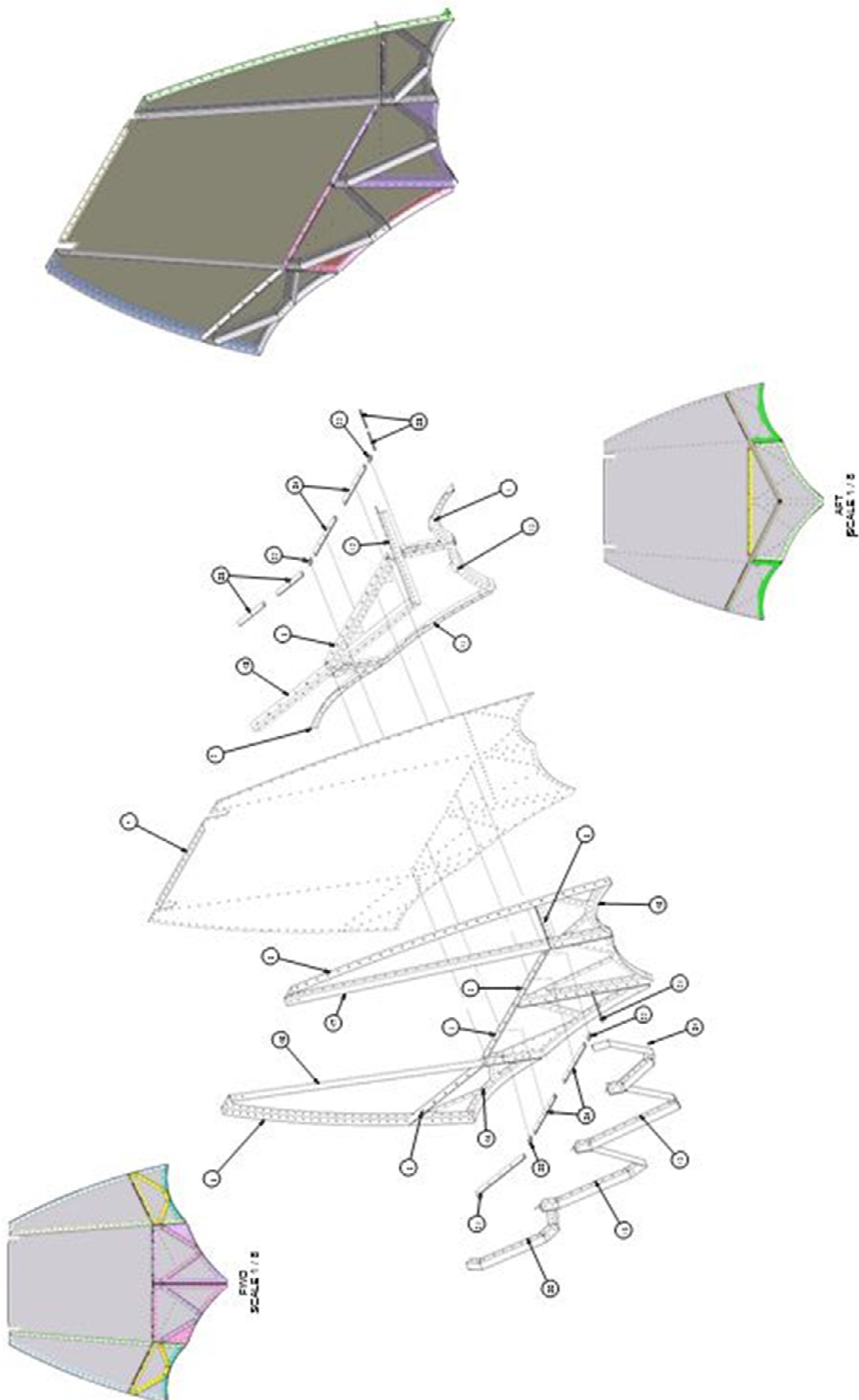
# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>BULKHEAD ASSEMBLY 5 |     |             |                                                     |
|-----------------------------------|-----|-------------|-----------------------------------------------------|
| ITEM                              | QTY | PART NUMBER | DESCRIPTION                                         |
| 1                                 | 1   | 1002881     | PANEL, MAIN, BULKHEAD #5                            |
| 2                                 | 1   | 1002897     | FLUTE, FWD, LH, BLKHD #5                            |
| 3                                 | 1   | 1002898     | FLUTE, FWD, RH, BLKHD #5                            |
| 4                                 | 1   | 1002899     | FLANGE, SIDE, BULKHEAD                              |
| 5                                 | 1   | 1002900     | FLANGE, SIDE, BULKHEAD                              |
| 6                                 | 1   | 1002940     | SUPPORT, BAGGAGE FLOOR, BULKHEAD 4, 5               |
| 7                                 | 1   | 1003608     | STIFFENER, VERTICAL, RH, BLKHD #5                   |
| 8                                 | 1   | 1003609     | STIFFENER, VERTICAL, LH, BLKHD #5                   |
| 9                                 | 2   | 1003611     | SUPPORT, BAGGAGE FLOOR SIDES, BULKHEAD #5           |
| 10                                | 1   | 1003612     | TRUSS, FLUTE SUPPORT, OBRD, RT, BLKHD #5            |
| 11                                | 1   | 1003613     | TRUSS, FLUTE SUPPORT, OBRD, LT, BLKHD #5            |
| 12                                | 1   | 1003614     | TRUSS, FLUTE SUPPORT, IBRD, RT, BLKHD #5            |
| 13                                | 1   | 1003615     | TRUSS, FLUTE SUPPORT, IBRD, LT, BLKHD #5            |
| 14                                | 1   | 1003616     | FLANGE, BOTTOM, SIDE, FWD, RH, BLKHD #5             |
| 15                                | 1   | 1003617     | FLANGE, BOTTOM, SIDE, FWD, LH, BLKHD #5             |
| 16                                | 1   | 1003618     | FLANGE, BOTTOM, SIDE, AFT, RH, BLKHD #5             |
| 17                                | 1   | 1003619     | FLANGE, BOTTOM, SIDE, AFT, LH, BLKHD #5             |
| 18                                | 1   | 1003620     | FLANGE, BOTTOM, CENTER, RH, BULKHEAD #5             |
| 19                                | 1   | 1003621     | FLANGE, BOTTOM, CENTER, LH, BULKHEAD #5             |
| 20                                | 1   | 1003622     | STIFFENER, DIAGONAL, RH, BAGGAGE FLOOR, BULKHEAD #5 |
| 21                                | 1   | 1003623     | STIFFENER, DIAGONAL, LH, BAGGAGE FLOOR, BULKHEAD #5 |
| 22                                | 4   | 1003691*    | NUTPLATE, CORROSION RESISTANT, SINGLE               |
| 23                                | 4   | 1003692*    | NUTPLATE, CORROSION RESISTANT, DOUBLE               |
| 24                                | 6   | 1003693*    | NUTPLATE, CORROSION RESISTANT, TRIPLE               |
| 25                                | 1   | 1003780     | PANEL, SIDE, RH, BULKHEAD #5                        |
| 26                                | 1   | 1003781     | PANEL, SIDE, LH, BULKHEAD #5                        |
| 27                                | 4   | 1003812     | SHIM, BULKHEAD #5, 7000                             |

\* ALTERNATE PART # 9A3-671 MAY BE USED



# BULKHEAD ASSEMBLY 6



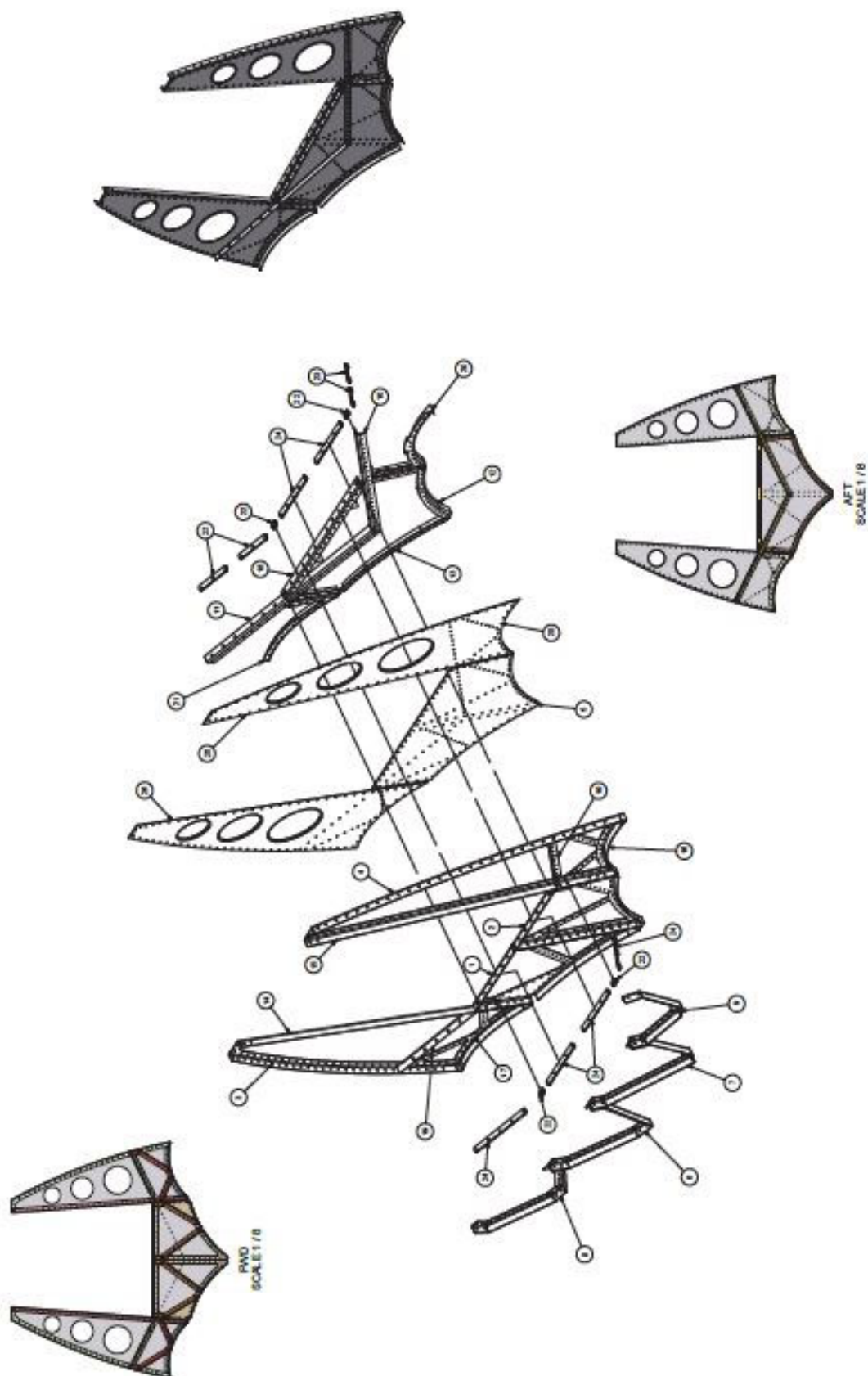


# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>BULKHEAD ASSEMBLY 6 |     |             |                                                    |
|-----------------------------------|-----|-------------|----------------------------------------------------|
| ITEM                              | QTY | PART NUMBER | DESCRIPTION                                        |
| 1                                 | 1   | 1002840     | FLANGE, BOTTOM, SIDE, AFT, LH, BLKHD 6             |
| 2                                 | 1   | 1002841     | FLANGE, BOTTOM, SIDE, AFT, RH, BLKHD 6             |
| 3                                 | 1   | 1002843     | FLUTE, FWD, RH, BLKHD #6                           |
| 4                                 | 1   | 1002844     | FLUTE, FWD, LH, BLKHD #6                           |
| 5                                 | 1   | 1002846     | FLANGE, SIDE, BULKHEAD                             |
| 6                                 | 1   | 1002847     | FLANGE, SIDE, BULKHEAD                             |
| 7                                 | 1   | 1002849     | PANEL, MAIN, BULKHEAD #6                           |
| 8                                 | 1   | 1002942     | SUPPORT, BAGGAGE FLOOR, BULKHEAD 6                 |
| 9                                 | 2   | 1003605     | SUPPORT, BAGGAGE FLOOR SIDES, BULKHEAD 6           |
| 10                                | 1   | 1003624     | FLANGE, BOTTOM, CENTER, LH, BULKHEAD 6             |
| 11                                | 1   | 1003625     | FLANGE, BOTTOM, CENTER, RH, BULKHEAD 6             |
| 12                                | 1   | 1003626     | STIFFENER, DIAGONAL, LH, BAGGAGE FLOOR, BULKHEAD 6 |
| 13                                | 1   | 1003627     | STIFFENER, DIAGONAL, RH, BAGGAGE FLOOR, BULKHEAD 6 |
| 14                                | 1   | 1003628     | FLANGE, BOTTOM, SIDE, FWD, RH, BLKHD 6             |
| 15                                | 1   | 1003629     | FLANGE, BOTTOM, SIDE, FWD, LH, BLKHD 6             |
| 16                                | 1   | 1003630     | STIFFENER, VERTICAL, RH, BLKHD 6                   |
| 17                                | 1   | 1003631     | STIFFENER, VERTICAL, LH, BLKHD 6                   |
| 18                                | 1   | 1003632     | TRUSS, FLUTE SUPPORT, IBRD, RT, BLKHD 6            |
| 19                                | 1   | 1003633     | TRUSS, FLUTE SUPPORT, IBRD, LT, BLKHD 6            |
| 20                                | 1   | 1003634     | TRUSS, FLUTE SUPPORT, RT, OBRD, BLKHD 6            |
| 21                                | 1   | 1003635     | TRUSS, FLUTE SUPPORT, LT, OBRD, BLKHD 6            |
| 22                                | 4   | 1003691*    | NUTPLATE, CORROSION RESISTANT, SINGLE              |
| 23                                | 4   | 1003692*    | NUTPLATE, CORROSION RESISTANT, DOUBLE              |
| 24                                | 6   | 1003693*    | NUTPLATE, CORROSION RESISTANT, TRIPLE              |

\* ALTERNATE PART # 9A3-671 MAY BE USED

**BULKHEAD ASSEMBLY 8**

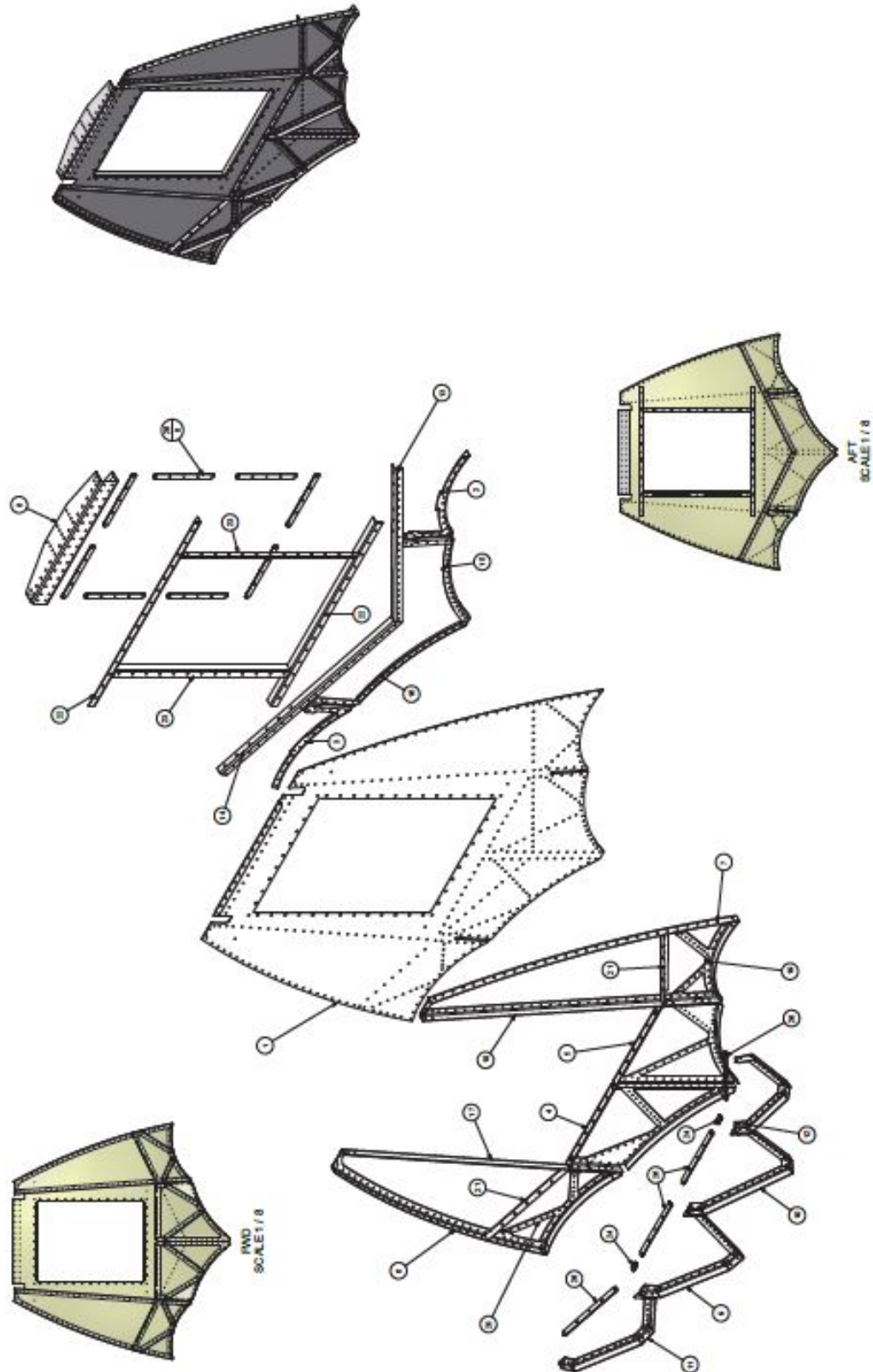


# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>BULKHEAD ASSEMBLY 8 |     |             |                                                        |
|-----------------------------------|-----|-------------|--------------------------------------------------------|
| ITEM                              | QTY | PART NUMBER | DESCRIPTION                                            |
| 1                                 | 1   | 1002873     | FLUTE, FWD, RH, BLKHD #9                               |
| 2                                 | 1   | 1002874     | FLUTE, FWD, LH, BLKHD #9                               |
| 3                                 | 1   | 1002875     | FLANGE, SIDE, BULKHEAD                                 |
| 4                                 | 1   | 1002876     | FLANGE, SIDE, BULKHEAD                                 |
| 5                                 | 1   | 1002891     | PANEL, MAIN, BULKHEAD #8                               |
| 6                                 | 1   | 1003550     | TRUSS, FLUTE SUPPORT, IBRD, RT, BLKHD 9                |
| 7                                 | 1   | 1003551     | TRUSS, FLUTE SUPPORT, IBRD, LT, BLKHD 9                |
| 8                                 | 1   | 1003552     | TRUSS, FLUTE SUPPORT, OBRD, RT, BLKHD 9                |
| 9                                 | 1   | 1003553     | TRUSS, FLUTE SUPPORT, OBRD, LT, BLKHD 9                |
| 10                                | 1   | 1003554     | STIFFENER, DIAGONAL, RH, BAGGAGE FLOOR, BULKHEAD 8 & 9 |
| 11                                | 1   | 1003555     | STIFFENER, DIAGONAL, LH, BAGGAGE FLOOR, BULKHEAD 8 & 9 |
| 12                                | 1   | 1003556     | FLANGE, BOTTOM, CENTER, LH, BULKHEAD 8, 9              |
| 13                                | 1   | 1003557     | FLANGE, BOTTOM, CENTER, RH, BULKHEAD 8, 9              |
| 14                                | 1   | 1003558     | STIFFENER, VERTICAL, RH, BLKHD #9                      |
| 15                                | 1   | 1003559     | STIFFENER, VERTICAL, LH, BLKHD #9                      |
| 16                                | 1   | 1003560     | FLANGE, BOTTOM, SIDE, FWD LH, BLKHD 8 & 9              |
| 17                                | 1   | 1003561     | FLANGE, BOTTOM, SIDE, FWD, RH, BLKHD 8 & 9             |
| 18                                | 1   | 1003562     | SUPPORT, BAGGAGE FLOOR, BULKHEAD 8                     |
| 19                                | 2   | 1003604     | SUPPORT, BAGGAGE FLOOR SIDES, BULKHEAD 8 & 9           |
| 20                                | 1   | 1003670     | FLANGE, BOTTOM, SIDE, AFT, LH, BLKHD 8                 |
| 21                                | 1   | 1003671     | FLANGE, BOTTOM, SIDE, AFT, RH, BLKHD 8                 |
| 22                                | 4   | 1003691*    | NUTPLATE, CORROSION RESISTANT, SINGLE                  |
| 23                                | 4   | 1003692*    | NUTPLATE, CORROSION RESISTANT, DOUBLE                  |
| 24                                | 6   | 1003693*    | NUTPLATE, CORROSION RESISTANT, TRIPLE                  |
| 25                                | 1   | 1003778     | PANEL, SIDE, LH, BULKHEAD #8                           |
| 26                                | 1   | 1003779     | PANEL, SIDE, RH, BULKHEAD #8                           |

\* ALTERNATE PART # 9A3-671 MAY BE USED

**BULKHEAD ASSEMBLY 9**



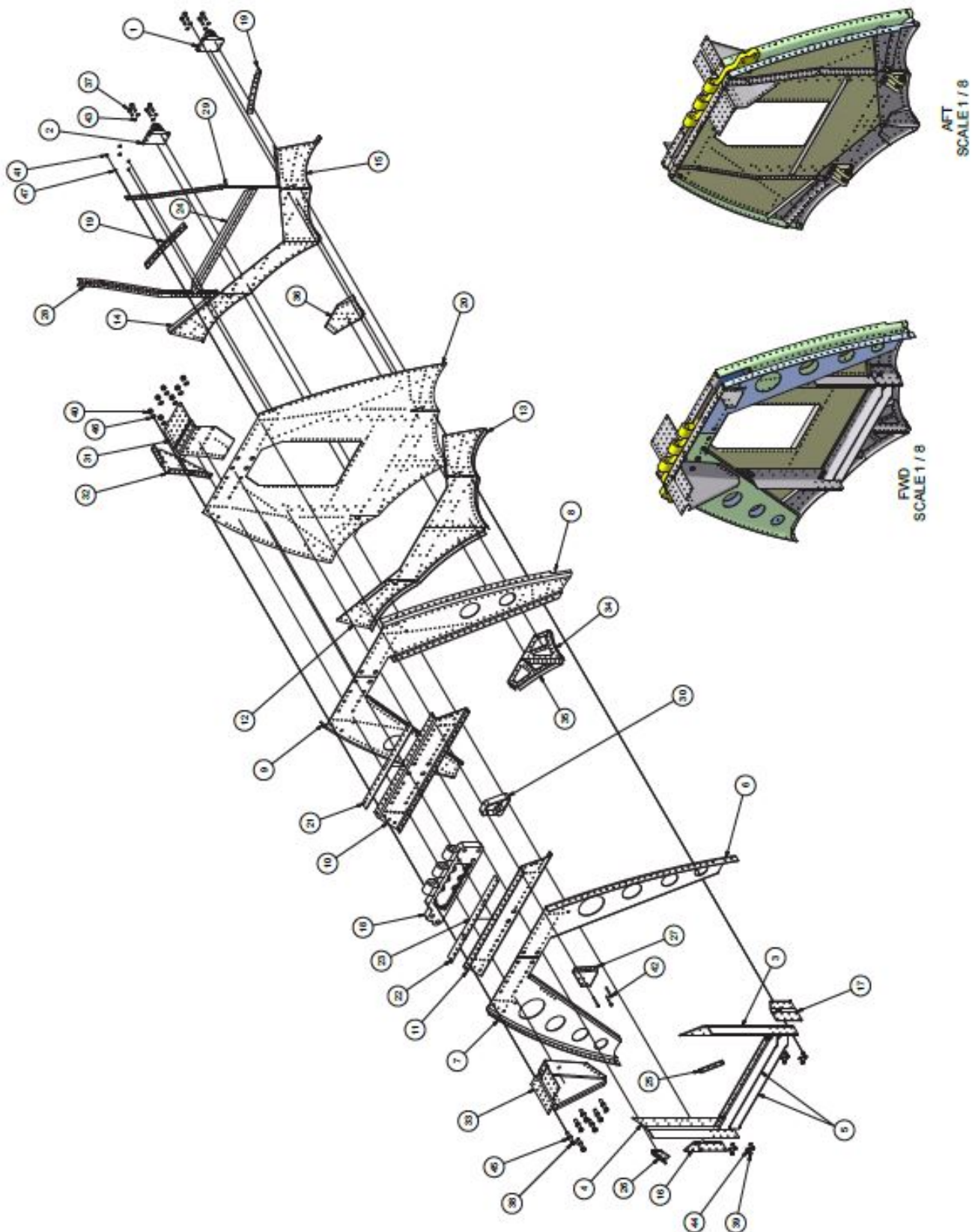
# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>BULKHEAD ASSEMBLY 9 |     |             |                                                        |
|-----------------------------------|-----|-------------|--------------------------------------------------------|
| ITEM                              | QTY | PART NUMBER | DESCRIPTION                                            |
| 1                                 | 1   | 1002859     | PANEL, MAIN, BULKHEAD #9                               |
| 2                                 | 1   | 1002871     | FLANGE, BOTTOM, SIDE, AFT, LH, BLKHD 9                 |
| 3                                 | 1   | 1002872     | FLANGE, BOTTOM, SIDE, AFT, RH, BLKHD 9                 |
| 4                                 | 1   | 1002873     | FLUTE, FWD, RH, BLKHD #9                               |
| 5                                 | 1   | 1002874     | FLUTE, FWD, LH, BLKHD #9                               |
| 6                                 | 1   | 1002875     | FLANGE, SIDE, BULKHEAD                                 |
| 7                                 | 1   | 1002876     | FLANGE, SIDE, BULKHEAD                                 |
| 8                                 | 1   | 1002973     | C-CHANNEL REINFORCMENT                                 |
| 9                                 | 1   | 1003550     | TRUSS, FLUTE SUPPORT, IBRD, RT, BLKHD 9                |
| 10                                | 1   | 1003551     | TRUSS, FLUTE SUPPORT, IBRD, LT, BLKHD 9                |
| 11                                | 1   | 1003552     | TRUSS, FLUTE SUPPORT, OBRD, RT, BLKHD 9                |
| 12                                | 1   | 1003553     | TRUSS, FLUTE SUPPORT, OBRD, LT, BLKHD 9                |
| 13                                | 1   | 1003554     | STIFFENER, DIAGONAL, RH, BAGGAGE FLOOR, BULKHEAD 8 & 9 |
| 14                                | 1   | 1003555     | STIFFENER, DIAGONAL, LH, BAGGAGE FLOOR, BULKHEAD 8 & 9 |
| 15                                | 1   | 1003556     | FLANGE, BOTTOM, CENTER, LH, BULKHEAD 8, 9              |
| 16                                | 1   | 1003557     | FLANGE, BOTTOM, CENTER, RH, BULKHEAD 8, 9              |
| 17                                | 1   | 1003558     | STIFFENER, VERTICAL, RH, BLKHD #9                      |
| 18                                | 1   | 1003559     | STIFFENER, VERTICAL, LH, BLKHD #9                      |
| 19                                | 1   | 1003560     | FLANGE, BOTTOM, SIDE, FWD LH, BLKHD 8 & 9              |
| 20                                | 1   | 1003561     | FLANGE, BOTTOM, SIDE, FWD, RH, BLKHD 8 & 9             |
| 21                                | 2   | 1003604     | SUPPORT, BAGGAGE FLOOR SIDES, BULKHEAD 8 & 9           |
| 22                                | 2   | 1003689     | STIFFENER, HORIZONTAL, ACCESS PANEL, BULKHEAD 9        |
| 23                                | 2   | 1003690     | STIFFENER, VERTICAL, ACCESS PANEL, BULKHEAD 9          |
| 24                                | 2   | 1003691*    | NUTPLATE, CORROSION RESISTANT, SINGLE                  |
| 26                                | 12  | 1003693*    | NUTPLATE, CORROSION RESISTANT, TRIPLE                  |

\*ALTERNATE PART # 9A3-671 MAY BE USED



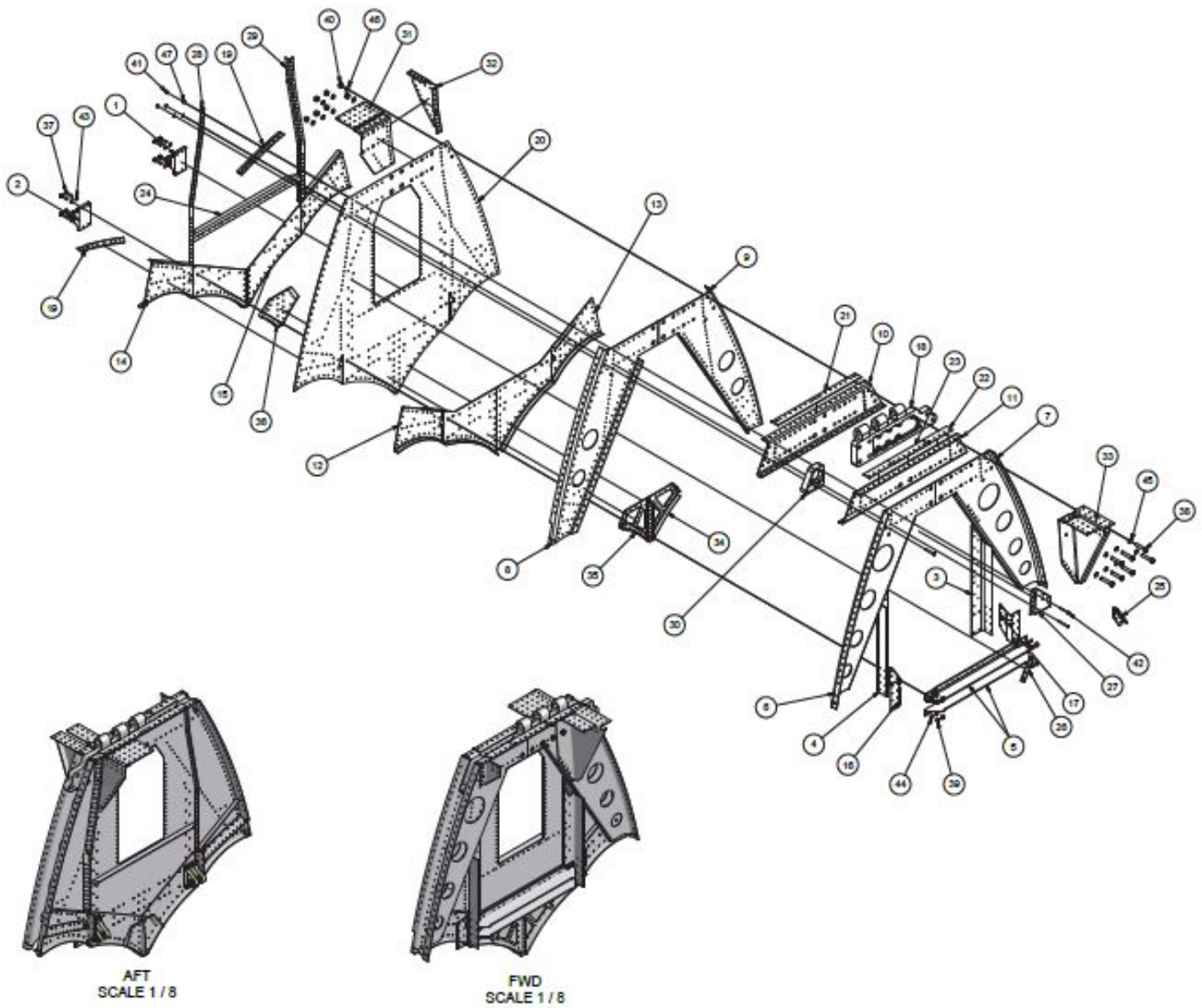
**BULKHEAD ASSEMBLY 10 LEFT FLOAT**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>BULKHEAD ASSEMBLY 10 LEFT FLOAT |     |               |                                                    |
|-----------------------------------------------|-----|---------------|----------------------------------------------------|
| ITEM                                          | QTY | PART NUMBER   | DESCRIPTION                                        |
| 1                                             | 1   | 1002706       | ASSEMBLY, TRUNION, LH                              |
| 2                                             | 1   | 1002708       | ASSEMBLY, TRUNION, RH                              |
| 3                                             | 1   | 1002709       | ANGLE, TRUNION, LH, BLKHD #10                      |
| 4                                             | 1   | 1002710       | ANGLE, TRUNION, RH, BLKHD #10                      |
| 5                                             | 2   | 1002712       | ANGLE, TRUNION, HORIZONTAL, BLKHD #10              |
| 6                                             | 1   | 1002714       | LEG, SUPERPANEL, FWD, OBRD, BLKHD #10, LT FLT      |
| 7                                             | 1   | 1002718       | LEG, SUPERPANEL, FWD, IBRD, BLKHD #10, LT FLT      |
| 8                                             | 1   | 1002721       | LEG, SUPERPANEL, AFT, OBRD, BLKHD #10, LT FLT      |
| 9                                             | 1   | 1002724       | LEG, SUPERPANEL, AFT, IBRD, BLKHD #10, LT FLT      |
| 10                                            | 1   | 1002725       | BRACE, SUPERPANEL, AFT, BLKHD #10, LT FLT          |
| 11                                            | 1   | 1002727       | BRACE, SUPERPANEL, FWD, BLKHD #10, LT FLT          |
| 12                                            | 1   | 1002730       | FLUTE, FWD, RH, BULKHEAD #10                       |
| 13                                            | 1   | 1002731       | FLUTE, FWD, LH, BULKHEAD #10                       |
| 14                                            | 1   | 1002734       | FLUTE, AFT, RH, BULKHEAD #10                       |
| 15                                            | 1   | 1002735       | FLUTE, AFT, LH, BULKHEAD #10                       |
| 16                                            | 1   | 1002736       | ANGLE, FWD FLUTE, RH, BULKHEAD #10                 |
| 17                                            | 1   | 1002737       | ANGLE, FWD FLUTE, LH, BULKHEAD #10                 |
| 18                                            | 1   | 1002738       | FITTING, MAIN STRUT, BULKHEAD #10                  |
| 19                                            | 2   | 1002740       | ANGLE, ATTACH, BTM SKIN, BLKHD #10                 |
| 20                                            | 1   | 1002741       | PANEL, MAIN, BULKHEAD #10                          |
| 21                                            | 1   | 1002748       | SPACER, SUPER PANEL                                |
| 22                                            | 2   | 1002965       | SPACER, SUPER PANEL                                |
| 23                                            | 1   | 1002976       | SPACER, FINGER PATCH                               |
| 24                                            | 1   | 1002978       | STIFFENER, HORIZONTAL, BULKHEAD #10                |
| 25                                            | 1   | 1003105       | CLEAT, SUPERPANEL, LH, BULKHEAD #10                |
| 26                                            | 1   | 1003108       | CLEAT, SUPERPANEL, RH, BULKHEAD #10                |
| 27                                            | 1   | 1003544       | CLEAT, GUN RAIL, BULKHEAD 10, OUTBOARD, LEFT FLOAT |
| 28                                            | 1   | 1003606       | ANGLE, ATTACH, WHEEL WELL, RH, BH #10              |
| 29                                            | 1   | 1003607       | ANGLE, ATTACH, WHEEL WELL, LH, BH #10              |
| 30                                            | 1   | 1004191       | SPACER, SUPERPANEL, OUTBOARD                       |
| 31                                            | 1   | 1004227       | GUSSET, LH, BH10, WHEEL WELL                       |
| 32                                            | 1   | 1004229       | GUSSET, SIDE, LH, WHEEL WELL                       |
| 33                                            | 1   | 1004231       | GUSSET, LARGE, LH, BH11                            |
| 34                                            | 1   | 1004822       | REINFORCEMENT, STEP BULKHEAD, LH                   |
| 35                                            | 1   | 1004823       | REINFORCEMENT, STEP BULKHEAD, RH                   |
| 36                                            | 1   | 1004828       | SUPPORT, BULKHEAD & KEEL                           |
| 37                                            | 8   | AN4-11A       | BOLT                                               |
| 38                                            | 7   | AN6-17A       | BOLT                                               |
| 39                                            | 8   | MS21044N4     | NUT                                                |
| 40                                            | 7   | MS21044N6     | NUT                                                |
| 41                                            | 3   | MS21083N08    | NUT                                                |
| 42                                            | 3   | MS35206-252   | MACHINE SCREW 832 - 1.75                           |
| 43                                            | 8   | NAS1149D0416J | WASHER                                             |
| 44                                            | 8   | NAS1149D0463J | WASHER                                             |
| 45                                            | 7   | NAS1149D0616J | WASHER                                             |
| 46                                            | 7   | NAS1149D0663J | WASHER                                             |
| 47                                            | 3   | NAS1149DN832J | WASHER                                             |

**BULKHEAD ASSEMBLY 10 RIGHT FLOAT**

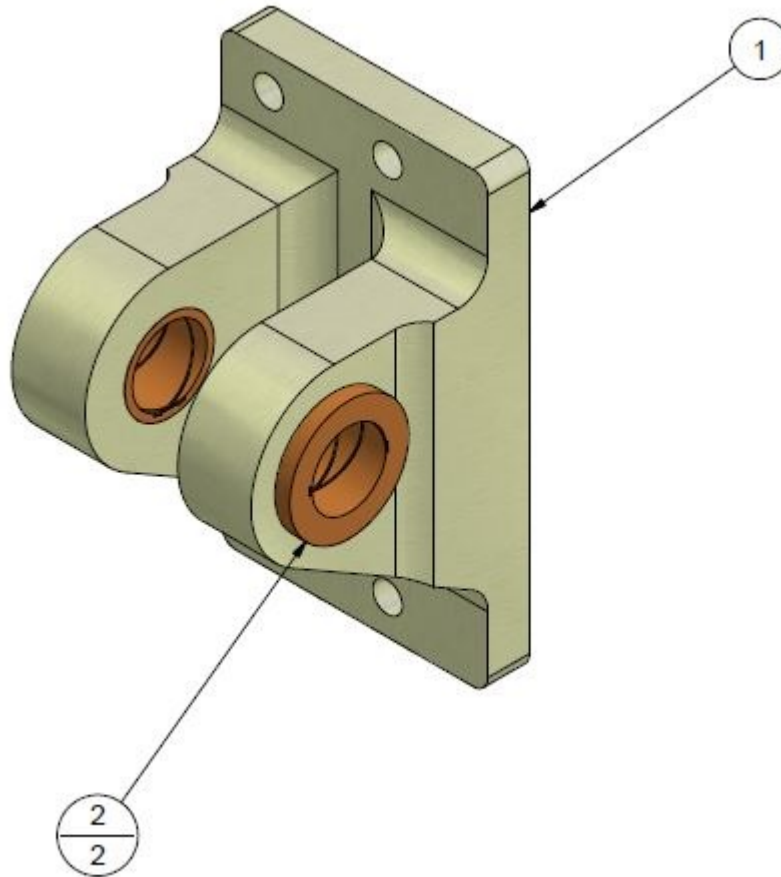




# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

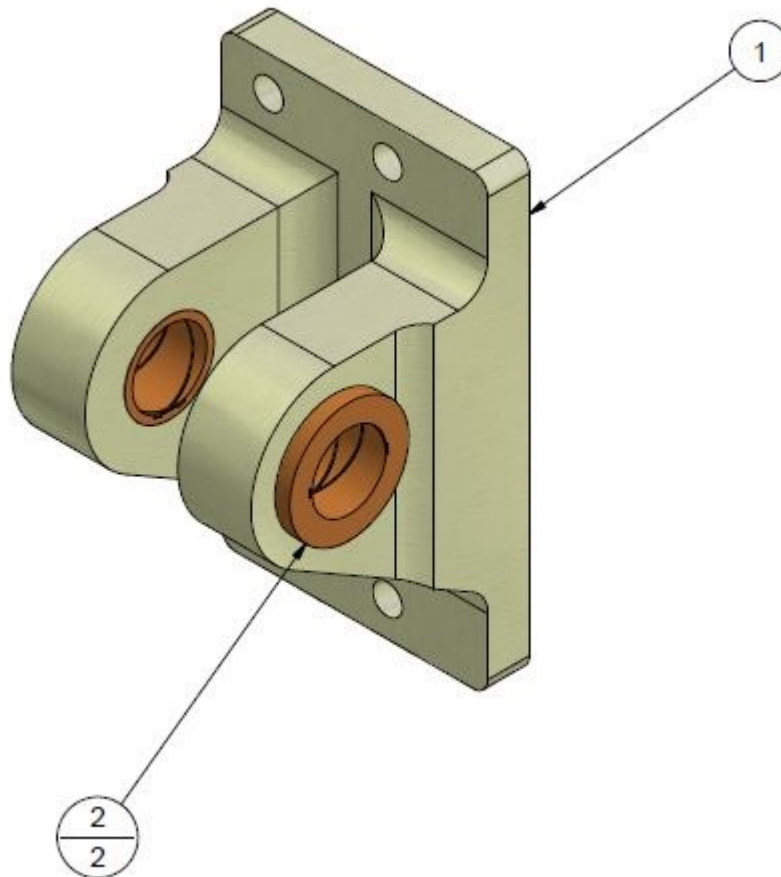
| Parts List                       |     |               |                                                     |
|----------------------------------|-----|---------------|-----------------------------------------------------|
| BULKHEAD ASSEMBLY 10 RIGHT FLOAT |     |               |                                                     |
| ITEM                             | QTY | PART NUMBER   | DESCRIPTION                                         |
| 1                                | 1   | 1002706       | ASSEMBLY, TRUNION, LH                               |
| 2                                | 1   | 1002708       | ASSEMBLY, TRUNION, RH                               |
| 3                                | 1   | 1002709       | ANGLE, TRUNION, LH, BLKHD #10                       |
| 4                                | 1   | 1002710       | ANGLE, TRUNION, RH, BLKHD #10                       |
| 5                                | 2   | 1002712       | ANGLE, TRUNION, HORIZONTAL, BLKHD #10               |
| 6                                | 1   | 1002715       | LEG, SUPERPANEL, FWD, OBRD, BLKHD #10, RT FLT       |
| 7                                | 1   | 1002717       | LEG, SUPERPANEL, FWD, IBRD, BLKHD #10, RT FLT       |
| 8                                | 1   | 1002720       | LEG, SUPERPANEL, AFT, OBRD, BLKHD #10, RT FLT       |
| 9                                | 1   | 1002723       | LEG, SUPERPANEL, AFT, IBRD, BLKHD #10, RT FLT       |
| 10                               | 1   | 1002726       | BRACE, SUPERPANEL, AFT, BLKHD #10, RT FLT           |
| 11                               | 1   | 1002728       | BRACE, SUPERPANEL, FWD, BLKHD #10, RT FLT           |
| 12                               | 1   | 1002730       | FLUTE, FWD, RH, BULKHEAD #10                        |
| 13                               | 1   | 1002731       | FLUTE, FWD, LH, BULKHEAD #10                        |
| 14                               | 1   | 1002734       | FLUTE, AFT, RH, BULKHEAD #10                        |
| 15                               | 1   | 1002735       | FLUTE, AFT, LH, BULKHEAD #10                        |
| 16                               | 1   | 1002736       | ANGLE, FWD FLUTE, RH, BULKHEAD #10                  |
| 17                               | 1   | 1002737       | ANGLE, FWD FLUTE, LH, BULKHEAD #10                  |
| 18                               | 1   | 1002738       | FITTING, MAIN STRUT, BULKHEAD #10                   |
| 19                               | 2   | 1002740       | ANGLE, ATTACH, BTM SKIN, BLKHD #10                  |
| 20                               | 1   | 1002741       | PANEL, MAIN, BULKHEAD #10                           |
| 21                               | 1   | 1002748       | SPACER, SUPER PANEL                                 |
| 22                               | 2   | 1002965       | SPACER, SUPER PANEL                                 |
| 23                               | 1   | 1002976       | SPACER, FINGER PATCH                                |
| 24                               | 1   | 1002978       | STIFFENER, HORIZONTAL, BULKHEAD #10                 |
| 25                               | 1   | 1003105       | CLEAT, SUPERPANEL, LH, BULKHEAD #10                 |
| 26                               | 1   | 1003108       | CLEAT, SUPERPANEL, RH, BULKHEAD #10                 |
| 27                               | 1   | 1003545       | CLEAT, GUN RAIL, BULKHEAD 10, OUTBOARD, RIGHT FLOAT |
| 28                               | 1   | 1003606       | ANGLE, ATTACH, WHEEL WELL, RH, BH #10               |
| 29                               | 1   | 1003607       | ANGLE, ATTACH, WHEEL WELL, LH, BH #10               |
| 30                               | 1   | 1004191       | SPACER, SUPERPANEL, OUTBOARD                        |
| 31                               | 1   | 1004228       | GUSSET, RH, BH10, WHEEL WELL                        |
| 32                               | 1   | 1004230       | GUSSET, SIDE, RH, WHEEL WELL                        |
| 33                               | 1   | 1004232       | GUSSET, LARGE, RH, BH11                             |
| 34                               | 1   | 1004822       | REINFORCEMENT, STEP BULKHEAD, LH                    |
| 35                               | 1   | 1004823       | REINFORCEMENT, STEP BULKHEAD, RH                    |
| 36                               | 1   | 1004828       | SUPPORT, BULKHEAD & KEEL                            |
| 37                               | 8   | AN4-11A       | BOLT                                                |
| 38                               | 7   | AN6-17A       | BOLT                                                |
| 39                               | 8   | MS21044N4     | NUT                                                 |
| 40                               | 7   | MS21044N6     | NUT                                                 |
| 41                               | 3   | MS21083N08    | NUT                                                 |
| 42                               | 3   | MS35206-252   | MACHINE SCREW 832 - 1.75                            |
| 43                               | 8   | NAS1149D0416J | WASHER                                              |
| 44                               | 8   | NAS1149D0463J | WASHER                                              |
| 45                               | 7   | NAS1149D0616J | WASHER                                              |
| 46                               | 7   | NAS1149D0663J | WASHER                                              |
| 47                               | 3   | NAS1149DN832J | WASHER                                              |

**TRUNION ASSEMBLY LEFT**



| Parts List<br>TRUNION ASSEMBLY LEFT |     |             |                    |
|-------------------------------------|-----|-------------|--------------------|
| ITEM                                | QTY | PART NUMBER | DESCRIPTION        |
| 1                                   | 1   | 1002705     | TRUNION, LEFT      |
| 2                                   | 2   | 1003729     | OIL GROOVE BUSHING |

**TRUNION ASSEMBLY RIGHT**



**PARTS LIST**

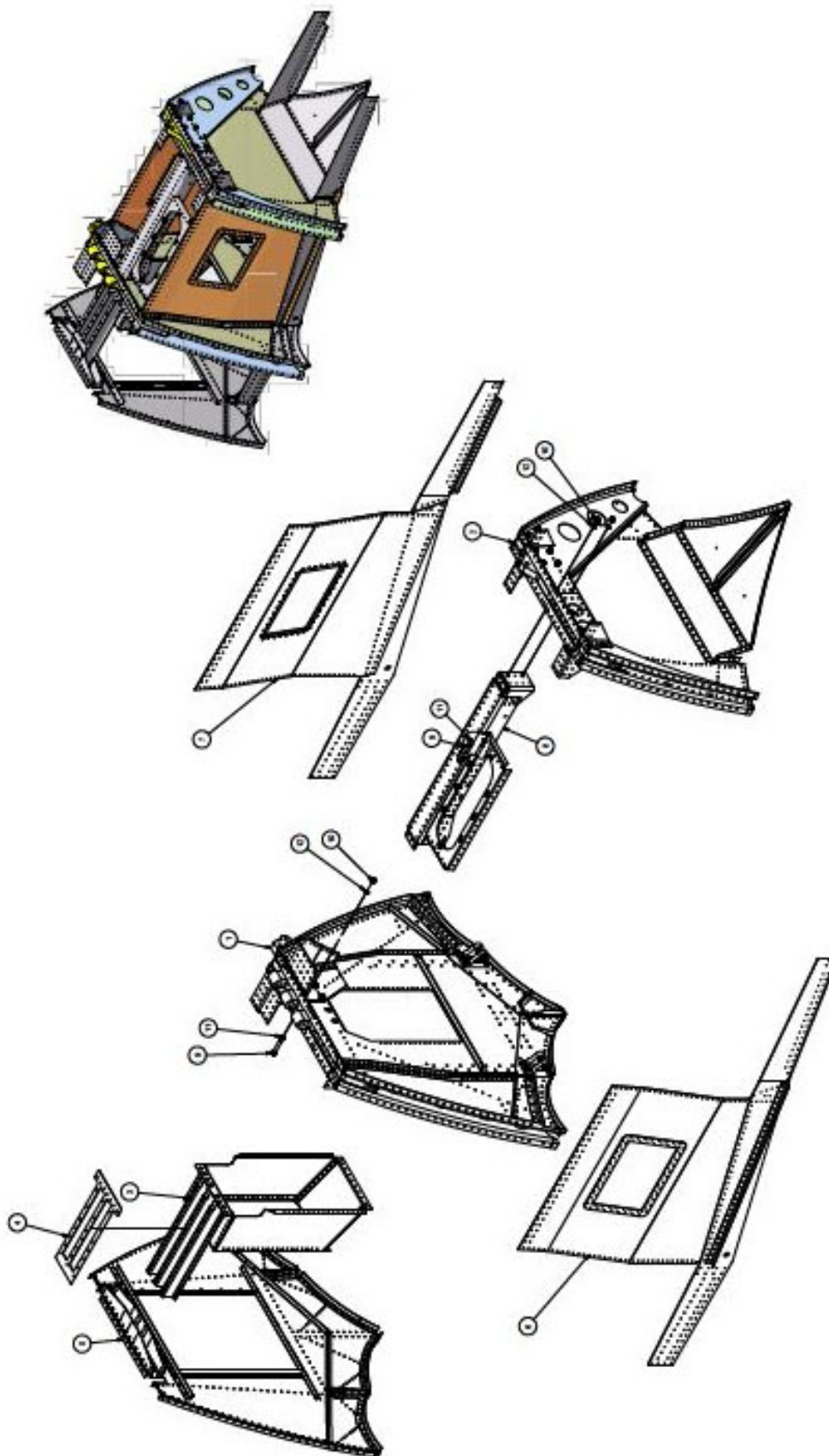
**TRUNION ASSEMBLY RIGHT**

| ITEM | QTY | PART NUMBER | DESCRIPTION        |
|------|-----|-------------|--------------------|
| 1    | 1   | 1002707     | TRUNION, RIGHT     |
| 2    | 2   | 1003729     | OIL GROOVE BUSHING |

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## **SECTION 4: WHEEL WELL**

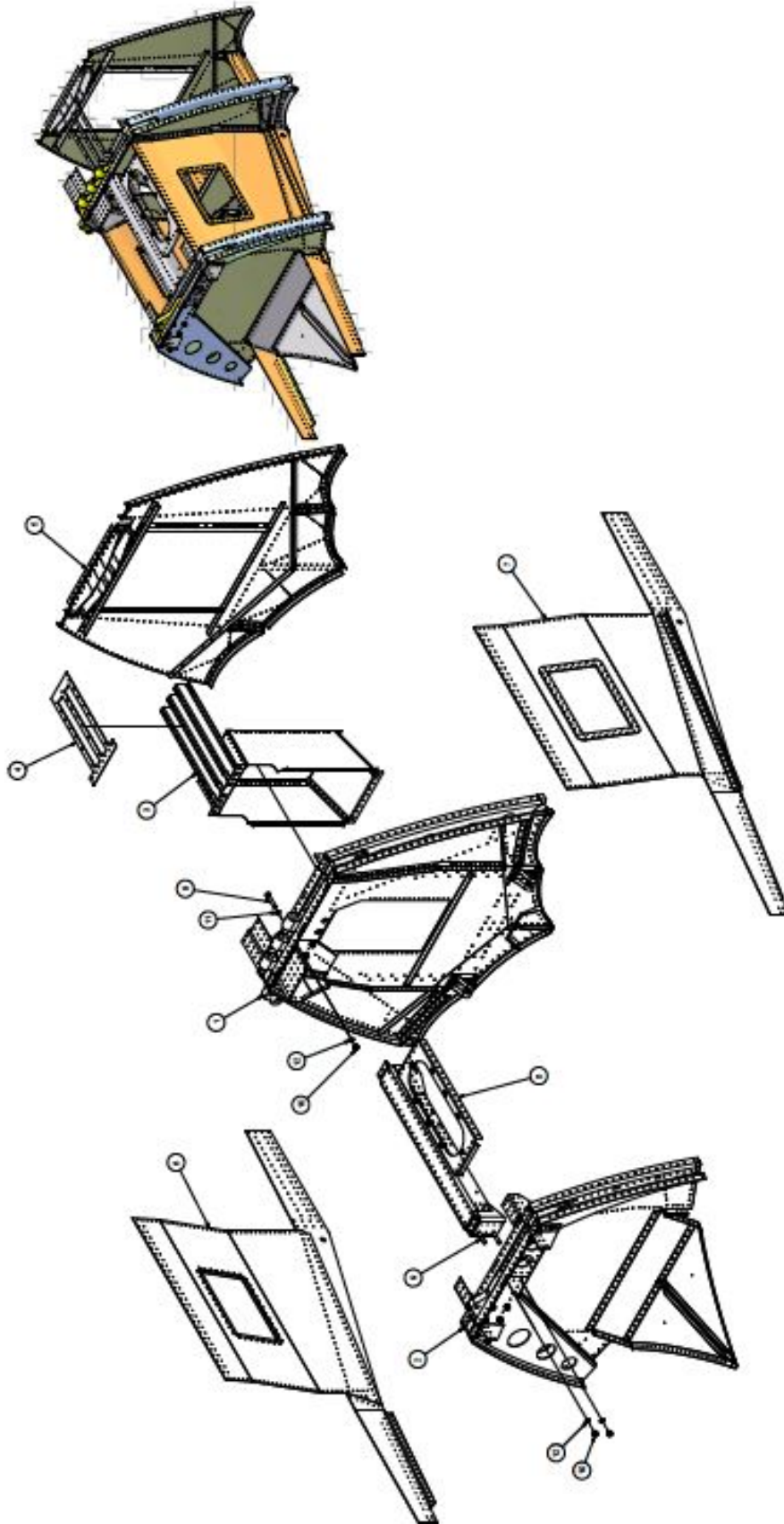
**WHEEL WELL ASSEMBLY LEFT FLOAT**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                     |     |               |                                               |
|--------------------------------|-----|---------------|-----------------------------------------------|
| WHEEL WELL ASSEMBLY LEFT FLOAT |     |               |                                               |
| ITEM                           | QTY | PART NUMBER   | DESCRIPTION                                   |
| 1                              | 1   | 1002745       | ASSEMBLY,BULKHEAD 10, LEFT FLOAT              |
| 2                              | 1   | 1002765       | ASSEMBLY, BULKHEAD 11, LEFT FLOAT, 7000       |
| 3                              | 1   | 1002972       | ASSEMBLY, GEAR TUNNEL                         |
| 4                              | 1   | 1002975       | FINGER JOINT, BLKHD #10                       |
| 5                              | 1   | 1003043       | ASSEMBLY, BULKHEAD 9                          |
| 6                              | 1   | 1003878       | ASSEMBLY, WHEEL WELL PNL CARRY THRU STRAP, LT |
| 7                              | 1   | 1003879       | ASSEMBLY, WHEEL WELL PNL CARRY THRU STRAP, RT |
| 8                              | 1   | 1004075       | ASSEMBLY, CHANNEL, LH, MAIN GEAR              |
| 9                              | 3   | AN6-20A       | BOLT                                          |
| 10                             | 3   | MS21044N6     | NUT                                           |
| 11                             | 3   | NAS1149F0632P | WASHER                                        |
| 12                             | 3   | NAS1149F0663P | WASHER                                        |

**WHEEL WELL ASSEMBLY RIGHT FLOAT**

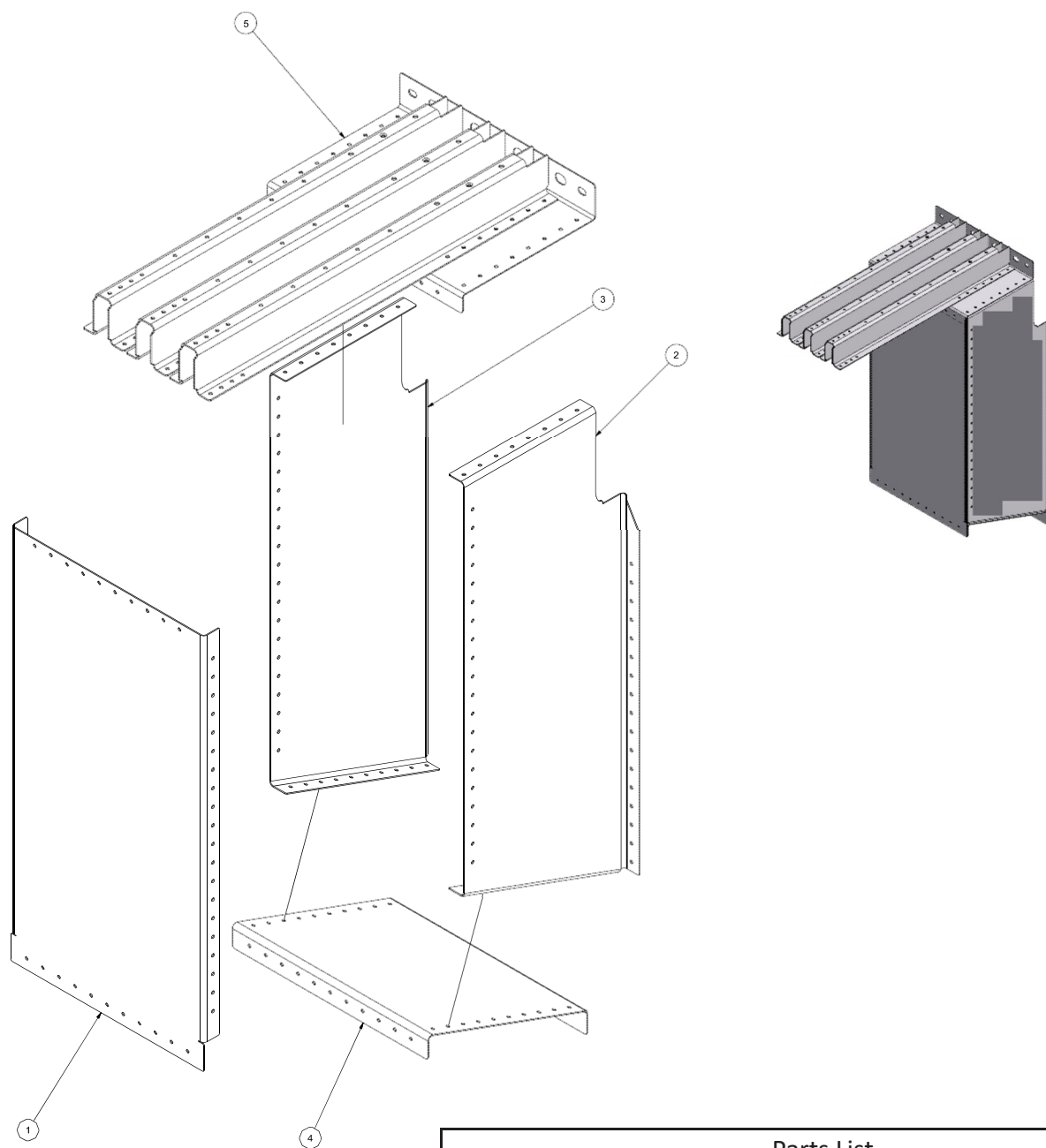




# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

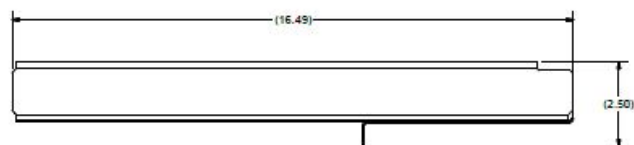
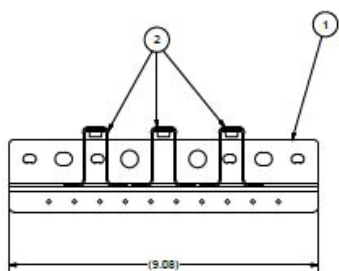
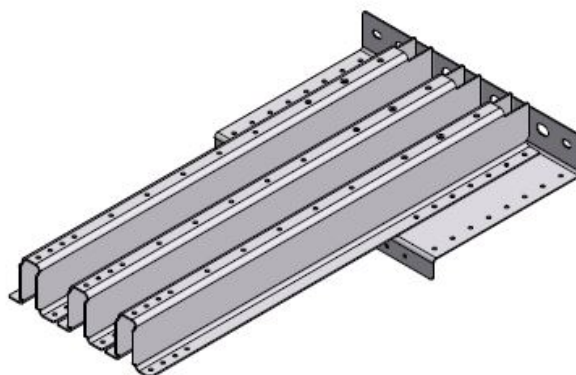
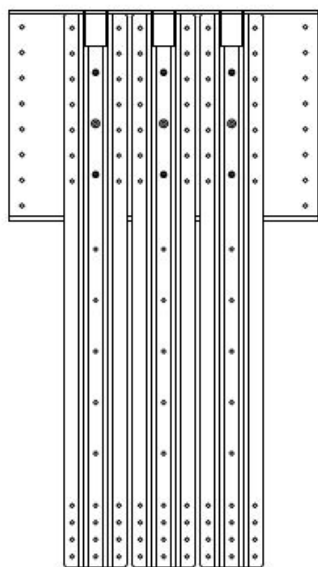
| Parts List                      |     |               |                                               |
|---------------------------------|-----|---------------|-----------------------------------------------|
| WHEEL WELL ASSEMBLY RIGHT FLOAT |     |               |                                               |
| ITEM                            | QTY | PART NUMBER   | DESCRIPTION                                   |
| 1                               | 1   | 1002746       | ASSEMBLY, BULKHEAD 10, RIGHT FLOAT, 7000      |
| 2                               | 1   | 1002766       | ASSEMBLY, BULKHEAD 11, RIGHT FLOAT, 7000      |
| 3                               | 1   | 1002972       | ASSEMBLY, GEAR TUNNEL                         |
| 4                               | 1   | 1002975       | FINGER JOINT, BLKHD #10                       |
| 5                               | 1   | 1003043       | ASSEMBLY, BULKHEAD 9                          |
| 6                               | 1   | 1003878       | ASSEMBLY, WHEEL WELL PNL CARRY THRU STRAP, LT |
| 7                               | 1   | 1003879       | ASSEMBLY, WHEEL WELL PNL CARRY THRU STRAP, RT |
| 8                               | 1   | 1004076       | ASSEMBLY, CHANNEL, RH, MAIN GEAR              |
| 9                               | 3   | AN6-20A       | BOLT                                          |
| 10                              | 3   | MS21044N6     | NUT                                           |
| 11                              | 3   | NAS1149F0632P | WASHER                                        |
| 12                              | 3   | NAS1149F0663P | WASHER                                        |

## GEAR TUNNEL ASSEMBLY

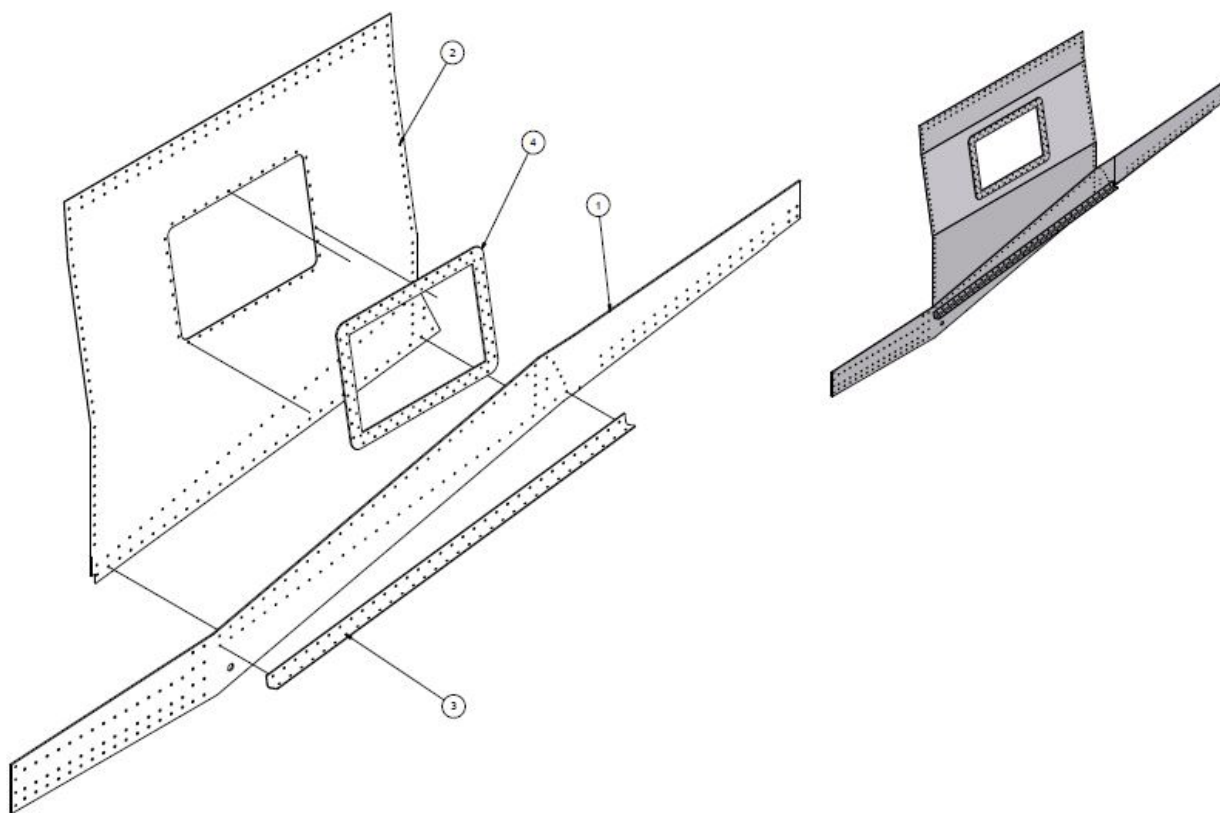


| Parts List<br>GEAR TUNNEL ASSEMBLY |     |             |                           |
|------------------------------------|-----|-------------|---------------------------|
| ITEM                               | QTY | PART NUMBER | DESCRIPTION               |
| 1                                  | 1   | 1002966     | WALL, FWD, GEAR TUNNEL    |
| 2                                  | 1   | 1002967     | SIDE, LT, GEAR TUNNEL     |
| 3                                  | 1   | 1002968     | SIDE, RT, GEAR TUNNEL     |
| 4                                  | 1   | 1002970     | BOTTOM, GEAR TUNNEL       |
| 5                                  | 1   | 1003810     | ASSEMBLY, GEAR TUNNEL TOP |

# GEAR TUNNEL ASSEMBLY TOP

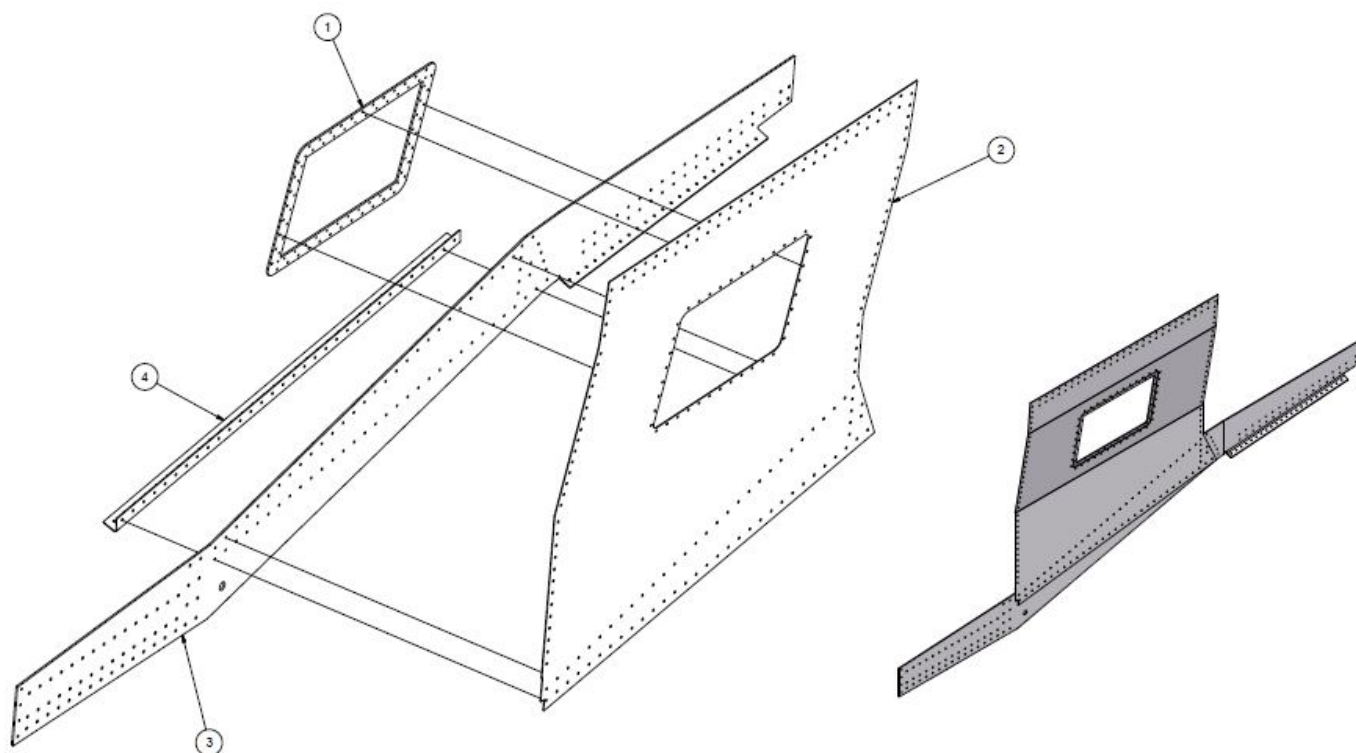


| Parts List               |     |             |                                 |
|--------------------------|-----|-------------|---------------------------------|
| GEAR TUNNEL ASSEMBLY TOP |     |             |                                 |
| ITEM                     | QTY | PART NUMBER | DESCRIPTION                     |
| 1                        | 1   | 1002971     | TOP, GEAR TUNNEL                |
| 2                        | 3   | 1003809     | ASSEMBLY, REINFORCEMENT CHANNEL |

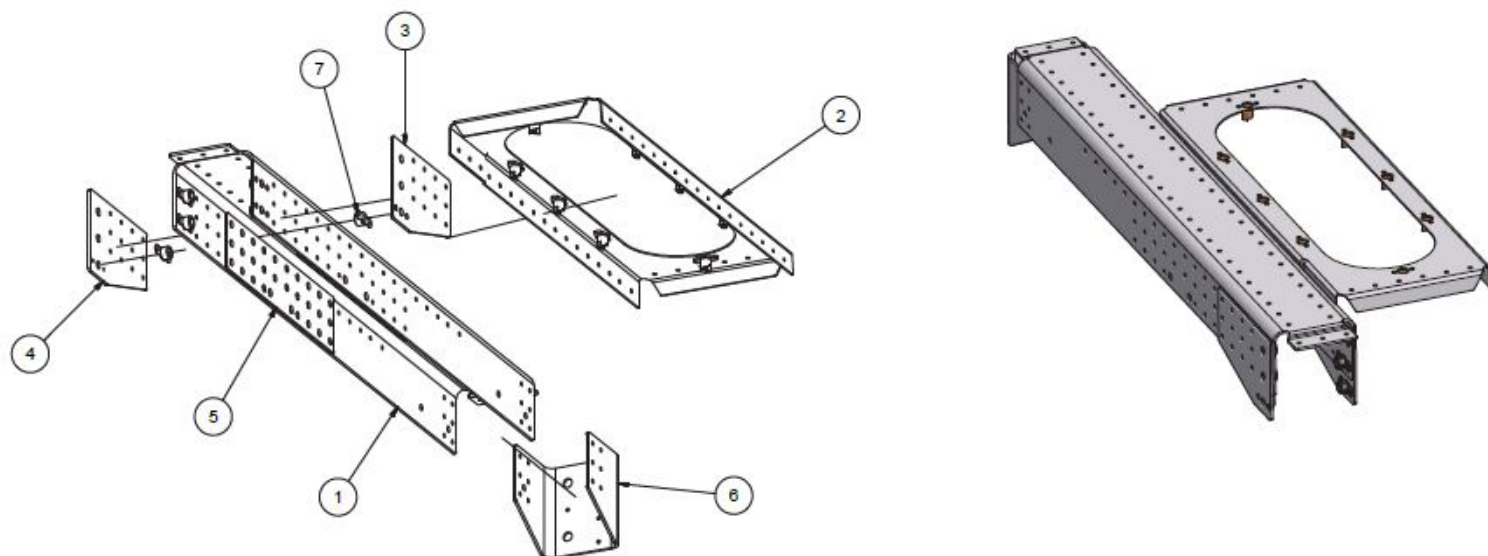
**WHEEL WELL ASSEMBLY PANEL CARRY THRU WITH STRAP LEFT**

| Parts List                                           |     |             |                                         |
|------------------------------------------------------|-----|-------------|-----------------------------------------|
| WHEEL WELL ASSEMBLY PANEL CARRY THRU WITH STRAP LEFT |     |             |                                         |
| ITEM                                                 | QTY | PART NUMBER | DESCRIPTION                             |
| 1                                                    | 1   | 1002983     | STRAP, CARRY THRU, LEFT                 |
| 2                                                    | 1   | 1002982     | PANEL, SIDE, LT, WHEEL WELL             |
| 3                                                    | 1   | 1002985     | FLANGE, CARRY THRU STRAP                |
| 4                                                    | 1   | 1003222     | RETAINER, COVER, WHEEL WELL PANEL, 7000 |

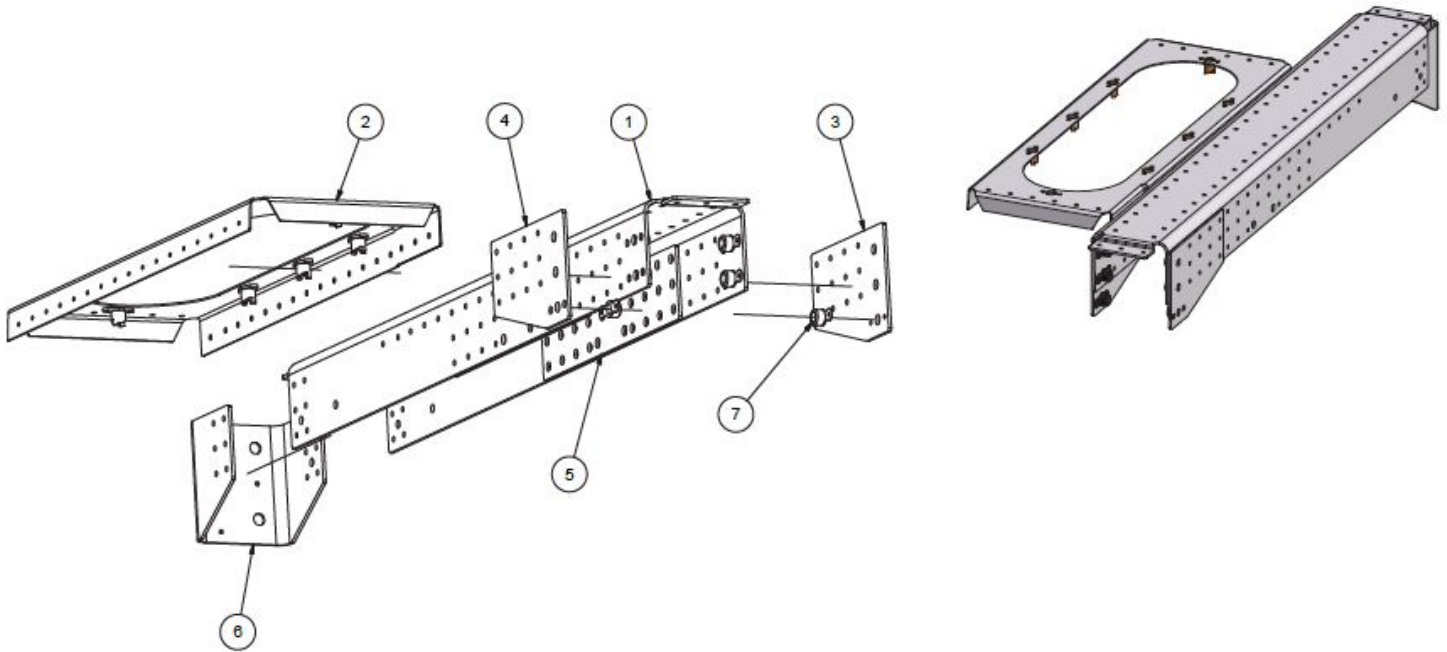
**WHEEL WELL ASSEMBLY PANEL CARRY THRU WITH STRAP RIGHT**



| Parts List                                       |     |             |                                         |
|--------------------------------------------------|-----|-------------|-----------------------------------------|
| WHEEL WELL ASSEMBLY PANEL CARRY THRU STRAP RIGHT |     |             |                                         |
| ITEM                                             | QTY | PART NUMBER | DESCRIPTION                             |
| 1                                                | 1   | 1003222     | RETAINER, COVER, WHEEL WELL PANEL, 7000 |
| 2                                                | 1   | 1002981     | PANEL, SIDE, RT, WHEEL WELL             |
| 3                                                | 1   | 1002984     | STRAP, CARRY THRU, RIGHT                |
| 4                                                | 1   | 1002985     | FLANGE, CARRY THRU STRAP                |

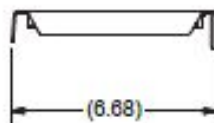
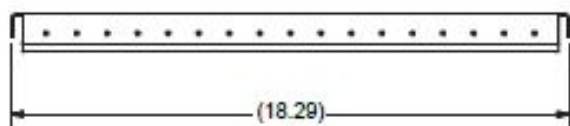
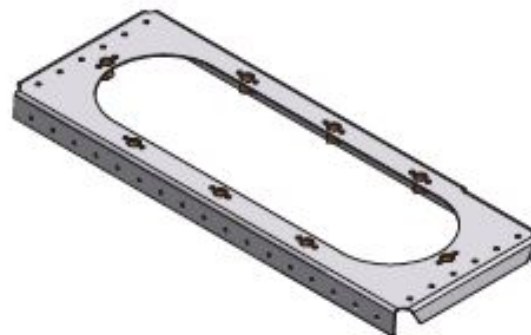
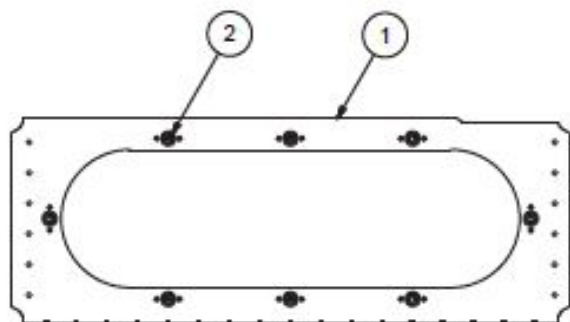
**CHANNEL ASSEMBLY LEFT MAIN GEAR**

| Parts List                      |     |             |                                       |
|---------------------------------|-----|-------------|---------------------------------------|
| CHANNEL ASSEMBLY LEFT MAIN GEAR |     |             |                                       |
| ITEM                            | QTY | PART NUMBER | DESCRIPTION                           |
| 1                               | 1   | 1003815     | CHANNEL, MAIN GEAR, WHEEL WELL        |
| 2                               | 1   | 1004078     | ASSEMBLY, RETAINER, GEAR ACCESS COVER |
| 3                               | 1   | 1004004     | DOUBLER, LH, OUTER, CHANNEL, GEAR     |
| 4                               | 1   | 1004011     | DOUBLER, RH, OUTER, CHANNEL, GEAR     |
| 5                               | 2   | 1004005     | DOUBLER, INNER, CHANNEL, GEAR         |
| 6                               | 1   | 1004002     | MOUNT, LH, CHANNEL, GEAR              |
| 7                               | 6   | MS21047L5   | NUT PLATE, SELF LOCKING               |

**CHANNEL ASSEMBLY RIGHT MAIN GEAR**

| Parts List                       |     |             |                                       |
|----------------------------------|-----|-------------|---------------------------------------|
| CHANNEL ASSEMBLY RIGHT MAIN GEAR |     |             |                                       |
| ITEM                             | QTY | PART NUMBER | DESCRIPTION                           |
| 1                                | 1   | 1003815     | CHANNEL, MAIN GEAR, WHEEL WELL        |
| 2                                | 1   | 1004077     | ASSEMBLY, RETAINER, GEAR ACCESS COVER |
| 3                                | 1   | 1004004     | DOUBLER, LH, OUTER, CHANNEL, GEAR     |
| 4                                | 1   | 1004011     | DOUBLER, RH, OUTER, CHANNEL, GEAR     |
| 5                                | 2   | 1004005     | DOUBLER, INNER, CHANNEL, GEAR         |
| 6                                | 1   | 1004003     | MOUNT, RH, CHANNEL, GEAR              |
| 7                                | 6   | MS21047L5   | NUT PLATE, SELF LOCKING               |

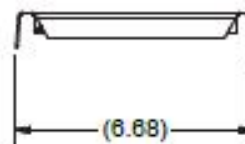
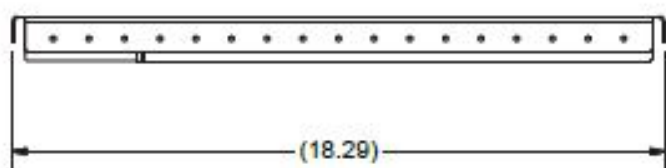
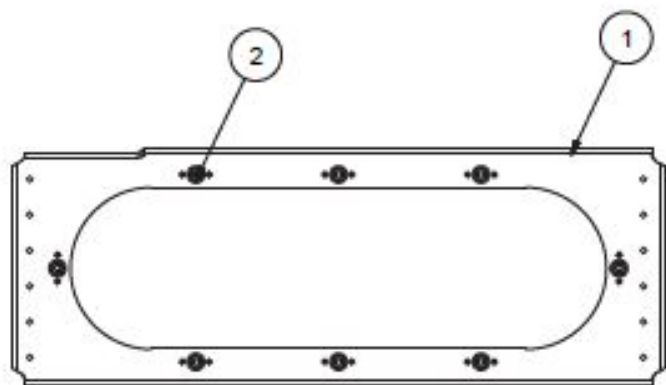
# GEAR ACCESS COVER RETAINER ASSEMBLY



| Parts List                          |     |             |                             |
|-------------------------------------|-----|-------------|-----------------------------|
| GEAR ACCESS COVER RETAINER ASSEMBLY |     |             |                             |
| ITEM                                | QTY | PART NUMBER | DESCRIPTION                 |
| 1                                   | 1   | 1004023     | RETAINER, GEAR ACCESS COVER |
| 2                                   | 8   | 212-12      | CAMLOC RECEPTACLE, STANDARD |



# GEAR ACCESS COVER RETAINER ASSEMBLY



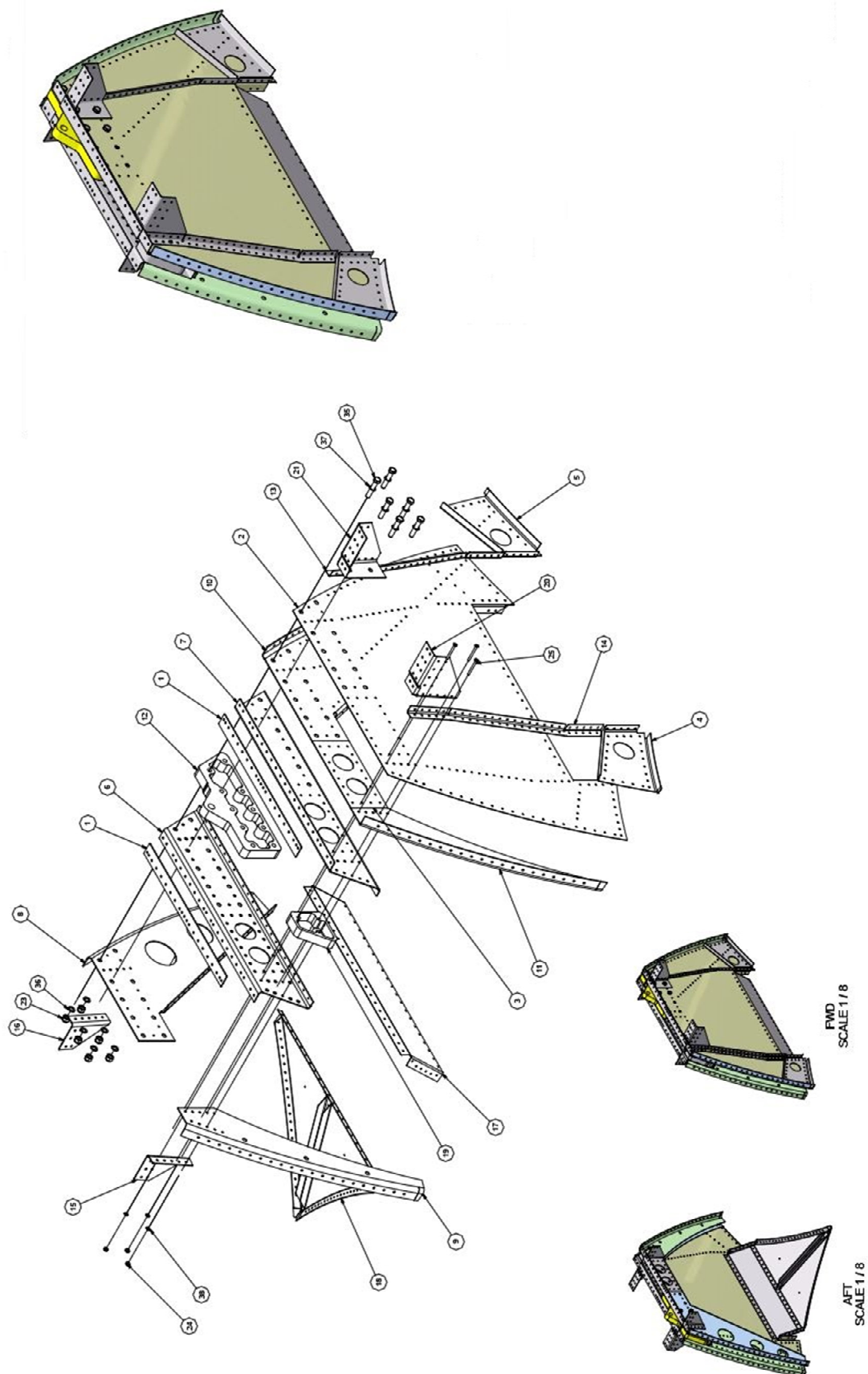
| Parts List                          |     |             |                             |
|-------------------------------------|-----|-------------|-----------------------------|
| GEAR ACCESS COVER RETAINER ASSEMBLY |     |             |                             |
| ITEM                                | QTY | PART NUMBER | DESCRIPTION                 |
| 1                                   | 1   | 1004022     | RETAINER, GEAR ACCESS COVER |
| 2                                   | 8   | 212-12      | CAMLOC RECEPTACLE, STANDARD |



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                      |     |               |                                               |
|---------------------------------|-----|---------------|-----------------------------------------------|
| BULKHEAD ASSEMBLY 11 LEFT FLOAT |     |               |                                               |
| ITEM                            | QTY | PART NUMBER   | DESCRIPTION                                   |
| 1                               | 2   | 1002748       | SPACER, SUPER PANEL                           |
| 2                               | 1   | 1002762       | PANEL, UPPER, BLK HD #11, LT FLT              |
| 3                               | 1   | 1002767       | DOUBLER- BLKHD #11                            |
| 4                               | 1   | 1002770       | FLUTE, FWD, LT, LT FLT, BLKHD #11             |
| 5                               | 1   | 1002773       | FLUTE, FWD, RT, LT FLT, BLKHD #11             |
| 6                               | 1   | 1002776       | BRACE, SUPERPANEL, AFT, BLKHD #11, LT FLT     |
| 7                               | 1   | 1002779       | BRACE, SUPERPANEL, FWD, BLKHD #11, LT FLT     |
| 8                               | 1   | 1002781       | LEG, SUPERPANEL, AFT, IBRD, BLKHD #11, LT FLT |
| 9                               | 1   | 1002785       | LEG, SUPERPANEL, AFT, OBRD, BLKHD #11, LT FLT |
| 10                              | 1   | 1002788       | LEG, SUPERPANEL, FWD, IBRD, BLKHD #11, LT FLT |
| 11                              | 1   | 1002790       | LEG, SUPERPANEL, FWD, OBRD, BLKHD #11, LT FLT |
| 12                              | 1   | 1002793       | FITTING, SUPERPANEL, BLKHD #11                |
| 13                              | 1   | 1003542       | MOUNT, PNL, LT, AFT, WHEEL WELL               |
| 14                              | 1   | 1003543       | MOUNT, PNL, RT, AFT, WHEEL WELL               |
| 15                              | 1   | 1004007       | PANEL, LOWER, BULKHEAD 11                     |
| 16                              | 1   | 1004010       | ASSEMBLY, WATER DEFLECTION PANEL              |
| 17                              | 1   | 1004191       | SPACER, SUPERPANEL, OUTBOARD                  |
| 18                              | 1   | 1004196       | CLEAT, GUN RAIL, LH                           |
| 19                              | 1   | 1004197       | CLEAT, GUN RAIL, RH                           |
| 20                              | 1   | 1004223       | GUSSET, CORNER, OUTBOARD, BH11, LH FLT        |
| 21                              | 1   | 1004225       | GUSSET, CORNER, INBOARD, BH11, LH FLT         |
| 22                              | 6   | MS21044N6     | NUT                                           |
| 23                              | 3   | MS21083N08    | NUT                                           |
| 24                              | 3   | MS35206-252   | MACHINE SCREW 832 - 1.75                      |
| 25                              | 6   | AN6-17A       | BOLT                                          |
| 26                              | 6   | NAS1149D0616J | WASHER                                        |
| 27                              | 6   | NAS1149D0663J | WASHER                                        |
| 28                              | 3   | NAS1149DN832J | WASHER                                        |

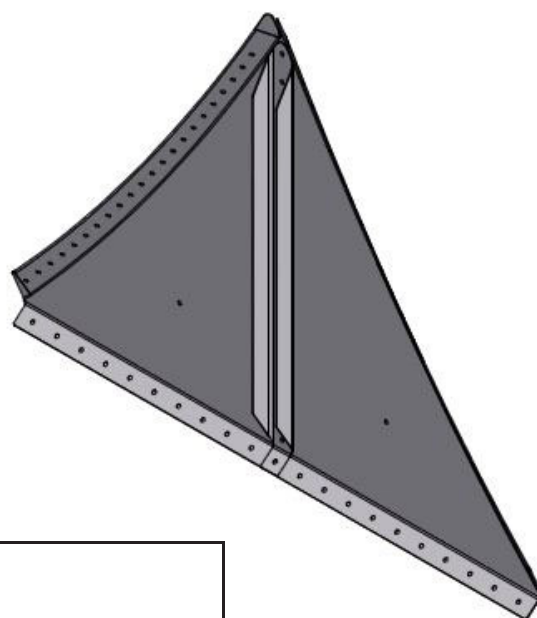
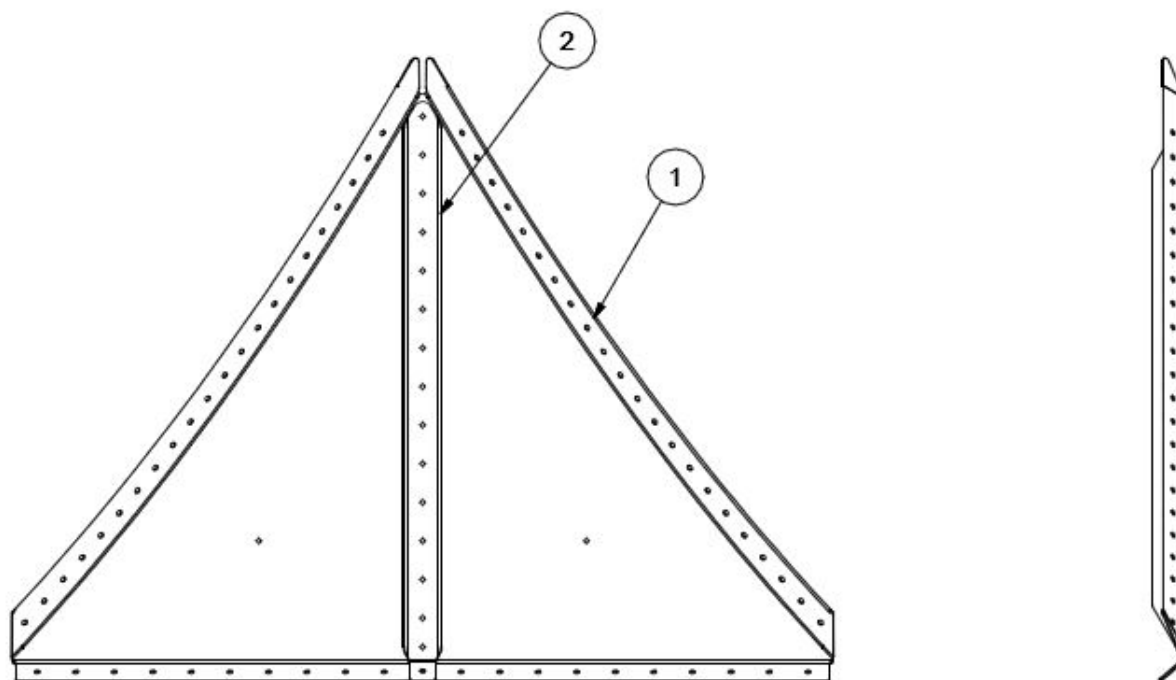
# **BULKHEAD ASSEMBLY 11 RIGHT FLOAT**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                       |     |               |                                               |
|----------------------------------|-----|---------------|-----------------------------------------------|
| BULKHEAD ASSEMBLY 11 RIGHT FLOAT |     |               |                                               |
| ITEM                             | QTY | PART NUMBER   | DESCRIPTION                                   |
| 1                                | 2   | 1002748       | SPACER, SUPER PANEL                           |
| 2                                | 1   | 1002763       | PANEL, BLKHD #11, RT FLT                      |
| 3                                | 1   | 1002767       | DOUBLER- BLKHD #11                            |
| 4                                | 1   | 1002769       | FLUTE, FWD, RT, RT FLT, BLKHD #11             |
| 5                                | 1   | 1002772       | FLUTE, FWD, LT, RT FLT, BLKHD #11             |
| 6                                | 1   | 1002775       | BRACE, SUPERPANEL, AFT, BLKHD #11, RT FLT     |
| 7                                | 1   | 1002778       | BRACE, SUPERPANEL, FWD, BLKHD #11, RT FLT     |
| 8                                | 1   | 1002782       | LEG, SUPERPANEL, AFT, IBRD, BLKHD #11, RT FLT |
| 9                                | 1   | 1002784       | LEG, SUPERPANEL, AFT, OBRD, BLKHD #11, RT FLT |
| 10                               | 1   | 1002787       | LEG, SUPERPANEL, FWD, IBRD, BLKHD #11, RT FLT |
| 11                               | 1   | 1002791       | LEG, SUPERPANEL, FWD, IBRD, BLKHD #11, RT FLT |
| 12                               | 1   | 1002793       | FITTING, SUPERPANEL, BLKHD #11                |
| 13                               | 1   | 1003542       | MOUNT, PNL, LT, AFT, WHEEL WELL               |
| 14                               | 1   | 1003543       | MOUNT, PNL, RT, AFT, WHEEL WELL               |
| 15                               | 1   | 1004196       | CLEAT, GUN RAIL, LH                           |
| 16                               | 1   | 1004197       | CLEAT, GUN RAIL, RH                           |
| 17                               | 1   | 1004007       | PANEL, LOWER, BULKHEAD 11                     |
| 18                               | 1   | 1004010       | ASSEMBLY, WATER DEFLECTION PANEL              |
| 19                               | 1   | 1004191       | SPACER, SUPERPANEL, OUTBOARD                  |
| 20                               | 1   | 1004224       | GUSSET, CORNER, OUTBOARD, BH11, RH FLT        |
| 21                               | 1   | 1004226       | GUSSET, CORNER, INBOARD, BH11, RH FLT         |
| 23                               | 6   | MS21044N6     | NUT                                           |
| 24                               | 3   | NAS1149N08    | NUT                                           |
| 25                               | 3   | MS35206-252   | MACHINE SCREW 832 - 1.75                      |
| 35                               | 6   | AN6-17A       | BOLT                                          |
| 36                               | 6   | NAS1149D0663J | WASHER                                        |
| 37                               | 6   | NAS1149D0616J | WASHER                                        |
| 38                               | 3   | NAS1149DN832J | WASHER                                        |

# WATER DEFLECTION PANEL ASSEMBLY

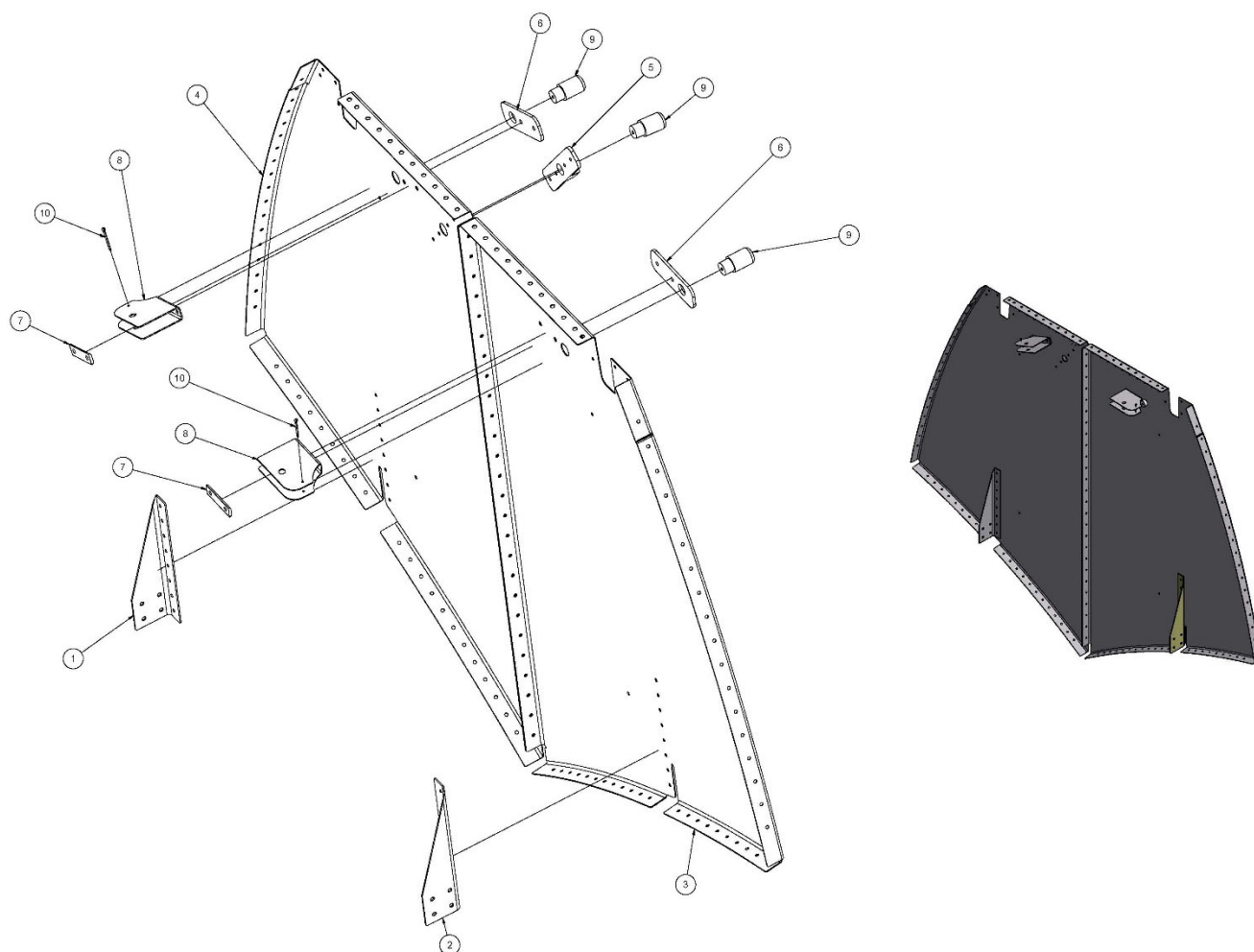


| Parts List                      |     |             |                                   |
|---------------------------------|-----|-------------|-----------------------------------|
| WATER DEFLECTION PANEL ASSEMBLY |     |             |                                   |
| ITEM                            | QTY | PART NUMBER | DESCRIPTION                       |
| 1                               | 1   | 1004008     | PANEL, WATER DEFLECTION           |
| 2                               | 1   | 1004009     | STIFFENER, WATER DEFLECTION PANEL |

## **SECTION 5: AFT BULKHEADS**

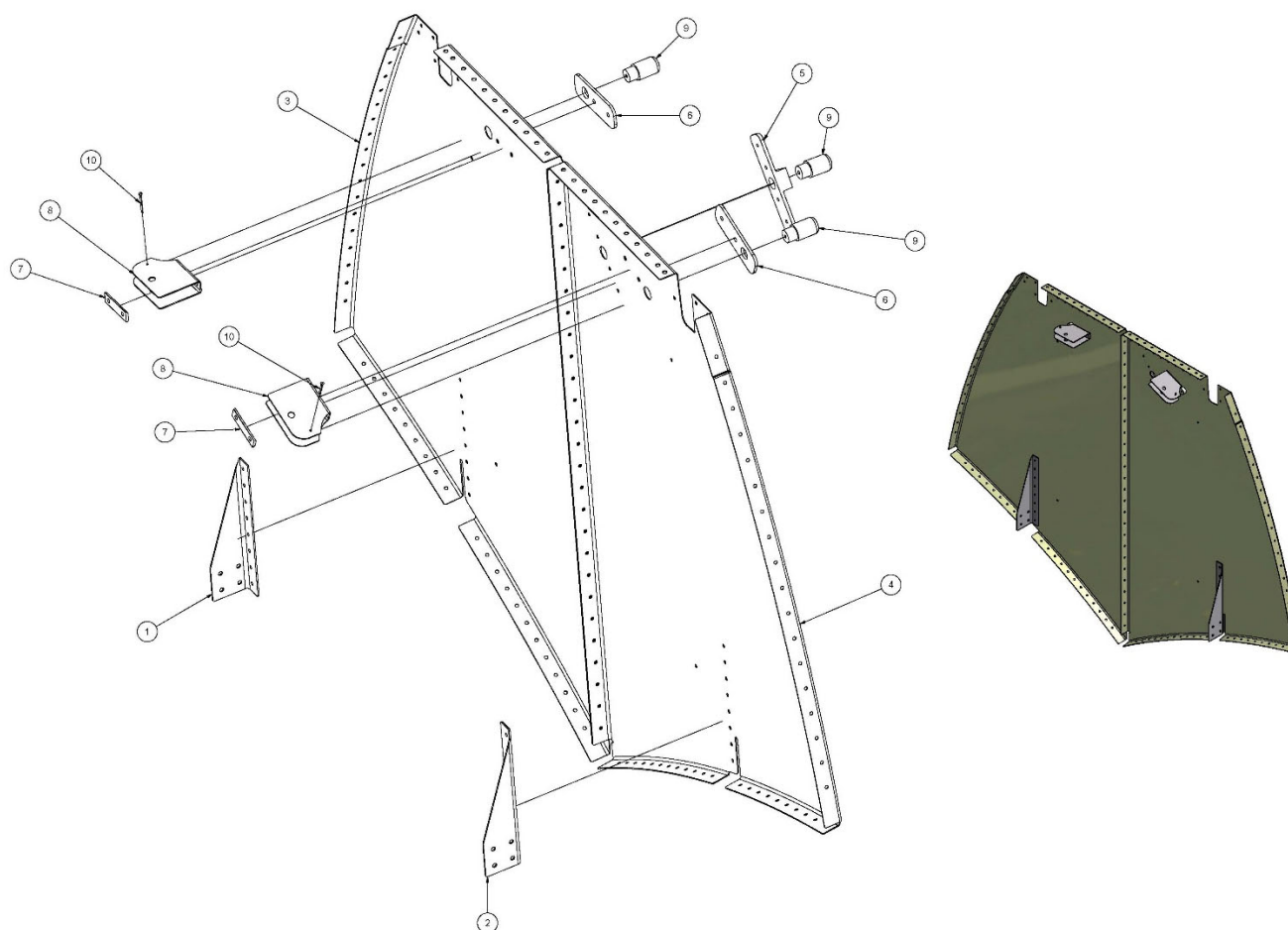
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**BULKHEAD ASSEMBLY 12 LEFT FLOAT**

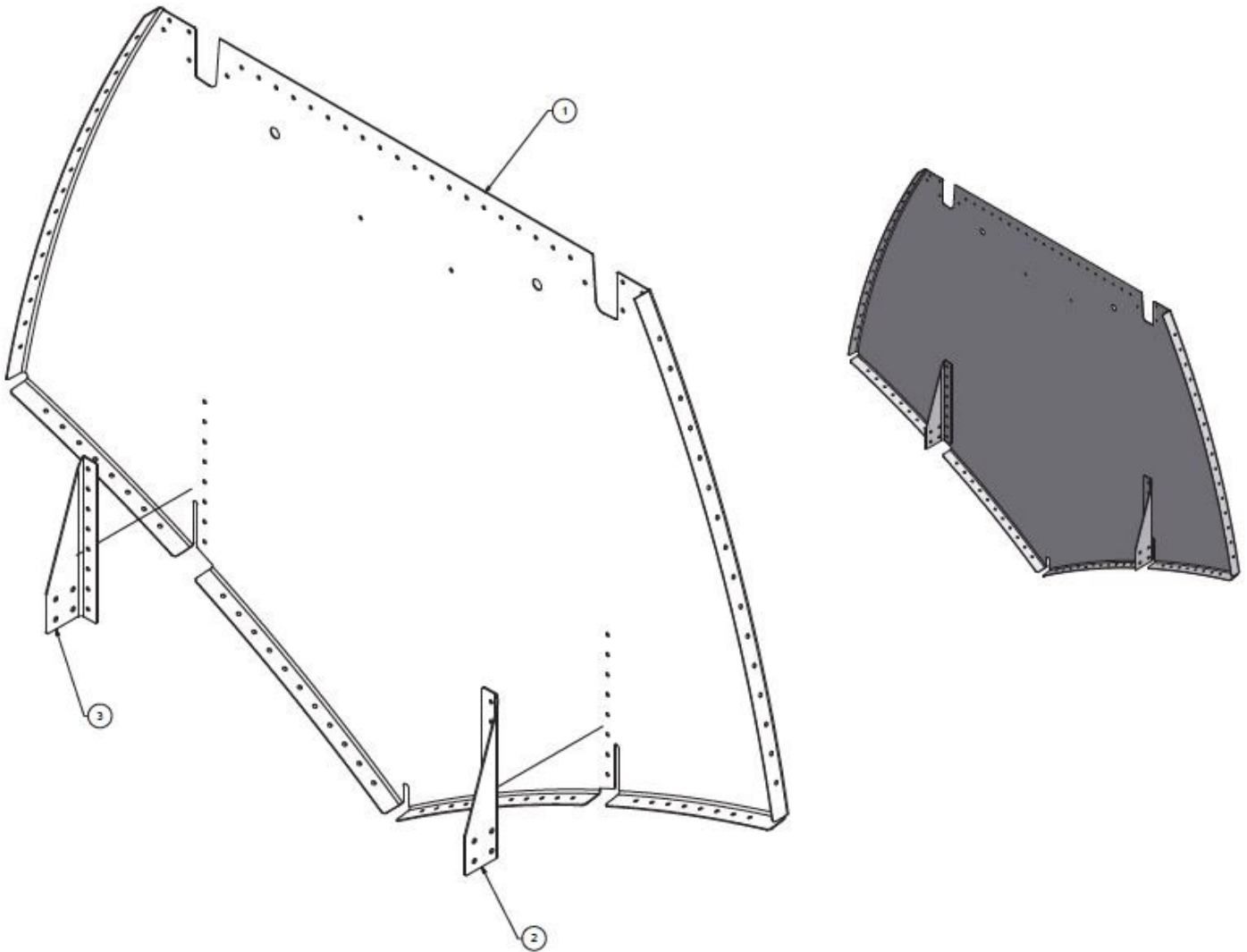
| Parts List<br>BULKHEAD ASSEMBLY 12 LEFT FLOAT |     |              |                                      |
|-----------------------------------------------|-----|--------------|--------------------------------------|
| ITEM                                          | QTY | PART NUMBER  | DESCRIPTION                          |
| 1                                             | 1   | 1003217      | CLEAT, RT, SISTER KEEL, AFT          |
| 2                                             | 1   | 1003218      | CLEAT, LT, SISTER KEEL, AFT          |
| 3                                             | 1   | 1003461      | PANEL, SIDE, IBRD, BLKHD #12, LT FLT |
| 4                                             | 1   | 1003464      | PANEL, SIDE, OBRD, BLHD #12, LT FLT  |
| 5                                             | 1   | 1003476      | MOUNT, CABLE GUIDE, LF               |
| 6                                             | 2   | 1008469      | DOUBLER, CABLE GUIDE                 |
| 7                                             | 2   | 10A01156-179 | REINFORCEMENT, PULLEY                |
| 8                                             | 2   | 3A01151-010  | PULLEY BRACKET                       |
| 9                                             | 3   | 3A08605-001  | CABLE GUIDE                          |
| 10                                            | 2   | MS24665-134  | COTTER PIN                           |

# **BULKHEAD ASSEMBLY 12 RIGHT FLOAT**



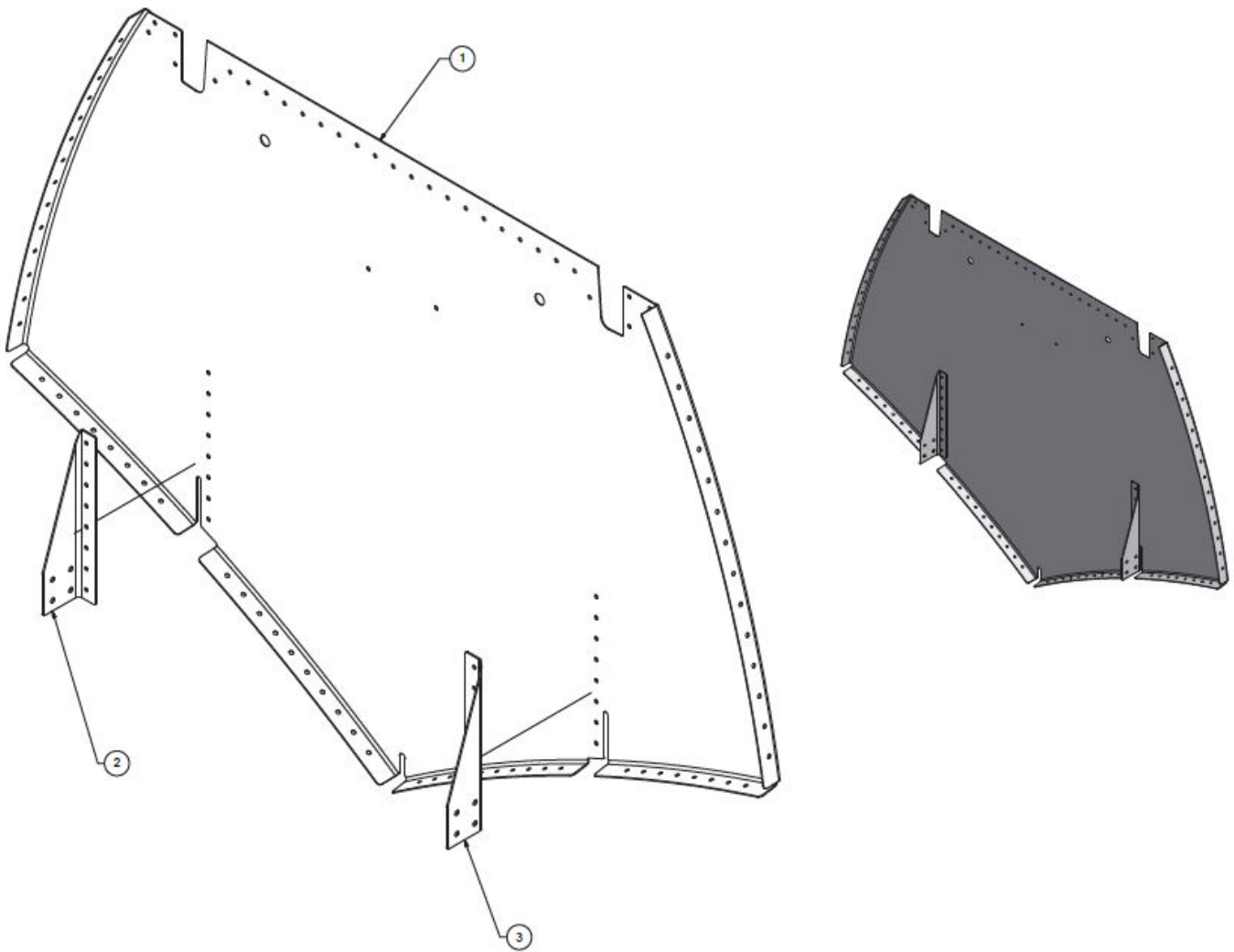
| Parts List<br>BULKHEAD ASSEMBLY 12 RIGHT FLOAT |     |              |                                      |
|------------------------------------------------|-----|--------------|--------------------------------------|
| ITEM                                           | QTY | PART NUMBER  | DESCRIPTION                          |
| 1                                              | 1   | 1003217      | CLEAT, RT, SISTER KEEL, AFT          |
| 2                                              | 1   | 1003218      | CLEAT, LT, SISTER KEEL, AFT          |
| 3                                              | 1   | 1003462      | PANEL, SIDE, IBRD, BLKHD #12, RT FLT |
| 4                                              | 1   | 1003465      | PANEL, SIDE, OBRD, BLKHD #12, RT FLT |
| 5                                              | 1   | 1003477      | MOUNT, CABLE GUIDE, RF               |
| 6                                              | 2   | 1008469      | DOUBLER, CABLE GUIDE                 |
| 7                                              | 2   | 10A01156-179 | REINFORCEMENT, PULLEY                |
| 8                                              | 2   | 3A01151-010  | PULLEY BRACKET                       |
| 9                                              | 3   | 3A08605-001  | CABLE GUIDE                          |
| 10                                             | 2   | MS24665-134  | COTTER PIN                           |

**BULKHEAD ASSEMBLY 13**

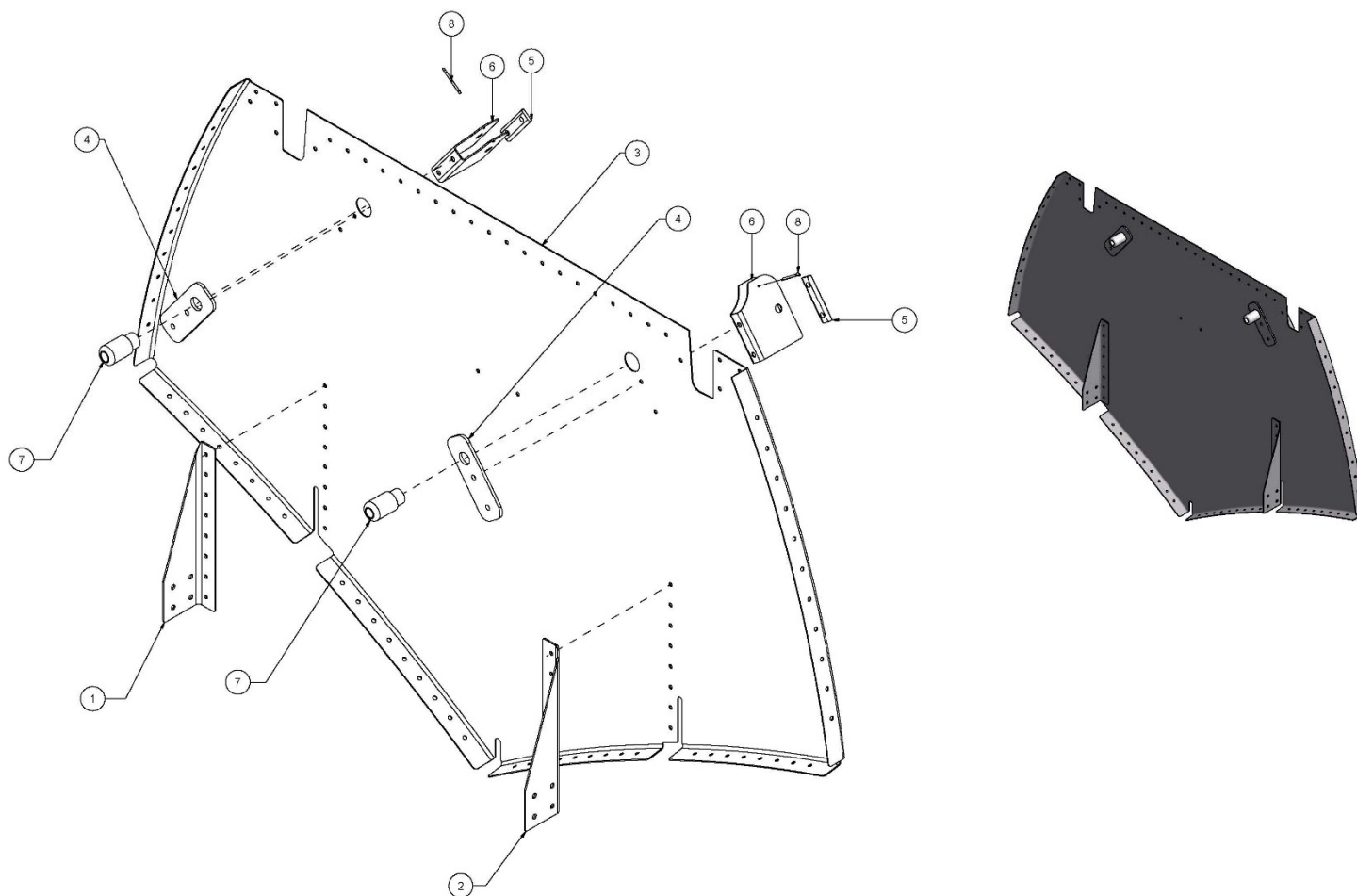


| Parts List<br>BULKHEAD ASSEMBLY 13 |     |             |                             |
|------------------------------------|-----|-------------|-----------------------------|
| ITEM                               | QTY | PART NUMBER | DESCRIPTION                 |
| 1                                  | 1   | 1003468     | PANEL, BLKHD #13            |
| 2                                  | 1   | 1003218     | CLEAT, LT, SISTER KEEL, AFT |
| 3                                  | 1   | 1003217     | CLEAT, RT, SISTER KEEL, AFT |

**BULKHEAD ASSEMBLY 14**

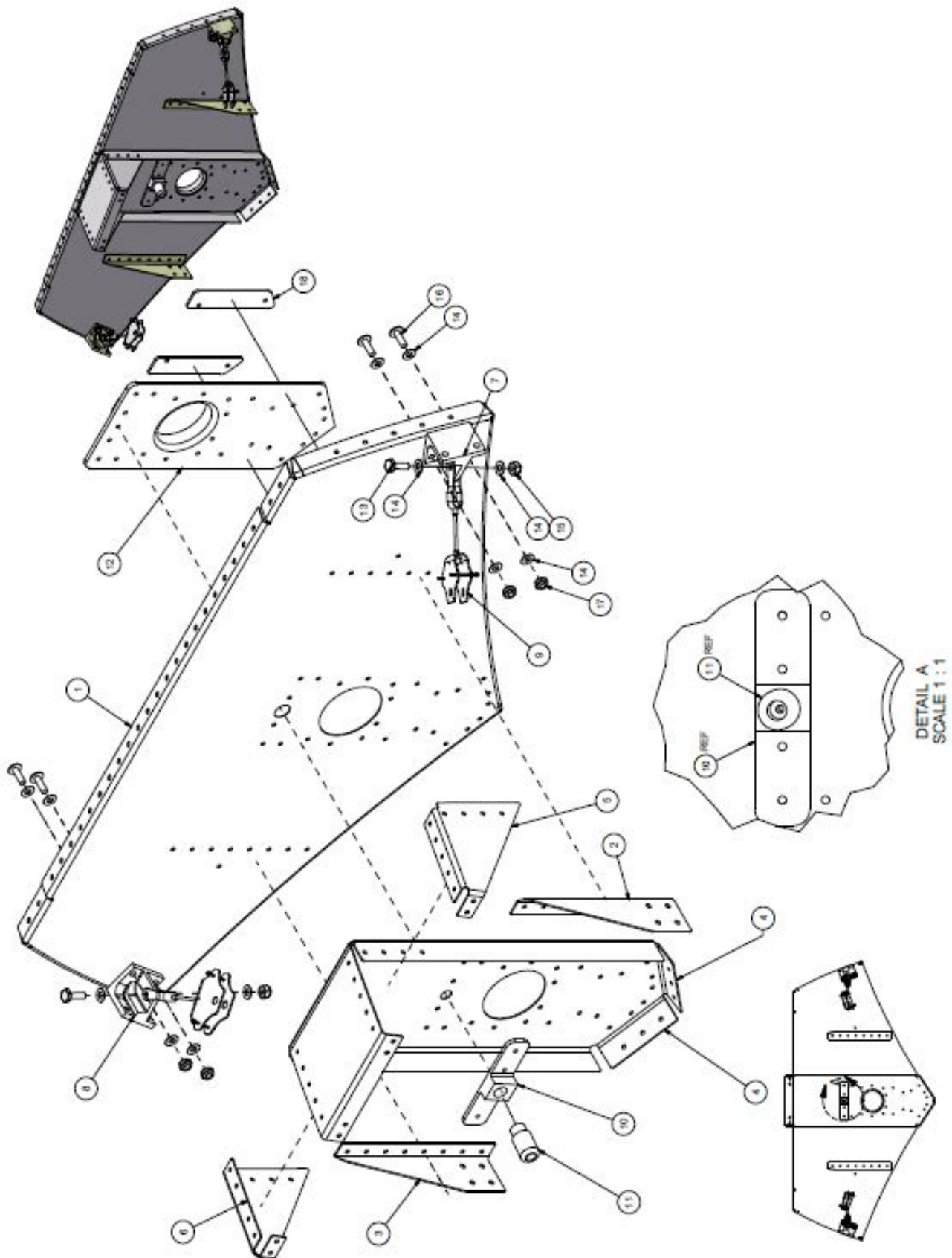


| Parts List<br>BULKHEAD ASSEMBLY 14 |     |             |                             |
|------------------------------------|-----|-------------|-----------------------------|
| ITEM                               | QTY | PART NUMBER | DESCRIPTION                 |
| 1                                  | 1   | 1003471     | PANEL, BLKHD #14            |
| 2                                  | 1   | 1003217     | CLEAT, RT, SISTER KEEL, AFT |
| 3                                  | 1   | 1003218     | CLEAT, LT, SISTER KEEL, AFT |

**BULKHEAD ASSEMBLY 15**

| Parts List<br>BULKHEAD ASSEMBLY 15 |     |              |                                 |
|------------------------------------|-----|--------------|---------------------------------|
| ITEM                               | QTY | PART NUMBER  | DESCRIPTION                     |
| 1                                  | 1   | 1003217      | CLEAT, RT, SISTER KEEL, AFT     |
| 2                                  | 1   | 1003218      | CLEAT, LT, SISTER KEEL, AFT     |
| 3                                  | 1   | 1003474      | PANEL, BLKHD #15, LT AND RT FLT |
| 4                                  | 2   | 1008469      | DOUBLER, CABLE GUIDE            |
| 5                                  | 2   | 10A01156-179 | REINFORCEMENT, PULLEY           |
| 6                                  | 2   | 3A01151-010  | PULLEY BRACKET                  |
| 7                                  | 2   | 3a08605-001  | CABLE GUIDE                     |
| 9                                  | 2   | MS24665-134  | COTTER PIN                      |

**BULKHEAD ASSEMBLY 16 LEFT FLOAT**

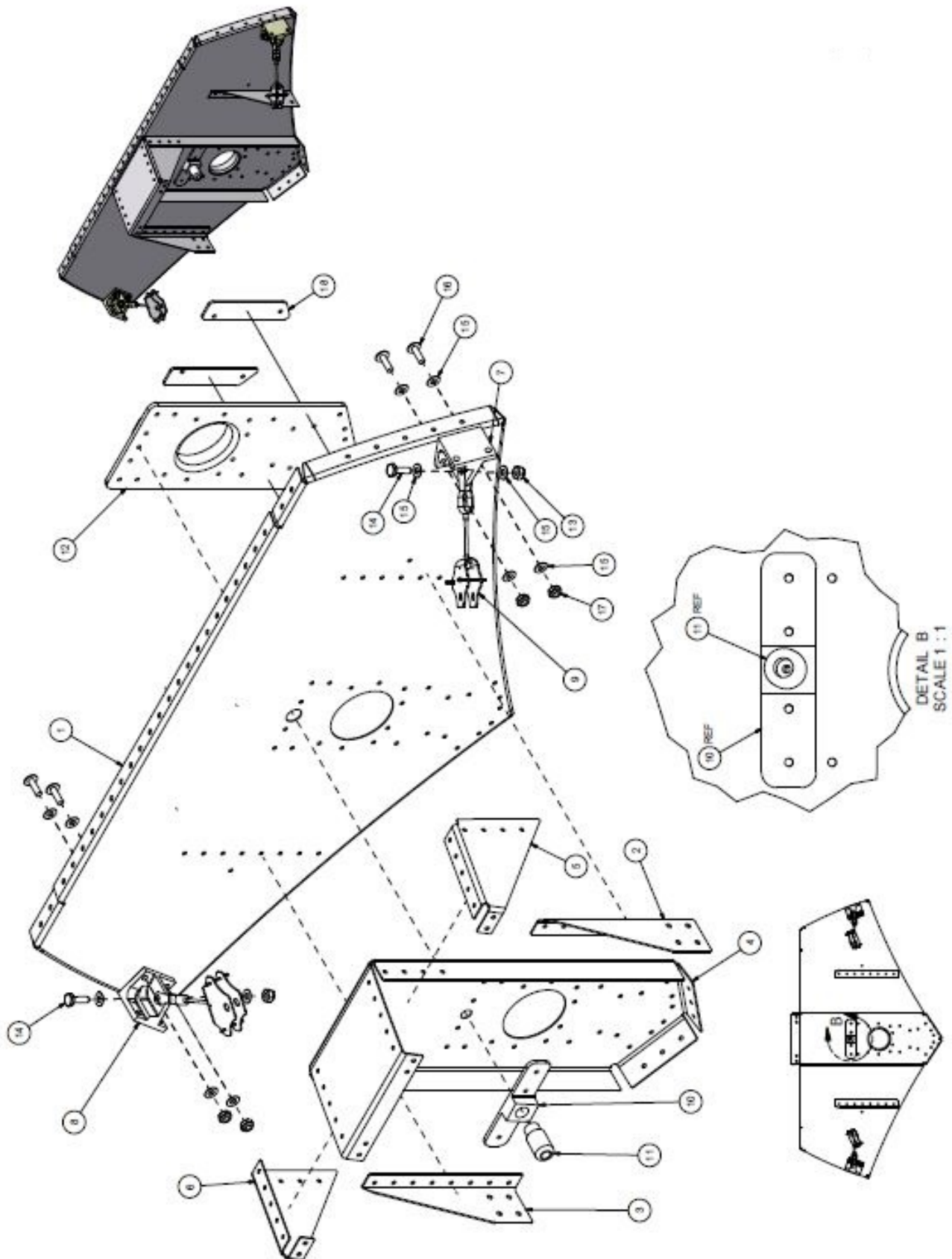


# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>BULKHEAD ASSEMBLY 16 LEFT FLOAT |     |               |                                          |
|-----------------------------------------------|-----|---------------|------------------------------------------|
| ITEM                                          | QTY | PART NUMBER   | DESCRIPTION                              |
| 1                                             | 1   | 1002918       | PANEL, BLKHD #16                         |
| 2                                             | 1   | 1003218       | CLEAT, LT, SISTER KEEL, AFT              |
| 3                                             | 1   | 1003217       | CLEAT, RT, SISTER KEEL, AFT              |
| 4                                             | 1   | 1003229       | DOUBLER, WATER RUDDER PIVOT              |
| 5                                             | 1   | 1003601       | GUSSET, LT, WATER RUDDER BRKT, BLKHD #16 |
| 6                                             | 1   | 1003602       | GUSSET, RT, WATER RUDDER BRKT, BLKHD #16 |
| 7                                             | 1   | 8A08194-001   | BRACKET, WATER RUDDER PULLEY             |
| 8                                             | 1   | 8A08194-002   | BRACKET, WATER RUDDER PULLEY             |
| 9                                             | 2   | 8A08000-043   | ASSEMBLY, CABLE, PULLEY, BLKHD 16        |
| 10                                            | 1   | 1003476       | MOUNT, CABLE GUIDE, LF                   |
| 11                                            | 1   | 3A08605-001   | CABLE GUIDE                              |
| 12                                            | 1   | 3A01437-001   | ASSEMBLY, MOUNT, PIVOT, WATER RUDDER     |
| 13                                            | 2   | AN3-5A        | BOLT, 5/16-24,.X .656 LG                 |
| 14                                            | 12  | NAS1149D0316J | WASHER                                   |
| 15                                            | 2   | MS21045-3     | NUT, SELF LOCKING                        |
| 16                                            | 4   | AN526C1032R10 | SCREW, MACHINE, TRUSS HEAD               |
| 17                                            | 4   | NAS679-A3W    | KAYNAR NUT                               |
| 18                                            | 2   | 1004679       | PLATE, WATER RUDDER STOP                 |



**BULKHEAD ASSEMBLY 16 RIGHT FLOAT**





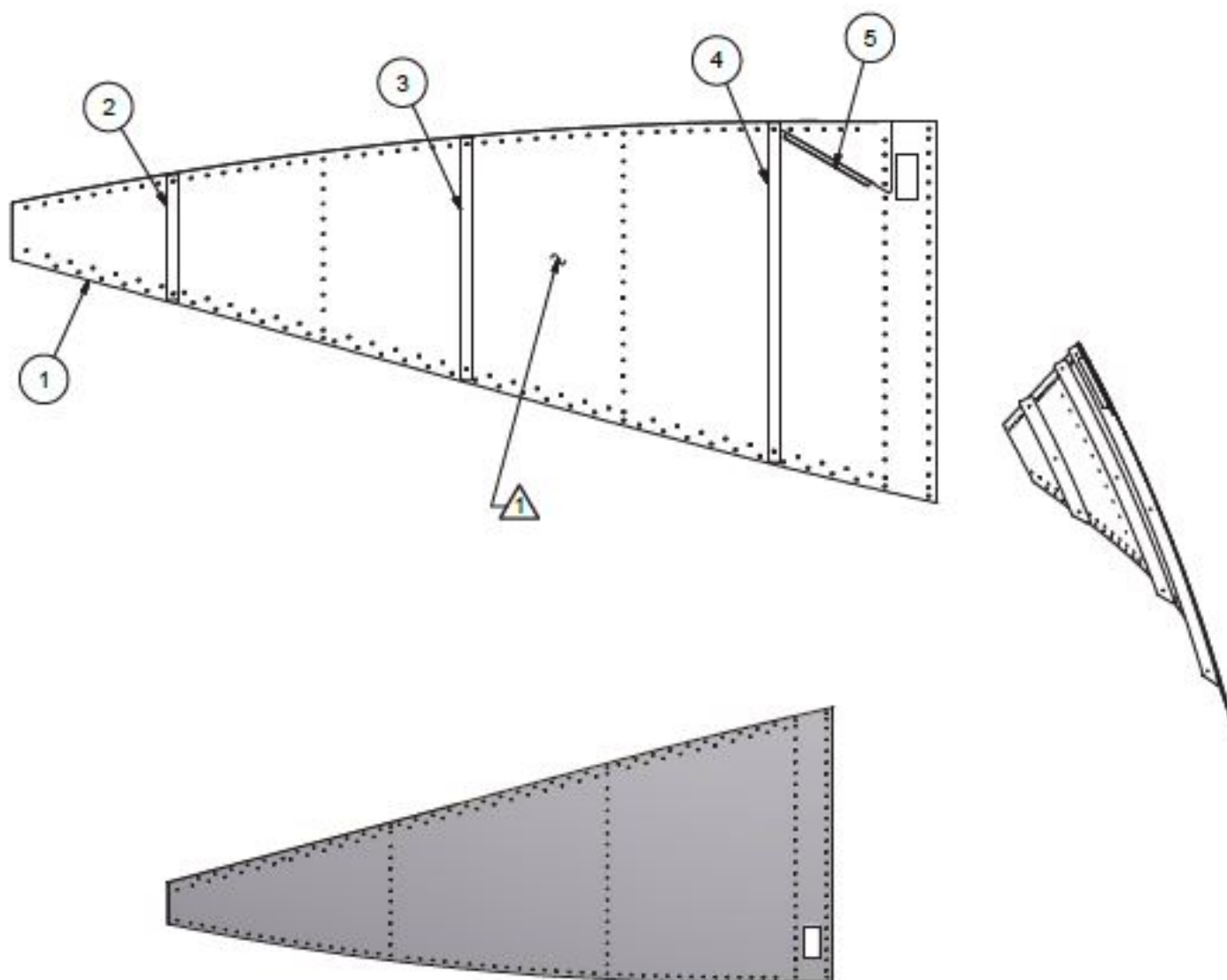
# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                       |     |                |                                          |
|----------------------------------|-----|----------------|------------------------------------------|
| BULKHEAD ASSEMBLY 16 RIGHT FLOAT |     |                |                                          |
| ITEM                             | QTY | PART NUMBER    | DESCRIPTION                              |
| 1                                | 1   | 1002918        | PANEL, BLKHD #16                         |
| 2                                | 1   | 1003218        | CLEAT, LT, SISTER KEEL, AFT              |
| 3                                | 1   | 1003217        | CLEAT, RT, SISTER KEEL, AFT              |
| 4                                | 1   | 1003229        | DOUBLER, WATER RUDDER PIVOT              |
| 5                                | 1   | 1003601        | GUSSET, LT, WATER RUDDER BRKT, BLKHD #16 |
| 6                                | 1   | 1003602        | GUSSET, RT, WATER RUDDER BRKT, BLKHD #16 |
| 7                                | 1   | 8A08194-001    | BRACKET, WATER RUDDER PULLEY             |
| 8                                | 1   | 8A08194-001    | BRACKET, WATER RUDDER PULLEY             |
| 9                                | 2   | 8A08000-043    | ASSEMBLY, CABLE, PULLEY, BLKHD 16        |
| 10                               | 1   | 1003477        | MOUNT, CABLE GUIDE, RF                   |
| 11                               | 1   | 3A08605-001    | CABLE GUIDE                              |
| 12                               | 1   | 3A01437-001    | ASSEMBLY, MOUNT, PIVOT, WATER RUDDER     |
| 13                               | 2   | MS21045-3      | NUT, SELF LOCKING                        |
| 14                               | 2   | AN3-5A         | BOLT, 5/16-24,.X .656 LG                 |
| 15                               | 12  | NAS114 9D0316J | WASHER                                   |
| 16                               | 4   | AN526C1 032R10 | SCREW, MACHINE, TRUSS HEAD               |
| 17                               | 4   | NAS679-A3W     | KAYNAR NUT                               |
| 18                               | 2   | 1004679        | PLATE, WATER RUDDER STOP                 |

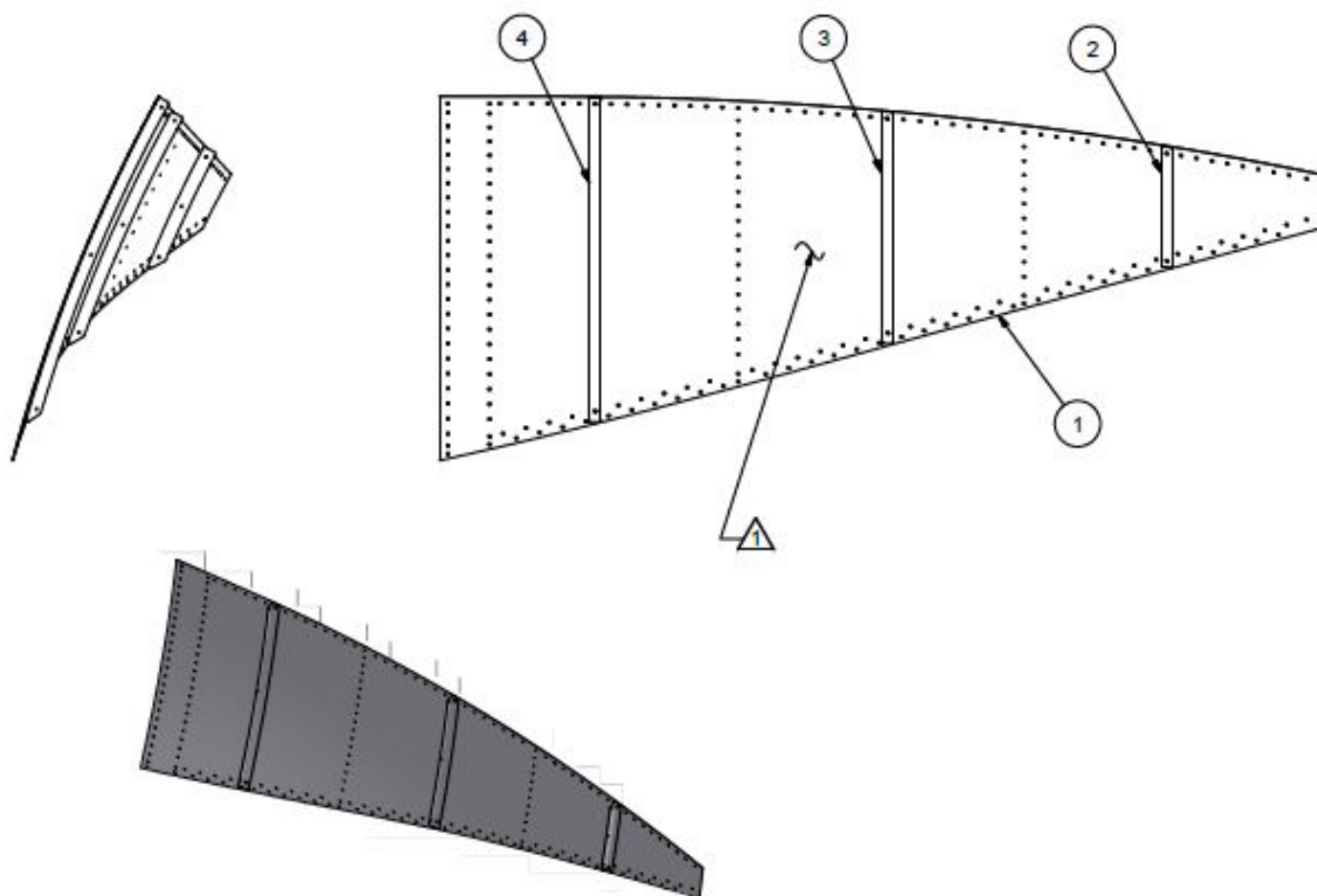
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## **SECTION 6: SKINS**

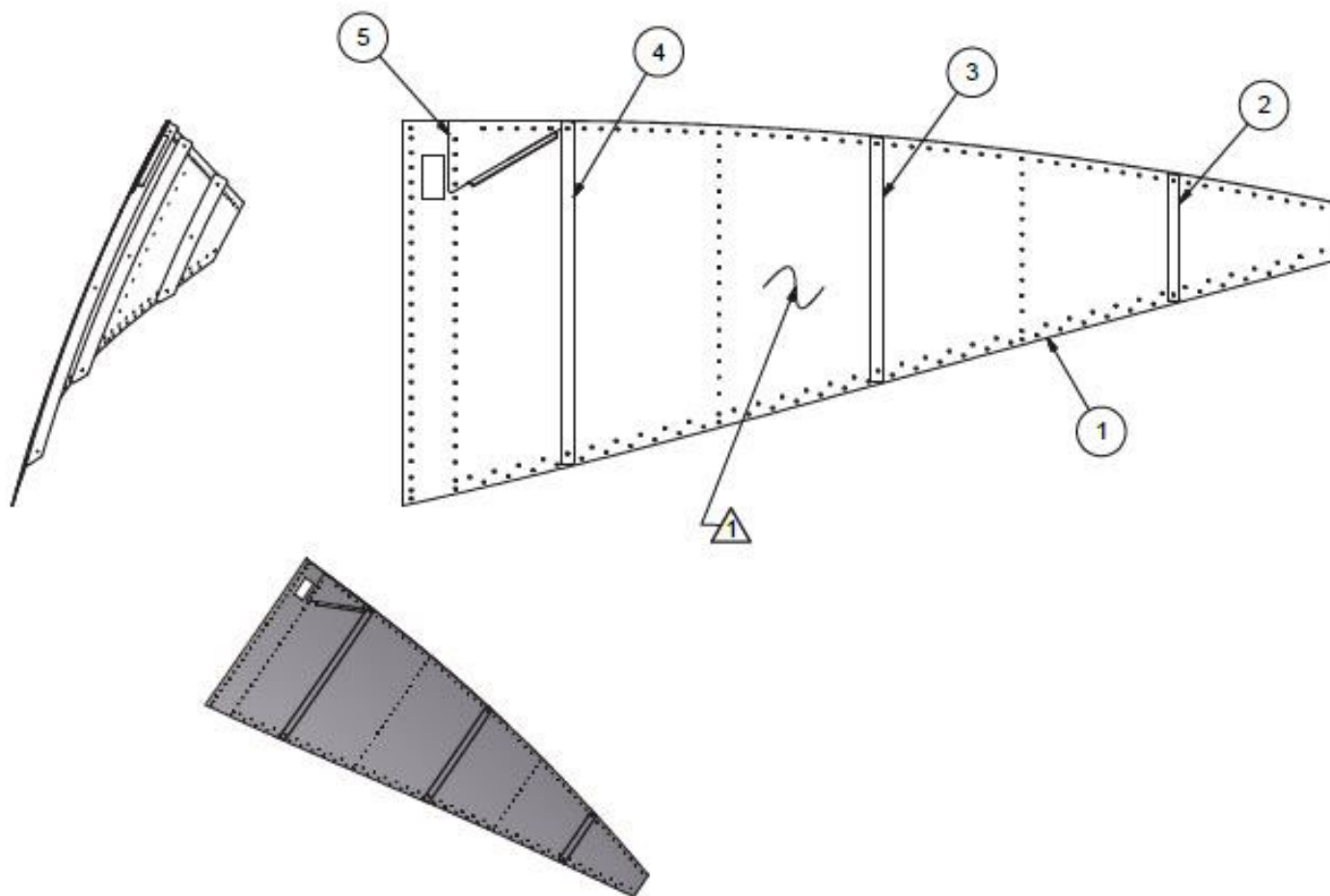
**SIDE SKIN ASSEMBLY FORWARD INBOARD LEFT FLOAT**



| Parts List                                    |     |             |                                       |
|-----------------------------------------------|-----|-------------|---------------------------------------|
| SIDE SKIN ASSEMBLY FORWARD INBOARD LEFT FLOAT |     |             |                                       |
| ITEM                                          | QTY | PART NUMBER | DESCRIPTION                           |
| 1                                             | 1   | 1003191     | SKIN, SIDE, FWD, IBRD, LT FLT, 7000   |
| 2                                             | 1   | 1003797     | STIFFENER, FWD, FWD SIDE SKIN, RT FLT |
| 3                                             | 1   | 1003799     | STIFFENER, MID, FWD SIDE SKIN, RT FLT |
| 4                                             | 1   | 1003801     | STIFFENER, AFT, FWD SIDE SKIN         |
| 5                                             | 1   | 1004199     | DOUBLER, BLKHD 4, FWD, LT FLT, 7000   |

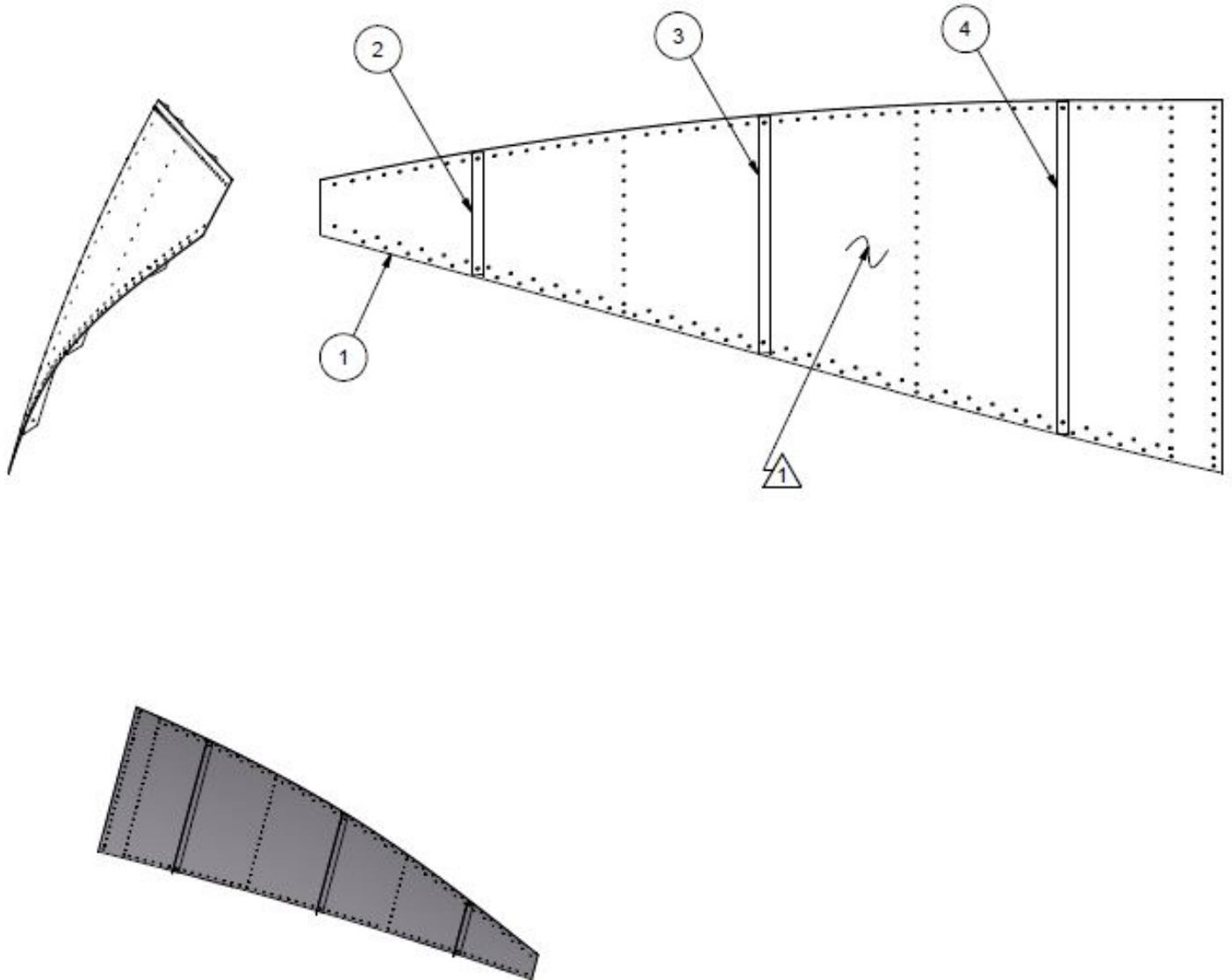
**SIDE SKIN ASSEMBLY FORWARD OUTBOARD LEFT FLOAT**

| Parts List                                     |     |             |                                       |
|------------------------------------------------|-----|-------------|---------------------------------------|
| SIDE SKIN ASSEMBLY FORWARD OUTBOARD LEFT FLOAT |     |             |                                       |
| ITEM                                           | QTY | PART NUMBER | DESCRIPTION                           |
| 1                                              | 1   | 1003189     | SKIN, SIDE, FWD, OBRD, LT FLT, 7000   |
| 2                                              | 1   | 1003796     | STIFFENER, FWD, FWD SIDE SKIN, LH FLT |
| 3                                              | 1   | 1003798     | STIFFENER, MID, FWD SIDE SKIN, LH FLT |
| 4                                              | 1   | 1003800     | STIFFENER, AFT, FWD SIDE SKIN, LH FLT |

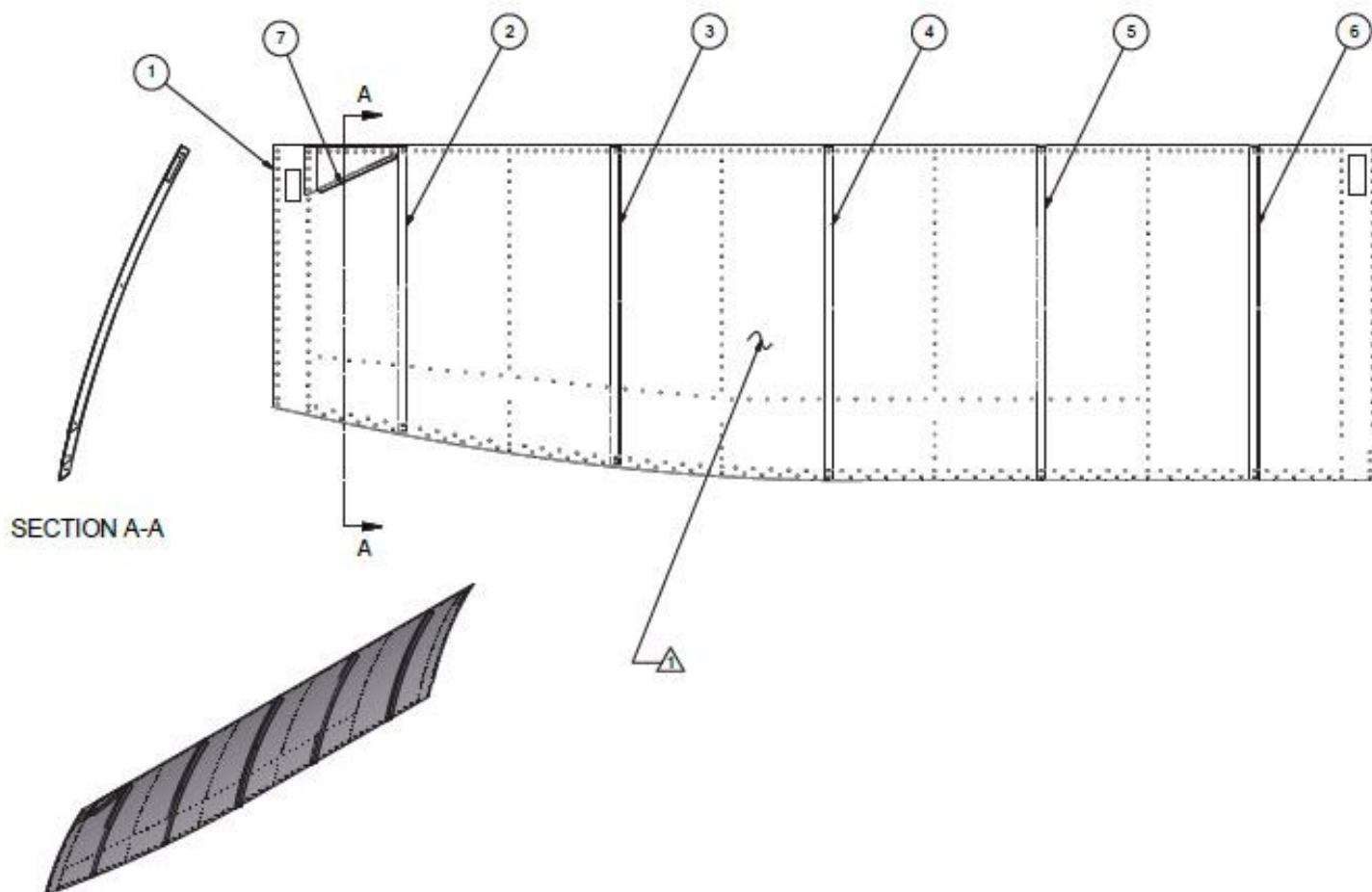
**SIDE SKIN ASSEMBLY FORWARD INBOARD RIGHT FLOAT**

| Parts List                                     |     |             |                                       |
|------------------------------------------------|-----|-------------|---------------------------------------|
| SIDE SKIN ASSEMBLY FORWARD INBOARD RIGHT FLOAT |     |             |                                       |
| ITEM                                           | QTY | PART NUMBER | DESCRIPTION                           |
| 1                                              | 1   | 1003192     | SKIN, SIDE, FWD, IBRD, RT FLT, 7000   |
| 2                                              | 1   | 1003796     | STIFFENER, FWD, FWD SIDE SKIN, LH FLT |
| 3                                              | 1   | 1003798     | STIFFENER, MID, FWD SIDE SKIN, LH FLT |
| 4                                              | 1   | 1003800     | STIFFENER, AFT, FWD SIDE SKIN, LH FLT |
| 5                                              | 1   | 1004200     | DOUBLER,BLKHD 4, FWD, RT FLT, 7000    |

**SIDE SKIN ASSEMBLY FORWARD OUTBOARD RIGHT FLOAT**



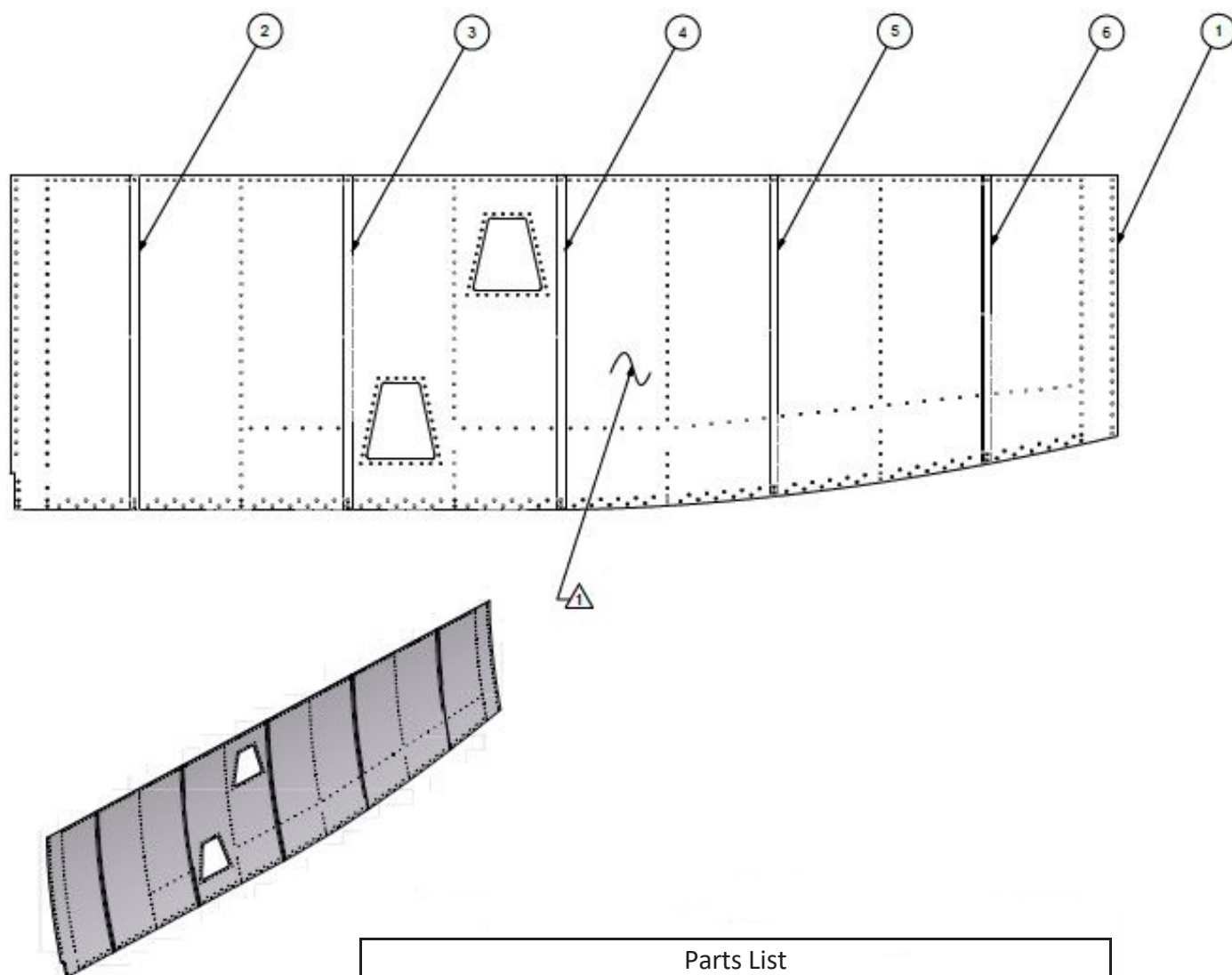
| Parts List                                      |     |             |                                       |
|-------------------------------------------------|-----|-------------|---------------------------------------|
| SIDE SKIN ASSEMBLY FORWARD OUTBOARD RIGHT FLOAT |     |             |                                       |
| ITEM                                            | QTY | PART NUMBER | DESCRIPTION                           |
| 1                                               | 1   | 1003190     | SKIN, SIDE, FWD, OBRD, RT FLT, 7000   |
| 2                                               | 1   | 1003797     | STIFFENER, FWD, FWD SIDE SKIN, RT FLT |
| 3                                               | 1   | 1003799     | STIFFENER, MID, FWD SIDE SKIN, RT FLT |
| 4                                               | 1   | 1003801     | STIFFENER, AFT, FWD SIDE SKIN         |

**SIDE SKIN ASSEMBLY MID INBOARD LEFT FLOAT**

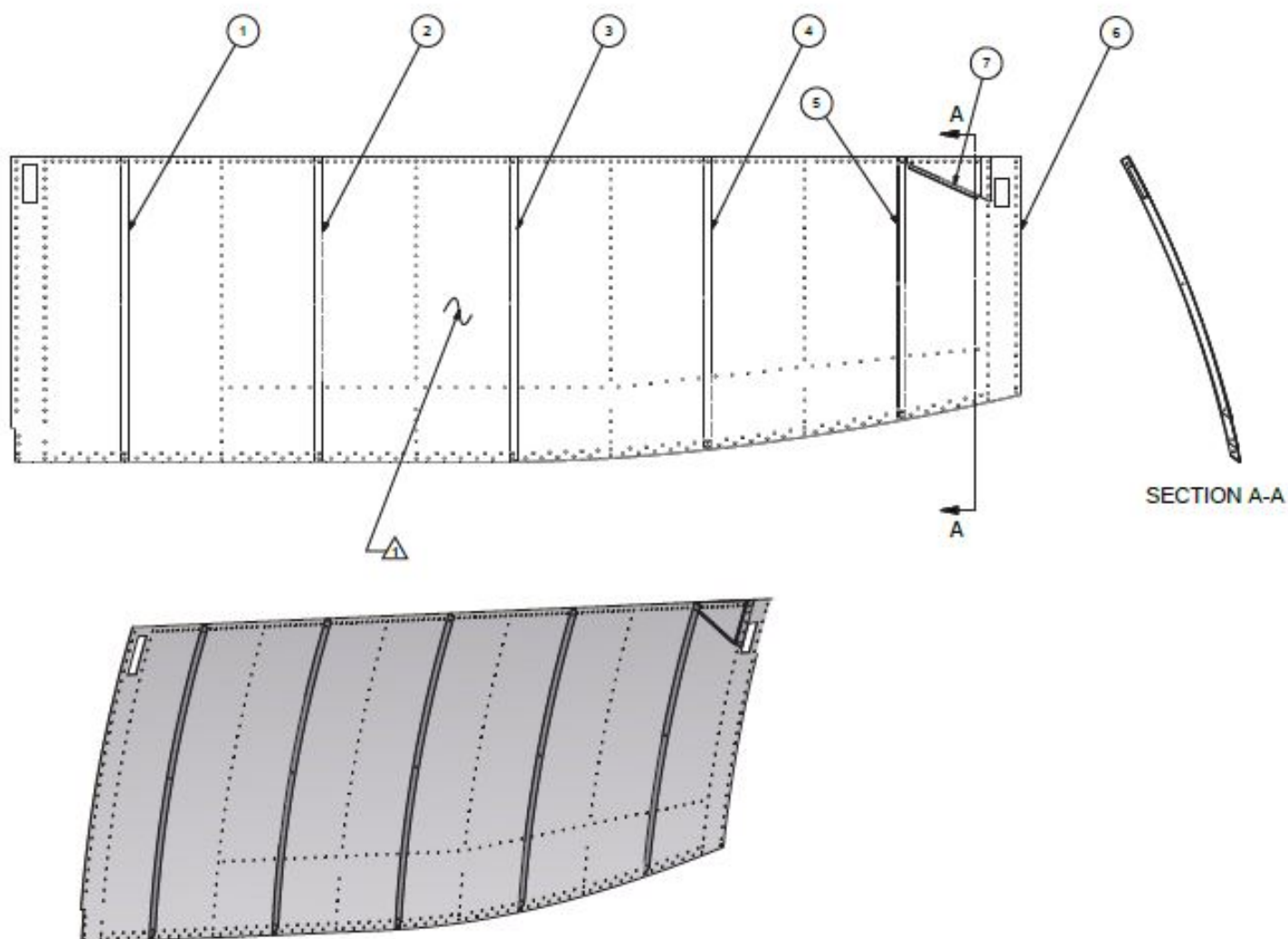
| Parts List                                |     |             |                                           |
|-------------------------------------------|-----|-------------|-------------------------------------------|
| SIDE SKIN ASSEMBLY MID INBOARD LEFT FLOAT |     |             |                                           |
| ITEM                                      | QTY | PART NUMBER | DESCRIPTION                               |
| 1                                         | 1   | 1003181     | SKIN, SIDE, MID, IBRD, 7000               |
| 2                                         | 1   | 1003574     | STIFFENER, SIDE SKIN, RH                  |
| 3                                         | 1   | 1003576     | STIFFENER, SIDE SKIN, RH                  |
| 4                                         | 1   | 1003578     | STIFFENER, SIDE SKIN, RH                  |
| 5                                         | 1   | 1003580     | STIFFENER, SIDE SKIN, RH                  |
| 6                                         | 1   | 1003582     | STIFFENER, SIDE SKIN, RH                  |
| 7                                         | 1   | 1004201     | DOUBLER, BLKHD 4, AFT, IBRD, LT FLT, 7000 |



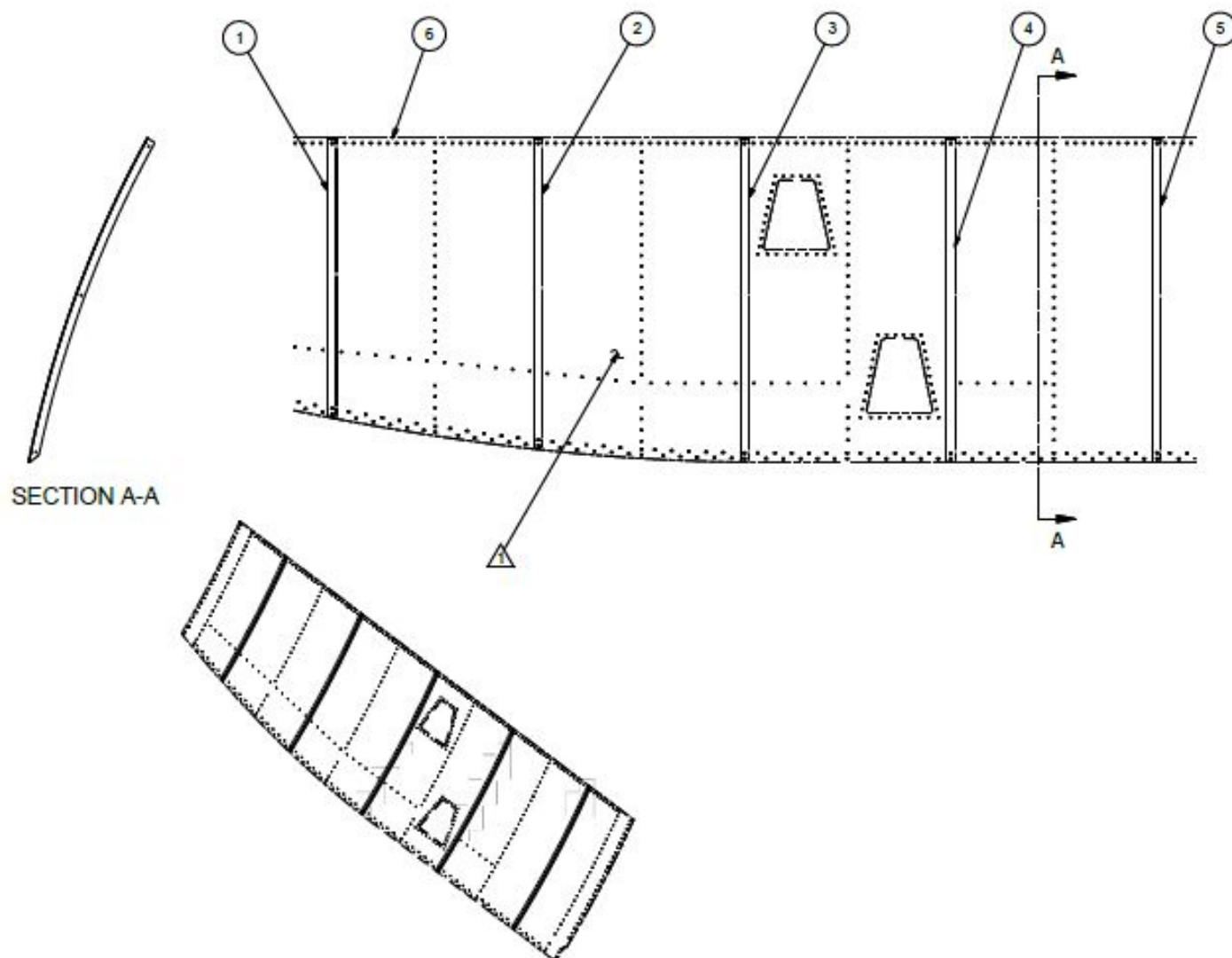
# SIDE SKIN ASSEMBLY MID OUTBOARD LEFT FLOAT



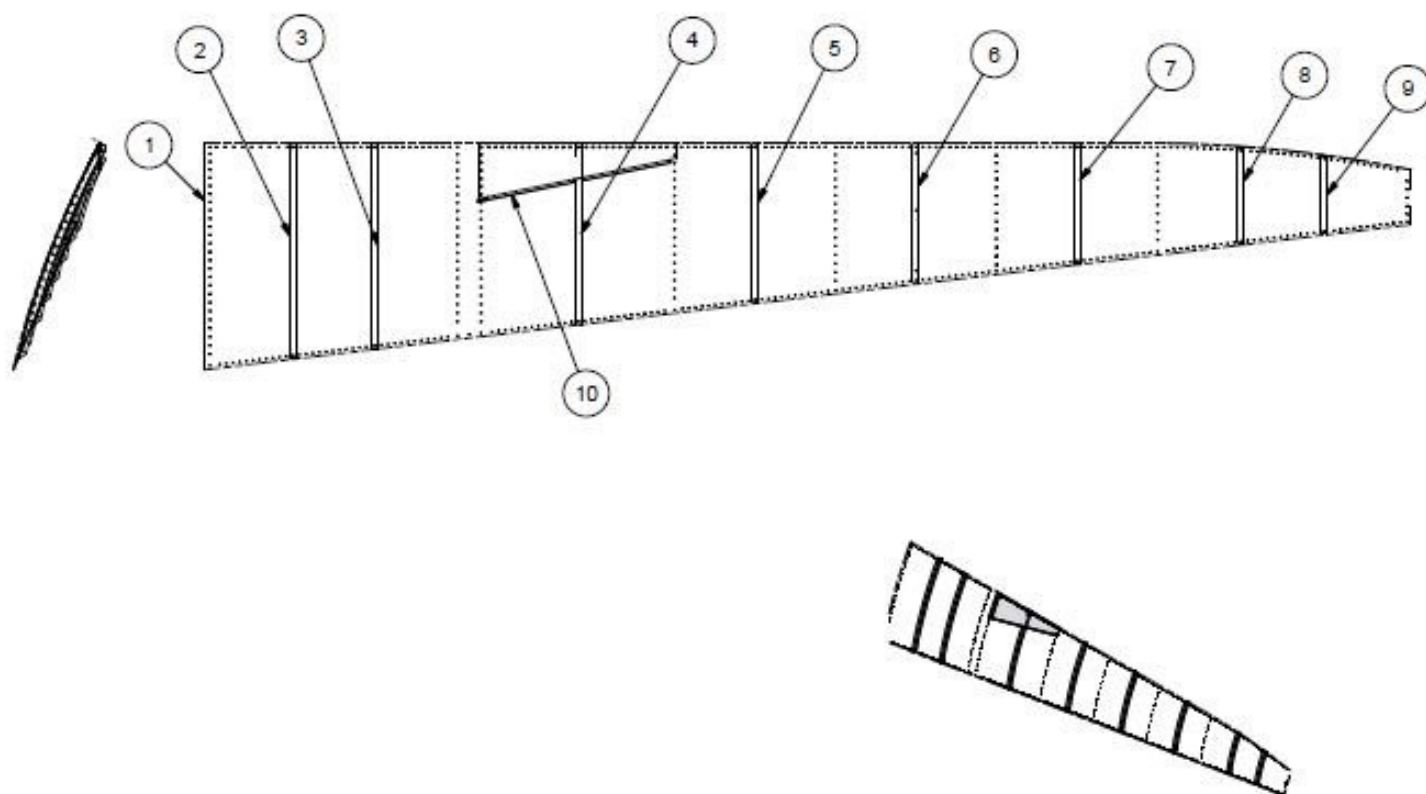
| Parts List                                 |     |             |                             |
|--------------------------------------------|-----|-------------|-----------------------------|
| SIDE SKIN ASSEMBLY MID OUTBOARD LEFT FLOAT |     |             |                             |
| ITEM                                       | QTY | PART NUMBER | DESCRIPTION                 |
| 1                                          | 1   | 1003178     | SKIN, SIDE, MID, OBRD, 7000 |
| 2                                          | 1   | 1003581     | STIFFENER, SIDE SKIN, LH    |
| 3                                          | 1   | 1003579     | STIFFENER, SIDE SKIN, LH    |
| 4                                          | 1   | 1003577     | STIFFENER, SIDE SKIN, LH    |
| 5                                          | 1   | 1003575     | STIFFENER, SIDE SKIN, LH    |
| 6                                          | 1   | 1003573     | STIFFENER, SIDE SKIN, LH    |

**SIDE SKIN ASSEMBLY MID INBOARD RIGHT FLOAT**

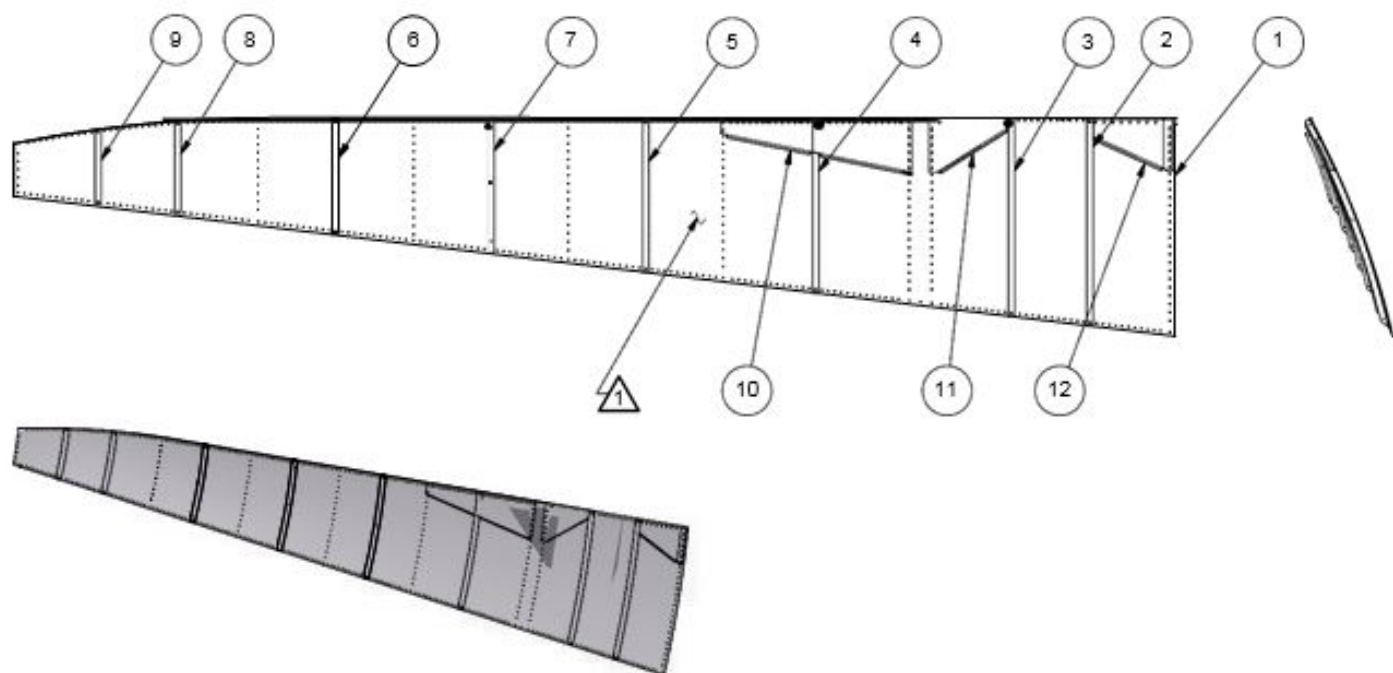
| Parts List                                 |     |             |                                           |
|--------------------------------------------|-----|-------------|-------------------------------------------|
| SIDE SKIN ASSEMBLY MID INBOARD RIGHT FLOAT |     |             |                                           |
| ITEM                                       | QTY | PART NUMBER | DESCRIPTION                               |
| 1                                          | 1   | 1003581     | STIFFENER, SIDE SKIN, LH                  |
| 2                                          | 1   | 1003579     | STIFFENER, SIDE SKIN, LH                  |
| 3                                          | 1   | 1003577     | STIFFENER, SIDE SKIN, LH                  |
| 4                                          | 1   | 1003575     | STIFFENER, SIDE SKIN, LH                  |
| 5                                          | 1   | 1003573     | STIFFENER, SIDE SKIN, LH                  |
| 6                                          | 1   | 1003181     | SKIN, SIDE, MID, IBRD, 7000               |
| 7                                          | 1   | 1004202     | DOUBLER, BLKHD 4, AFT, IBRD, RT FLT, 7000 |

**SIDE SKIN ASSEMBLY MID OUTBOARD RIGHT FLOAT**

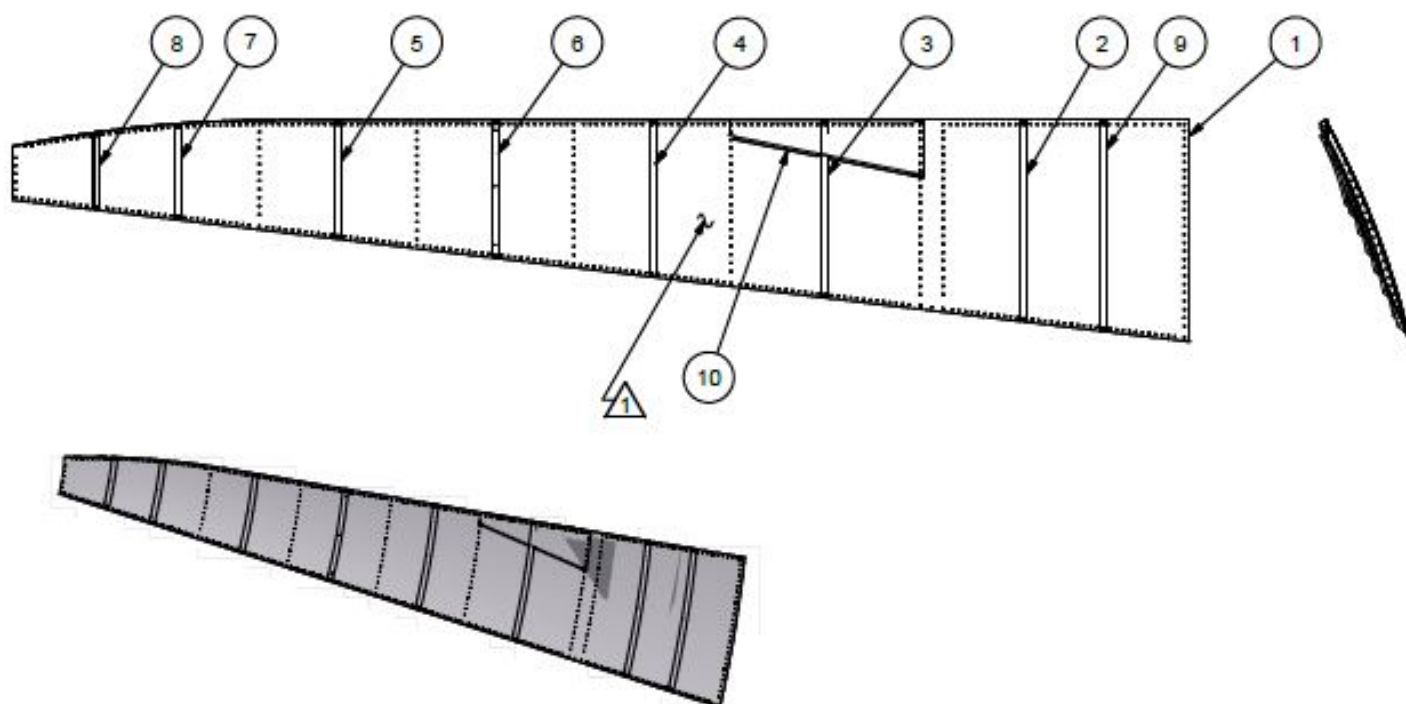
| Parts List                                  |     |             |                             |
|---------------------------------------------|-----|-------------|-----------------------------|
| SIDE SKIN ASSEMBLY MID OUTBOARD RIGHT FLOAT |     |             |                             |
| ITEM                                        | QTY | PART NUMBER | DESCRIPTION                 |
| 1                                           | 1   | 1003574     | STIFFENER, SIDE SKIN, RH    |
| 2                                           | 1   | 1003576     | STIFFENER, SIDE SKIN, RH    |
| 3                                           | 1   | 1003578     | STIFFENER, SIDE SKIN, RH    |
| 4                                           | 1   | 1003580     | STIFFENER, SIDE SKIN, RH    |
| 5                                           | 1   | 1003582     | STIFFENER, SIDE SKIN, RH    |
| 6                                           | 1   | 1003178     | SKIN, SIDE, MID, OBRD, 7000 |

**SIDE SKIN ASSEMBLY AFT INBOARD LEFT FLOAT**

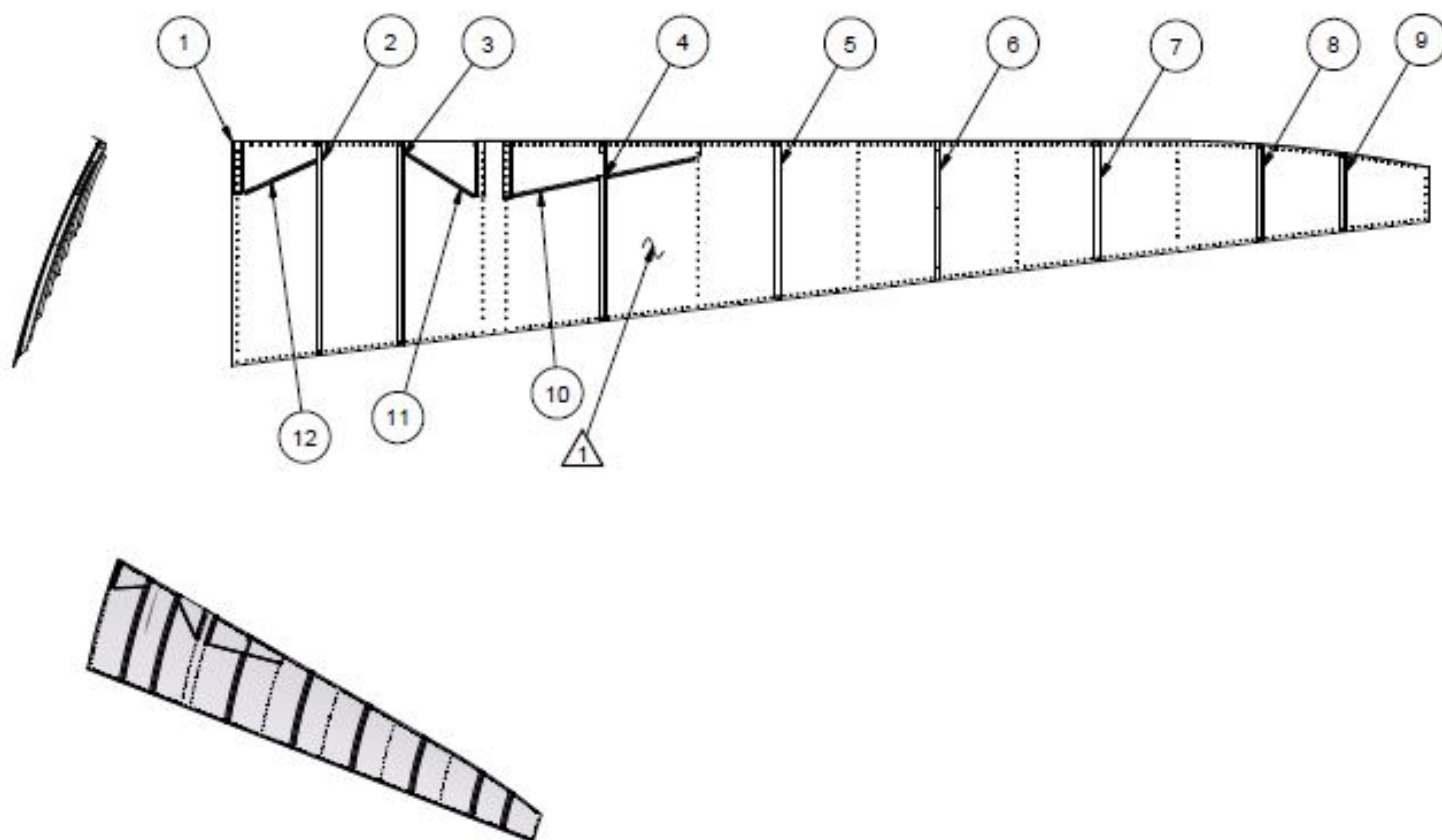
| Parts List                                |     |             |                                   |
|-------------------------------------------|-----|-------------|-----------------------------------|
| SIDE SKIN ASSEMBLY AFT INBOARD LEFT FLOAT |     |             |                                   |
| ITEM                                      | QTY | PART NUMBER | DESCRIPTION                       |
| 1                                         | 1   | 1003184     | SKIN, SIDE, AFT, 7000             |
| 2                                         | 1   | 1003584     | STIFFENER, SIDE SKIN, RH          |
| 3                                         | 1   | 1003586     | STIFFENER, SIDE SKIN, RH          |
| 4                                         | 1   | 1003588     | STIFFENER, SIDE SKIN, RH          |
| 5                                         | 1   | 1003590     | STIFFENER, SIDE SKIN, RH          |
| 6                                         | 1   | 1003592     | STIFFENER, SIDE SKIN, RH          |
| 7                                         | 1   | 1003594     | STIFFENER, SIDE SKIN, RH          |
| 8                                         | 1   | 1003596     | STIFFENER, SIDE SKIN, RH          |
| 9                                         | 1   | 1003598     | STIFFENER, SIDE SKIN, RH          |
| 10                                        | 1   | 1004236     | DOUBLER, BLKHD 11 TO 12, RT, 7000 |

**SIDE SKIN ASSEMBLY AFT OUTBOARD LEFT FLOAT**

| Parts List                                 |     |             |                                   |
|--------------------------------------------|-----|-------------|-----------------------------------|
| SIDE SKIN ASSEMBLY AFT OUTBOARD LEFT FLOAT |     |             |                                   |
| ITEM                                       | QTY | PART NUMBER | DESCRIPTION                       |
| 1                                          | 1   | 1003184     | SKIN, SIDE, AFT, 7000             |
| 2                                          | 1   | 1003583     | STIFFENER, SIDE SKIN, LH          |
| 3                                          | 1   | 1003585     | STIFFENER, SIDE SKIN, LH          |
| 4                                          | 1   | 1003587     | STIFFENER, SIDE SKIN, LH          |
| 5                                          | 1   | 1003589     | STIFFENER, SIDE SKIN, LH          |
| 6                                          | 1   | 1003593     | STIFFENER, SIDE SKIN, LH          |
| 7                                          | 1   | 1003591     | STIFFENER, SIDE SKIN, LH          |
| 8                                          | 1   | 1003595     | STIFFENER, SIDE SKIN, LH          |
| 9                                          | 1   | 1003597     | STIFFENER, SIDE SKIN, LH          |
| 10                                         | 1   | 1004235     | DOUBLER, BLKHD 11 TO 12, LT, 7000 |
| 11                                         | 1   | 1004184     | DOUBLER, BLKHD 11, LT FLT, 7000   |
| 12                                         | 1   | 1004192     | DOUBLER, BLKHD 10, LT FLT, 7000   |

**SIDE SKIN ASSEMBLY AFT INBOARD RIGHT FLOAT**

| Parts List                                 |     |             |                                   |
|--------------------------------------------|-----|-------------|-----------------------------------|
| SIDE SKIN ASSEMBLY AFT INBOARD RIGHT FLOAT |     |             |                                   |
| ITEM                                       | QTY | PART NUMBER | DESCRIPTION                       |
| 1                                          | 1   | 1003184     | SKIN, SIDE, AFT, 7000             |
| 2                                          | 1   | 1003585     | STIFFENER, SIDE SKIN, LH          |
| 3                                          | 1   | 1003587     | STIFFENER, SIDE SKIN, LH          |
| 4                                          | 1   | 1003589     | STIFFENER, SIDE SKIN, LH          |
| 5                                          | 1   | 1003593     | STIFFENER, SIDE SKIN, LH          |
| 6                                          | 1   | 1003591     | STIFFENER, SIDE SKIN, LH          |
| 7                                          | 1   | 1003595     | STIFFENER, SIDE SKIN, LH          |
| 8                                          | 1   | 1003597     | STIFFENER, SIDE SKIN, LH          |
| 9                                          | 1   | 1003583     | STIFFENER, SIDE SKIN, LH          |
| 10                                         | 1   | 1004235     | DOUBLER, BLKHD 11 TO 12, LT, 7000 |

**SIDE SKIN ASSEMBLY AFT OUTBOARD RIGHT FLOAT**

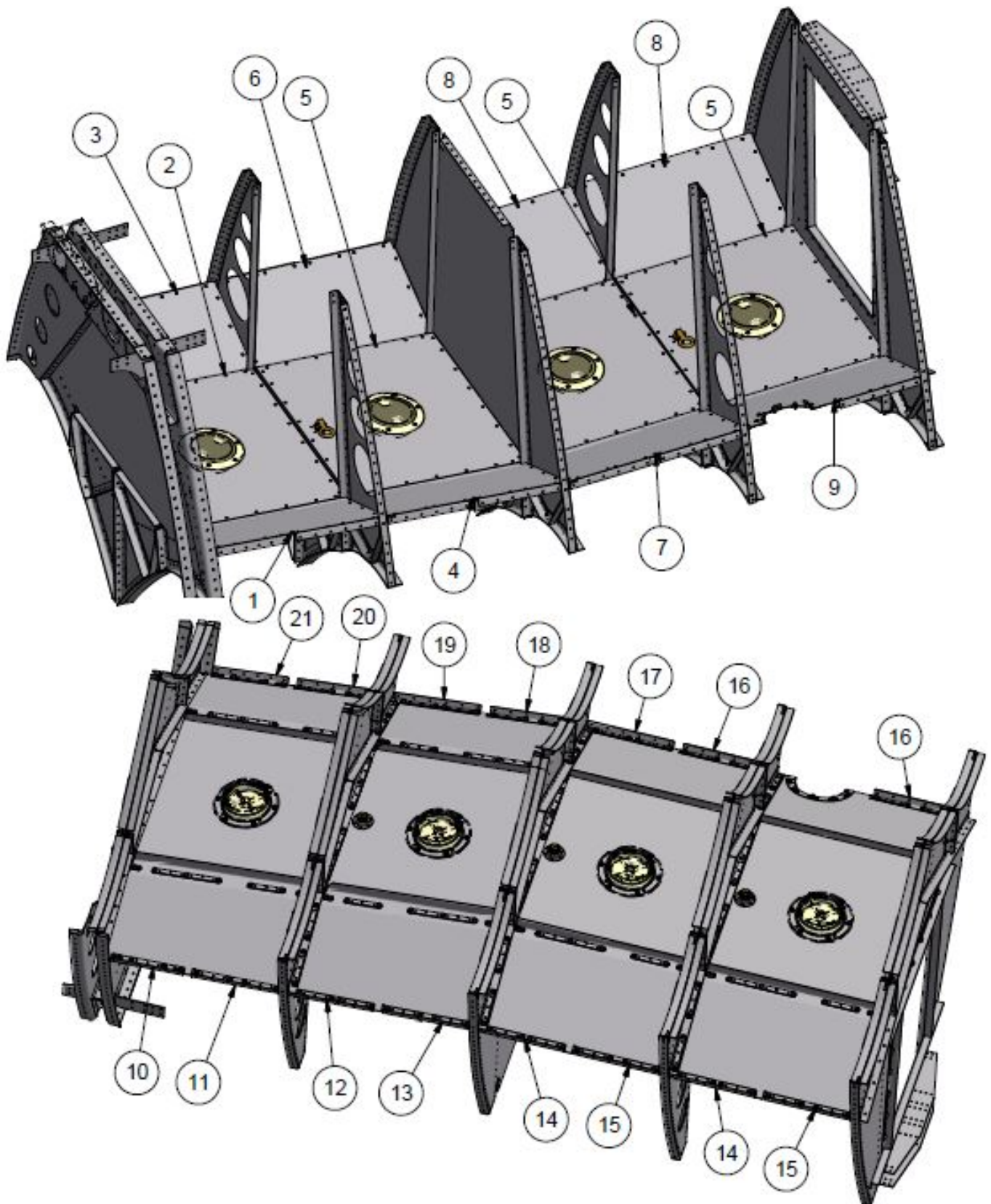
| Parts List                                  |     |             |                                   |
|---------------------------------------------|-----|-------------|-----------------------------------|
| SIDE SKIN ASSEMBLY AFT OUTBOARD RIGHT FLOAT |     |             |                                   |
| ITEM                                        | QTY | PART NUMBER | DESCRIPTION                       |
| 1                                           | 1   | 1003184     | SKIN, SIDE, AFT, RT, 7000         |
| 2                                           | 1   | 1003584     | STIFFENER, SIDE SKIN, RH          |
| 3                                           | 1   | 1003586     | STIFFENER, SIDE SKIN, RH          |
| 4                                           | 1   | 1003588     | STIFFENER, SIDE SKIN, RH          |
| 5                                           | 1   | 1003590     | STIFFENER, SIDE SKIN, RH          |
| 6                                           | 1   | 1003592     | STIFFENER, SIDE SKIN, RH          |
| 7                                           | 1   | 1003594     | STIFFENER, SIDE SKIN, RH          |
| 8                                           | 1   | 1003596     | STIFFENER, SIDE SKIN, RH          |
| 9                                           | 1   | 1003598     | STIFFENER, SIDE SKIN, RH          |
| 10                                          | 1   | 1004236     | DOUBLER, BLKHD 11 TO 12, RT, 7000 |
| 11                                          | 1   | 1004185     | DOUBLER, BLKHD 11, RT FLT, 7000   |
| 12                                          | 1   | 1004193     | DOUBLER, BLKHD 10, RT FLT, 7000   |

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## **SECTION 7: BAGGAGE FLOORS**

**BAGGAGE BAY FLOORS LEFT FLOAT**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>BAGGAGE BAY FLOORS LEFT FLOAT |     |             |                                             |
|---------------------------------------------|-----|-------------|---------------------------------------------|
| ITEM                                        | QTY | PART NUMBER | DESCRIPTION                                 |
| 1                                           | 1   | 1003827     | ASSEMBLY, FLOOR, BAGGAGE, SIDE, LH, 7000    |
| 1.1                                         | 1   | 1003567     | FLOOR, BAGGAGE, SIDE, LH                    |
| 1.2                                         | 1   | 1003693     | NUTPLATE, CORROSION RESISTANT, TRIPLE       |
| 1.3                                         | 1   | 1003692     | NUTPLATE, CORROSION RESISTANT, DOUBLE       |
| 1.4                                         | 2   | 1003691     | NUTPLATE, CORROSION RESISTANT, SINGLE       |
| 2                                           | 1   | 1004643     | ASSEMBLY, FLOOR, BAGGAGE, CENTER, FWD, 7000 |
| 2.1                                         | 1   | 1004642     | FLOOR, BAGGAGE, CENTER, FWD, 7000           |
| 2.2                                         | 1   | 1004593     | COVER, 4" INSPECTION                        |
| 2.3                                         | 1   | 1009941     | GASKET, INSPECTION COVER                    |
| 3                                           | 1   | 1003828     | ASSEMBLY, FLOOR, BAGGAGE, SIDE, RH, 7000    |
| 3.1                                         | 1   | 1003568     | FLOOR, BAGGAGE, SIDE, RH                    |
| 3.2                                         | 1   | 1003693     | NUTPLATE, CORROSION RESISTANT, TRIPLE       |
| 3.3                                         | 1   | 1003692     | NUTPLATE, CORROSION RESISTANT, DOUBLE       |
| 3.4                                         | 2   | 1003691     | NUTPLATE, CORROSION RESISTANT, SINGLE       |
| 4                                           | 1   | 1003826     | ASSEMBLY, FLOOR, BAGGAGE, SIDE, LH, 7000    |
| 4.1                                         | 1   | 1003565     | FLOOR, BAGGAGE, SIDE, LH                    |
| 4.2                                         | 1   | 1003693     | NUTPLATE, CORROSION RESISTANT, TRIPLE       |
| 4.3                                         | 1   | 1003692     | NUTPLATE, CORROSION RESISTANT, DOUBLE       |
| 4.4                                         | 2   | 1003691     | NUTPLATE, CORROSION RESISTANT, SINGLE       |
| 5                                           | 3   | 1004645     | ASSEMBLY, FLOOR, BAGGAGE, CENTER, AFT, 7000 |
| 5.1                                         | 1   | 1004644     | FLOOR, BAGGAGE, CENTER, AFT, 7000           |
| 5.2                                         | 1   | 1004593     | COVER, 4" INSPECTION                        |
| 5.3                                         | 1   | 1009941     | GASKET, INSPECTION COVER                    |
| 5.4                                         | 1   | 1004854     | PLUG REINFORCEMENT, BAGGAGE FLOOR           |
| 5.5                                         | 1   | 1004855     | DRAIN, PLUG, BAILER                         |
| 6                                           | 1   | 1003829     | ASSEMBLY, FLOOR, BAGGAGE, SIDE, RH, 7000    |
| 6.1                                         | 1   | 1003566     | FLOOR, BAGGAGE, SIDE, RH, 7000              |
| 6.2                                         | 1   | 1003693     | NUTPLATE, CORROSION RESISTANT, TRIPLE       |
| 6.3                                         | 1   | 1003692     | NUTPLATE, CORROSION RESISTANT, DOUBLE       |
| 6.4                                         | 2   | 1003691     | NUTPLATE, CORROSION RESISTANT, SINGLE       |
| 7                                           | 1   | 1003825     | ASSEMBLY, FLOOR, BAGGAGE, SIDE, LH, 7000    |
| 7.1                                         | 1   | 1003571     | FLOOR, BAGGAGE, SIDE, LH, 7000              |
| 7.2                                         | 1   | 1003693     | NUTPLATE, CORROSION RESISTANT, TRIPLE       |
| 7.3                                         | 1   | 1003692     | NUTPLATE, CORROSION RESISTANT, DOUBLE       |
| 7.4                                         | 2   | 1003691     | NUTPLATE, CORROSION RESISTANT, SINGLE       |
| 8                                           | 2   | 1003830     | ASSEMBLY, FLOOR, BAGGAGE, SIDE, RH, 7000    |
| 8.1                                         | 1   | 1003572     | FLOOR, BAGGAGE, SIDE, RH, 7000              |
| 8.2                                         | 1   | 1003693     | NUTPLATE, CORROSION RESISTANT, TRIPLE       |
| 8.3                                         | 1   | 1003692     | NUTPLATE, CORROSION RESISTANT, DOUBLE       |
| 8.4                                         | 2   | 1003691     | NUTPLATE, CORROSION RESISTANT, SINGLE       |
| 9                                           | 1   | 1004081     | ASSEMBLY, PANEL POCKET, LT FLT, 7000        |
| 9.1                                         | 1   | 1003804     | FLOOR, BAGGAGE, SIDE, W STEP, OBRD, LT FLT  |
| 9.2                                         | 1   | 1003808     | ASSEMBLY, STEP TIE, 7000                    |
| 9.2.1                                       | 1   | 1003806     | BRACKET, STEP TIE , BAG FLR, 7000           |

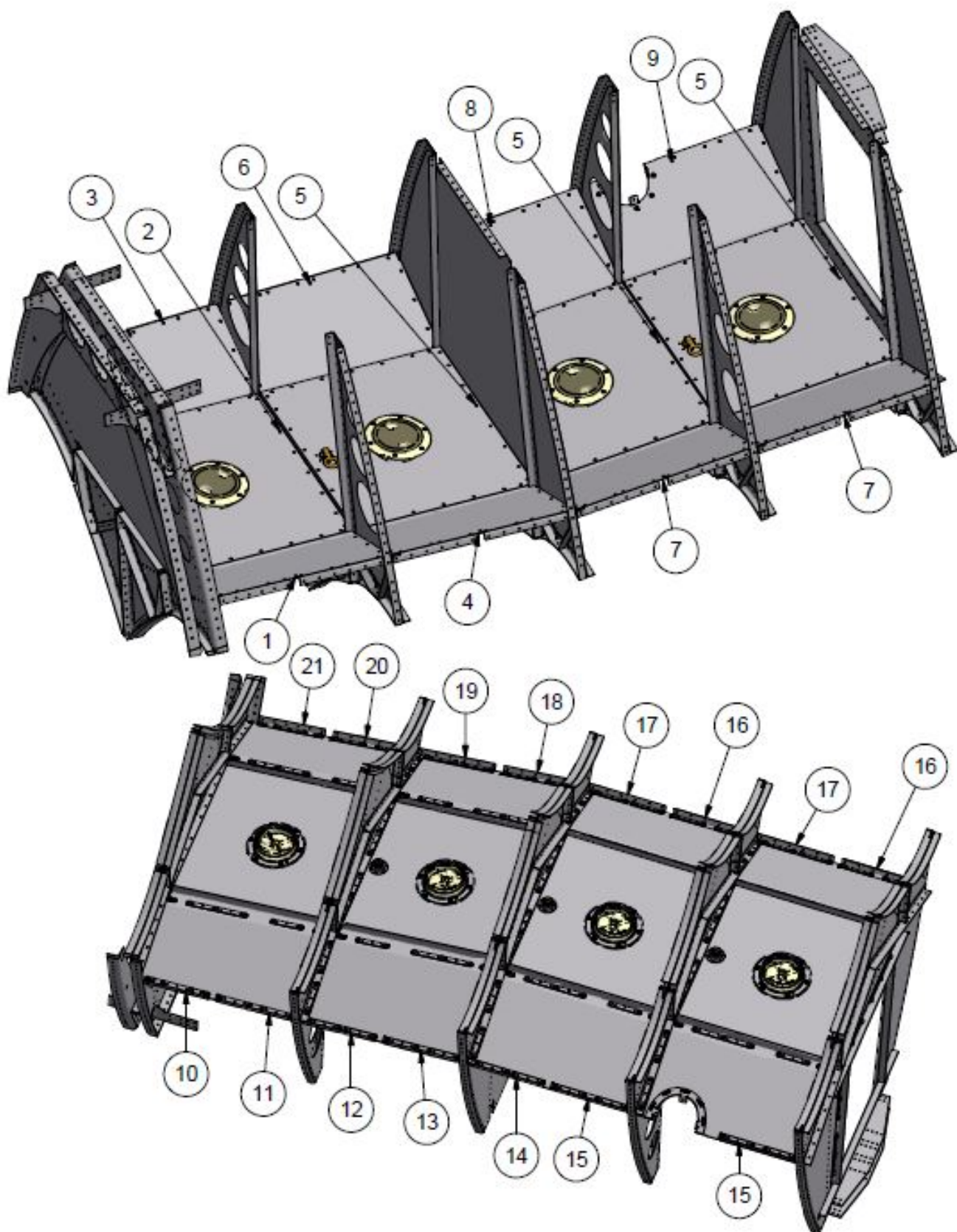
# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                    |   |         |                                                  |
|-------------------------------|---|---------|--------------------------------------------------|
| BAGGAGE BAY FLOORS LEFT FLOAT |   |         |                                                  |
| 9.3                           | 1 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 9.4                           | 1 | 1003693 | NUTPLATE, CORROSION RESISTANT, TRIPLE            |
| 9.5                           | 2 | 1003691 | NUTPLATE, CORROSION RESISTANT, SINGLE            |
| 10                            | 1 | 1003842 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, RH, 7000 |
| 10.1                          | 1 | 1003660 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, RH            |
| 10.2                          | 1 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 10.3                          | 2 | 1003691 | NUTPLATE, CORROSION RESISTANT, SINGLE            |
| 11                            | 1 | 1003841 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, RH, 7000 |
| 11.1                          | 1 | 1003656 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, RH            |
| 11.2                          | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 12                            | 1 | 1003840 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, RH, 7000 |
| 12.1                          | 1 | 1003686 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, RH            |
| 12.2                          | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 13                            | 1 | 1003839 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, RH, 7000 |
| 13.1                          | 1 | 1003652 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, RH            |
| 13.2                          | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 14                            | 2 | 1003838 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, RH, 7000 |
| 14.1                          | 1 | 1003654 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, RH            |
| 14.2                          | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 15                            | 2 | 1003837 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, RH, 7000 |
| 15.1                          | 1 | 1003600 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, RH            |
| 15.2                          | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 16                            | 2 | 1003831 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, LH, 7000 |
| 16.1                          | 1 | 1003599 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, LH            |
| 16.2                          | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 17                            | 1 | 1003832 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, LH, 7000 |
| 17.1                          | 1 | 1003653 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, LH            |
| 17.2                          | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 18                            | 1 | 1003833 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, LH, 7000 |
| 18.1                          | 1 | 1003651 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, LH            |
| 18.2                          | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 19                            | 1 | 1003834 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, LH, 7000 |
| 19.1                          | 1 | 1003685 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, LH            |
| 19.2                          | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 20                            | 1 | 1003835 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, LH, 7000 |
| 20.1                          | 1 | 1003655 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, LH            |
| 20.2                          | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 21                            | 1 | 1003836 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, LH, 7000 |
| 21.1                          | 1 | 1003659 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, LH            |
| 21.2                          | 1 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 21.3                          | 2 | 1003691 | NUTPLATE, CORROSION RESISTANT, SINGLE            |

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**BAGGAGE BAY FLOORS RIGHT FLOAT**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                     |     |             |                                             |
|--------------------------------|-----|-------------|---------------------------------------------|
| BAGGAGE BAY FLOORS RIGHT FLOAT |     |             |                                             |
| ITEM                           | QTY | PART NUMBER | DESCRIPTION                                 |
| 1                              | 1   | 1003827     | ASSEMBLY, FLOOR, BAGGAGE, SIDE, LH, 7000    |
| 1.1                            | 1   | 1003567     | FLOOR, BAGGAGE, SIDE, LH                    |
| 1.2                            | 1   | 1003693     | NUTPLATE, CORROSION RESISTANT, TRIPLE       |
| 1.3                            | 1   | 1003692     | NUTPLATE, CORROSION RESISTANT, DOUBLE       |
| 1.4                            | 2   | 1003691     | NUTPLATE, CORROSION RESISTANT, SINGLE       |
| 2                              | 1   | 1004643     | ASSEMBLY, FLOOR, BAGGAGE, CENTER, FWD, 7000 |
| 2.1                            | 1   | 1004642     | FLOOR, BAGGAGE, CENTER, FWD, 7000           |
| 2.2                            | 1   | 1004593     | COVER, 4" INSPECTION                        |
| 2.3                            | 1   | 1009941     | GASKET, INSPECTION COVER                    |
| 3                              | 1   | 1003828     | ASSEMBLY, FLOOR, BAGGAGE, SIDE, RH, 7000    |
| 3.1                            | 1   | 1003568     | FLOOR, BAGGAGE, SIDE, RH                    |
| 3.2                            | 1   | 1003693     | NUTPLATE, CORROSION RESISTANT, TRIPLE       |
| 3.3                            | 1   | 1003692     | NUTPLATE, CORROSION RESISTANT, DOUBLE       |
| 3.4                            | 2   | 1003691     | NUTPLATE, CORROSION RESISTANT, SINGLE       |
| 4                              | 1   | 1003826     | ASSEMBLY, FLOOR, BAGGAGE, SIDE, LH, 7000    |
| 4.1                            | 1   | 1003565     | FLOOR, BAGGAGE, SIDE, LH                    |
| 4.2                            | 1   | 1003693     | NUTPLATE, CORROSION RESISTANT, TRIPLE       |
| 4.3                            | 1   | 1003692     | NUTPLATE, CORROSION RESISTANT, DOUBLE       |
| 4.4                            | 2   | 1003691     | NUTPLATE, CORROSION RESISTANT, SINGLE       |
| 5                              | 3   | 1004645     | ASSEMBLY, FLOOR, BAGGAGE, CENTER, AFT, 7000 |
| 5.1                            | 1   | 1004644     | FLOOR, BAGGAGE, CENTER, AFT, 7000           |
| 5.2                            | 1   | 1004593     | COVER, 4" INSPECTION                        |
| 5.3                            | 1   | 1009941     | GASKET, INSPECTION COVER                    |
| 5.4                            | 1   | 1004854     | PLUG REINFORCEMENT, BAGGAGE FLOOR           |
| 5.5                            | 1   | 1004855     | DRAIN PLUG, BAILER                          |
| 6                              | 1   | 1003829     | ASSEMBLY, FLOOR, BAGGAGE, SIDE, RH, 7000    |
| 6.1                            | 1   | 1003566     | FLOOR, BAGGAGE, SIDE, RH, 7000              |
| 6.2                            | 1   | 1003693     | NUTPLATE, CORROSION RESISTANT, TRIPLE       |
| 6.4                            | 1   | 1003692     | NUTPLATE, CORROSION RESISTANT, DOUBLE       |
| 6.5                            | 2   | 1003691     | NUTPLATE, CORROSION RESISTANT, SINGLE       |
| 7                              | 2   | 1003825     | ASSEMBLY, FLOOR, BAGGAGE, SIDE, LH, 7000    |
| 7.1                            | 1   | 1003571     | FLOOR, BAGGAGE, SIDE, LH, 7000              |
| 7.2                            | 1   | 1003693     | NUTPLATE, CORROSION RESISTANT, TRIPLE       |
| 7.3                            | 1   | 1003692     | NUTPLATE, CORROSION RESISTANT, DOUBLE       |
| 7.4                            | 2   | 1003691     | NUTPLATE, CORROSION RESISTANT, SINGLE       |

# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                     |   |         |                                                  |
|--------------------------------|---|---------|--------------------------------------------------|
| BAGGAGE BAY FLOORS RIGHT FLOAT |   |         |                                                  |
| 8                              | 1 | 1003830 | ASSEMBLY, FLOOR, BAGGAGE, SIDE, RH, 7000         |
| 8.1                            | 1 | 1003572 | FLOOR, BAGGAGE, SIDE, RH, 7000                   |
| 8.2                            | 1 | 1003693 | NUTPLATE, CORROSION RESISTANT, TRIPLE            |
| 8.3                            | 1 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 8.4                            | 2 | 1003691 | NUTPLATE, CORROSION RESISTANT, SINGLE            |
| 9                              | 1 | 1004082 | ASSEMBLY, PANEL POCKET, RT FLT, 7000             |
| 9.1                            | 1 | 1003805 | FLOOR, BAGGAGE, SIDE, W STEP, OBRD, RT FLT       |
| 9.2                            | 1 | 1003808 | ASSEMBLY, STEP TIE, 7000                         |
| 9.2.1                          | 1 | 1003806 | BRACKET, STEP TIE , BAG FLR, 7000                |
| 9.3                            | 1 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 9.4                            | 2 | 1003691 | NUTPLATE, CORROSION RESISTANT, SINGLE            |
| 9.5                            | 1 | 1003693 | NUTPLATE, CORROSION RESISTANT, TRIPLE            |
| 10                             | 1 | 1003842 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, RH, 7000 |
| 10.1                           | 1 | 1003660 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, RH            |
| 10.2                           | 1 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 10.3                           | 2 | 1003691 | NUTPLATE, CORROSION RESISTANT, SINGLE            |
| 11                             | 1 | 1003841 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, RH, 7000 |
| 11.1                           | 1 | 1003656 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, RH            |
| 11.2                           | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 12                             | 1 | 1003840 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, RH, 7000 |
| 12.1                           | 1 | 1003686 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, RH            |
| 12.2                           | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 13                             | 1 | 1003839 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, RH, 7000 |
| 13.1                           | 1 | 1003652 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, RH            |
| 13.2                           | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 14                             | 1 | 1003838 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, RH, 7000 |
| 14.1                           | 1 | 1003654 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, RH            |
| 14.2                           | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 15                             | 2 | 1003837 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, RH, 7000 |
| 15.1                           | 1 | 1003600 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, RH            |
| 15.2                           | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 16                             | 2 | 1003831 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, LH, 7000 |
| 16.1                           | 1 | 1003599 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, LH            |
| 16.2                           | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 17                             | 2 | 1003832 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, LH, 7000 |
| 17.1                           | 1 | 1003653 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, LH            |
| 17.2                           | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 18                             | 1 | 1003833 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, LH, 7000 |



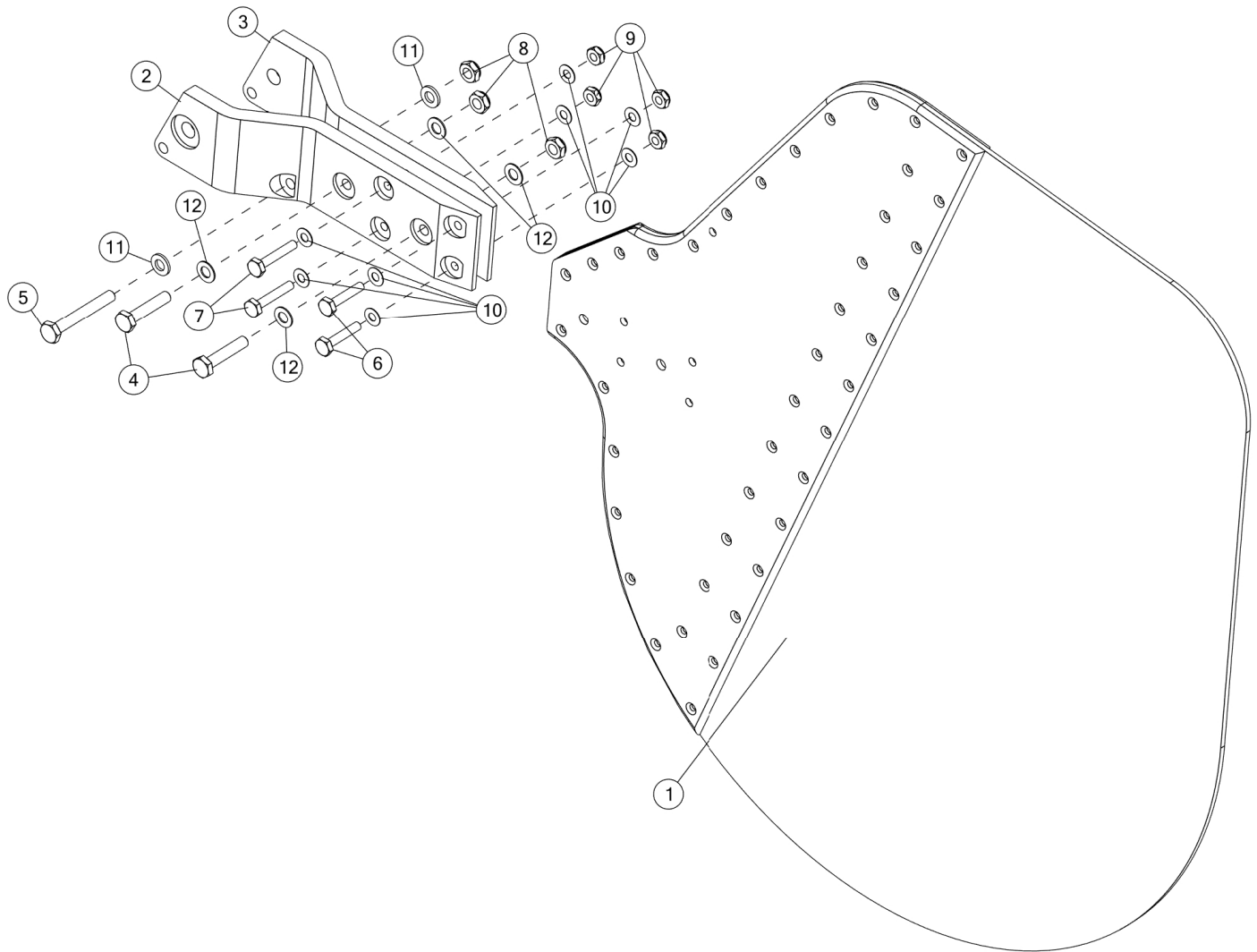
# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                     |   |         |                                                  |
|--------------------------------|---|---------|--------------------------------------------------|
| BAGGAGE BAY FLOORS RIGHT FLOAT |   |         |                                                  |
| 18.1                           | 1 | 1003651 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, LH            |
| 18.2                           | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 19                             | 1 | 1003834 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, LH, 7000 |
| 19.1                           | 1 | 1003685 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, LH            |
| 19.2                           | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 20                             | 1 | 1003835 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, LH, 7000 |
| 20.1                           | 1 | 1003655 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, LH            |
| 20.2                           | 2 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 21                             | 1 | 1003836 | ASSEMBLY, SUPPORT, BAGGAGE FLOOR, SIDE, LH, 7000 |
| 21.1                           | 1 | 1003659 | SUPPORT, BAGGAGE FLOOR, SIDE SKIN, LH            |
| 21.2                           | 1 | 1003692 | NUTPLATE, CORROSION RESISTANT, DOUBLE            |
| 21.3                           | 2 | 1003691 | NUTPLATE, CORROSION RESISTANT, SINGLE            |

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## **SECTION 8: WATER RUDDER**

**WATER RUDDER ASSEMBLY WITH DOUBLERS AND ARMS ASSEMBLY**  
**8A08000-079**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                                               |     |               |                                                       |
|----------------------------------------------------------|-----|---------------|-------------------------------------------------------|
| WATER RUDDER WITH DOUBLERS AND ARMS ASSEMBLY 8A08000-079 |     |               |                                                       |
| ITEM                                                     | QTY | PART NUMBER   | DESCRIPTION                                           |
| 1                                                        | 1   | 8A08000-023   | WATER RUDDER BLADE ASSEMBLY WITH DOUBLERS             |
| 2                                                        | 1   | 8A08044-001   | ARM, WATER RUDDER LT.                                 |
| 3                                                        | 1   | 8A08044-002   | ARM, WATER RUDDER RT.                                 |
| 4                                                        | 2   | AN4-12A       | BOLT, ¼-28 THREAD, 13/16" GRIP, 1-9/32" LENGTH        |
| 5                                                        | 1   | AN4-17A       | BOLT ¼-28 THREAD, 1-7/16" GRIP, 1-29/32" LENGTH       |
| 6                                                        | 2   | AN3-10A       | BOLT 10-32, LENGTH +/- 1/64 – 1-1/32 GRIP, LENGTH 5/8 |
| 7                                                        | 2   | AN3-11A       | BOLT 10-32 THREAD, ¾" GRIP, 1-5/32" LENGTH            |
| 8                                                        | 3   | NAS679A4W     | NUT, SELF LOCKING                                     |
| 9                                                        | 4   | NAS679A3W     | NUT, SELF LOCKING                                     |
| 10                                                       | 8   | NAS1149D0316J | WASHER, ALUMINUM                                      |
| 11                                                       | 2   | NAS1149D0463J | WASHER, ALUMINUM                                      |
| 12                                                       | 4   | NAS1149D0416J | WASHER, ALUMINUM                                      |

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## **SECTION 9: LANDING GEAR**





# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

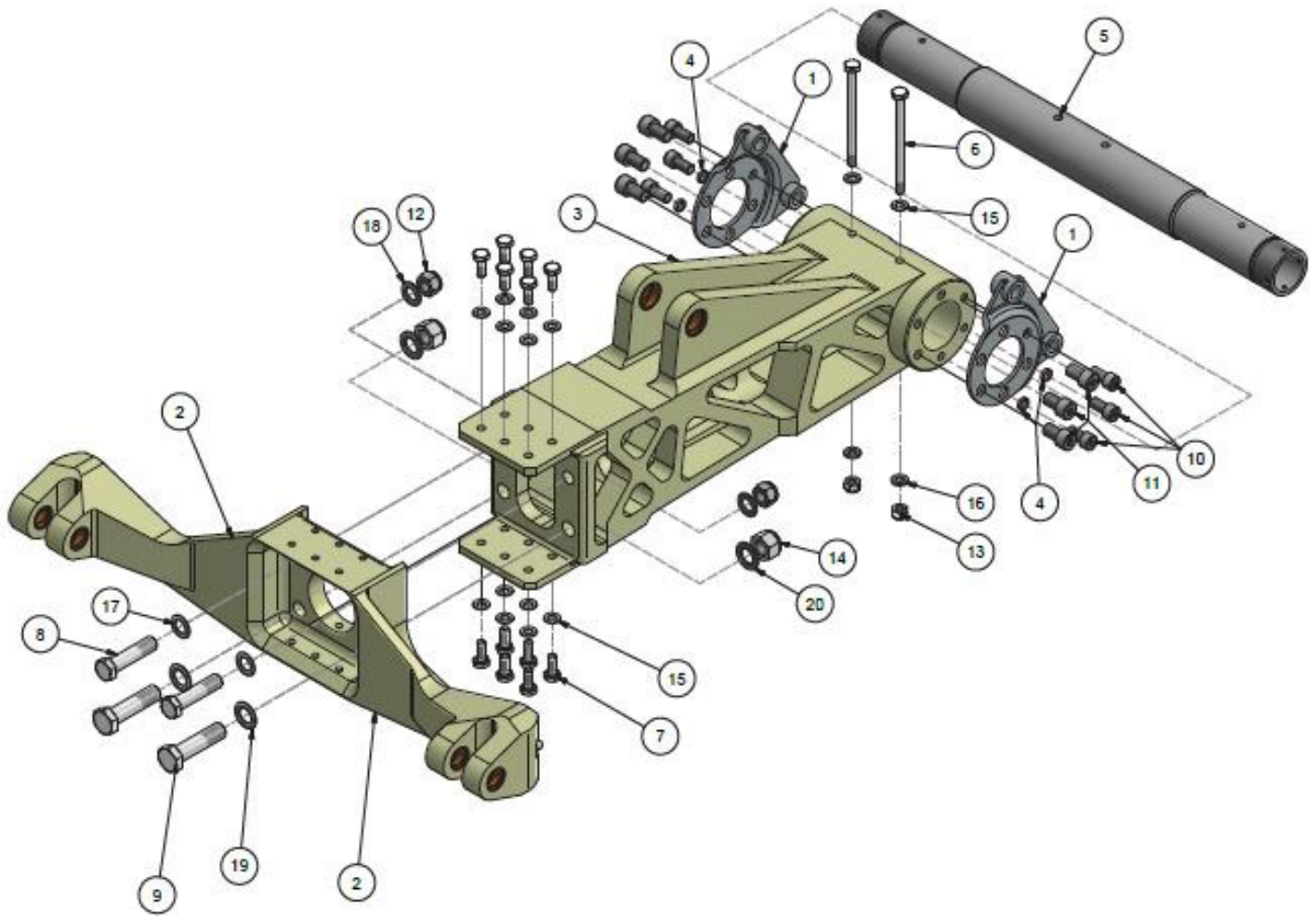
| Parts List<br>MAIN GEAR ASSEMBLY |     |               |                                            |
|----------------------------------|-----|---------------|--------------------------------------------|
| ITEM                             | QTY | PART NUMBER   | DESCRIPTION                                |
| 1                                | 1   | 1004350       | ASSEMBLY, OLEO, SHOCK STRUT                |
| 2                                | 1   | 1002600       | ASSEMBLY, TOP ARM, MAIN GEAR               |
| 3                                | 1   | 1002597       | MOUNT, TOP, MAIN GEAR, 7000                |
| 4                                | 1   | 1003510       | ASSEMBLY, ROTARY ACTUATOR, MAIN GR, KODIAK |
| 5                                | 1   | 1004396       | MAIN GEAR ASSEMBLY, WITH WHEELS            |
| 6                                | 1   | AN12-35A      | BOLT                                       |
| 7                                | 2   | NAS1149F1290P | WASHER                                     |
| 8                                | 1   | MS21044N12    | NUT                                        |
| 9                                | 2   | 1004016       | ROTATION ARM, ACTUATOR, MAIN GEAR          |
| 10                               | 2   | 1004015       | ASSEMBLY, LINKAGE ROD, MAIN GEAR           |
| 11                               | 1   | 1004379       | ASSEMBLY, GEAR INDICATOR, LEFT FLOAT       |
|                                  | 1   | 1004380       | ASSEMBLY, GEAR INIDCATOR, RIGHT FLOAT      |
| 12                               | 1   | 1004457       | ASSEMBLY, DOWN STOP, LH, MAIN GEAR         |
| 13                               | 1   | 1004127       | SPACER, GEAR INDICATOR                     |
| 14                               | 4   | NAS1149F1290P | WASHER                                     |
| 15                               | 2   | MS21044N12    | NUT                                        |
| 16                               | 1   | AN12-60A      | BOLT                                       |
| 17                               | 10  | NAS1149F0432P | WASHER                                     |
| 18                               | 8   | NAS1149F0632P | WASHER                                     |
| 19                               | 10  | NAS1149F0463P | WASHER                                     |
| 20                               | 8   | MS21044N4     | NUT                                        |
| 21                               | 2   | AN4-14A       | BOLT                                       |
| 22                               | 2   | AN4-13A       | BOLT                                       |
| 23                               | 3   | NAS1149F0363P | WASHER                                     |
| 24                               | 2   | AN3-16A       | BOLT                                       |
| 25                               | 1   | AN3-6A        | BOLT                                       |
| 26                               | 4   | MS21083N3     | NUT                                        |
| 27                               | 3   | NAS1149F0332P | WASHER                                     |
| 28                               | 2   | AN4-12A       | BOLT                                       |
| 29                               | 1   | AN44-C5A      | EYE BOLT                                   |
| 30                               | 1   | 1004384       | SPACER, MAIN GEAR SPRING                   |
| 31                               | 1   | 1004385       | LINK, MAIN GEAR SPRING                     |

# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>MAIN GEAR ASSEMBLY |     |               |                                     |
|----------------------------------|-----|---------------|-------------------------------------|
| ITEM                             | QTY | PART NUMBER   | DESCRIPTION                         |
| 33                               | 2   | AN10-40       | BOLT                                |
| 34                               | 4   | NAS1149F1032P | WASHER                              |
| 35                               | 4   | NAS1149F1063P | WASHER                              |
| 36                               | 4   | AN310-10      | NUT                                 |
| 37                               | 2   | 1004475       | PROXIMITY SWITCH, KODIAK            |
| 38                               | 1   | AN3-14A       | BOLT                                |
| 39                               | 1   | AN12-53A      | BOLT                                |
| 40                               | 2   | MS21044N8     | NUT                                 |
| 41                               | 2   | AN8-30A       | BOLT                                |
| 42                               | 2   | NAS1149F0863P | WASHER                              |
| 43                               | 2   | AN10-30A      | BOLT                                |
| 44                               | 4   | MS21044N6     | NUT                                 |
| 45                               | 6   | NAS1149F0532P | WASHER                              |
| 46                               | 2   | AN5-11A       | BOLT                                |
| 47                               | 2   | AN5-10A       | BOLT                                |
| 48                               | 1   | AN5-6A        | BOLT                                |
| 49                               | 3   | NAS1149F0663P | WASHER                              |
| 50                               | 2   | NAS1149F0832P | WASHER                              |
| 51                               | 1   | AN4-6A        | BOLT                                |
| 52                               | 1   | AN4-5A        | BOLT                                |
| 53                               | 1   | 1004387       | MOUNT, PROXIMITY SENSOR, LH         |
| 54                               | 2   | AN6-21A       | BOLT                                |
| 55                               | 1   | 1004581       | PLACARD, UP GEAR INICATOR, LH       |
| 56                               | 1   | 1004580       | PLACARD, UP GEAR INDICATOR, RH      |
| 57                               | 1   | 1004579       | PLACARD, DOWN GEAR INDICATOR, RH    |
| 58                               | 1   | 1004578       | PLACARD, DOWN GEAR INDICATOR, LH    |
| 59                               | 1   | 1004928       | BRACKET, ARM, TOP, MAIN GEAR, RIGHT |
| 60                               | 1   | 1004927       | BRACKET, ARM, TOP, MAIN GEAR, LEFT  |
| 61                               | 2   | AN4-15A       | BOLT                                |
| 62                               | 1   | 1004929       | FLAG, PROXIMITY SENSOR, LEFT        |
| 63                               | 1   | MS35333-38    | STAR WASHER                         |
| 64                               | 1   | MS16997-31    | SCREW, CAP, SOCKET HEAD             |
| 65                               | 4   | AN6H10A       | BOLT                                |
| 66                               | 2   | AN6-16A       | BOLT                                |
| 67                               | 2   | MS24665-285   | COTTER PIN (NOT SHOWN)              |

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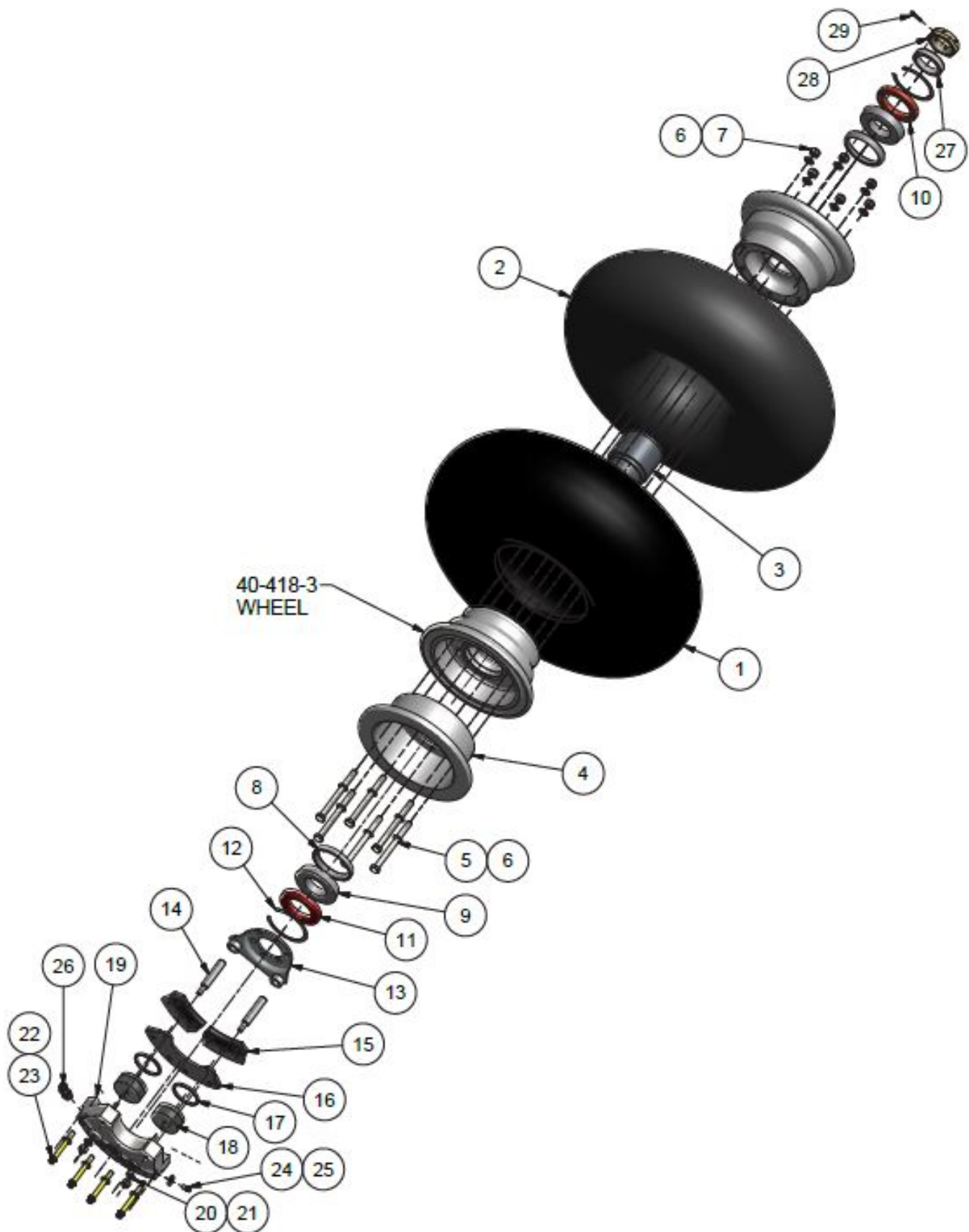
# MAIN GEAR AXLE ASSEMBLY



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

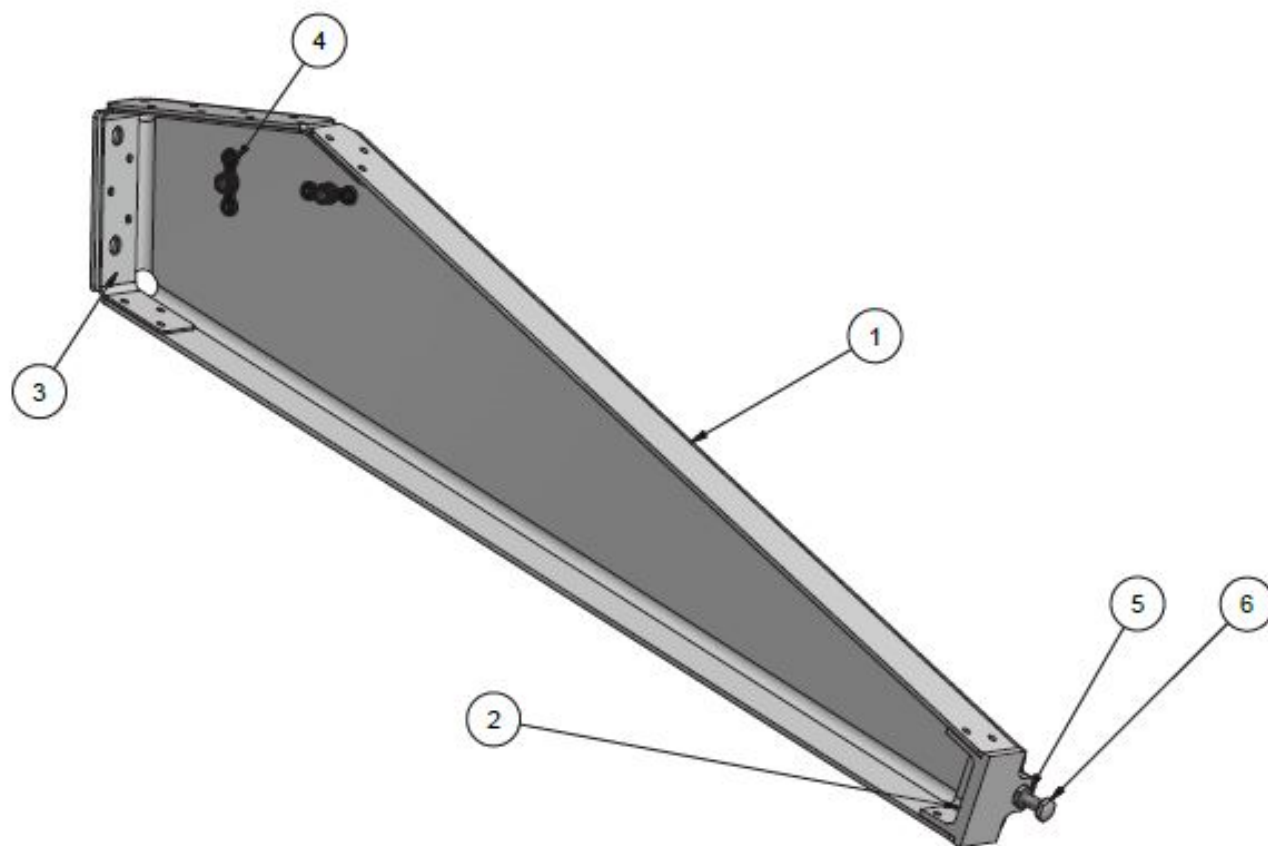
| Parts List<br>MAIN GEAR AXLE ASSEMBLY |     |               |                                 |
|---------------------------------------|-----|---------------|---------------------------------|
| ITEM                                  | QTY | PART NUMBER   | DESCRIPTION                     |
| 1                                     | 2   | 075-20700     | TORQUE PLATE                    |
| 2                                     | 1   | 1002595       | ASSEMBLY, PIVOT LINK, MAIN GEAR |
| 3                                     | 1   | 1004471       | ASSEMBLY, DRAG LINK, MAIN GEAR  |
| 4                                     | 4   | 30A04523-002  | BUSHING, TORQUE PLATE           |
| 5                                     | 1   | 6A04510-001   | AXLE, MAIN WHEEL                |
| 6                                     | 2   | AN4-34A       | BOLT                            |
| 7                                     | 12  | AN4-5A        | BOLT                            |
| 8                                     | 2   | AN7-16A       | BOLT                            |
| 9                                     | 2   | AN8-17A       | BOLT                            |
| 10                                    | 6   | MS16997-77    | SOCKET HEAD CAP SCREW           |
| 11                                    | 6   | MS16997-96    | SOCKET HEAD CAP SCREW           |
| 12                                    | 2   | MS20365-720A  | NUT, SELF LOCKING               |
| 13                                    | 2   | MS21044N4     | NUT                             |
| 14                                    | 2   | MS21044N8     | NUT                             |
| 15                                    | 14  | NAS1149F0432P | WASHER                          |
| 16                                    | 2   | NAS1149F0463P | WASHER                          |
| 17                                    | 2   | NAS1149F0732P | WASHER                          |
| 18                                    | 2   | NAS1149F0763P | WASHER                          |
| 19                                    | 2   | NAS1149F0832P | WASHER                          |
| 20                                    | 2   | NAS1149F0863P | WASHER                          |

# MAIN GEAR WHEEL ASSEMBLY



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>MAIN WHEEL ASSEMBLY |     |               |                                        |
|-----------------------------------|-----|---------------|----------------------------------------|
| ITEM                              | QTY | PART NUMBER   | DESCRIPTION                            |
|                                   |     | 8A04000-031   | MAIN WHEEL ASSEMBLY                    |
|                                   |     | 40-418-3      | WHEEL ASSEMBLY COMPLETE                |
|                                   | 1   | 161-19900     | WHEEL HALF, INNER                      |
|                                   | 1   | 162-19900     | WHEEL HALF, OUTER                      |
| 1                                 | 1   | AA1E6         | TIRE, 6.00 X 6-8                       |
| 2                                 | 1   | XA1AD         | TUBE, 6.00 X 6                         |
| 3                                 | 1   | 067-14700     | GREASE RTNR                            |
| 4                                 | 1   | 164-24500     | BRAKE DISC, FOR NEW ALUMINUM WHEELS    |
| 5                                 | 6   | AN5-35A       | BOLT                                   |
| 6                                 | 12  | NAS1149D0563J | WASHER                                 |
| 7                                 | 6   | MS21044N5     | NUT                                    |
| 8                                 | 2   | 13836         | BEARING CUP, TIMKEN                    |
| 9                                 | 2   | 13889         | BEARING CONE, TIMKEN                   |
| 10                                | 1   | 472439        | SEAL, OUTBOARD, W/#50 HOLE             |
| 11                                | 1   | 473232        | SEAL, INBOARD                          |
| 12                                | 2   | 155-143       | SNAP RING                              |
|                                   |     | 6A04000-104   | BRAKE ASSEMBLY, RH                     |
|                                   |     | 6A04000-105   | BRAKE ASSEMBLY, LH                     |
|                                   |     | 30-241        | BRAKE ASSEMBLY COMPLETE                |
| 13                                | 1   | 075-20700     | TORQUE PLATE                           |
| 14                                | 2   | 069-03100     | ANCHOR BOLT                            |
| 15                                | 2   | 074-02900     | BACK PLATE ASSEMBLY                    |
|                                   | 1   | 066-10500     | BRAKE LINING                           |
|                                   | 2   | 105-00200     | RIVET, BRAKE PAD                       |
| 16                                | 1   | 073-04200     | PRESSURE PLATE ASSEMBLY                |
|                                   | 2   | 066-10500     | BRAKE LINING                           |
|                                   | 4   | 105-00200     | RIVET, BRAKE PAD                       |
| 17                                | 2   | MS28775-222   | O-RING                                 |
| 18                                | 2   | 062-10700     | BRAKE PISTON                           |
| 19                                | 1   | 091-21600     | CYLINDER                               |
| 20                                | 2   | NAS1149F0463P | WASHER                                 |
| 21                                | 2   | MS21044N4     | NUT                                    |
| 22                                | 4   | MS20002C4     | WASHER, COUNTER SUNK                   |
| 23                                | 4   | MS21250H04026 | BOLT, EXTERNAL WRENCHING. 10-32 UNF 3A |
| 24                                | 1   | 079-00300     | SCREW BLEEDER                          |
| 25                                | 1   | 081-00200     | SEAT BLEEDER                           |
| 26                                | 1   | 104-04700     | FITTING                                |
|                                   | 1   | MS28775-011   | O-RING                                 |
| 27                                | 1   | 6A04093-002   | AXLE SPACER, MAIN WHEEL                |
| 28                                | 1   | MS21025-24    | NUT, AXLE                              |
| 29                                | 1   | MS24665-349   | COTTER PIN                             |

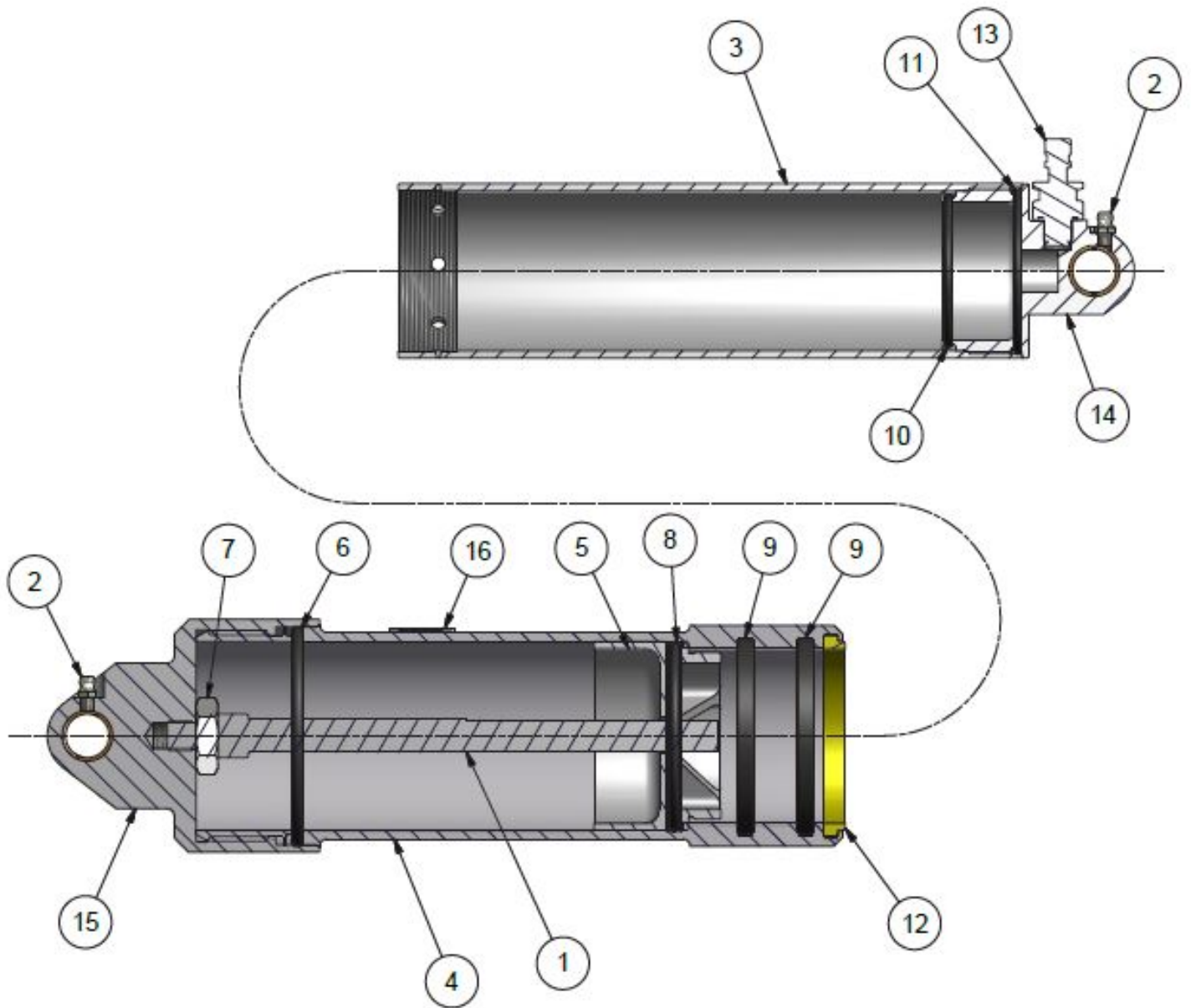
**DOWN STOP ASSEMBLY MAIN GEAR LEFT**

| Parts List                        |     |             |                                         |
|-----------------------------------|-----|-------------|-----------------------------------------|
| DOWN STOP ASSEMBLY MAIN GEAR LEFT |     |             |                                         |
| ITEM                              | QTY | PART NUMBER | DESCRIPTION                             |
| 1                                 | 1   | 1004453     | DOWN STOP, LH, MAIN GEAR                |
| 2                                 | 1   | 1004455     | ADJUSTMENT, LH, DOWN STOP, MAIN GEAR    |
| 3                                 | 1   | 1004451     | REINFORCEMENT, LH, DOWN STOP, MAIN GEAR |
| 4                                 | 2   | MS21047L4   | NUT PLATE, SELF LOCKING                 |
| 5                                 | 1   | AN316-4R    | NUT                                     |
| 6                                 | 1   | NAS428-4-10 | ADJUSTING BOLT                          |



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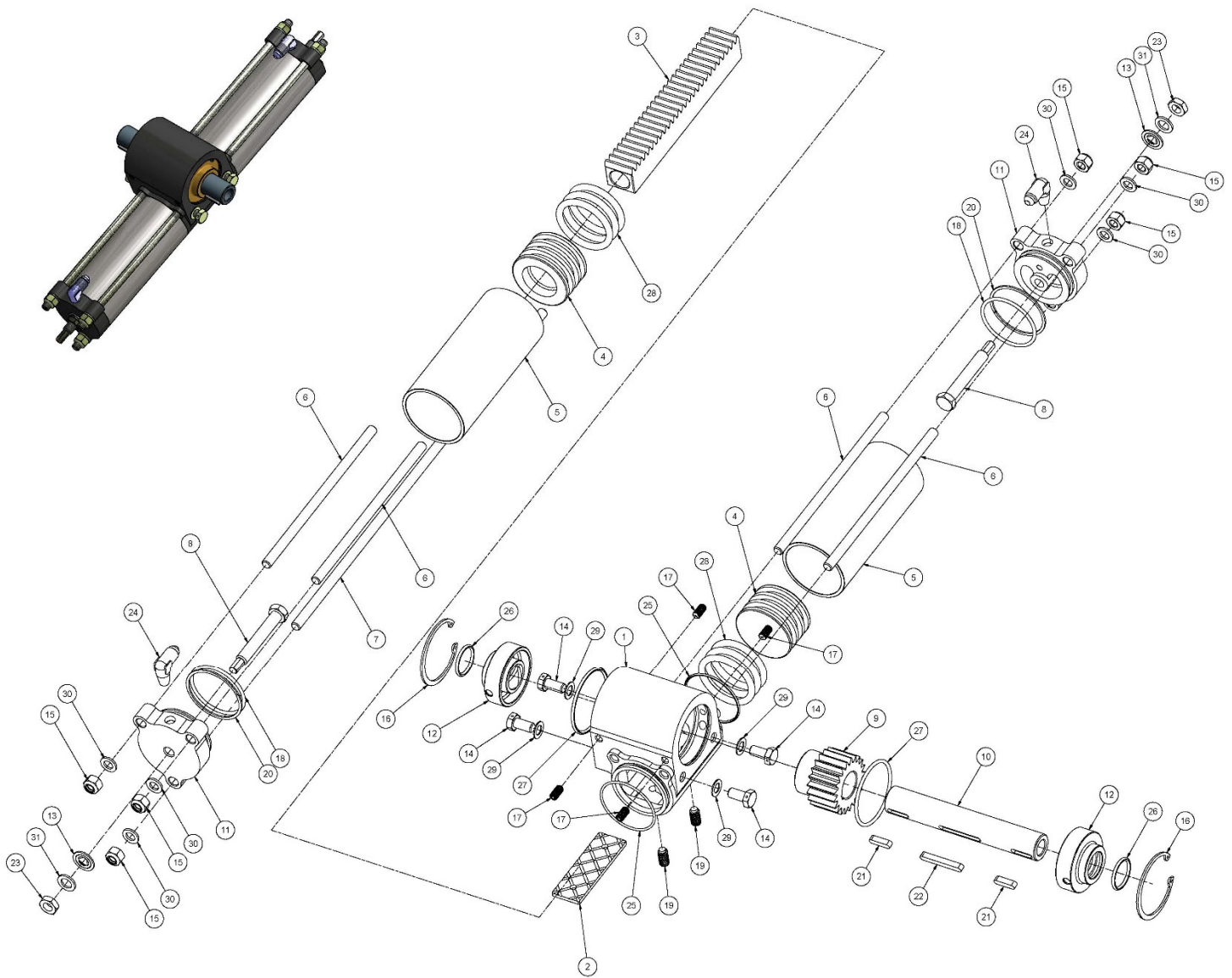
**OLEO SHOCK STRUT ASSEMBLY**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>OLEO SHOCK STRUT ASSEMBLY |     |             |                                  |
|-----------------------------------------|-----|-------------|----------------------------------|
| ITEM                                    | QTY | PART NUMBER | DESCRIPTION                      |
| 1                                       | 1   | 1002568     | METERING PIN, 7000 OLEO          |
| 2                                       | 2   | 1095K41     | COMMON GREASEZERK                |
| 3                                       | 1   | 1002564     | CYLINDER, OLEO, INNER, MAIN GEAR |
| 4                                       | 1   | 1002567     | CYLINDER, OUTER, OLEO, MAIN GEAR |
| 5                                       | 1   | 1002569     | PISTON, OLEO CYLINDER,MAIN GEAR  |
| 6                                       | 1   | MS28775-340 | "O" RING                         |
| 7                                       | 1   | AN316-12R   | NUT                              |
| 8                                       | 1   | 1002028     | PISTON, T-SEAL                   |
| 9                                       | 2   | 1001929     | ROD, T-SEAL                      |
| 10                                      | 1   | MS28775-229 | "O" RING                         |
| 11                                      | 1   | MS28775-231 | "O" RING                         |
| 12                                      | 1   | 8881910     | WIPER (HALLITE INC)              |
| 13                                      | 1   | MS28889-2   | VALVE                            |
| 14                                      | 1   | 1004353     | ASSEMBLY, END, TOP, OLEO         |
| 15                                      | 1   | 1004352     | ASSEMBLY, END, BOTTOM, OLEO      |
| 16                                      | 1   | 1004637     | PLACARD, HYDRAULIC CYLINDER      |

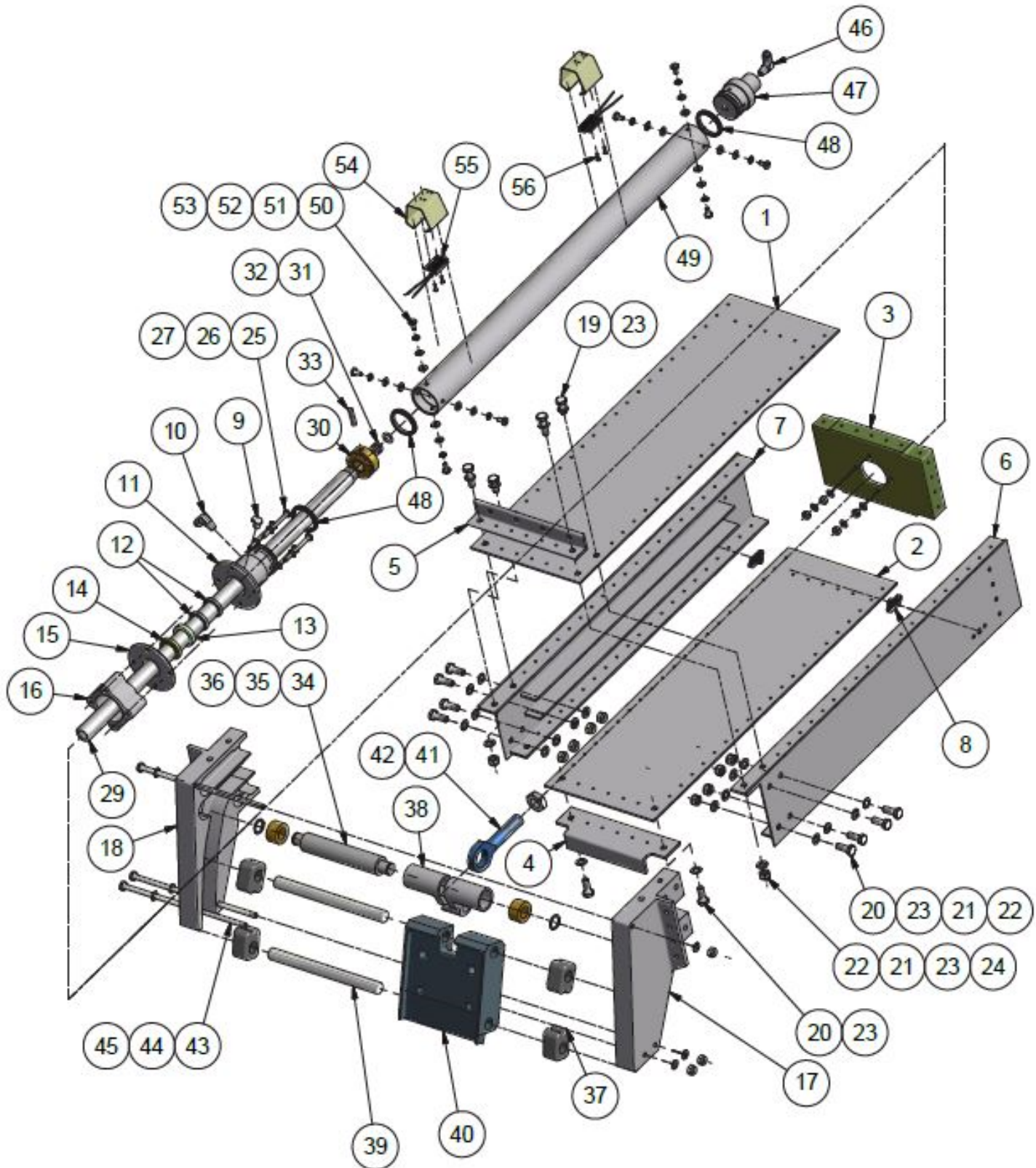
ROTARY ACTUATOR MAIN GEAR ASSEMBLY



WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| PARTS LIST<br>ASS'Y., ROTARY ACTUATOR, MAIN GEAR |     |               |                                                              |
|--------------------------------------------------|-----|---------------|--------------------------------------------------------------|
| ITEM                                             | QTY | PART NUMBER   | DESCRIPTION                                                  |
|                                                  | 1   | 1003510       | ASS'Y., ROTARY ACTUATOR, MAIN GEAR                           |
| 1                                                | 1   | 1003501       | HOUSING, ROTARY ACT, MAIN GR, KODIAK                         |
| 2                                                | 1   | 1003502       | WEAR STRIP, ROTARY ACTR, MAIN GR, KODIAK                     |
| 3                                                | 1   | 1003505       | RACK, MOD, ROTARY ACTR, MAIN GR, KODIAK                      |
| 4                                                | 2   | 1003506       | PISTON, ROTARY ACTUATOR, MAIN GEAR                           |
| 5                                                | 2   | 1003507       | CYLINDER, ROTARY ACTR, MAIN GR, KODIAK                       |
| 6                                                | 4   | 1003509       | TIE ROD, ROTARY ACTR, MAIN GR, KODIAK                        |
| 7                                                | 1   | 1003511       | ROD, LG, ROTARY ACTR, MAIN GR, KODIAK                        |
| 8                                                | 2   | 1004297       | ADJUSTMENT BOLT, 3/8-24 UNF X 2.25 LG , 18-8 SST,            |
| 9                                                | 1   | 1004362       | SPUR GEAR, PDIA 1.75, BORE .875, STL                         |
| 10                                               | 1   | 1008020       | SHAFT, ROTARY ACTUATOR, MAIN GEAR                            |
| 11                                               | 2   | 1008030       | CYLINDER CAP, ROTARY ACTUATOR                                |
| 12                                               | 2   | 1008433       | BUSHING, ROTARY ACTUATOR, MAIN GEAR                          |
| 13                                               | 2   | 750-0002-3/8  | WASHER, THREDSEAL, 3/8 ID, STEEL                             |
| 14                                               | 4   | 90121A999     | BOLT, .312-18 UNC X .625 LG ,W/HOLE IN HEAD, SST             |
| 15                                               | 6   | 90715A135     | NUT, HEX, NYLON LOC, 5/16-18UNC, 316 SST                     |
| 16                                               | 2   | 91580A246     | SNAP RING, INTERN, 2.000 DIA, GRV WD .068, SST               |
| 17                                               | 4   | 92313A413     | SET SCREW, 1/4-28 UNF X .50 LG 316 SS                        |
| 18                                               | 2   | 9464K133      | SEAL, O RING, 1.799 ID, 2.005 OD, BLK, VITON, 75 DURO        |
| 19                                               | 2   | 95235A543     | SET SCREW, 5/16-18 UNC X .62 LG, DOG PNT, STL, BLK OXIDE     |
| 20                                               | 2   | 9560K529      | BACKUP RING, 2.006 OD, 1.834 ID, .050 THK, EXTR HARD         |
| 21                                               | 2   | 98870A570     | KEY, 3/16 X 3/16 X .75 LG, 1018 STL, OVERSIZED, ROUNDED ENDS |
| 22                                               | 1   | 98870A575     | KEY, 3/16 X 3/16 X 1.50 LG, 1018 STL, .002 OVER SIZED        |
| 23                                               | 2   | AN316C6R      | NUT                                                          |
| 24                                               | 2   | MS20822-4D    | ELBOW                                                        |
| 25                                               | 2   | MS28775-032   | "O" RING, HYDRAULIC                                          |
| 26                                               | 2   | MS28775-118   | "O" RING, HYDRAULIC                                          |
| 27                                               | 2   | MS28775-136   | "O" RING, HYDRAULIC                                          |
| 28                                               | 6   | MS28775-326   | "O" RING, HYDRAULIC                                          |
| 29                                               | 4   | NAS1149C0532R | WASHER, 0.328 ID, 0.032 THK, STAINLESS STEEL                 |
| 30                                               | 6   | NAS1149C0563R | WASHER, 0.328 ID, 0.063 THK, STAINLESS STEEL                 |
| 31                                               | 2   | NAS1149C0663R | WASHER, 0.39 ID, 0.063 THK, STAINLESS STEEL                  |

**NOSE GEAR ACTUATOR ASSEMBLY**

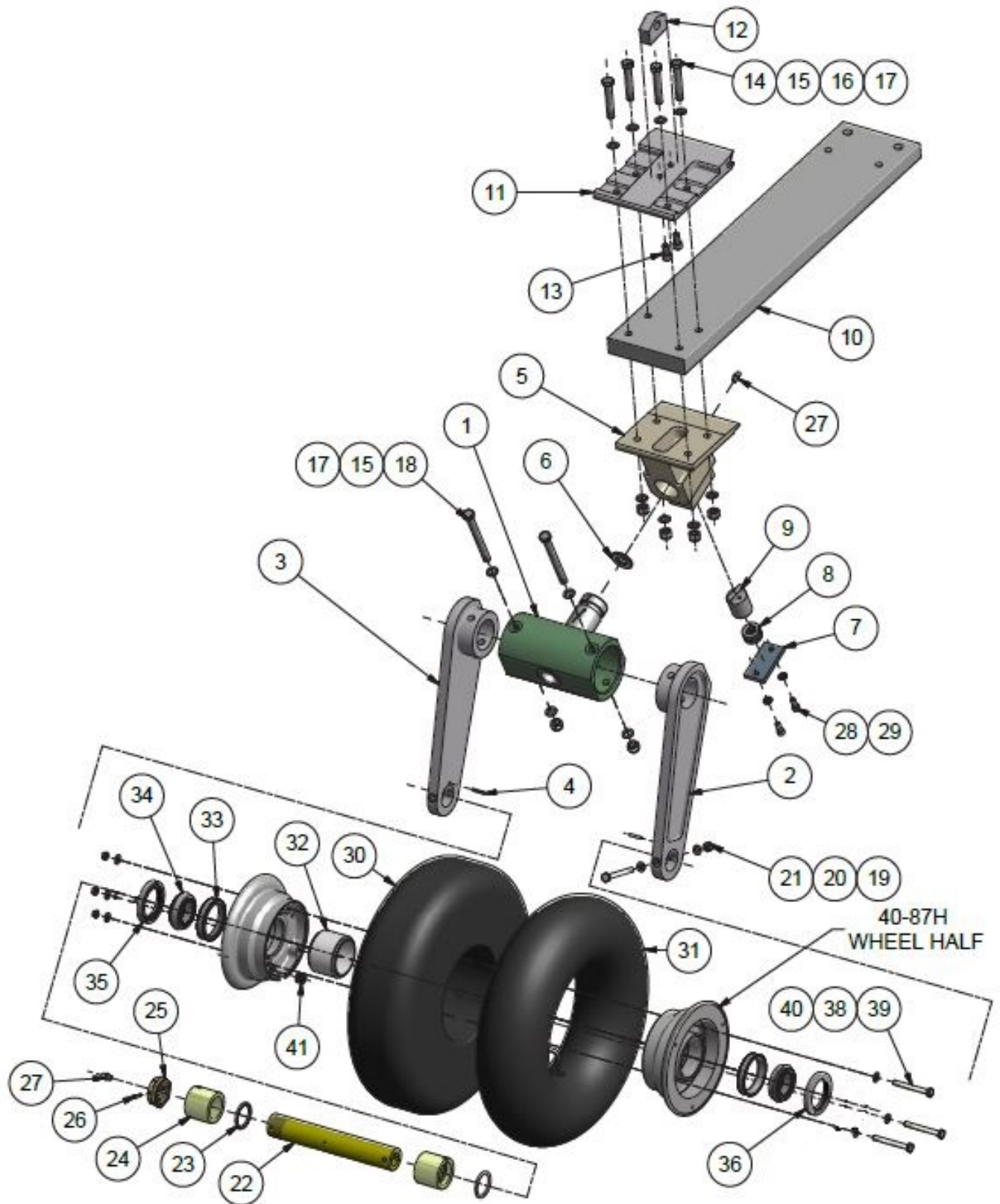


# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                  |     |               |                                        |
|-----------------------------|-----|---------------|----------------------------------------|
| NOSE GEAR ACTUATOR ASSEMBLY |     |               |                                        |
| ITEM                        | QTY | PART NUMBER   | DESCRIPTION                            |
| 1                           | 1   | 8A07156-037   | SKIN- NOSE BOX, TOP, 8000 FLOATS       |
| 2                           | 1   | 8A07156-038   | SKIN-NOSE BOX, BOTTOM, 8000 FLOATS     |
| 3                           | 1   | 8A07201-002   | END, CAP, NOSE BOX                     |
| 4                           | 1   | 8A07357-038   | ANGLE, NOSE BOX, BOTTOM                |
| 5                           | 1   | 8A07427-004   | ANGLE, NOSE BOX, TOP                   |
| 6                           | 1   | 1004333       | SIDE TRACK, NOSE GEAR, LH              |
| 7                           | 1   | 1004334       | SIDE TRACK, NOSE GEAR, RH              |
| 8                           | 2   | MS21059L5     | NUT PLATE                              |
| 9                           | 1   | 1205K12       | OILER                                  |
| 10                          | 1   | MS20822-4D    | ELBOW                                  |
| 11                          | 1   | 1002013       | FLANGE - CYLINDER NOSE GEAR RAM        |
| 12                          | 2   | 1002230       | ROD, T-SEAL                            |
| 13                          | 1   | 6A07580-005   | WIPER, NOSE GEAR ACTR, 10000, 13       |
| 14                          | 1   | 8880500U      | WIPER                                  |
| 15                          | 1   | 6A07158-129   | PLATE - FLANGE                         |
| 16                          | 1   | 6A07264-003   | SPACER - FLANGE CYLINDER NOSE GEAR RAM |
| 17                          | 1   | 1004080       | TRACK END, NOSE GEAR, LH               |
| 18                          | 1   | 1004079       | TRACK, END, NOSE GEAR, RH              |
| 19                          | 2   | AN5-5A        | BOLT                                   |
| 20                          | 10  | AN5-6A        | BOLT                                   |
| 21                          | 10  | NAS1149D0563J | WASHER                                 |
| 22                          | 10  | MS21044N5     | NUT                                    |
| 23                          | 12  | NAS1149D0516J | WASHER                                 |
| 24                          | 2   | AN5-10A       | BOLT                                   |
| 25                          | 4   | AN3-17A       | BOLT                                   |
| 26                          | 8   | NAS1149F0332P | WASHER                                 |
| 27                          | 4   | MS21044N3     | NUT                                    |
| 29                          | 1   | 6A07482-001   | SHAFT - RAM - NOSE GEAR                |
| 30                          | 1   | 6A05545-001   | PISTON, RAM, MAIN GEAR                 |
| 31                          | 1   | 13A07279-001  | PLUG - RAM NOSE GEAR                   |
| 32                          | 1   | AN6227-9      | O-RING                                 |
| 33                          | 1   | 3A05701-001   | #24 MAGNET                             |
| 34                          | 1   | 8A07505-001   | AXLE, LINK, NOSE GEAR                  |
| 35                          | 2   | 6A07544-001   | ROLLER - TRACK, NOSE GEAR              |
| 36                          | 2   | 5100-62H      | SNAP RING                              |
| 37                          | 4   | 6A07603-001   | BLOCK, SLIDE, TROLLEY, NOSE GEAR       |
| 38                          | 1   | 8A07185-002   | LINK - NOSE GEAR RAM                   |
| 39                          | 2   | 8A07534-003   | AXLE, NOSE GEAR TROLLEY                |
| 40                          | 1   | 8A07188-001   | TROLLEY, NOSE GEAR                     |
| 41                          | 1   | 8A07257-002   | ROD END, NOSE GEAR RAM                 |
| 42                          | 1   | AN316-10R     | NUT                                    |
| 43                          | 3   | AN4-81A       | BOLT                                   |
| 44                          | 6   | NAS1149D0416J | WASHER                                 |
| 45                          | 3   | MS21044N4     | NUT                                    |
| 46                          | 1   | MS20822-4D    | ELBOW                                  |
| 47                          | 1   | 1002011       | END, CAP, HYDRAULIC CYLINDER           |
| 48                          | 3   | 1002229       | PISTON, T-SEAL                         |
| 49                          | 1   | 1002024       | CYLINDER, RAM, NOSE, 6000/8000         |
| 50                          | 8   | NAS1103-2     | BOLT                                   |
| 51                          | 8   | NAS1149D0363J | WASHER                                 |
| 52                          | 8   | NAS1149D0316J | WASHER                                 |
| 53                          | 8   | MS35333-39    | STAR WASHER                            |
| 54                          | 2   | 3A07005-178   | CLIP, SWITCH, NOSE GEAR                |
| 55                          | 2   | 5801          | SWITCH, SENSOR                         |
| 56                          | 4   | MS35206-252   | SCREW,MACHINE, PAN HEAD                |



NOSE WHEEL ASSEMBLY LOWER END





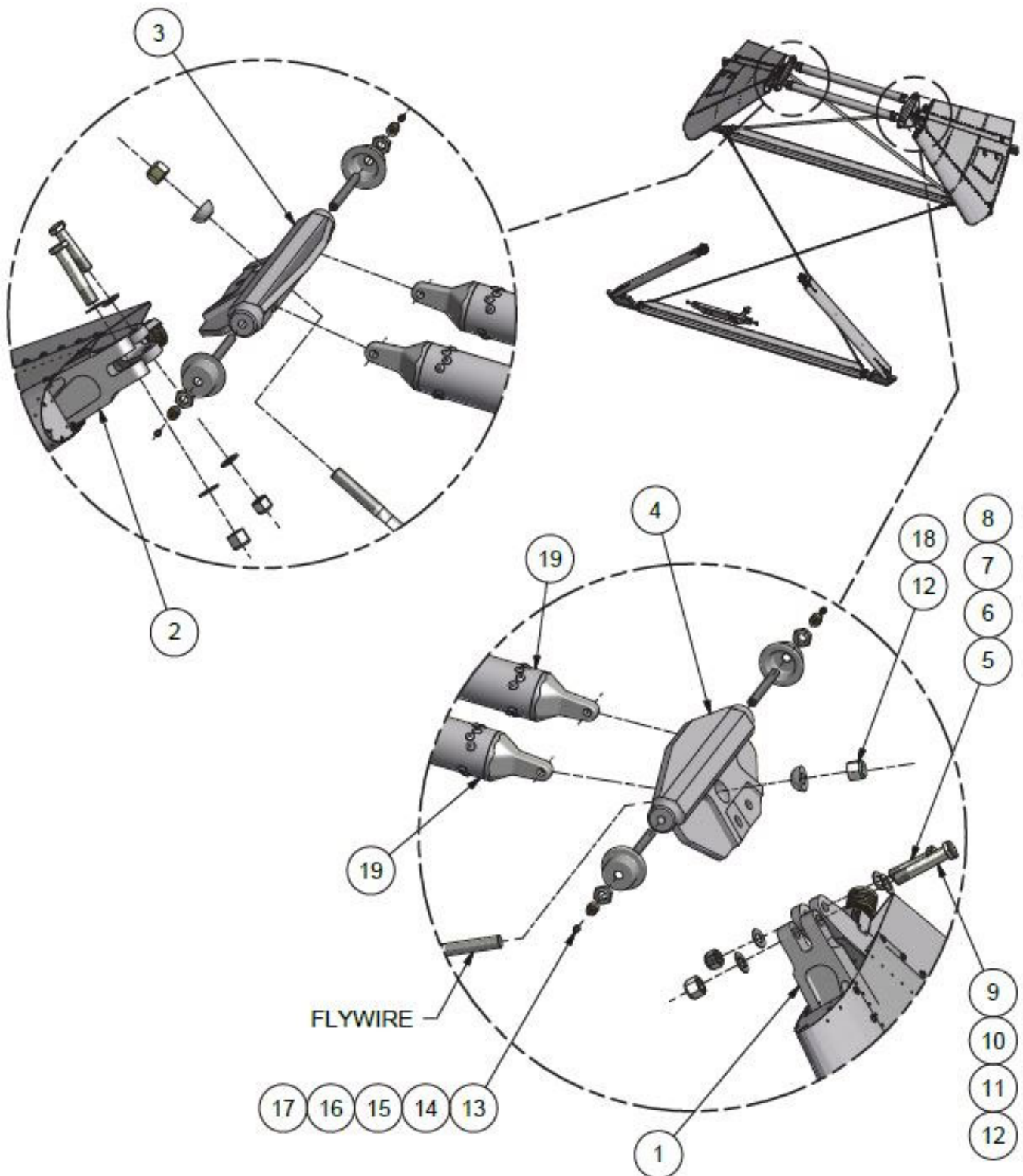
# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                    |     |               |                                |
|-------------------------------|-----|---------------|--------------------------------|
| NOSE WHEEL ASSEMBLY LOWER END |     |               |                                |
| ITEM                          | QTY | PART NUMBER   | DESCRIPTION                    |
| 1                             | 1   | 8A06000-006   | YOKE ASSEMBLY                  |
| 2                             | 1   | 6A06199-003   | LEG, NOSE WHEEL FORK, LEFT     |
| 3                             | 1   | 6A06199-004   | LEG, NOSE WHEEL FORK, RIGHT    |
| 4                             | 2   | 215-125-0750  | PIN, ROLL, 1/8 X 3/4, SPRING   |
| 5                             | 1   | 8A06308-001   | BLOCK, PIVOT, NOSE GEAR        |
| 6                             | 1   | 8A06600-001   | WASHER - THRUST                |
| 7                             | 1   | 3A06037-001   | CAP, PIVOT BLOCK               |
| 8                             | 1   | 3A06525-002   | SPRING                         |
| 9                             | 1   | 6A06512-002   | RETAINER, NOSE GEAR PIVOT      |
| 10                            | 1   | 8A06626-001   | SPRING, NOSE GEAR              |
| 11                            | 1   | 8A06210-002   | PLATE, BEARING, NOSE SPRING    |
| 12                            | 1   | 6A06202-001   | BLOCK, ATTACH, TOWING          |
| 13                            | 2   | MS16997-77    | SOCKET HEAD CAP SCREW          |
| 14                            | 4   | AN6-21A       | BOLT                           |
| 15                            | 6   | NAS1149F0632P | WASHER                         |
| 16                            | 4   | NAS1149F0663P | WASHER                         |
| 17                            | 6   | MS21044N6     | NUT                            |
| 18                            | 2   | AN6-37        | BOLT                           |
| 19                            | 1   | AN4-25A       | BOLT                           |
| 20                            | 2   | NAS1149F0432P | WASHER                         |
| 21                            | 1   | MS21044N4     | NUT                            |
| 22                            | 1   | 6A06265-001   | AXLE, NOSE WHEEL               |
| 23                            | 2   | MS28775-218   | "O" RING                       |
| 24                            | 2   | 6A06268-002   | SPACER                         |
| 25                            | 1   | MS21025-20    | NUT, AXLE                      |
| 26                            | 1   | MS24665-349   | COTTER PIN                     |
| 27                            | 2   | 1095K41       | COMMON GREASEZERK              |
| 28                            | 2   | MS16997-60    | SOCKET HEAD CAP SCREW          |
| 29                            | 2   | MS35333-40    | STAR WASHER                    |
| 30                            | 1   | 301-018-420   | TIRE, 5 X 10 PLY               |
| 31                            | 1   | XA1AC         | TUBE, 5.00 X 5                 |
| 32                            | 1   | 1003232       | RETAINER, GREASE, NOSE WHEEL   |
| 33                            | 2   | 08231         | CUP, BEARING, TIMKEN, 40-87H   |
| 34                            | 2   | 08125         | BEARING, STL, TIMKEN. 40-87H   |
| 35                            | 1   | 1003547       | SEAL, BEARING, WHEEL, OUTBOARD |
| 36                            | 1   | 1003548       | SEAL, NOSE WHEEL, INBOARD      |
| 38                            | 3   | AN4-22A       | BOLT                           |
| 39                            | 6   | NAS1149F0463P | WASHER                         |
| 40                            | 3   | NAS21042-4    | NUT                            |
| 41                            | 1   | 217-00100     | GROMMET, AIR VALVE STEM        |

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## **SECTION 10: STRUT PACKAGE**

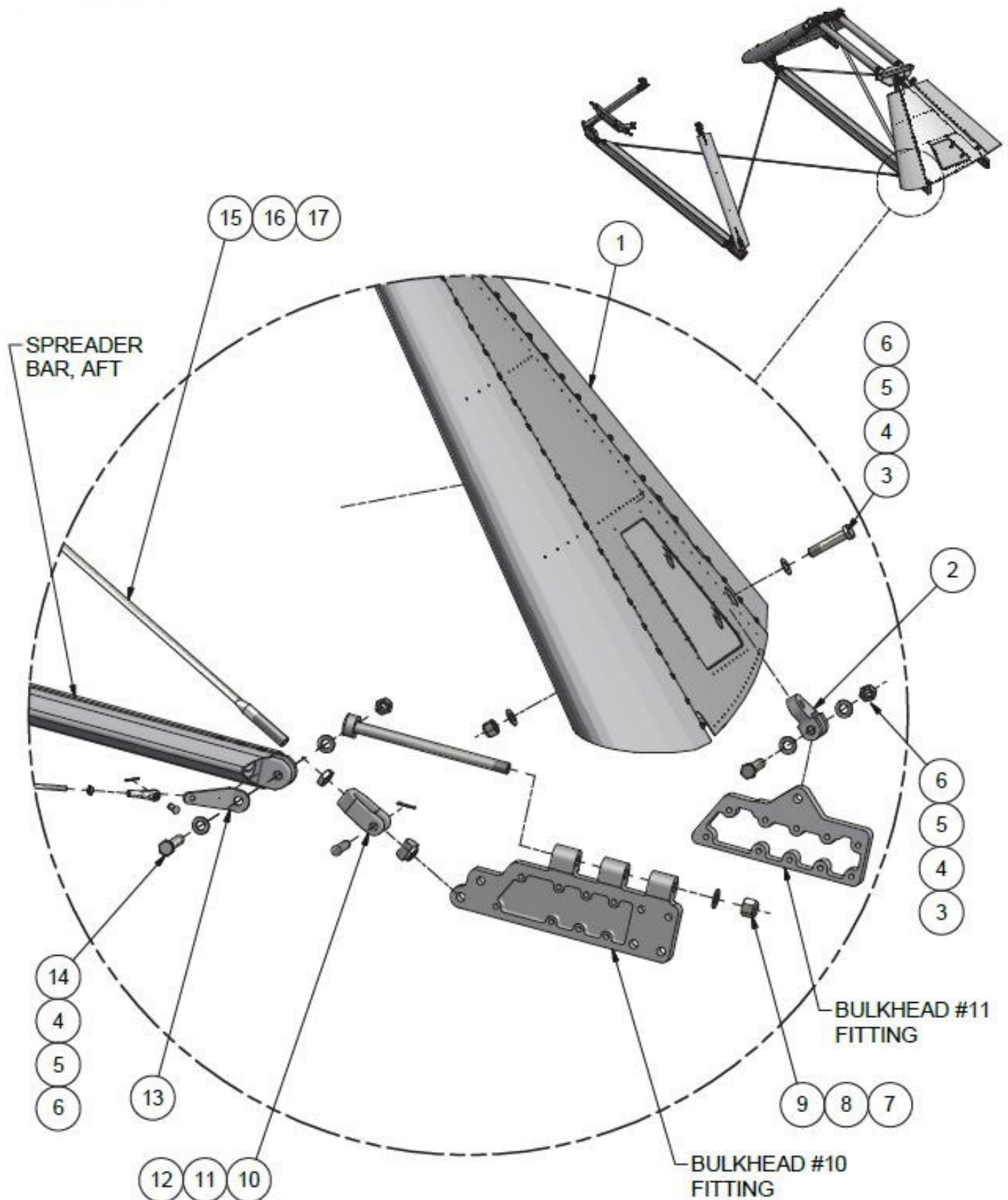
**STRUT INSTALLATION: PYLON GEAR JOURNAL ATTACH POINTS**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                                           |     |               |                                      |
|------------------------------------------------------|-----|---------------|--------------------------------------|
| STRUT INSTALLATION: PYLON GEAR JOURNAL ATTACH POINTS |     |               |                                      |
| ITEM                                                 | QTY | PART NUMBER   | DESCRIPTION                          |
| 1                                                    | 1   | 1004171       | ASSEMBLY, PYLON, KODIAK, LH          |
| 2                                                    | 1   | 1004172       | ASSEMBLY, PYLON, KODIAK, RH          |
| 3                                                    | 1   | 1003490       | AXLE, BEAM, FLOAT, RIGHT             |
| 4                                                    | 1   | 1003489       | AXLE, BEAM, FLOAT, RLEFT             |
| 5                                                    | 2   | MS21044N10    | NUT                                  |
| 6                                                    | 2   | NAS1149F1063P | WASHER                               |
| 7                                                    | 2   | NAS1149F1032P | WASHER                               |
| 8                                                    | 2   | AN10-27A      | BOLT                                 |
| 9                                                    | 2   | AN12-35A      | BOLT                                 |
| 10                                                   | 2   | NAS1149F1232P | WASHER                               |
| 11                                                   | 2   | NAS1149F1290P | WASHER                               |
| 12                                                   | 4   | MS21044N12    | NUT                                  |
| 13                                                   | 4   | 1095K41       | COMMON GREASEZERK                    |
| 14                                                   | 4   | 1004697       | GREASE PLUG                          |
| 15                                                   | 4   | AN316-10R     | NUT                                  |
| 16                                                   | 4   | 1004696       | BUSHING MOD                          |
| 17                                                   | 2   | 1004253       | PIN, COMPRESSIVE TUBE                |
| 18                                                   | 2   | 1003360       | DOMED SPACER                         |
| 19                                                   | 2   | 1004513       | ASS'Y, CROSS TUBE, BEAM AXLE, KODIAK |

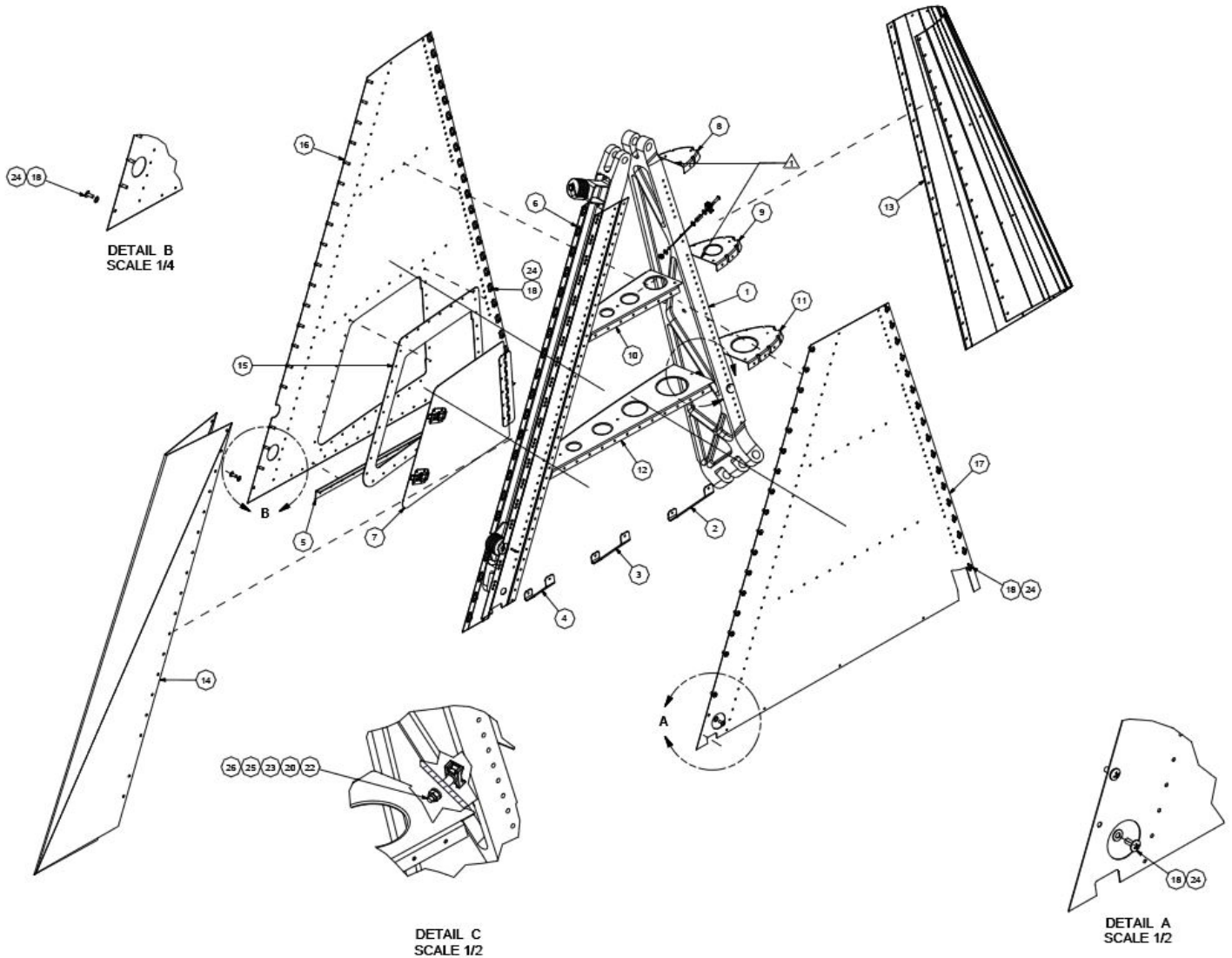
**STRUT INSTALLATION: PYLON LOWER ATTACH POINTS**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                                    |     |               |                                    |
|-----------------------------------------------|-----|---------------|------------------------------------|
| STRUT INSTALLATION: PYLON LOWER ATTACH POINTS |     |               |                                    |
| ITEM                                          | QTY | PART NUMBER   | DESCRIPTION                        |
| 1                                             | 1   | 1004172       | ASSEMBLY, PYLON, KODIAK, RH        |
|                                               | 1   | 1004171       | ASSEMBLY, PYLON, KODIAK, LH        |
| 2                                             | 1   | 1003306       | FITTING, AFT KICKER STRUT          |
| 3                                             | 2   | AN10-27A      | BOLT                               |
| 4                                             | 3   | NAS1149F1032P | WASHER                             |
| 5                                             | 3   | NAS1149F1063P | WASHER                             |
| 6                                             | 3   | MS21044N10    | NUT                                |
| 7                                             | 1   | 1003237       | BOLT, PYLON, .750-16 UNF, 10" GRIP |
| 8                                             | 1   | NAS1149F1290P | WASHER                             |
| 9                                             | 1   | MS21044N10    | NUT                                |
| 10                                            | 1   | 1003483       | CLEVIS, FLY WIRE, AFT, LH, KODIAK  |
| 11                                            | 1   | MS20392-8C73  | CLEVIS PIN                         |
| 12                                            | 1   | MS24665-370   | COTTER PIN                         |
| 13                                            | 1   | 1004911       | WIRE PULL, BOXING WIRE 7000        |
| 14                                            | 1   | AN10-31A      | BOLT                               |
| 15                                            | 1   | 1003448       | FLY WIRE, REAR, KODIAK             |
| 16                                            | 1   | AN316C12L     | NUT                                |
| 17                                            | 1   | 1004597       | BARREL NUT, LOCKING                |

ASS'Y., LEFT PYLON

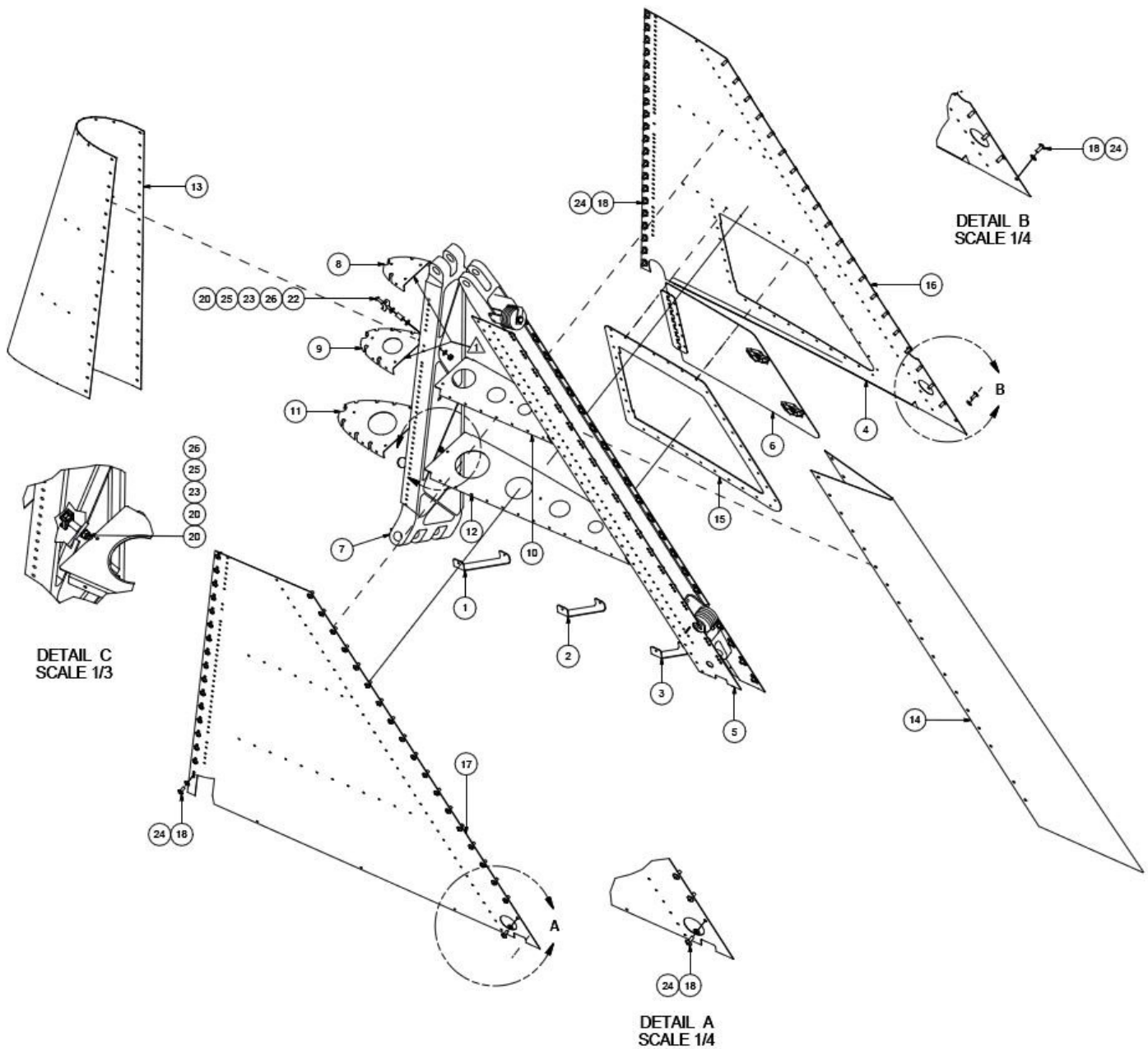




# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>ASSEMBLY LEFT PYLON |     |               |                                             |
|-----------------------------------|-----|---------------|---------------------------------------------|
| ITEM                              | QTY | PART NUMBER   | DESCRIPTION                                 |
|                                   | 1   | 1004171       | ASSEMBLY, PYLON, KODIAK, LH                 |
| 1                                 | 1   | 1003249       | STRUT, MAIN, PYLON, LH                      |
| 2                                 | 1   | 1003870       | SUPPORT, SKINS, FWD, LH, PYLON, KODIAK      |
| 3                                 | 1   | 1003871       | SUPPORT, SKINS, MID, LH, PYLON, KODIAK      |
| 4                                 | 1   | 1003872       | SUPPORT, SKINS, AFT, LH, PYLON, KODIAK      |
| 5                                 | 1   | 1003877       | STIFFENER, OUTBOARD, PYLON, LH, KODIAK      |
| 6                                 | 1   | 1004019       | ASSEMBLY, STRUT, DRAG, LH, PYLON            |
| 7                                 | 1   | 1004027       | ASSEMBLY, DOOR, ACCESS, LH, PYLON, KODIAK   |
| 8                                 | 1   | 1004141       | RIB, LEADING EDGE, UPPER, LH, PYLON, KODIAK |
| 9                                 | 1   | 1004143       | RIB, LEADING EDGE, MID, LH, PYLON, KODIAK   |
| 10                                | 1   | 1004145       | RIB, CENTER, MID, LH, PYLON, KODIAK         |
| 11                                | 1   | 1004147       | RIB, LEADING EDGE, LOWER, LH, PYLON, KODIAK |
| 12                                | 1   | 1004149       | RIB, CENTER, LOWER, LH, PYLON, KODIAK       |
| 13                                | 1   | 1004157       | SKIN, LEADING EDGE, PYLON, LH, KODIAK       |
| 14                                | 1   | 1004163       | SKIN, TRAILING EDGE, PYLON, LH, KODIAK      |
| 15                                | 1   | 1004167       | REINFORCEMENT, DOOR, ACCESS, LH, PYLON,     |
| 16                                | 1   | 1004173       | ASSEMBLY, SKIN, OUTBOARD, LH, KODIAK PYLON  |
| 17                                | 1   | 1004175       | ASSEMBLY, SKIN, INBOARD, LH, KODIAK PYLON   |
| 18                                | 77  | AN526-1032R8  | SCREW                                       |
| 19                                | A/R | MS20470AD-4   | RIVET, SOLID                                |
| 20                                | 2   | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF     |
| 21                                | 2   | MS21266-1N    | GROMMET                                     |
| 22                                | 2   | MS35207-269   | SCREW                                       |
| 23                                | 6   | NAS1149D0363J | WASHER, 0.203 ID, 0.063 THK, ALUMINUM       |
| 24                                | 77  | NAS1149F0332P | WASHER, 0.203 ID, 0.032 THK, STEEL          |
| 25                                | 2   | NAS43DD3-40FC | SPACER                                      |
| 26                                | 2   | T-10          | MOUNT, CABLE TIE                            |

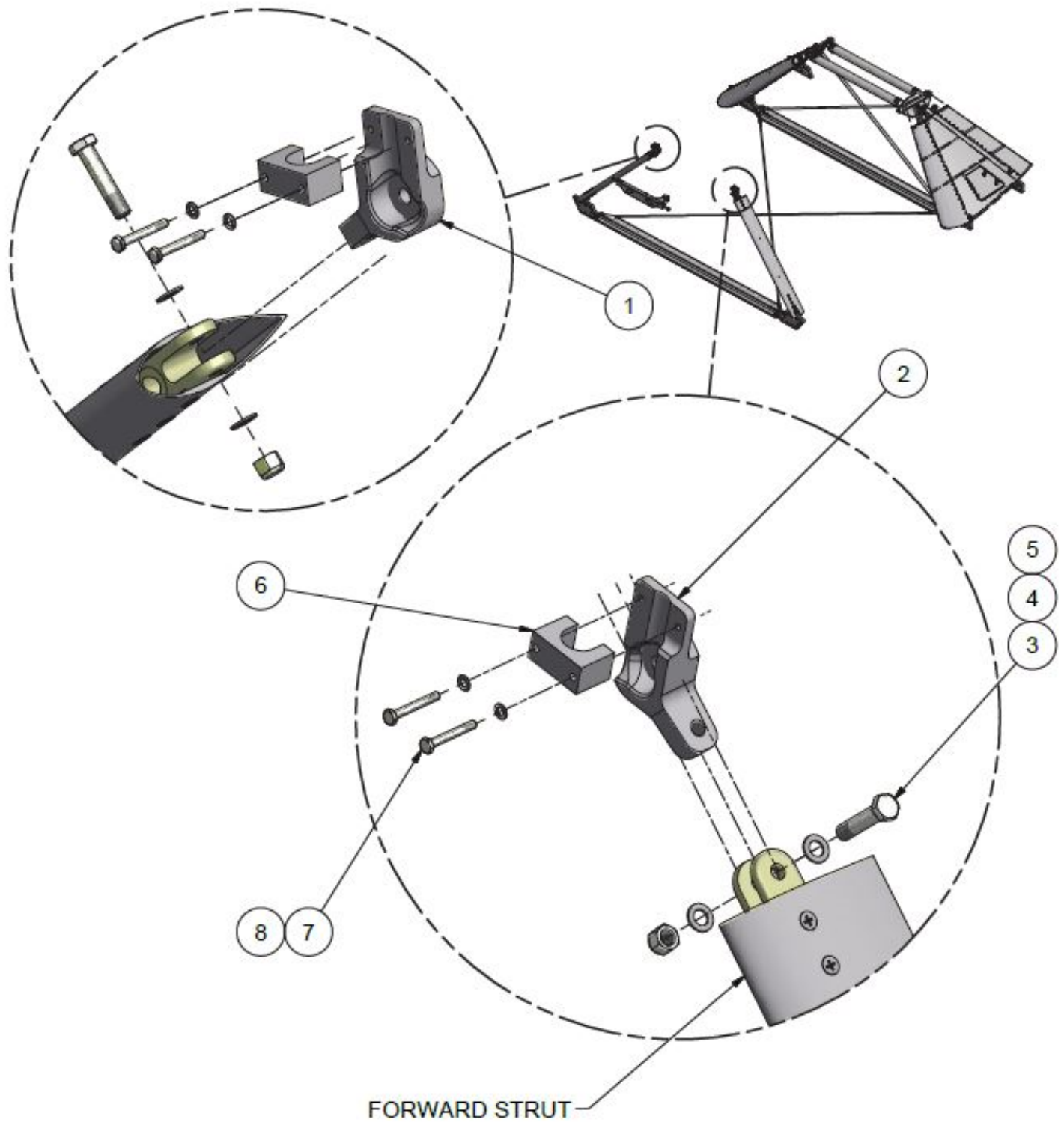
ASS'Y., RIGHT PYLON



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>ASSEMBLY RIGHT PYLON |     |               |                                             |
|------------------------------------|-----|---------------|---------------------------------------------|
| ITEM                               | QTY | PART NUMBER   | DESCRIPTION                                 |
|                                    | 1   | 1004172       | ASSEMBLY, PYLON, KODIAK, RH                 |
| 1                                  | 1   | 1003873       | SUPPORT, SKINS, FWD, RH, PYLON, KODIAK      |
| 2                                  | 1   | 1003874       | SUPPORT, SKINS, MID, RH, PYLON, KODIAK      |
| 3                                  | 1   | 1003875       | SUPPORT, SKINS, AFT, RH, PYLON, KODIAK      |
| 4                                  | 1   | 1003876       | STIFFENER, OUTBOARD, PYLON, RH, KODIAK      |
| 5                                  | 1   | 1004018       | ASSEMBLY, STRUT, DRAG, RH, PYLON            |
| 6                                  | 1   | 1004026       | ASSEMBLY, DOOR, ACCESS, RH, PYLON, KODIAK   |
| 7                                  | 1   | 1004054       | STRUT, MAIN, PYLON, RH                      |
| 8                                  | 1   | 1004140       | RIB, LEADING EDGE, UPPER, RH, PYLON, KODIAK |
| 9                                  | 1   | 1004142       | RIB, LEADING EDGE, MID, RH, PYLON, KODIAK   |
| 10                                 | 1   | 1004144       | RIB, CENTER, MID, RH, PYLON, KODIAK         |
| 11                                 | 1   | 1004146       | RIB, LEADING EDGE, LOWER, RH, PYLON, KODIAK |
| 12                                 | 1   | 1004148       | RIB, CENTER, LOWER, RH, PYLON, KODIAK       |
| 13                                 | 1   | 1004156       | SKIN, LEADING EDGE, PYLON, RH, KODIAK       |
| 14                                 | 1   | 1004162       | SKIN, TRAILING EDGE, PYLON, RH, KODIAK      |
| 15                                 | 1   | 1004166       | REINFORCEMENT, DOOR, ACCESS, RH, PYLON,     |
| 16                                 | 1   | 1004174       | ASSEMBLY, SKIN, OUTBOARD, RH, KODIAK PYLON  |
| 17                                 | 1   | 1004176       | ASSEMBLY, SKIN, INBOARD, RH, KODIAK PYLON   |
| 18                                 | 79  | AN526-1032R8  | SCREW                                       |
| 19                                 | A/R | MS20470AD-4   | RIVET, SOLID                                |
| 20                                 | 2   | MS21044N3     | NUT, LOCKING, REGULAR HEIGHT, 10-32 UNF     |
| 21                                 | 2   | MS21266-1N    | GROMMET                                     |
| 22                                 | 2   | MS35207-269   | SCREW                                       |
| 23                                 | 6   | NAS1149D0363J | WASHER, 0.203 ID, 0.063 THK, ALUMINUM       |
| 24                                 | 79  | NAS1149F0332P | WASHER, 0.203 ID, 0.032 THK, STEEL          |
| 25                                 | 2   | NAS43DD3-40FC | SPACER                                      |
| 26                                 | 2   | T-10          | MOUNT, CABLE TIE                            |

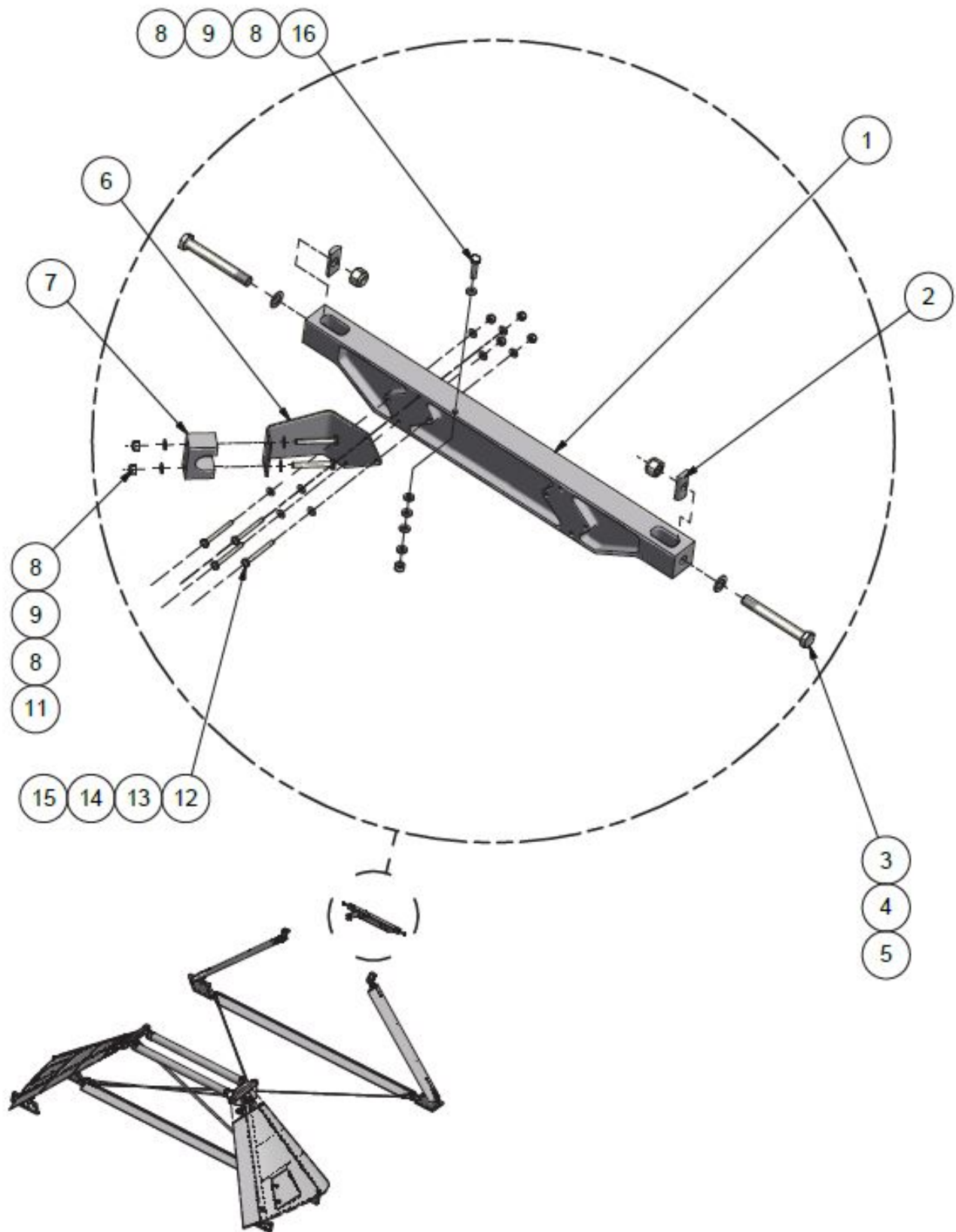
**STRUT INSTALLATION: FRONT UPPER ATTACH POINTS STANDARD**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                                             |     |               |                                   |
|--------------------------------------------------------|-----|---------------|-----------------------------------|
| STRUT INSTALLATION: FRONT UPPER ATTACH POINTS STANDARD |     |               |                                   |
| ITEM                                                   | QTY | PART NUMBER   | DESCRIPTION                       |
| 1                                                      | 1   | 1003334       | FITTING, ENGINE MOUNT, RH, KODIAK |
| 2                                                      | 1   | 1003335       | FITTING, ENGINE MOUNT, LH, KODIAK |
| 3                                                      | 1   | AN8-22A       | BOLT                              |
| 4                                                      | 2   | NAS1149F0863P | WASHER                            |
| 5                                                      | 1   | MS21044N8     | NUT                               |
| 6                                                      | 1   | 10A12214-006  | CLAMP - HYDRAULIC PUMP            |
| 7                                                      | 2   | AN4H17A       | BOLT                              |
| 8                                                      | 2   | NAS1149F0432P | WASHER                            |

**STRUT INSTALLATION: FRONT ENGINE SUPPORT STANDARD**

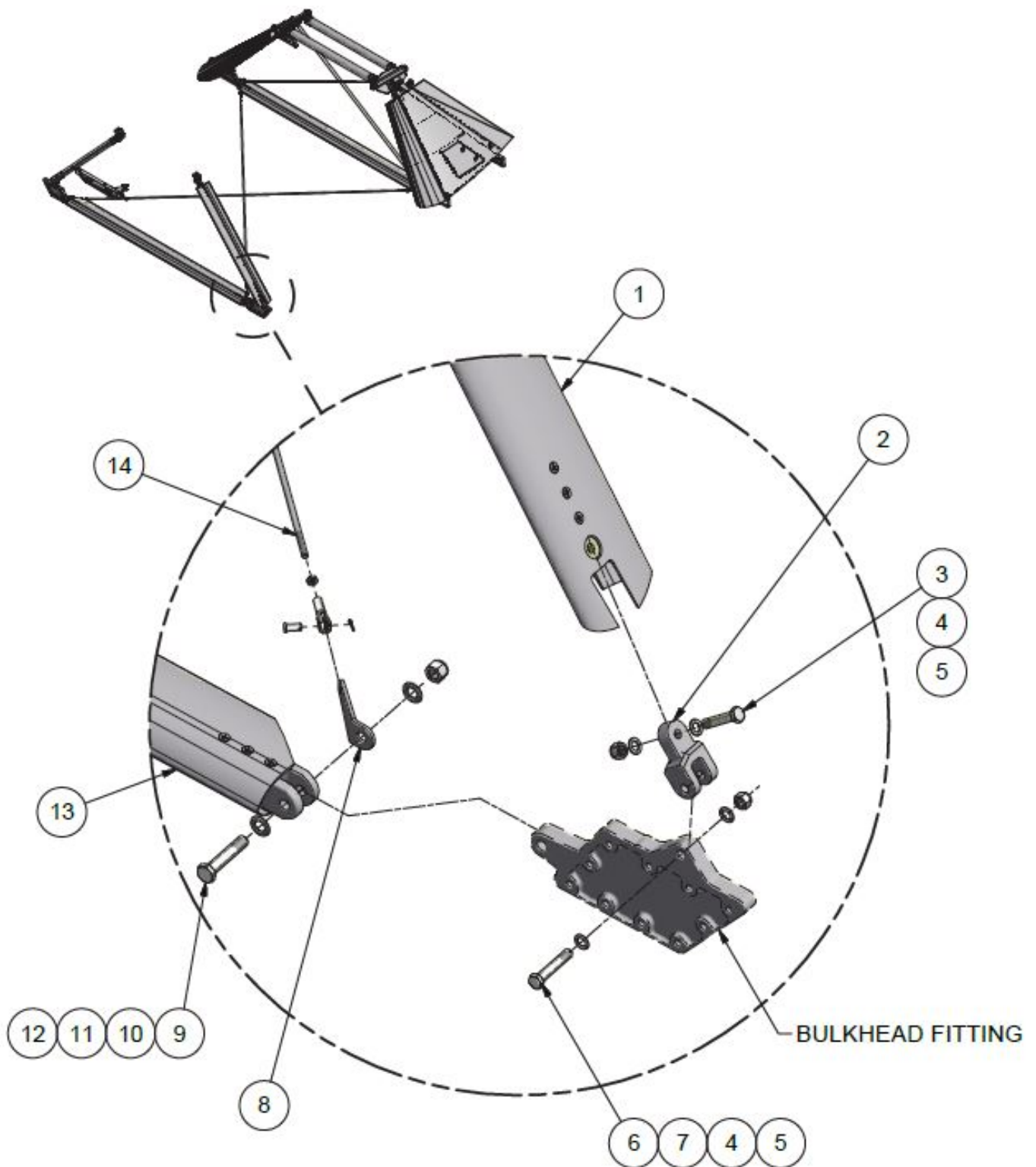


# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                                        |     |               |                                    |
|---------------------------------------------------|-----|---------------|------------------------------------|
| STRUT INSTALLATION: FRONT ENGINE SUPPORT STANDARD |     |               |                                    |
| ITEM                                              | QTY | PART NUMBER   | DESCRIPTION                        |
| 1                                                 | 1   | 1003541       | SUPPORT, ENGINE MOUNT              |
| 2                                                 | 2   | 1003145       | SPACER, ENGINE MOUNT SUPPORT       |
| 3                                                 | 2   | AN8-36A       | BOLT                               |
| 4                                                 | 2   | NAS1149F0863P | WASHER                             |
| 5                                                 | 2   | MS21044N8     | NUT                                |
| 6                                                 | 1   | 1004809       | BRACKET, NOSE GEAR FITTING, KODIAK |
| 7                                                 | 1   | 1004810       | CLAMP, 1" TUBE                     |
| 8                                                 | 3   | MS21044N4     | NUT                                |
| 9                                                 | 3   | NAS1149F0463P | WASHER                             |
| 10                                                | 3   | NAS1149F0432P | WASHER                             |
| 11                                                | 2   | AN4-17A       | BOLT                               |
| 12                                                | 4   | AN3-20A       | BOLT                               |
| 13                                                | 4   | NAS1149F0332P | WASHER                             |
| 14                                                | 4   | NAS1149F0363P | WASHER                             |
| 15                                                | 4   | MS21044N3     | NUT                                |
| 16                                                | 1   | AN4-11A       | BOLT                               |



**STRUT INSTALLATION: FRONT LEFT LOWER ATTACH POINT STANDARD**

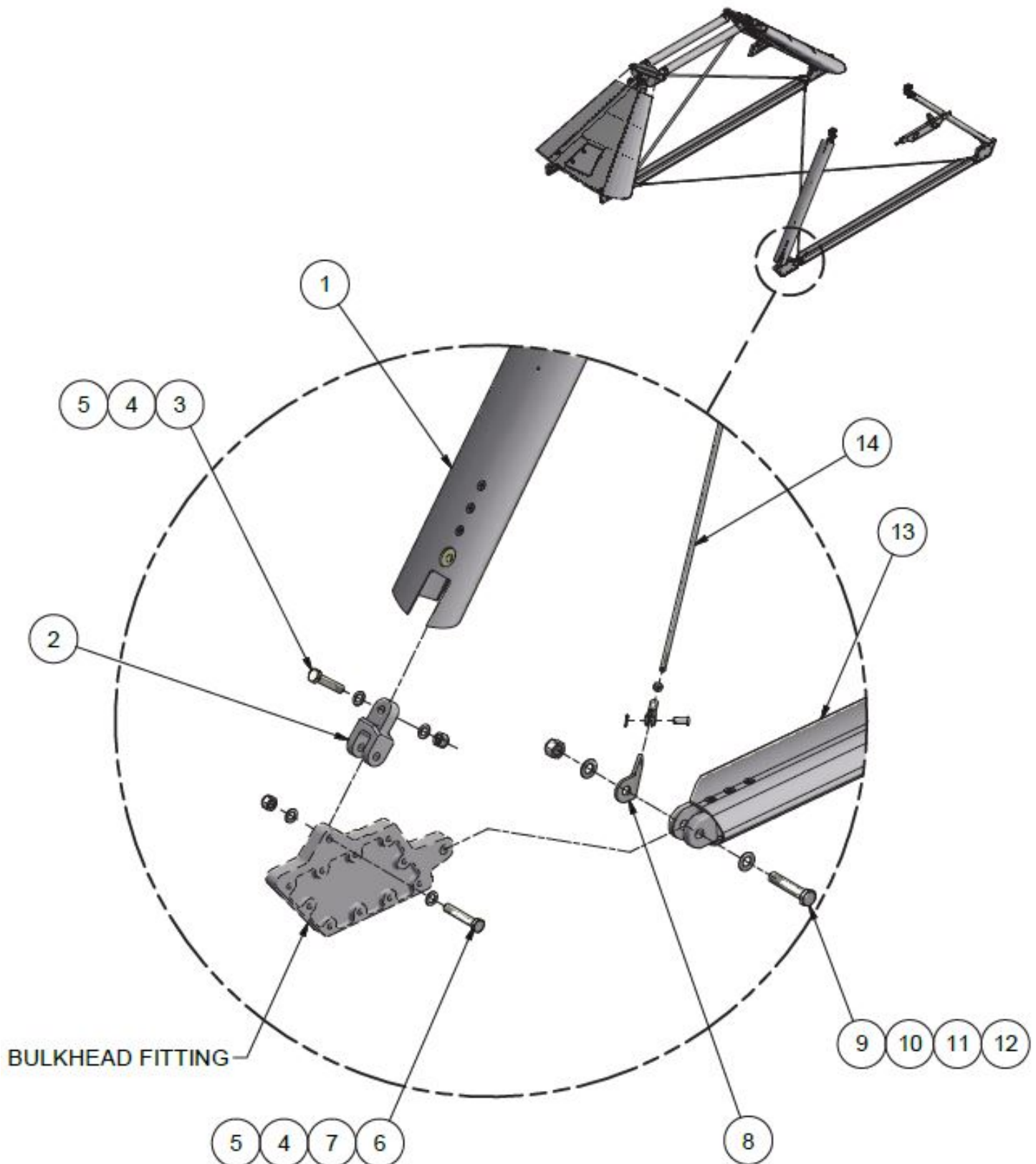




# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                                                 |     |               |                                         |
|------------------------------------------------------------|-----|---------------|-----------------------------------------|
| STRUT INSTALLATION: FRONT LEFT LOWER ATTACH POINT STANDARD |     |               |                                         |
| ITEM                                                       | QTY | PART NUMBER   | DESCRIPTION                             |
| 1                                                          | 1   | 1004535       | ASSEMBLY, STRUT, FWD, LH, KODIAK        |
| 2                                                          | 1   | 1004549       | FITTING, STRUT ATTACH, FWD,LH           |
| 3                                                          | 1   | AN8-22A       | BOLT                                    |
| 4                                                          | 2   | NAS1149F0863P | WASHER                                  |
| 5                                                          | 2   | MS21044N8     | NUT                                     |
| 6                                                          | 1   | AN8-26A       | BOLT                                    |
| 7                                                          | 1   | NAS1149F0832P | WASHER                                  |
| 8                                                          | 1   | 1004911       | WIRE PULL, BOXING WIRE 7000             |
| 9                                                          | 1   | AN10-31A      | BOLT                                    |
| 10                                                         | 1   | NAS1149F1032P | WASHER                                  |
| 11                                                         | 1   | NAS1149F1063P | WASHER                                  |
| 12                                                         | 1   | MS21044N10    | NUT                                     |
| 13                                                         | 1   | 1003881       | ASSEMBLY, SPREADER BAR, FORWARD, KODIAK |
| 14                                                         | 1   | 1004582       | FLY WIRE, BOX, ROUND, KODIAK            |
| 14.2                                                       | 2   | MS24665-283   | COTTER PIN                              |
| 14.4                                                       | 1   | AN316C5L      | NUT                                     |
| 14.5                                                       | 1   | AN665-61LS    | TERMINAL, FLY WIRE                      |
| 14.6                                                       | 2   | MS20392-5C21  | CLEVIS PIN                              |

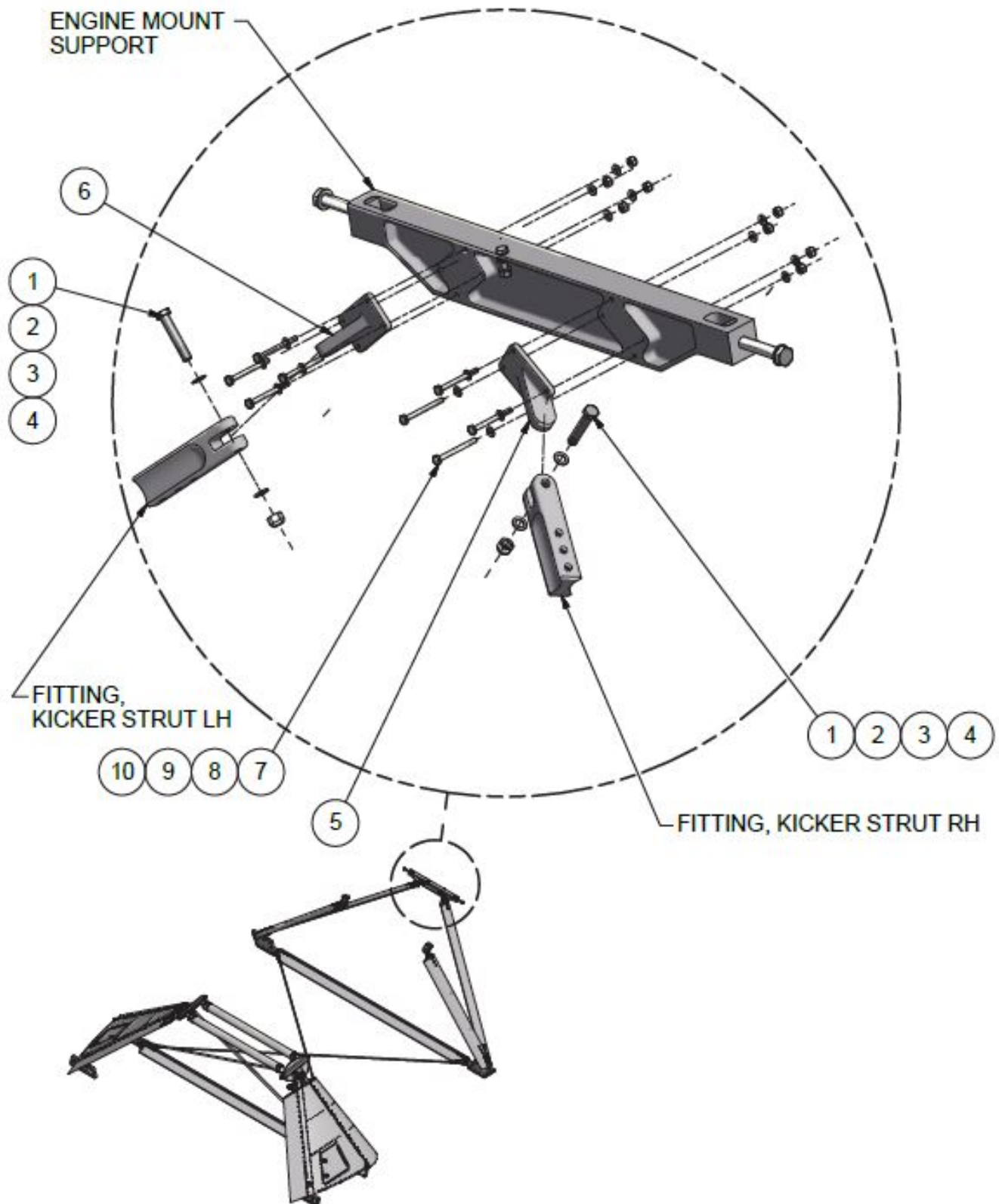
**STRUT INSTALLATION: FRONT RIGHT LOWER ATTACH POINT STANDARD**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                                                  |     |               |                                         |
|-------------------------------------------------------------|-----|---------------|-----------------------------------------|
| STRUT INSTALLATION: FRONT RIGHT LOWER ATTACH POINT STANDARD |     |               |                                         |
| ITEM                                                        | QTY | PART NUMBER   | DESCRIPTION                             |
| 1                                                           | 1   | 1004536       | ASSEMBLY, STRUT, FWD, RH, KODIAK        |
| 2                                                           | 1   | 1004550       | FITTING, STRUT ATTACH, FWD, RH          |
| 3                                                           | 1   | AN8-22A       | BOLT                                    |
| 4                                                           | 2   | NAS1149F0863P | WASHER                                  |
| 5                                                           | 2   | MS21044N8     | NUT                                     |
| 6                                                           | 1   | AN8-26A       | BOLT                                    |
| 7                                                           | 1   | NAS1149F0832P | WASHER                                  |
| 8                                                           | 1   | 1004911       | WIRE PULL, BOXING WIRE 7000             |
| 9                                                           | 1   | AN10-31A      | BOLT                                    |
| 10                                                          | 1   | NAS1149F1032P | WASHER                                  |
| 11                                                          | 1   | NAS1149F1063P | WASHER                                  |
| 12                                                          | 1   | MS21044N10    | NUT                                     |
| 13                                                          | 1   | 1003881       | ASSEMBLY, SPREADER BAR, FORWARD, KODIAK |
| 14                                                          | 1   | 1004582       | FLY WIRE, BOX, ROUND, KODIAK            |
| 14.2                                                        | 2   | MS24665-283   | COTTER PIN                              |
| 14.4                                                        | 1   | AN316C5L      | NUT                                     |
| 14.5                                                        | 1   | AN665-61LS    | TERMINAL, FLY WIRE                      |
| 14.6                                                        | 2   | MS20392-5C21  | CLEVIS PIN                              |

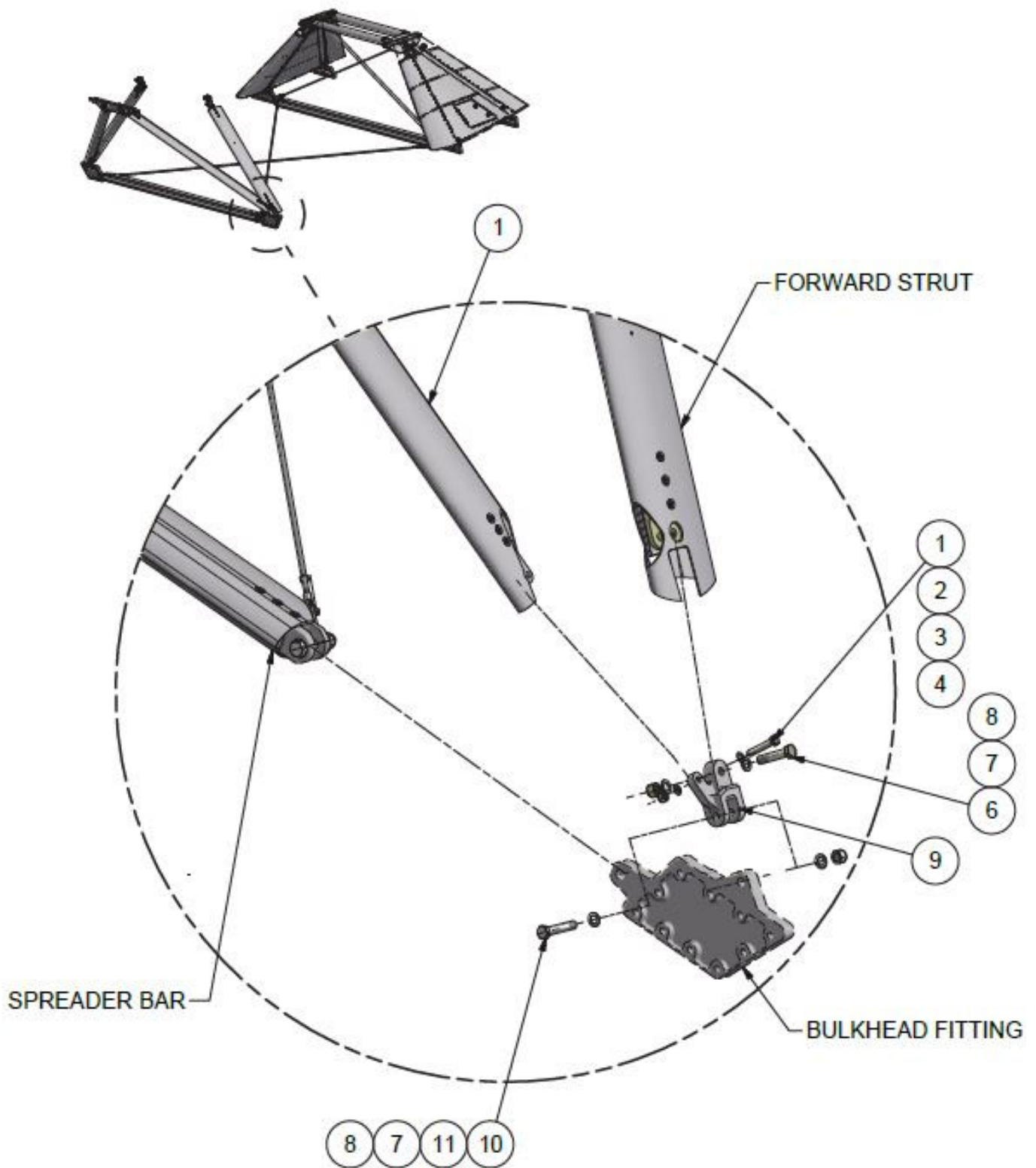
## STRUT INSTALLATION: FRONT UPPER KICKER HEAVY SEA



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                                       |     |               |                             |
|--------------------------------------------------|-----|---------------|-----------------------------|
| STRUT INSTALLATION: FRONT UPPER KICKER HEAVY SEA |     |               |                             |
| ITEM                                             | QTY | PART NUMBER   | DESCRIPTION                 |
| 1                                                | 2   | AN6-20A       | BOLT                        |
| 2                                                | 2   | NAS1149F0632P | WASHER                      |
| 3                                                | 2   | NAS1149F0663P | WASHER                      |
| 4                                                | 2   | MS21044N6     | NUT                         |
| 5                                                | 1   | 1003538       | MOUNT, KICKER STRUT, HS, RH |
| 6                                                | 1   | 1003537       | MOUNT, KICKER STRUT, HS, LH |
| 7                                                | 8   | AN3-21A       | BOLT                        |
| 8                                                | 8   | NAS1149F0332P | WASHER                      |
| 9                                                | 8   | NAS1149F0363P | WASHER                      |
| 10                                               | 8   | MS21044N3     | NUT                         |

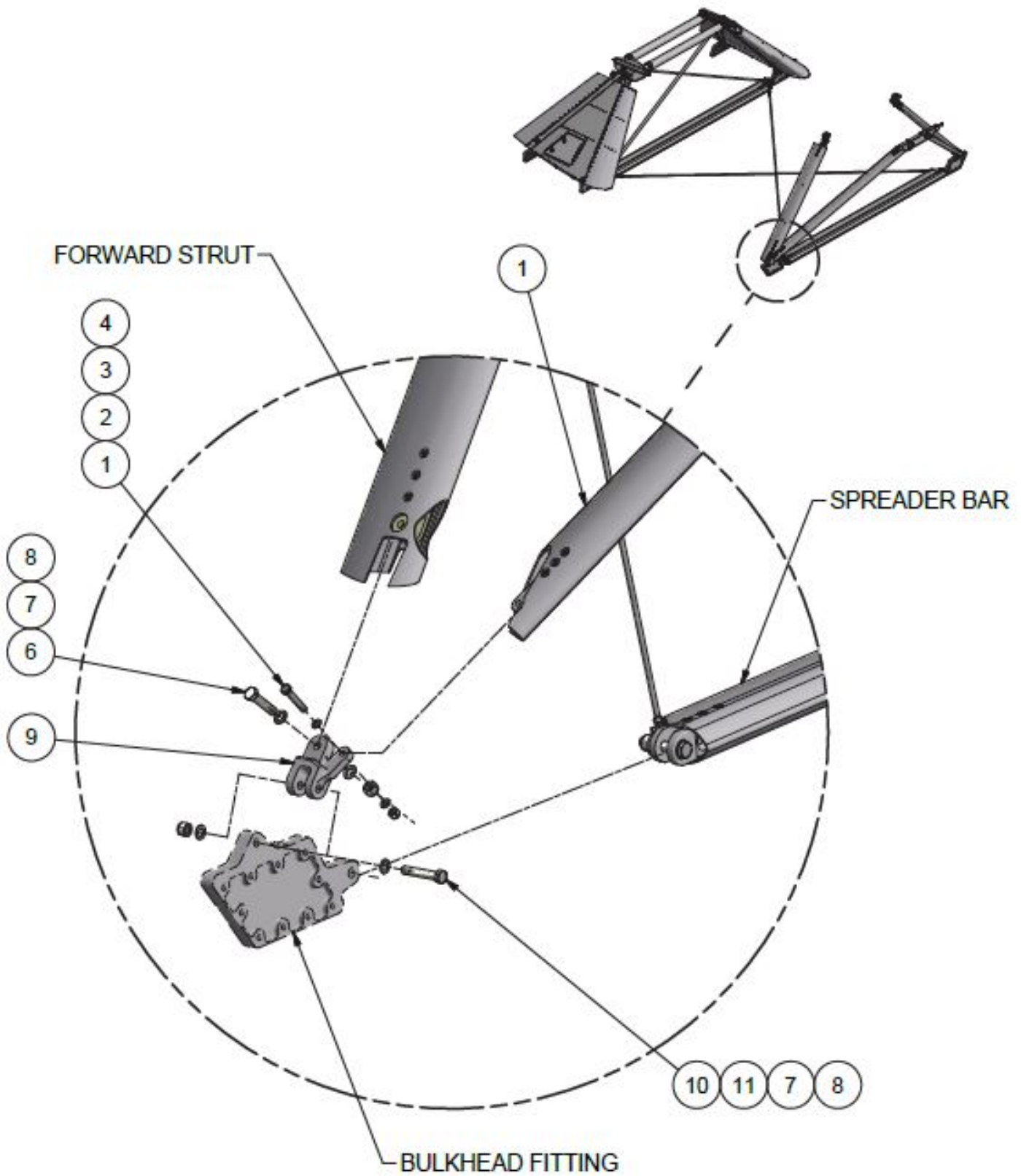
**STRUT INSTALLATION: FRONT LEFT LOWER ATTACH POINT HEAVY SEA**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                                                  |     |               |                                         |
|-------------------------------------------------------------|-----|---------------|-----------------------------------------|
| STRUT INSTALLATION: FRONT LEFT LOWER ATTACH POINT HEAVY SEA |     |               |                                         |
| ITEM                                                        | QTY | PART NUMBER   | DESCRIPTION                             |
| 1                                                           | 1   | 1003885       | ASSEMBLY, STRUT, KICKER, LH, HS, KODIAK |
| 2                                                           | 1   | AN6-20A       | BOLT                                    |
| 3                                                           | 1   | NAS1149F0632P | WASHER                                  |
| 4                                                           | 1   | NAS1149F0663P | WASHER                                  |
| 5                                                           | 1   | MS21044N6     | NUT                                     |
| 6                                                           | 1   | AN8-22A       | BOLT                                    |
| 7                                                           | 3   | NAS1149F0863P | WASHER                                  |
| 8                                                           | 2   | MS21044N8     | NUT                                     |
| 9                                                           | 1   | 1003535       | FITTING, STRUT ATTACH, FWD, HS, LH      |
| 10                                                          | 1   | AN8-26A       | BOLT                                    |
| 11                                                          | 1   | NAS1149F0832P | WASHER                                  |

**STRUT INSTALLATION: FRONT RIGHT LOWER ATTACH POINT HEAVY SEA**

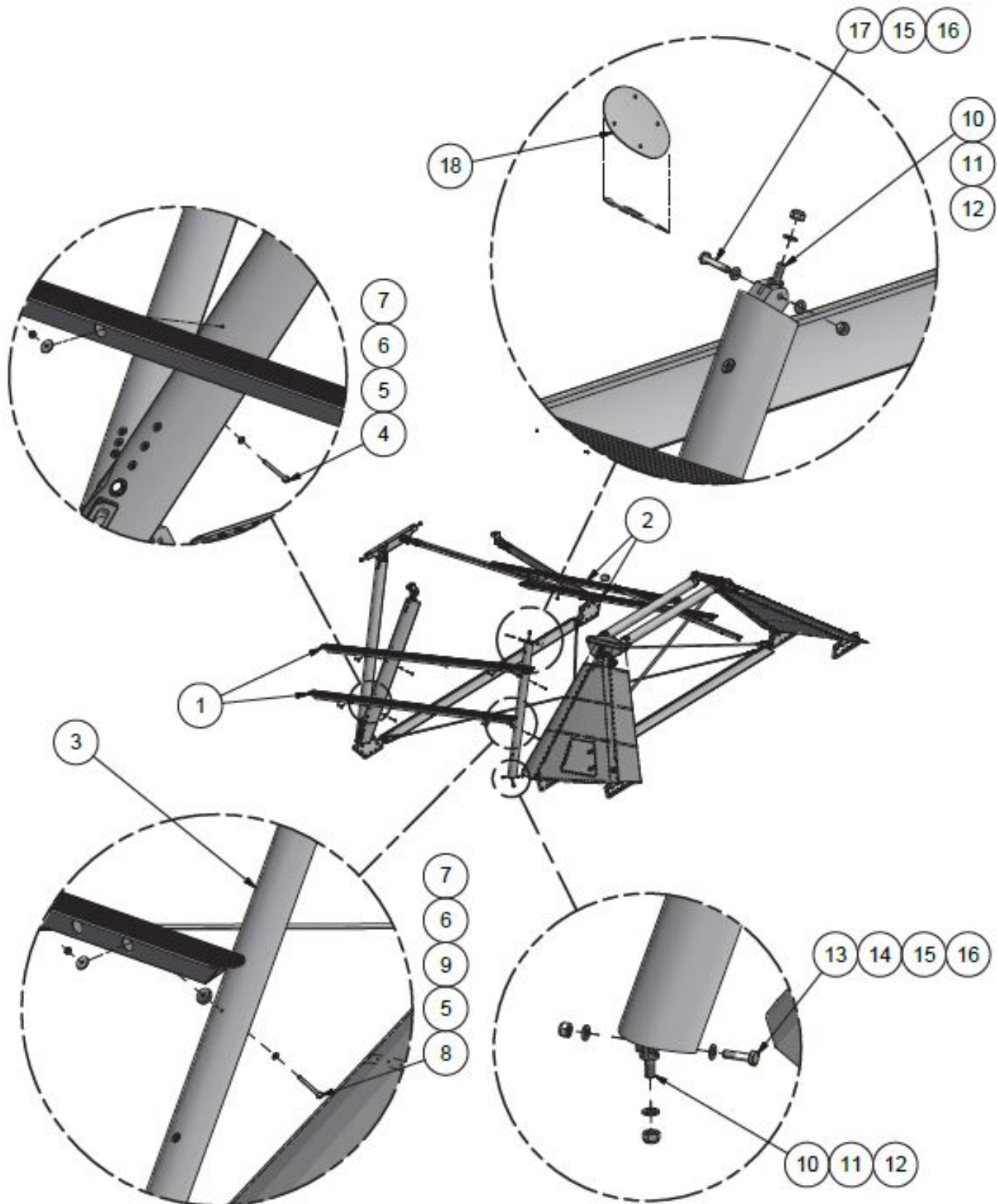




# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                                                   |     |               |                                         |
|--------------------------------------------------------------|-----|---------------|-----------------------------------------|
| STRUT INSTALLATION: FRONT RIGHT LOWER ATTACH POINT HEAVY SEA |     |               |                                         |
| ITEM                                                         | QTY | PART NUMBER   | DESCRIPTION                             |
| 1                                                            | 1   | 1003886       | ASSEMBLY, STRUT, KICKER, RH, HS, KODIAK |
| 2                                                            | 1   | AN6-20A       | BOLT                                    |
| 3                                                            | 1   | NAS1149F0632P | WASHER                                  |
| 4                                                            | 1   | NAS1149F0663P | WASHER                                  |
| 5                                                            | 1   | MS21044N6     | NUT                                     |
| 6                                                            | 1   | AN8-22A       | BOLT                                    |
| 7                                                            | 3   | NAS1149F0863P | WASHER                                  |
| 8                                                            | 2   | MS21044N8     | NUT                                     |
| 9                                                            | 1   | 1003536       | FITTING, STRUT ATTACH, FWD, HS, RH      |
| 10                                                           | 1   | AN8-26A       | BOLT                                    |
| 11                                                           | 1   | NAS1149F0832P | WASHER                                  |

STEP INSTALLATION



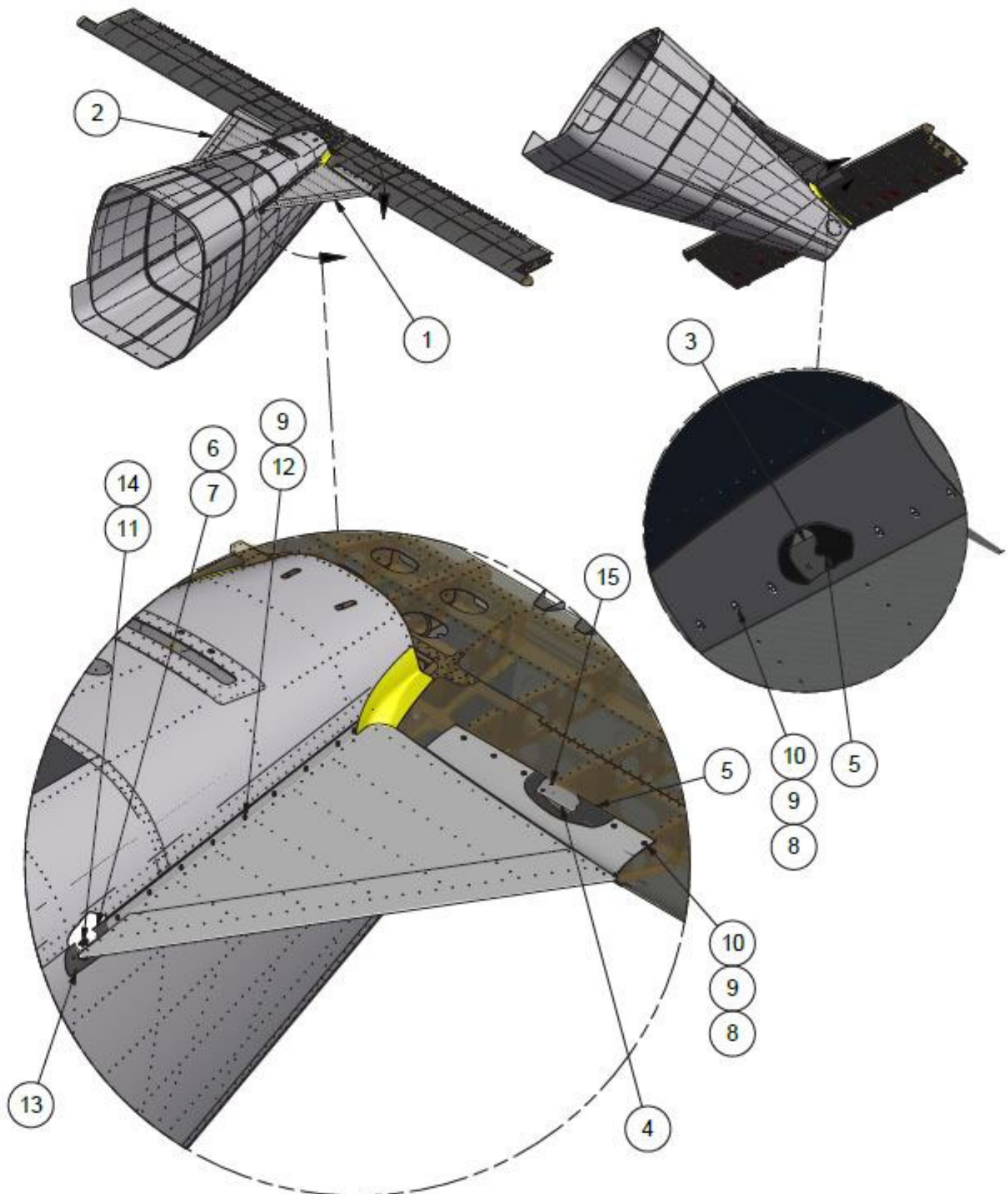
# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>STEP INSTALLATION |     |               |                                          |
|---------------------------------|-----|---------------|------------------------------------------|
| ITEM                            | QTY | PART NUMBER   | DESCRIPTION                              |
| 1                               | 2   | 1003893       | STEP, PILOT, KODIAK                      |
| 2                               | 2   | 1003894       | STEP, COPILOT, KODIAK                    |
| 3                               | 1   | 1003887       | ASSEMBLY, STEP STRUT, PILOT, KODIAK      |
| 4                               | 1   | AN3-24A       | BOLT                                     |
| 5                               | 2   | NAS1149F0332P | WASHER                                   |
| 6                               | 2   | AN970-3       | WASHER                                   |
| 7                               | 2   | MS21044N3     | NUT                                      |
| 8                               | 1   | AN3-22A       | BOLT                                     |
| 9                               | 1   | 1004654       | SPACER, NYLON, .25 ID X 1.0 OD X .25 THK |
| 10                              | 2   | AN44-5A       | EYE BOLT                                 |
| 11                              | 2   | NAS1149F0563P | WASHER                                   |
| 12                              | 2   | MS21044N5     | NUT                                      |
| 13                              | 1   | AN4-10A       | BOLT                                     |
| 14                              | 1   | NAS1149F0432P | WASHER                                   |
| 15                              | 3   | NAS1149F0463P | WASHER                                   |
| 16                              | 2   | MS21044N4     | NUT                                      |
| 17                              | 1   | AN4-14A       | BOLT                                     |
| 18                              | 1   | 1004694       | COVER, KODIAK STEP                       |

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## **SECTION 11: AERODYNAMIC SYSTEMS**

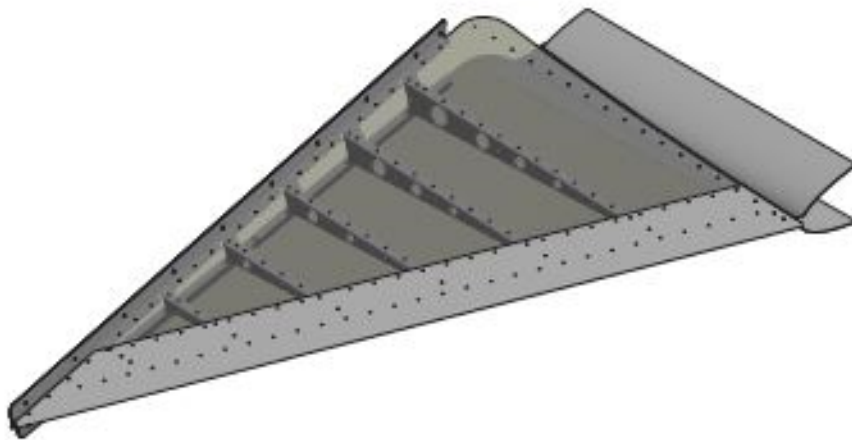
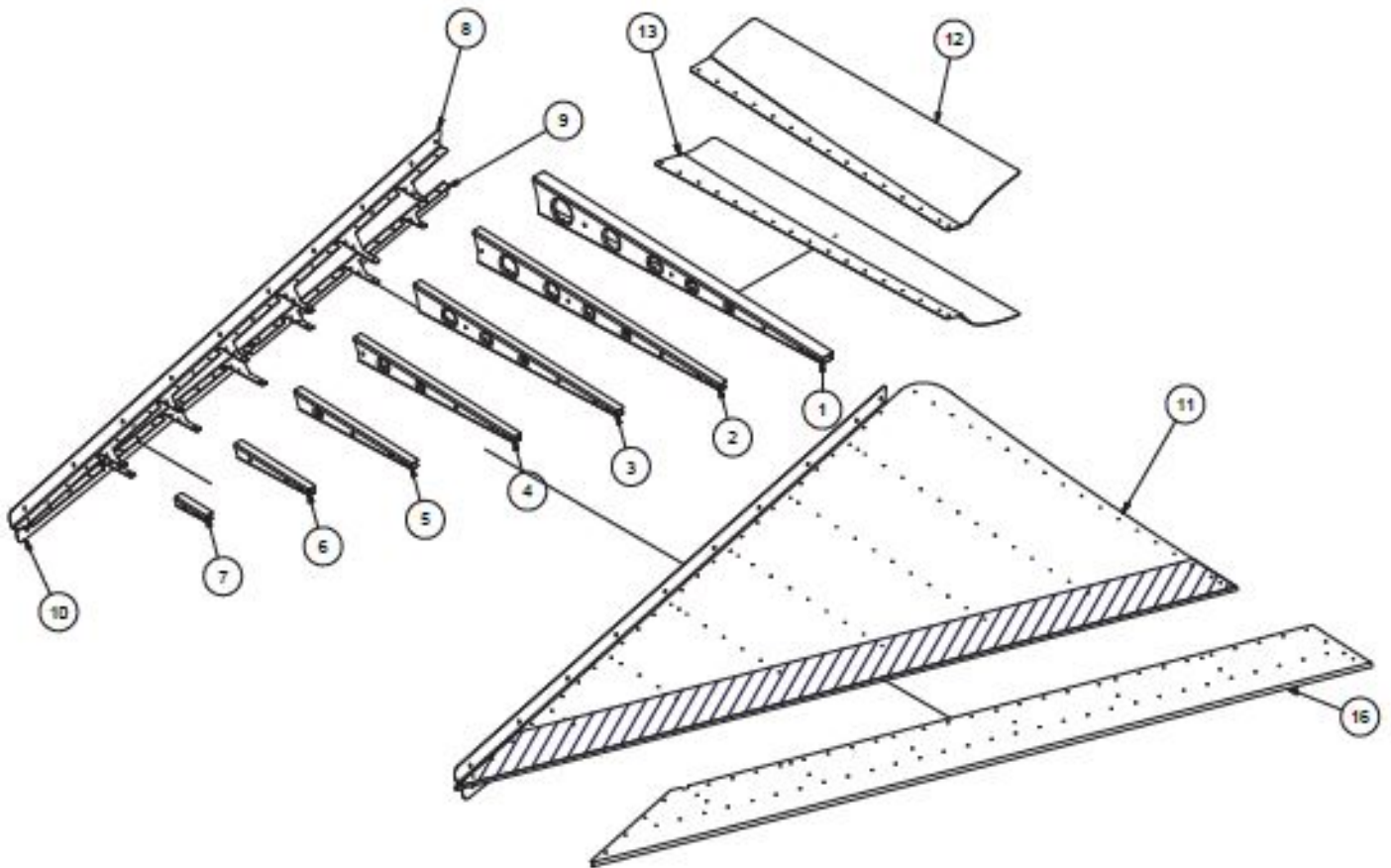
# STRAKE INSTALLATION



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>STRAKE INSTALLATION |     |               |                                                  |
|-----------------------------------|-----|---------------|--------------------------------------------------|
| ITEM                              | QTY | PART NUMBER   | DESCRIPTION                                      |
| 1                                 | 1   | 1004501       | ASSEMBLY, STRAKE, LH, KODIAK                     |
| 2                                 | 1   | 1004502       | ASSEMBLY, STRAKE, RH, KODIAK                     |
| 3                                 | 2   | 1004595       | DOUBLER, KODIAK STRAKE, LOWER HORIZONTAL         |
| 4                                 | 2   | 1004594       | DOUBLER, KODIAK STRAKE, UPPER HORIZONTAL         |
| 5                                 | 2   | 1004677       | CHAFE PAD, RUBBER                                |
| 6                                 | 1   | 1004492       | DOUBLER, STRAKE, RH, KODIAK                      |
| 7                                 | 1   | 1004491       | DOUBLER, STRAKE, LH, KODIAK                      |
| 8                                 | 15  | NAS1329A08-75 | RIVNUT, CTRSNK HD,8-32UNC, .01-.08 GRIP, UNKEYED |
| 9                                 | 35  | NAS1149DN832J | WASHER                                           |
| 10                                | 30  | AN526-832R6   | SCREW, MACHINE, TRUSS HEAD                       |
| 11                                | 40  | MS21059L08    | NUT PLATE                                        |
| 12                                | 40  | AN526C832R8   | SCREW, MACHINE, TRUSS HEAD                       |
| 13                                | 24  | MS20470AD4-5  | RIVET, UNIVERSAL HEAD                            |
| 14                                | 80  | MS20426AD3-6  | RIVET, FLAT HEAD                                 |
| 15                                | 24  | CR3212-4-2    | RIVET, CHERRYMAX, FLAT HEAD, CR3212-4-2          |

**STRAKE ASSEMBLY LEFT**

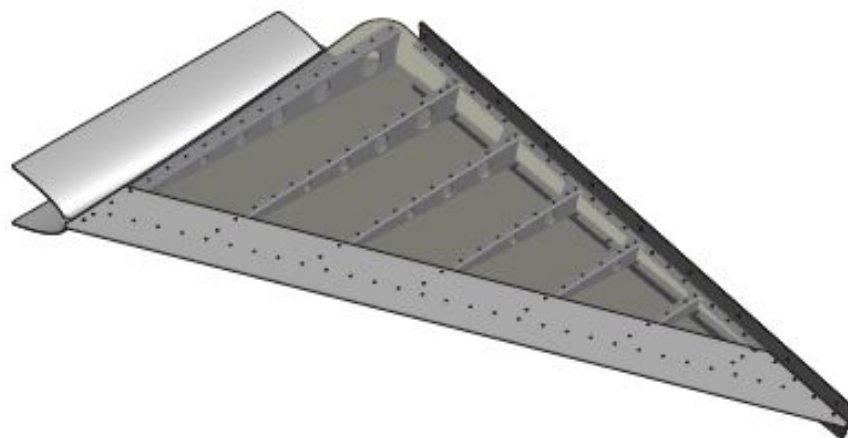
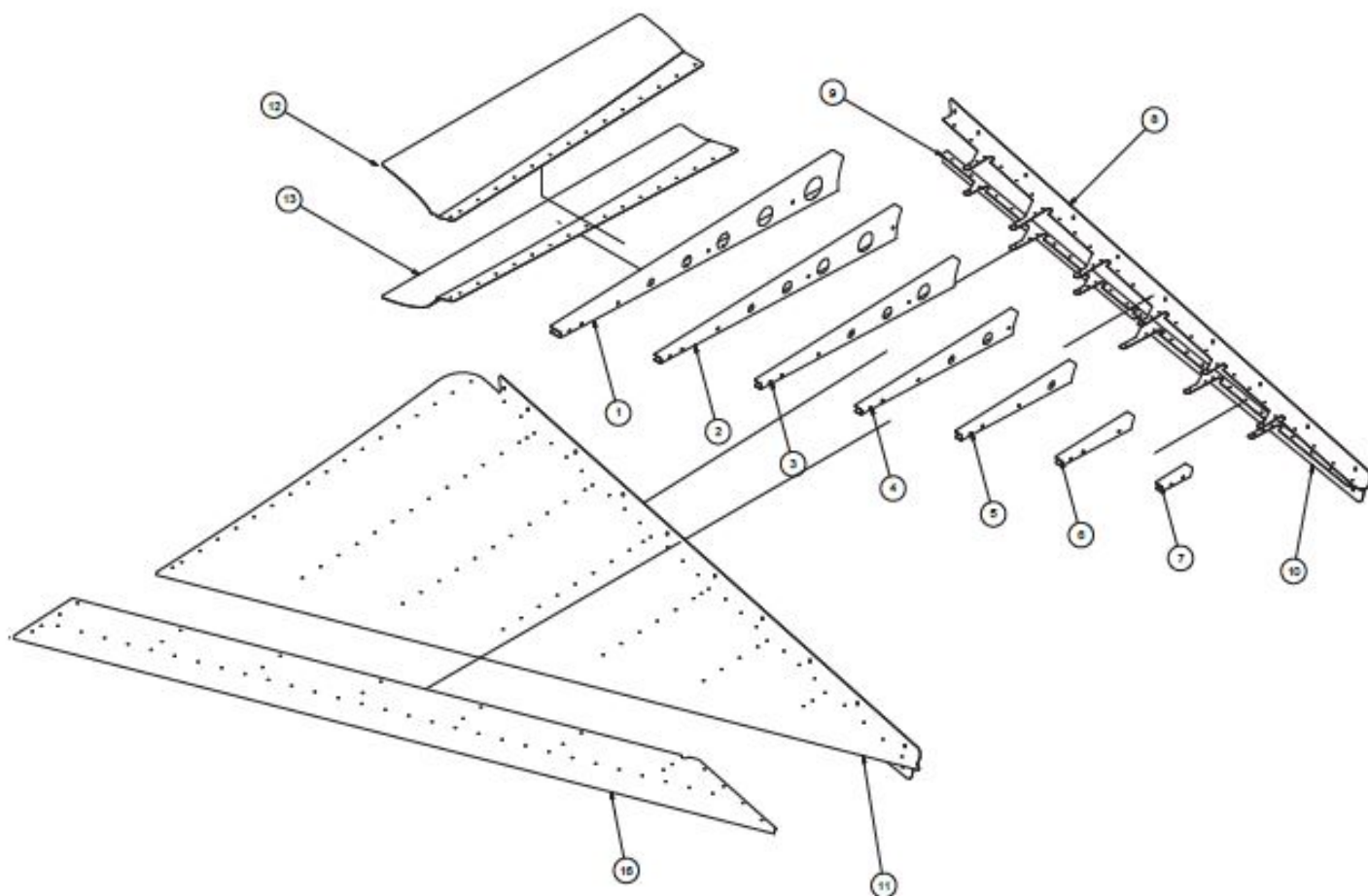




# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>STRAKE ASSEMBLY LEFT |     |             |                                               |
|------------------------------------|-----|-------------|-----------------------------------------------|
| ITEM                               | QTY | PART NUMBER | DESCRIPTION                                   |
| 1                                  | 1   | 1004477     | RIB 1, STRAKE, LH, KODIAK                     |
| 2                                  | 1   | 1004479     | RIB 2, STRAKE, LH, KODIAK                     |
| 3                                  | 1   | 1004481     | RIB 3, STRAKE, LH, KODIAK                     |
| 4                                  | 1   | 1004483     | RIB 4, STRAKE, LH, KODIAK                     |
| 5                                  | 1   | 1004485     | RIB 5, STRAKE, LH, KODIAK                     |
| 6                                  | 1   | 1004487     | RIB 6, STRAKE, LH, KODIAK                     |
| 7                                  | 1   | 1004489     | RIB 7, STRAKE, LH, KODIAK                     |
| 8                                  | 1   | 1004493     | DOUBLER, STRAKE, UPPER FLANGE, LH, KODIAK     |
| 9                                  | 1   | 1004495     | DOUBLER, STRAKE LOWER FLANGE, AFT, LH, KODIAK |
| 10                                 | 1   | 1004497     | DOUBLER, STRAKE LOWER FLANGE, FWD, LH, KODIAK |
| 11                                 | 1   | 1004503     | PANEL, STRAKE, LH, KODIAK                     |
| 12                                 | 1   | 1004505     | MOUNT, UPPER STAB, LH, KODIAK                 |
| 13                                 | 1   | 1004507     | MOUNT, LOWER STAB, LH, KODIAK                 |
| 15                                 | A/R | MS20470D4   | RIVET                                         |
| 16                                 | 1   | 1005148     | CAP, STRAKE REINFORCEMEN, LH                  |

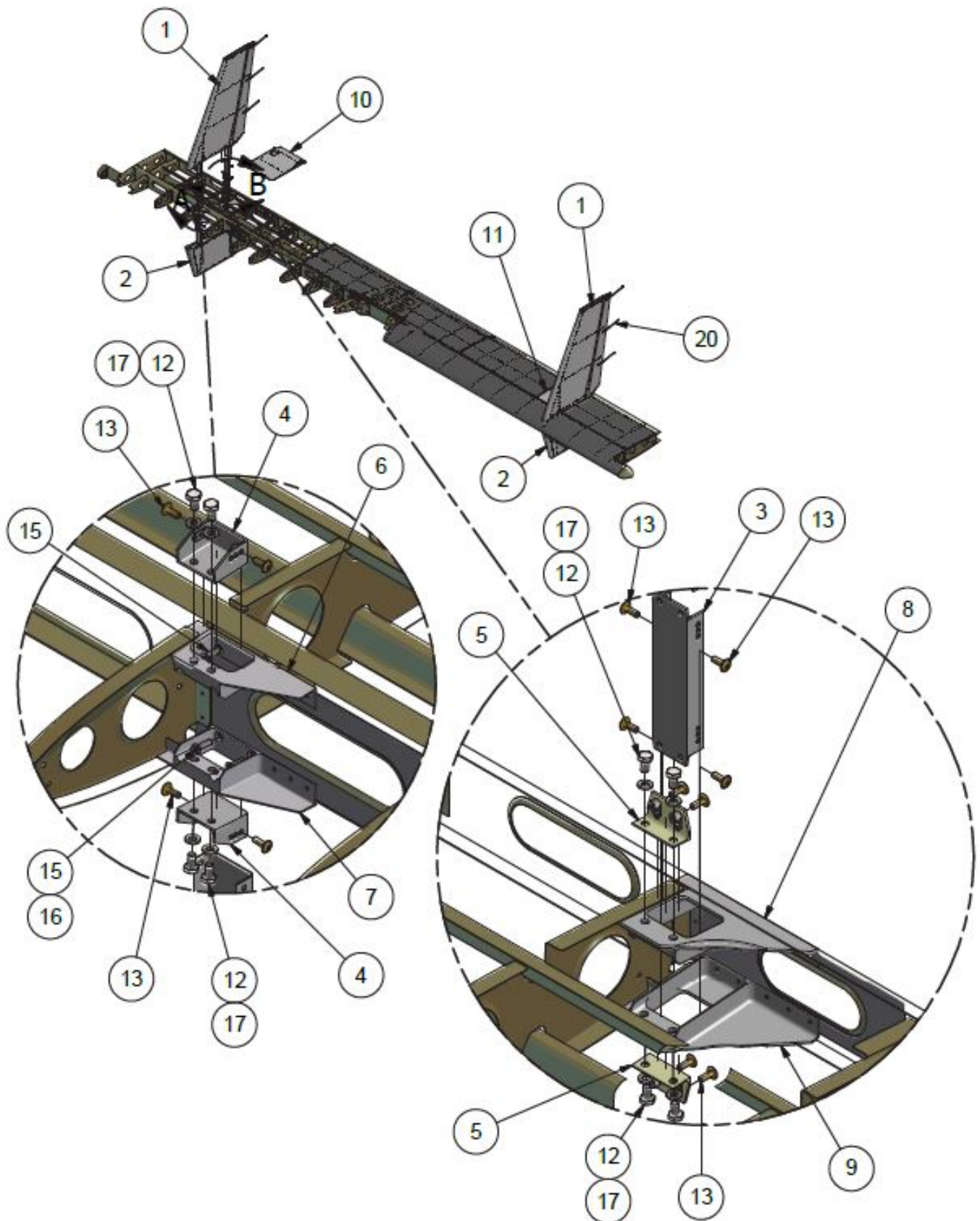
**STRAKE ASSEMBLY RIGHT**



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>STRAKE ASSEMBLY RIGHT |     |             |                                               |
|-------------------------------------|-----|-------------|-----------------------------------------------|
| ITEM                                | QTY | PART NUMBER | DESCRIPTION                                   |
| 1                                   | 1   | 1004478     | RIB 1, STRAKE, RH, KODIAK                     |
| 2                                   | 1   | 1004480     | RIB 2, STRAKE, RH, KODIAK                     |
| 3                                   | 1   | 1004482     | RIB 3, STRAKE, RH, KODIAK                     |
| 4                                   | 1   | 1004484     | RIB 4, STRAKE, RH, KODIAK                     |
| 5                                   | 1   | 1004486     | RIB 5, STRAKE, RH, KODIAK                     |
| 6                                   | 1   | 1004488     | RIB 6, STRAKE, RH, KODIAK                     |
| 7                                   | 1   | 1004490     | RIB 7, STRAKE, RH, KODIAK                     |
| 8                                   | 1   | 1004494     | DOUBLER, STRAKE, UPPER FLANGE, RH, KODIAK     |
| 9                                   | 1   | 1004496     | DOUBLER, STRAKE LOWER FLANGE, AFT, RH, KODIAK |
| 10                                  | 1   | 1004498     | DOUBLER, STRAKE LOWER FLANGE, FWD, RH, KODIAK |
| 11                                  | 1   | 1004504     | PANEL, STRAKE, RH, KODIAK                     |
| 12                                  | 1   | 1004506     | MOUNT, UPPER STAB, RH, KODIAK                 |
| 13                                  | 1   | 1004508     | MOUNT, LOWER STAB, RH, KODIAK                 |
| 15                                  | A/R | MS20470D4   | RIVET                                         |
| 16                                  | 1   | 1005149     | CAP, STRAKE REINFORCEMEN, RH                  |

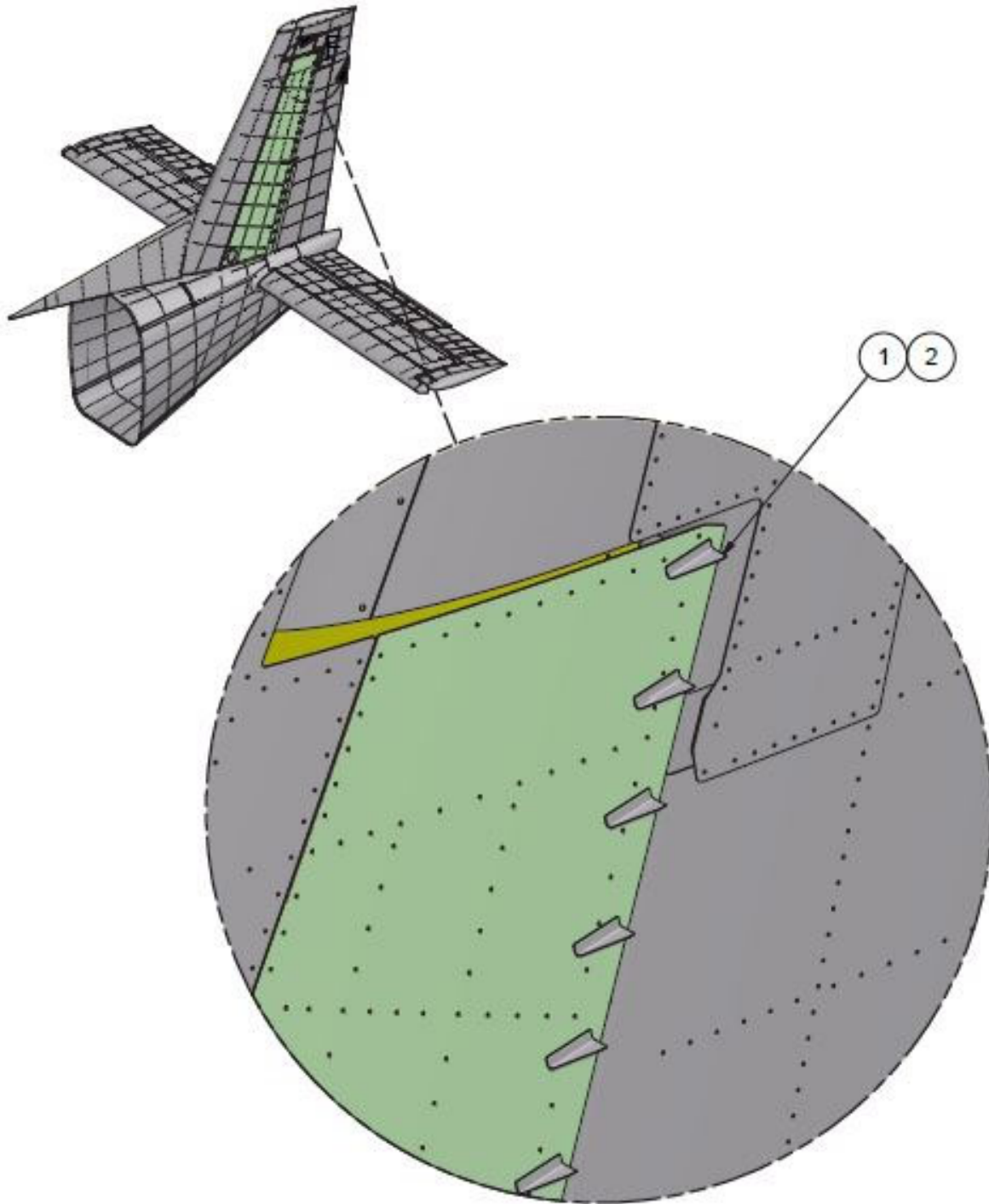
# FINLET INSTALLATION



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>FINLET INSTALLATION |     |               |                                                     |
|-----------------------------------|-----|---------------|-----------------------------------------------------|
| ITEM                              | QTY | PART NUMBER   | DESCRIPTION                                         |
| 1                                 | 2   | 1003697       | ASSEMBLY, AUXILARY FIN, UPPER, KODIAK               |
| 2                                 | 2   | 1003698       | ASSEMBLY, AUXILARY FIN, LOWER, KODIAK               |
| 3                                 | 2   | 1004132       | ASSEMBLY, FITTING, AUXILARY FIN, KODIAK             |
| 4                                 | 4   | 1004133       | ASSEMBLY, MOUNT, AUXILARY FIN, TOP & BOTTOM, KODIAK |
| 5                                 | 4   | 1004134       | ASSEMBLY, BRACKET, AFT AUXILARY FIN, KODIAK         |
| 6                                 | 2   | 1004135       | ASSEMBLY, BRACKET, AUX. FIN, SPAR, KODIAK           |
| 7                                 | 2   | 1004136       | ASSEMBLY, BRACKET, AUXILARY FIN, FWD SPAR, KODIAK   |
| 8                                 | 2   | 1004137       | ASSEMBLY, BRACKET, AFT SPAR, AUXILARY FIN, KODIAK   |
| 9                                 | 2   | 1004138       | ASSEMBLY, BRACKET, AFT SPAR, AUXILARY FIN, KODIAK   |
| 10                                | 1   | 1004169       | COVER, HORIZONTAL, AUXILARY FIN, KODIAK, RH         |
| 11                                | 1   | 1004170       | COVER, HORIZONTAL, AUXILARY FIN, KODIAK, LH         |
| 12                                | 8   | AN4-3A        | BOLT                                                |
| 13                                | 24  | AN525-10R8    | SCREW, WASHER HEAD                                  |
| 14                                | 8   | MS21044N3     | NUT                                                 |
| 15                                | 8   | MS24693-S273  | MACHINE SCREW                                       |
| 16                                | 8   | NAS1149F0363P | WASHER                                              |
| 17                                | 16  | NAS1149F0463P | WASHER                                              |
| 18                                | A/R | MS20470AD4    | RIVET, SOLID, UNIVERSAL HEAD                        |
| 19                                | A/R | CR3213-4      | RIVET, CHERRY MAX                                   |
| 20                                | 6   | C592001-0206  | STATIC WICK, CESSNA                                 |

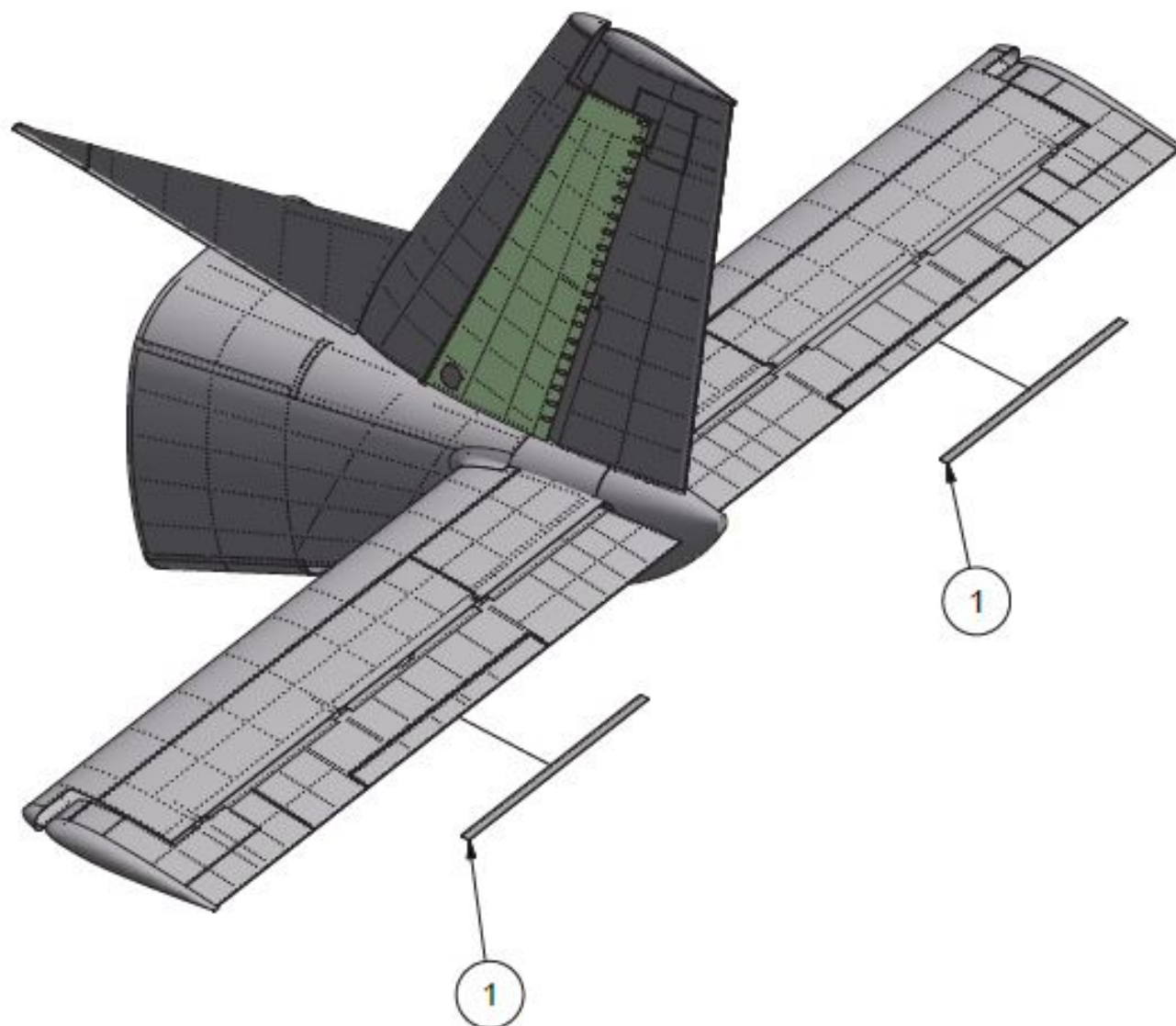
# VERTICAL STAB VORTEX GENERATOR



| Parts List<br>VERTICAL STAB VORTEX GENERATORS |     |             |                      |
|-----------------------------------------------|-----|-------------|----------------------|
| ITEM                                          | QTY | PART NUMBER | DESCRIPTION          |
| 1                                             | 20  | 1004524     | VORTEX GENERATOR, LH |
| 2                                             | 20  | 1004525     | VORTEX GENERATOR, RH |



# TRIM TAB EXTENSIONS HORIZONTAL STABILIZER



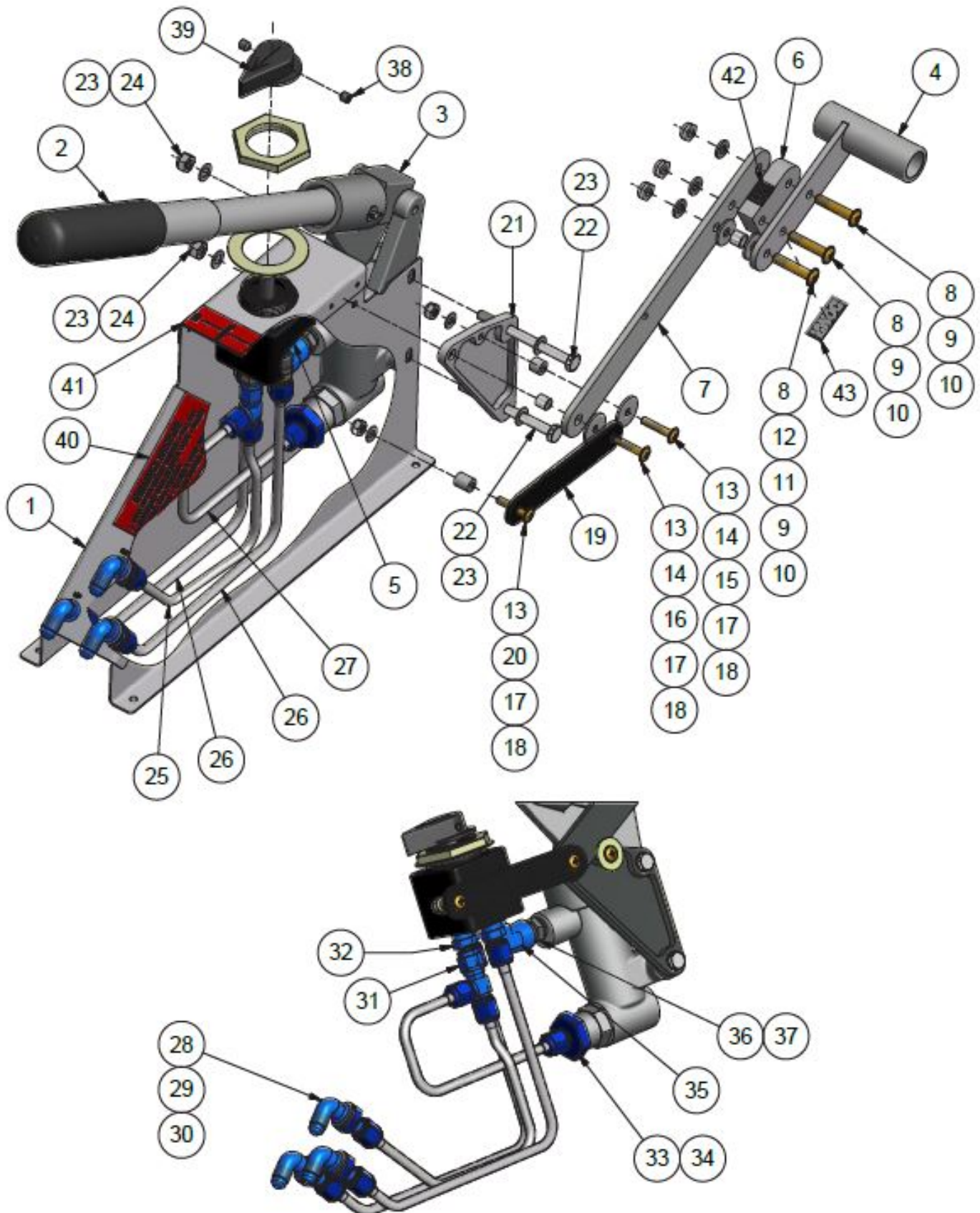
| Parts List                                |     |             |                             |
|-------------------------------------------|-----|-------------|-----------------------------|
| TRIM TAB EXTENSIONS HORIZONTAL STABILIZER |     |             |                             |
| ITEM                                      | QTY | PART NUMBER | DESCRIPTION                 |
| 1                                         | 2   | 1004526     | EXTENSION, TRIM TAB         |
| 2                                         | A/R | 1004846     | CONTROL BALANCE LEAD WEIGHT |

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## **SECTION 12: AIRCRAFT SYSTEMS**

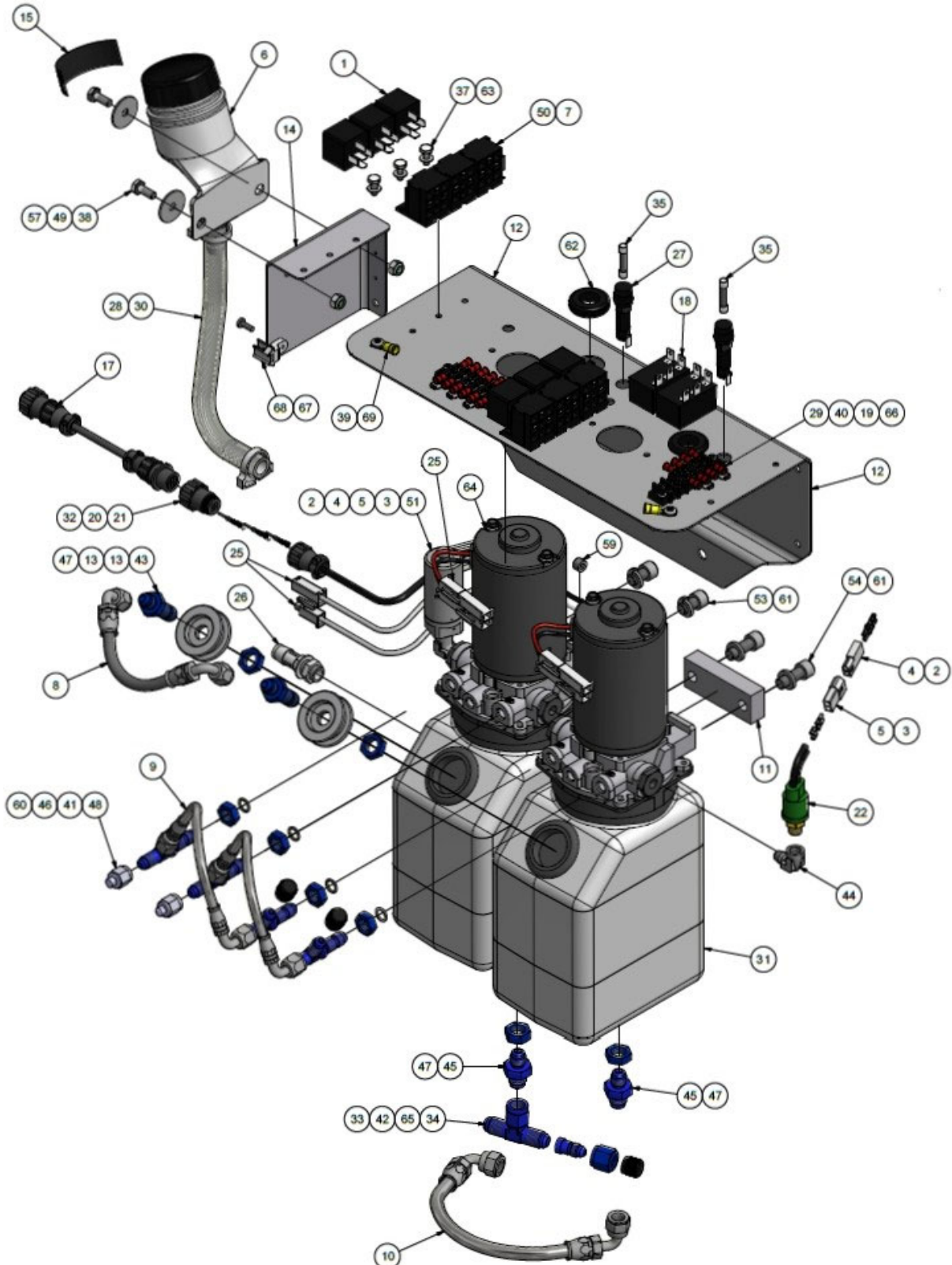
# HAND PUMP ASSEMBLY



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

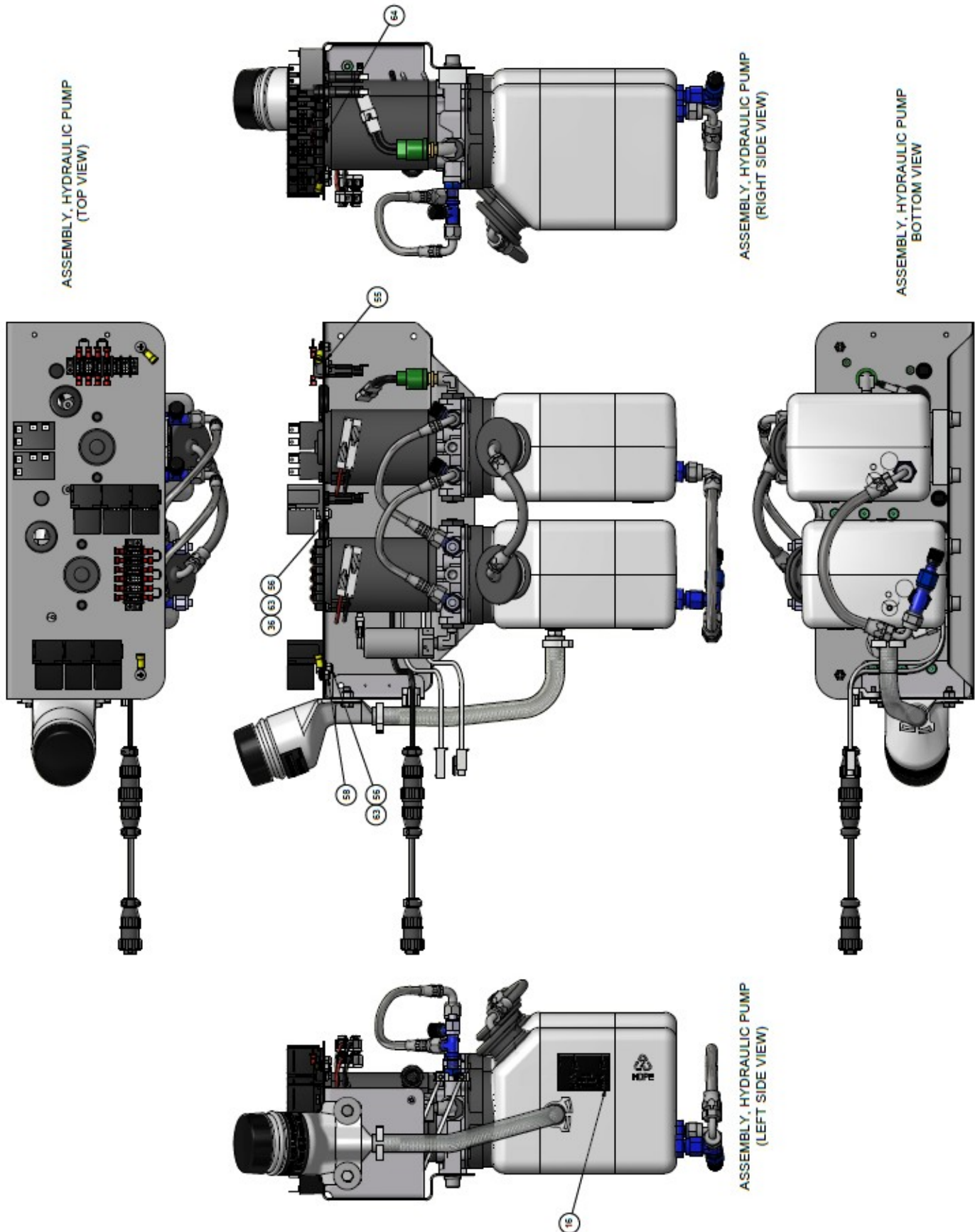
| Parts List<br>HAND PUMP ASSEMBLY |     |                |                                              |
|----------------------------------|-----|----------------|----------------------------------------------|
| ITEM                             | QTY | PART NUMBER    | DESCRIPTION                                  |
| 1                                | 1   | 1004470        | ASSEMBLY, HOUSING, HAND PUMP, KODIAK         |
| 2                                | 1   | 1002838        | RETRACT HANDLE                               |
| 3                                | 1   | 914-8D-27      | PUMP, HAND, HYDRAULIC                        |
| 4                                | 1   | 8A08000-061    | ASSEMBLY, LEVER HANDLE                       |
| 5                                | 1   | 51861S6HO3P    | VALVE, HYDRAULIC, 3 POSITION, WITH PANEL NUT |
| 6                                | 1   | 8A08033-003    | SPACER, WATER RUDDER RETRACT                 |
| 7                                | 1   | 8A08068-001    | LEVER - WATER RUDDER RETRACT                 |
| 8                                | 3   | AN525-416R20   | SCREW, WASHER HEAD                           |
| 9                                | 3   | NAS1149F0463P  | WASHER                                       |
| 10                               | 3   | MS21083N4      | NUT                                          |
| 11                               | 1   | NAS43HT4-20    | SPACER                                       |
| 12                               | 2   | S1450-4-12-063 | WASHER                                       |
| 13                               | 3   | AN525-10R16    | SCREW, WASHER HEAD                           |
| 14                               | 2   | AN970-3        | WASHER                                       |
| 15                               | 1   | 8A08267-006    | SPACER, RETRACT HANDLE                       |
| 16                               | 1   | NAS43HT3-20    | SPACER                                       |
| 17                               | 3   | NAS1149F0332P  | WASHER                                       |
| 18                               | 3   | MS21044N3      | NUT                                          |
| 19                               | 1   | 1004698        | RETAINER, RETRACT HANDLE                     |
| 20                               | 1   | 8A08267-007    | SPACER, RETRACT HANDLE                       |
| 21                               | 1   | 1004072        | BRACKET, LEVER, PUMP KODIAK                  |
| 22                               | 2   | AN4-30A        | BOLT                                         |
| 23                               | 4   | NAS1149C0432R  | WASHER                                       |
| 24                               | 2   | MS21044N4      | NUT                                          |
| 25                               | 1   | 1004627        | ASSEMBLY, TUBE, HYDRAULIC, HAND PUMP, KODIAK |
| 26                               | 2   | 1004626        | ASSEMBLY, TUBE, HYDRAULIC, HAND PUMP, KODIAK |
| 27                               | 1   | 1004628        | ASSEMBLY, TUBE, HYDRAULIC, HAND PUMP, KODIAK |
| 28                               | 3   | AN833-4D       | FITTING, HYDRAULIC, 90° ELBOW                |
| 29                               | 6   | NAS1149F0763P  | WASHER                                       |
| 30                               | 3   | AN924-4D       | JAM NUT                                      |
| 31                               | 1   | 926104ERL      | -4 "T" FEMALE AN SWIVEL ON RUN               |
| 32                               | 3   | AN816-4-4D     | NIPPLE, FLARED TUBE AND PIPE THREAD          |
| 33                               | 1   | AN919-10D      | UNION -10D                                   |
| 34                               | 1   | MS28775-016    | "O" RING                                     |
| 35                               | 1   | AN914-2D       | ELBOW, PIPE, INTERNAL AND EXTERNAL THREAD    |
| 36                               | 1   | AN816-6D       | NIPPLE, FLARED TUBE AND PIPE THREAD          |
| 37                               | 1   | MS28775-013    | "O" RING                                     |
| 38                               | 2   | 91375A556      | 1/4-28 X .25 SET SCREW                       |
| 39                               | 1   | 1004073        | KNOB, PUMP ASSEMBLY, KODIAK                  |
| 40                               | 1   | 1004814        | PLACARD, EMERGENCY HANDPUMP                  |
| 41                               | 1   | 10B3-6283-2    | PLACARD, EMERGENCY HANDPUMP GEAR POSITION    |
| 42                               | 1   | 1004657-1      | PLACARD, WATER RUDDER POSITION, UP           |
| 43                               | 1   | 1004657-2      | PLACARD, WATER RUDDER POSITION, DOWN         |

# HYDRAULIC PUMP ASSEMBLY





# HYDRAULIC PUMP ASSEMBLY (ADDITIONAL VIEWS)



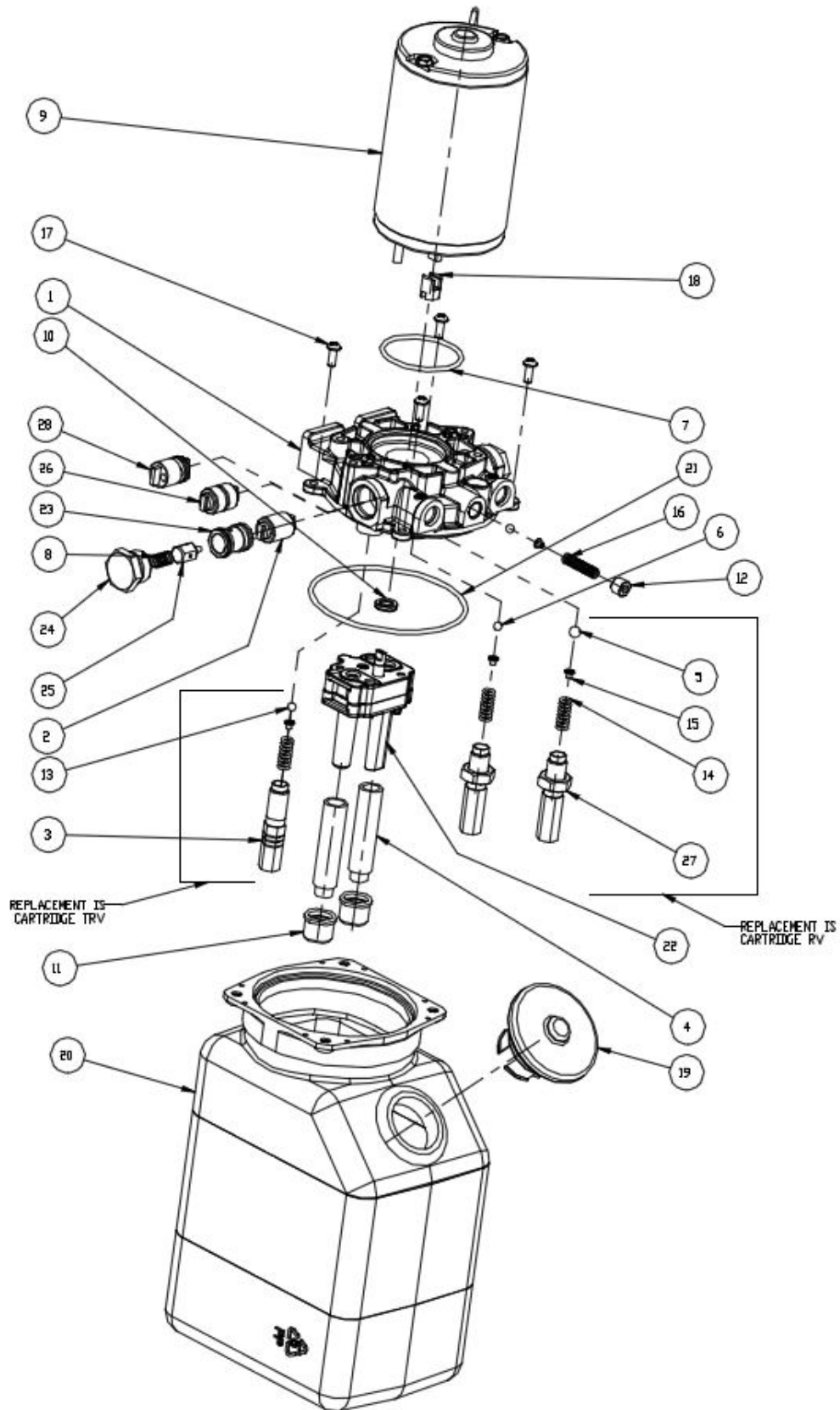
# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>HYDRAULIC PUMP ASSEMBLY |      |                   |                                             |                             |
|---------------------------------------|------|-------------------|---------------------------------------------|-----------------------------|
| ITEM                                  | QTY  | PART NUMBER       | DESCRIPTION                                 | VENDOR/SPECIFICATION        |
| 1                                     | 6    | 0-332-209-211     | RELAY, 24V, 5 PRONG                         | TYCO/V23234-A0004-X055      |
| 2                                     | 4    | 02-09-1104        | PIN, CRIMP FEMALE, 1/8" DIA                 | MOLEX                       |
| 3                                     | 4    | 02-09-2118        | PIN, CRIMP MALE, 1/8" DIA                   | MOLEX                       |
| 4                                     | 2    | 03-09-1022        | CONNECTOR PLUG, MALE, 2 CONN.               | MOLEX                       |
| 5                                     | 2    | 03-092022         | CONNECTOR PLUG, FEMALE                      | MOLEX                       |
| 6                                     | 1    | 066023            | FILLER SPOUT                                | FLAMBEAU INC.               |
| 7                                     | 30   | 1-901-355-917     | TERMINAL                                    | BOSCH                       |
| 8                                     | 1    | 1004089-16        | HYDRAULIC HOSE, RESERVOIR TO RESERVOIR, TOP | WIPAIRE                     |
| 9                                     | 2    | 1004089-17        | HYDRUALIC HOSE ASSEMBLY                     | WIPAIRE                     |
| 10                                    | 1    | 1004089-18        | HYDRAULIC HOSE                              | WIPAIRE                     |
| 11                                    | 1    | 1004390           | SPACER,MOUNT, HYDRAULIC PUMP                | WIPAIRE                     |
| 12                                    | 1    | 1004391           | PLATE, MOUNT, HYDRAULIC PUMP                | WIPAIRE                     |
| 13                                    | 4    | 1004514           | RETAINER, HYDRAULIC TANK VENT               | WIPAIRE                     |
| 14                                    | 1    | 1004589           | HYHDRAULIC FILLER BRACKET, KODIAK           | WIPAIRE                     |
| 15                                    | 1    | 1004663-1         | PLACARD, HYDRAULIC PUMP, FILL LOCATION      | WIPAIRE                     |
| 16                                    | 1    | 1004663-2         | PLACARD, HYDRAULIC PUMP, FLUID LEVEL        | WIPAIRE                     |
| 17                                    | 1    | 1004949           | CABLE, DIODE ADAPTOR                        | WIPAIRE                     |
| 18                                    | 1    | 1005043           | TIMER RELAY HARNESS                         | WIPAIRE                     |
| 19                                    | 5    | 1N4004            | DIODE, 2-1/2"                               | NTE ELECTRONICS             |
| 20                                    | 1    | 206062-3          | CLAMP, CABLE, CPC SIZE 11                   | TYCO ELECTRONICS            |
| 21                                    | 1    | 206429-1          | PLUG, MALE, CPC SIZE 1, 4 PIN               | TYCO ELECTRONICS            |
| 22                                    | 1    | 20PS001EB700W500W | PRESSURE SWITCH                             | SENSATA TECHNOLOGIES        |
| 23                                    | 12FT | 22759-16-12-9     | WIRE, 12 AWG, WHITE                         | MIL-W-22759-16-12           |
| 24                                    | 16FT | 22759-16-20-9     | WIRE, 20 AWG, WHITE                         | MIL-W-22759-16-20           |
| 25                                    | 5    | 2601048-200       | HOUSING CONNECTOR ASSEMBLY                  | CESSNA                      |
| 26                                    | 1    | 2974K861          | FITTING                                     | MCMMASTER CARR/5112K62      |
| 27                                    | 2    | 3453LF2A          | FUSE HOLDER                                 | LITTELFUSE                  |
| 28                                    | 2    | 57134             | CLAMP                                       | UNITED STATES PLASTIC CORP. |
| 29                                    | 2    | 6-140             | TERMINAL BLOCK, 6 CONNECTOR                 | CINCH                       |
| 30                                    | 1FT  | 60703             | BRAIDED TUBING                              | UNITED STATES PLASTIC CORP. |
| 31                                    | 2    | 646516            | HYDRAULIC PUMP WITH RESERVOIR               | PARKER HANNAFIN             |
| 32                                    | 3    | 66099-4           | PIN, MALE,1/16 DIA, CRIMP                   | TE CONNECTIVITY             |
| 33                                    | 3    | 820-01291         | CAP                                         | VIKING PLASTICS             |
| 34                                    | 1    | 925106ERL         | FITTING                                     | EARLS SPECIALTY FITTINGS    |
| 35                                    | 2    | AGC-1             | FUSE, 250V, (S2565-1)                       | BUSSMAN                     |
| 36                                    | 3    | AN3-3A            | BOLT                                        | AN3 THRU AN20               |
| 37                                    | 3    | AN3-4A            | BOLT                                        | AN3 THRU AN20               |
| 38                                    | 2    | AN4-5A            | BOLT                                        | AN3 THRU AN20               |

# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>HYDRAULIC PUMP ASSEMBLY |     |               |                                    |                        |
|---------------------------------------|-----|---------------|------------------------------------|------------------------|
| ITEM                                  | QTY | PART NUMBER   | DESCRIPTION                        | VENDOR/SPECIFICATION   |
| 39                                    | 2   | AN526-1032R6  | SCREW, MACHINE                     | AN526                  |
| 40                                    | 4   | AN526-632R10  | SCREW                              | AN526                  |
| 41                                    | 4   | AN804-4D      | TEE FITTING                        | AN804                  |
| 42                                    | 1   | AN818-6D      | NUT - COUPLING                     | AN818                  |
| 43                                    | 2   | AN832-5D      | UNION -5D                          | AN832                  |
| 44                                    | 2   | AN914-1D      | ELBOW,90°, INTERNALEXTERNAL PIPE   | AN914                  |
| 45                                    | 2   | AN919-7D      | FITTING, REDUCER                   | AN919                  |
| 46                                    | 4   | AN924-4D      | JAM NUT                            | AN924                  |
| 47                                    | 4   | AN924-5D      | JAM NUT                            | AN924                  |
| 48                                    | 2   | AN929-4       | CAP                                | AN929                  |
| 49                                    | 2   | AN970-4       | WASHER,.265 ID, 1.125 OD, .063 THK | AN970                  |
| 50                                    | 6   | BR05FW        | SOCKET, 5 PRONG, PLASTIC           | CUSTOM CONNECTOR CORP. |
| 51                                    | 1   | GPP1250-23    | PRESSURE SWITCH                    | AEROSPACE PRODUCTS INC |
| 52                                    | 2FT | HS105-3/16-0  | HEAT SHRINK, TUBING, BLACK         | INSULTAB               |
| 53                                    | 2   | MS16997-96    | SOCKET HEAD CAP SCREW              | MS16997                |
| 54                                    | 2   | MS16997-99    | SOCKET HEAD CAP SCREW              | MS16997                |
| 55                                    | 4   | MS21044N06    | NUT                                | MS21044                |
| 56                                    | 6   | MS21044N3     | NUT                                | MS21044                |
| 57                                    | 2   | MS21044N4     | NUT                                | MS21044                |
| 58                                    | 2   | MS21045-3     | NUT, SELF LOCKING                  | MS21045                |
| 59                                    | 2   | MS27769-2     | PLUG                               | MS27769                |
| 60                                    | 4   | MS28775-012   | "O" RING                           | MS28775                |
| 61                                    | 4   | MS35338-46    | WASHER, SPLIT                      | MS35338                |
| 63                                    | 12  | NAS1149F0332P | WASHER                             | NAS1149                |
| 64                                    | 8   | NAS1149F0363P | WASHER                             | NAS1149                |
| 65                                    | 1   | NAS1564D6-4   | FITTING, REDUCER                   | NAS1564                |
| 66                                    | 20  | R-3           | RING CONNECTOR                     | MS25036-102            |
| 67                                    | 1   | S1021Z8-8     | SCREW                              | AN530-8R8              |
| 68                                    | 1   | S2034-1       | MOUNT                              | CESSNA                 |
| 69                                    | 2   | Y-4           | RING CONNECTOR                     | MS25036-112            |
| 62                                    | 2   | MS35489-19    | GROMMET                            |                        |

# HYDRAULIC PUMP, REVERSIBLE, 24VDC

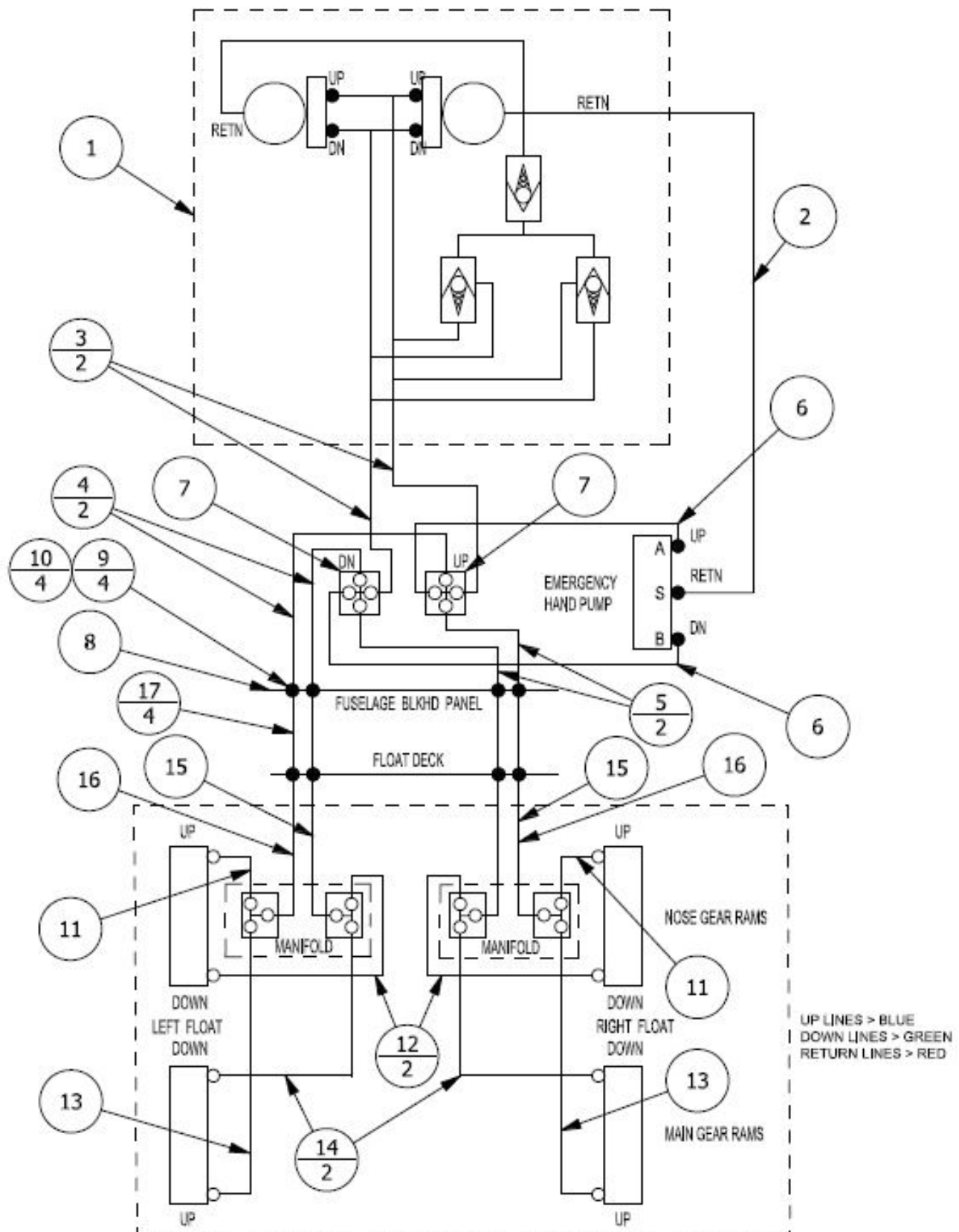




# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>HYDRAULIC PUMP, REVERSIBLE, 24VDC |     |             |                                                                                                                     |
|-------------------------------------------------|-----|-------------|---------------------------------------------------------------------------------------------------------------------|
| ITEM                                            | QTY | PART NUMBER | DESCRIPTION                                                                                                         |
|                                                 | 1   | 648487      | PUMP HYDRAULIC, REVERSIBLE, 24VDC                                                                                   |
| 1                                               | 1   | 205882      | ADAPTER                                                                                                             |
| 3                                               |     | N/A         | PART OF THERMAL RV CARTRIDGE                                                                                        |
| 4                                               | 2   | 364528      | SUCTION EXTENSION TUBE                                                                                              |
| 5                                               |     | N/A         | PART OF RELIEF VALVE CARTRIDGE                                                                                      |
| 6                                               |     | N/A         | PART OF RELIEF VALVE CARTRIDGE                                                                                      |
| 7                                               | 1   | 405673      | MOTOR O-RING                                                                                                        |
| 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         | PART OF RELIEF VALVE CARTRIDGE                                                                                      |
| 14                                              |     | N/A         | PART OF RELIEF VALVE CARTRIDGE                                                                                      |
| 15                                              |     | 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, RESERVOIR SEAL                                                                                              |
| 22                                              | 1   | 635354      | PUMP, .032, REVERSIBLE, COLD TEMP.                                                                                  |
| 22A                                             | 2   | 406187      | SCREW, PUMP MOUNTING (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                                                                                                                 |
| 27                                              |     | N/A         | PART OF RELIEF VALVE CARTRIDGE                                                                                      |
| 28                                              | 1   | 774376      | SPOOL, DOUBLE BACK PRESSURE LD                                                                                      |
|                                                 |     |             |                                                                                                                     |
| THERMAL RV                                      | 2   | 704522      | THERMAL RV CARTRIDGE – SPECIFY PRESSURE SETTING AT 1900 PSI                                                         |
| RELIEF VALVE                                    | 2   | 704517      | RELIEF VALVE CARTRIDGE – SPECIFY PRESSURE SETTING OF 1400 +150/-0 PSI FOR UP SIDE: SPECIFY 1100 +150/-0 PSI DN SIDE |
|                                                 |     |             |                                                                                                                     |
|                                                 |     | 634412      | SEAL KIT (FITS ALL)                                                                                                 |

# HYDRAULIC SCHEMATIC



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

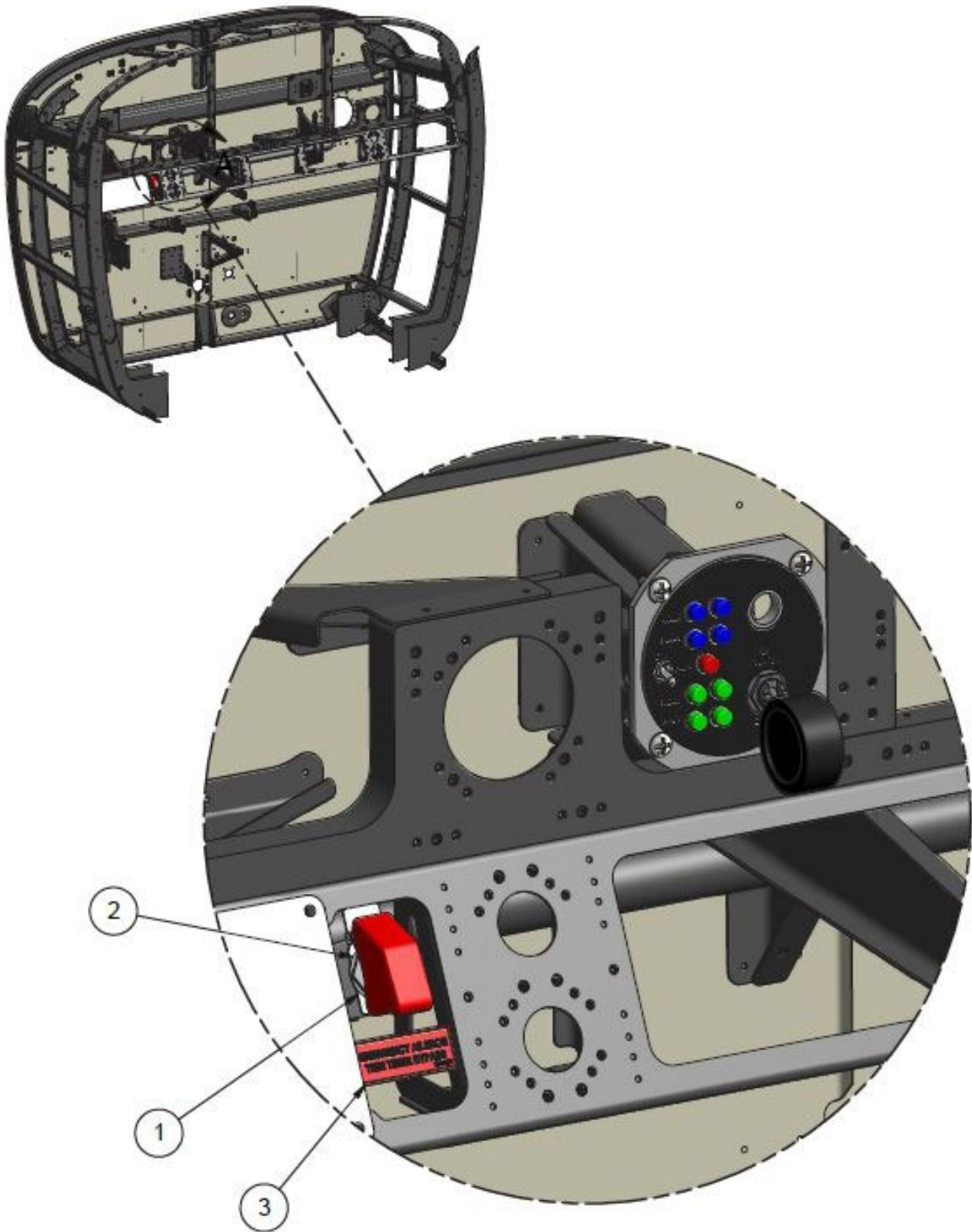
| Parts List<br>HYDRAULIC SCHEMATIC |     |             |                                         |                        |
|-----------------------------------|-----|-------------|-----------------------------------------|------------------------|
| ITEM                              | QTY | PART NUMBER | DESCRIPTION                             | VENDOR/ SPECCIFICATION |
| 1                                 | 1   | 1004397     | ASSEMBLY, HYDRAULIC PUMP                | WIPAIRE                |
| 2                                 | 1   | 1004089-19  | HYDRAULIC LINE, RETN TO HYDR PUMP       | WIPAIRE                |
| 3                                 | 2   | 1004089-20  | HYDRAULIC LINE, HYDR TO CROSS           | WIPAIRE                |
| 4                                 | 2   | 1004089-21  | HYDRAULIC LINE, CROSS TO LT FLT         | WIPAIRE                |
| 5                                 | 2   | 1004089-22  | HYDRAULIC LINE, CROSS TO RT FLT         | WIPAIRE                |
| 6                                 | 2   | 1004089-23  | HYDRAULIC LINE, CROSS TO HAND PUMP      | WIPAIRE                |
| 7                                 | 2   | AN827-4D    | FITTING, FOUR WAY CROSS                 | AN827                  |
| 8                                 | 2   | 1004850     | DOUBLER, KODIAK, HYDRA PNL              | WIPAIRE                |
| 9                                 | 6   | AN833-4D    | FITTING, BLKHD, 90 DEG ELBOW            | AN833                  |
| 10                                | 6   | AN924-4D    | NUT                                     | AN924                  |
| 11                                | 2   | 1004089-01  | HYDRAULIC LINE, NOSE, UP                | WIPAIRE                |
| 12                                | 2   | 1004089-02  | HYDRAULIC LINE, NOSE, DOWN              | WIPAIRE                |
| 13                                | 2   | 1004089-03  | HYDRAULIC LINE, MAIN , UP               | WIPAIRE                |
| 14                                | 2   | 1004089-04  | HYDRAULIC LINE, MAIN ,DOWN              | WIPAIRE                |
| 15                                | 2   | 1004089-05  | HYDRAULIC LINE, FLT DECK TO MANFLD, DWN | WIPAIRE                |
| 16                                | 2   | 1004089-06  | HYDRAULIC LINE, FLT DECK TO MANFLD, UP  | WIPAIRE                |
| 17                                | 4   | 1004089-07  | HYDRAULIC LINE, FUSELAGE TO FLT DECK    | WIPAIRE                |



# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>HYDRAULIC SCHEMATIC |     |                  |                                       |                            |
|-----------------------------------|-----|------------------|---------------------------------------|----------------------------|
| ITEM                              | QTY | PART NUMBER      | DESCRIPTION                           | VENDOR/ SPECCIFICATION     |
|                                   | 1   | 21A11000-019     | INDICATOR ASSEMBLY, GEAR CONTROL, 24V | WIPAIRE                    |
| 1                                 | 1   | 21A11179-001     | BLOCK, GEAR CONTROL                   | WIPAIRE                    |
| 2                                 | 1   | 8857K44          | SWITCH, GEAR SELECTOR                 | WIPAIRE                    |
| 3                                 | 1   | 21A11259-003     | GEAR SWITCH KNOB                      | WIPAIRE                    |
| 4                                 | 1   | 5073918-1431-600 | INDICATOR LAMP, 28V, RED              | DIALIGHT                   |
| 5                                 | 4   | 5073918-1432-600 | INDICATOR LAMP, 28V, GRN              | DIALIGHT                   |
| 6                                 | 4   | 5073918-1434-600 | INDICATOR LAMP, 28V, BLU              | DIALIGHT                   |
| 7                                 | 1   | A101SYCB         | TOGGLE SWITCH, SPDT, ON ON,           | TYCO 4-1825136-4           |
| 8                                 | 1   | 10B3-6202        | PLACARD, GEAR SELECTOR, ROUND         | WIPAIRE                    |
| 9                                 | 9   | 515-0012         | SOCKET, GEAR SELECTOR LIGHTS          | DIALIGHT 515-0074          |
| 10                                | 4   | AN526-632R8      | SCREW, MACHINE, TRUSS HEAD            | MS35214-42                 |
| 11                                | 1   | 4A11000-008      | WIRE HARNESS ASSEMBLY, GEAR           | WIPAIRE                    |
| 12                                | 1   | RH-5-180         | RESISTOR, 28V, DALE RH5 5W            | VISHAY DALE RH005180R0FE02 |
| 13                                | 3   | R3               | TERMINAL, RING , 36, RED              | MS25036-102                |
| 14                                | 5   | PLT1M-M          | CABLE TIE, SMALL, WHITE               | MS3367-4                   |
| 15                                | A/R | HIXR-3/16        | SHRINK WRAP, 3/16, WHITE              | MIL-I-23053B/5             |
| 16                                | A/R | HS105-1/2-0      | HEAT SHRINK, TUBING                   | MIL-I-23053B/5 CLASS 1 & 2 |
| 17                                | A/R | 22759-16-20-9    | WIRE, 20 AWG, WHITE                   | MIL-W-22759-16-20          |

**AILERON TRIM TIMER BYPASS SWITCH**



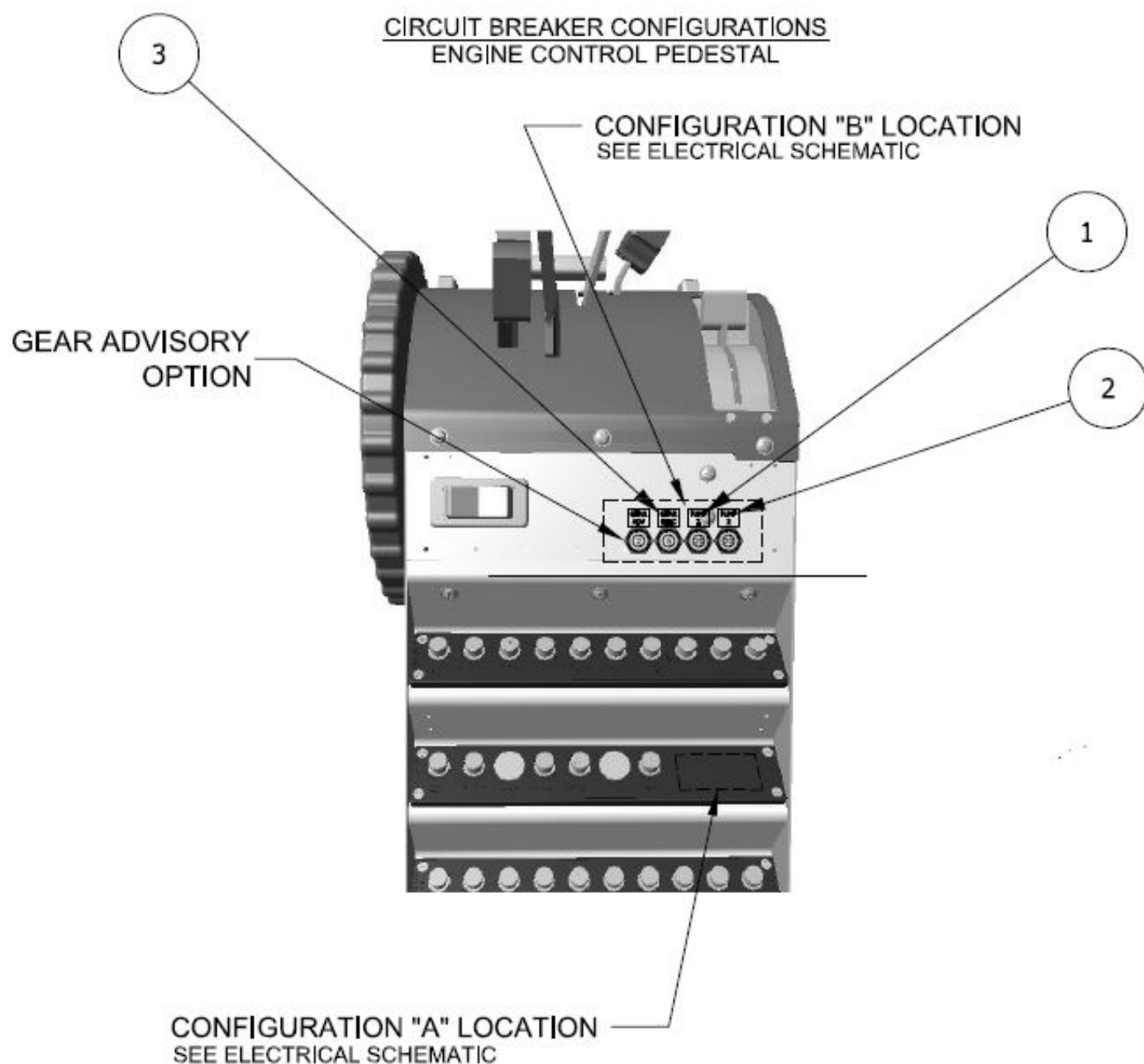
# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List                       |     |               |                                            |                      |
|----------------------------------|-----|---------------|--------------------------------------------|----------------------|
| AILERON TRIM TIMER BYPASS SWITCH |     |               |                                            |                      |
| ITEM                             | QTY | PART NUMBER   | DESCRIPTION                                | VENDOR/SPECIFICATION |
|                                  |     | 1004634       | SWITCH ASSEMBLY, AILERON TRIM TIMER BYPASS | WIPAIRE              |
| 1                                | 1   | MS25224-1     | GUARD, SWITCH                              | WIPAIRE              |
| 2                                | 1   | MS35058-22    | SWITCH, TOGGLE ONE POLE, SEALED TOGGLE     | WIPAIRE              |
| 3                                | 1   | 1004661       | PLACARD, KODIAK, EMERGENCY AILERON TRIM    | WIPAIRE              |
| 4*                               | 4   | 35C4915       | PIN, MALE, 18-22 AWG                       | MOLEX                |
| 5*                               | 2   | 94F1671       | SOCKET, FEMALE, 18-22 AWG                  | MOLEX                |
| 6*                               | 2   | 29M9714       | SOCKET, FEMALE, 14-18 AWG                  | MOLEX                |
| 7*                               | 1   | 38C8744       | CONNECTOR, 4 PIN, FEMALE                   | MOLEX                |
| 8*                               | 1   | 38C8730       | CONNECTOR, 4 PIN, MALE                     | MOLEX                |
| 9*                               | 2   | 35149         | TERMINAL, RING, #6 , RED 16-22 AWG         | MS25036-102          |
| 10*                              | A/R | 22759-16-20-9 | WIRE, 20 AWG, WHITE                        | MIL-W-22759-16-20    |

\* SEE TRIM TIMER BYPASS SCHEMATIC



# CIRCUIT BREAKER CONFIGURATIONS ENGINE CONTROL PEDESTAL

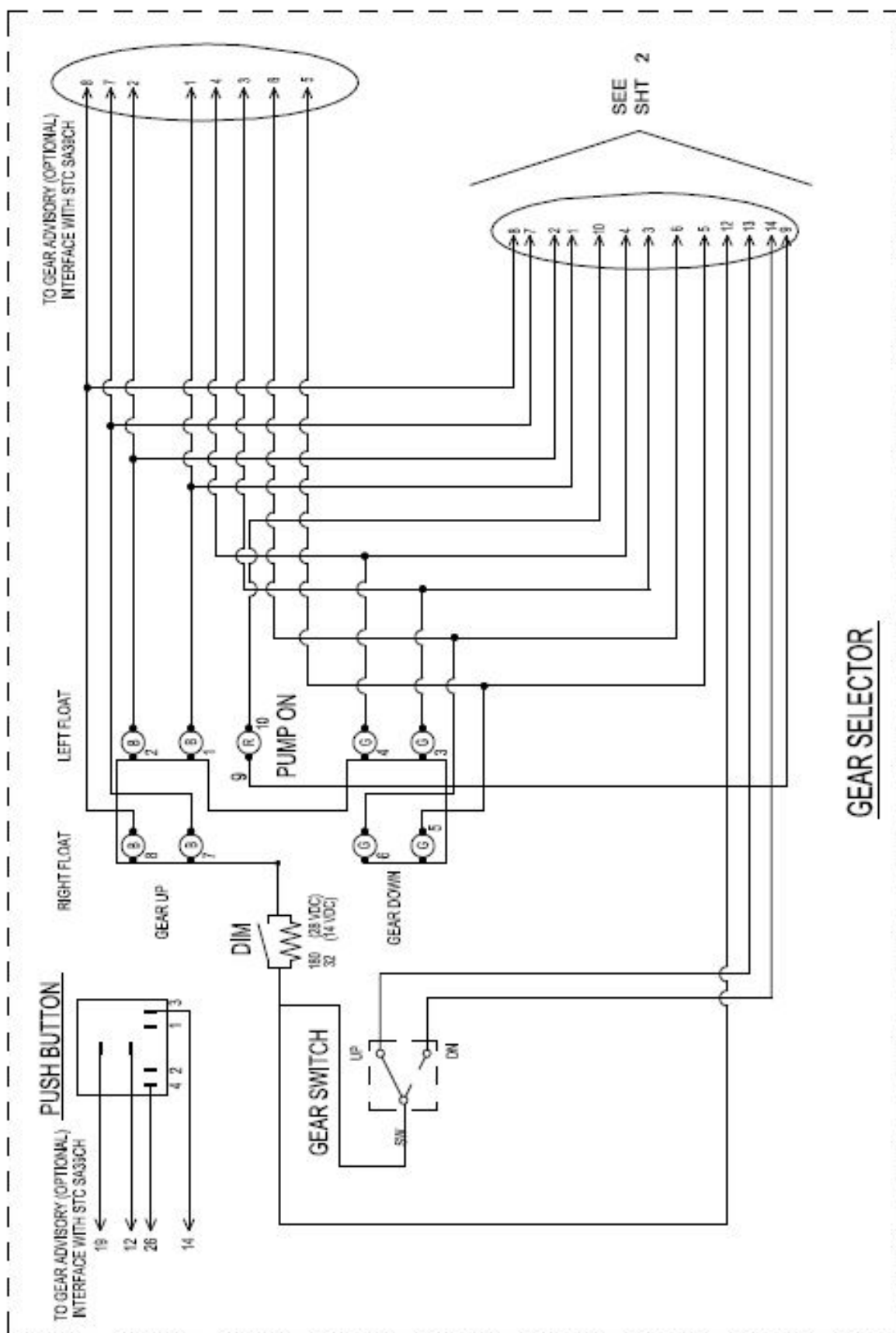


| Parts List                                             |     |             |                        |                      |
|--------------------------------------------------------|-----|-------------|------------------------|----------------------|
| CIRCUIT BREAKER CONFIGURATIONS ENGINE CONTROL PEDESTAL |     |             |                        |                      |
| ITEM                                                   | QTY | PART NUMBER | DESCRIPTION            | VENDOR/SPECIFICATION |
| 1                                                      | 1   | 10A3-6509-4 | PLACARD, PUMP 1        | WIPAIRE              |
| 2                                                      | 1   | 10A3-6509-5 | PLACARD, PUMP 2        | WIPAIRE              |
| 3                                                      | 1   | 10A3-6509-1 | PLACARD, GEAR SELECTOR | WIPAIRE              |

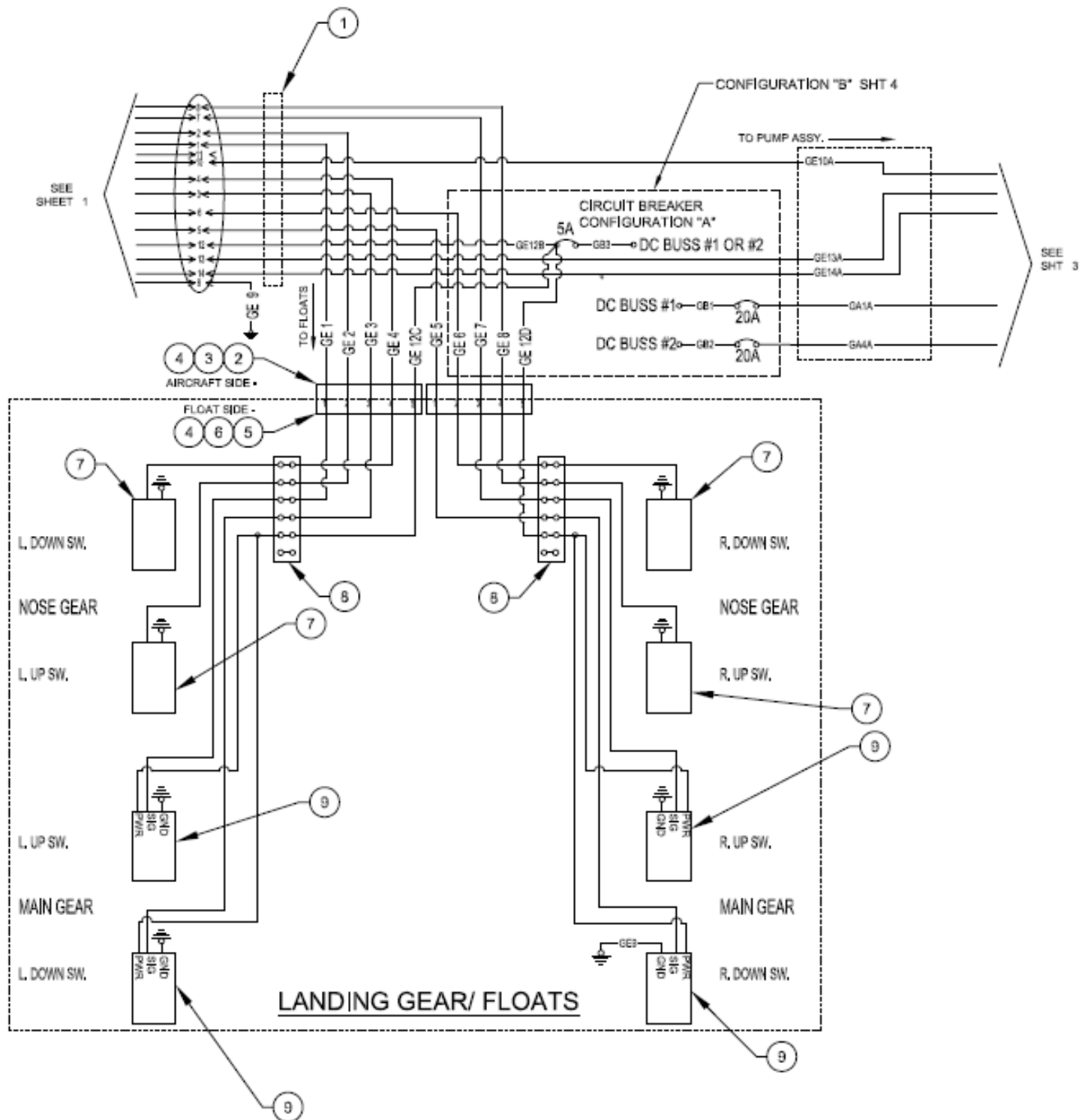


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ELECTRIC SCHEMATIC – SHEET 1

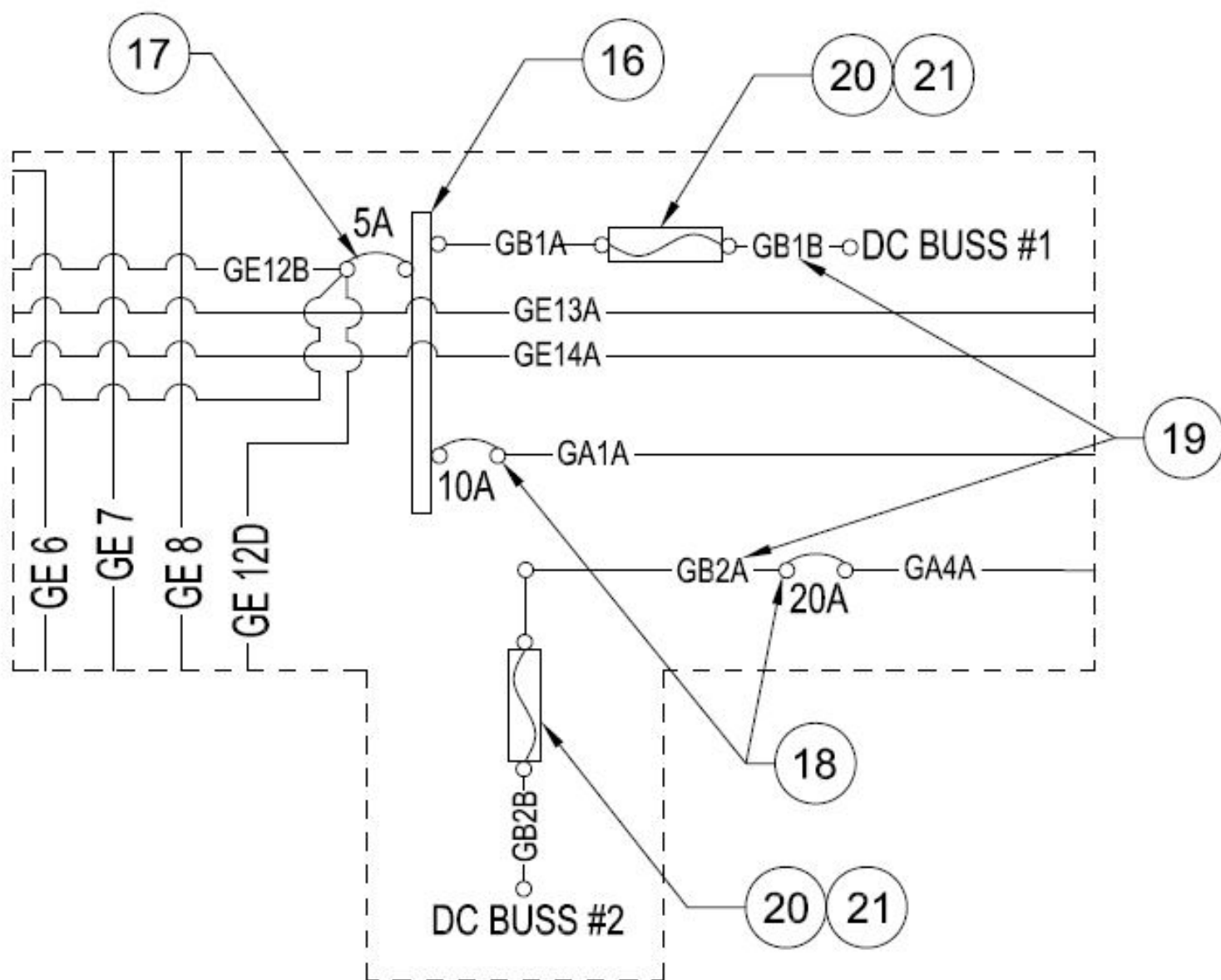


ELECTRIC SCHEMATIC – SHEET 2



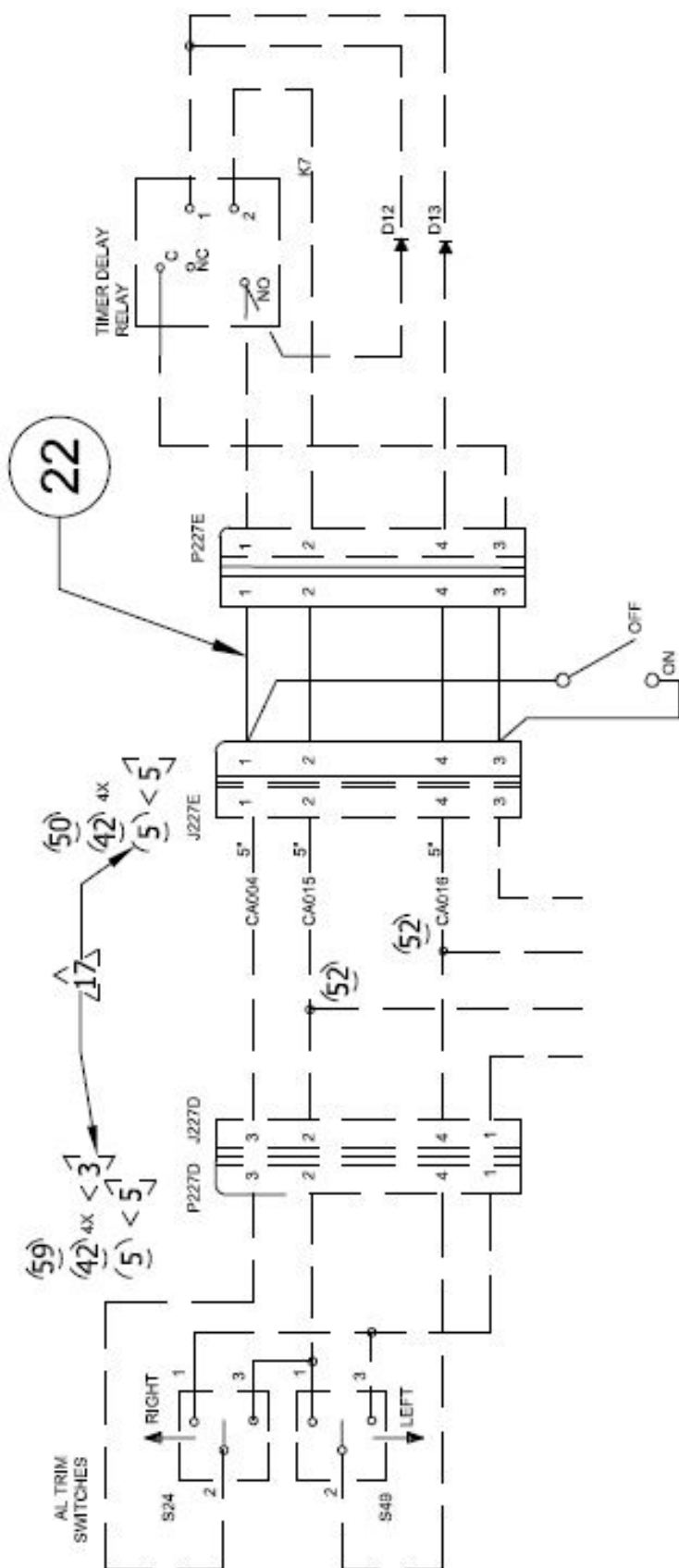


ELECTRIC SCHEMATIC – SHEET 4



CIRCUIT BREAKER CONFIGURATION "B"

ELECTRIC SCHEMATIC – SHEET 5



# EMERGENCY TRIM TIMER OVERRIDE SYSTEM

AILERON TRIM SYSTEM PARTIAL WIRING SCHEMATIC  
SEE QUEST DWG NO 100-820-1138, LATEST REVISION.

# WIPLINE 7000 AMPHIBIAN PARTS MANUAL

| Parts List<br>ELECTRICAL SCHEMATIC |     |             |                                      |                       |
|------------------------------------|-----|-------------|--------------------------------------|-----------------------|
| ITEM                               | QTY | PART NUMBER | DESCRIPTION                          | VENDOR/ SPECIFICATION |
| 1                                  | 1   | 1004509     | KODIAK MAIN HARNESS                  | WIPAIRE               |
| 2                                  | 16  | 66103-4     | CRIMP SOCKET, MALE, 20-24A           | TYCO ELECTRONICS      |
| 3                                  | 2   | 20705-2     | CPC FREE HANG, 9 PIN, MALE #1        | TYCO ELECTRONICS      |
| 4                                  | 2   | 206966-1    | CPC CABLE CLAMP, SIZE 13, 9 PIN      | TYCO ELECTRONICS      |
| 5                                  | 13  | 66105-4     | CRIMP SOCKET, FEMALE, 24-20A         | TYCO ELECTRONICS      |
| 6                                  | 2   | 206708-1    | CPC PLUG FEMALE #1, 9 PIN            | TYCO ELECTRONICS      |
| 7                                  | 4   | 59135-020   | HAMLIN SWITCH                        | HAMLIN ELECTRONICS    |
| 8                                  | 2   | 6-140       | 6 POSITION TERMINAL BLOCK            | CINICH                |
| 9                                  | 4   | 1004475     | PROXIMITY SWITCH                     | WIPAIRE               |
| 10                                 | 3   | 206062-3    | CPC CABLE CLAMP, SIZE 11             | TYCO ELECTRONICS      |
| 11                                 | 1   | 206430-2    | CPC PLUG FEMALE #1, 4 PIN            | TYCO ELECTRONICS      |
| 12                                 | 2   | 206429-1    | CPC PLUG MALE #1, 4 PIN              | TYCO ELECTRONICS      |
| 13                                 | 1   | 1004473     | WIRE HARNESS, Y-CONNECTOR            | WIPAIRE               |
| 14                                 | 2   | 1004635     | WIRE, SINGLE CONNECTOR               | WIPAIRE               |
| 15                                 | 1   | 1004949     | CABLE, DIODE ADAPTER                 | WIPAIRE               |
| 16                                 | 1   | 1004830     | BUSS BAR                             | WIPAIRE               |
| 17                                 | 1   | 7277-2-5    | CIRCUIT BREAKER, 5 AMP               | KLIXON                |
| 18                                 | 2   | 7277-2-20   | CIRCUIT BREAKER, 20 AMP              | KLIXON                |
| 19                                 | A/R | 97358       | SPLIT LOOM                           | HI-LINE               |
| 20                                 | 2   | AGC-30      | FAST ACTING FUSE                     | RUSSMAN               |
| 21                                 | 2   | FNY-30      | FUSE HOLDER                          | LITTLE FUSE           |
| 22                                 | 1   | 1004634     | WIRE HARNESS, AILERON TRIM TIMER BYP | WIPAIRE               |

WIPLINE 7000 AMPHIBIAN PARTS MANUAL

PARTS MANUAL  
FOR  
MODEL 7000 WIPLINE FLOAT  
P/N 1005250



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