



• MANUFACTURERS OF WIPLINE FLOATS & SKIS  
 • SPECIALISTS IN AIRCRAFT MODIFICATION

1700 Henry Avenue - Fleming Field  
 South St. Paul, MN 55075  
 651-451-1205

Rev / Latest  
 Rev. Date  
 B / 10-15-10

Original  
 Release  
 9-1-10

Prepared by Ellen Parker	Aircraft Make / Model Quest Kodiak	Float / Ski Model 7000 Amphibious floats	Page 1 2
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FAA Reviewed <input checked="" type="checkbox"/>	Title Kodiak Top Arm Modification, 7000 Main Gear
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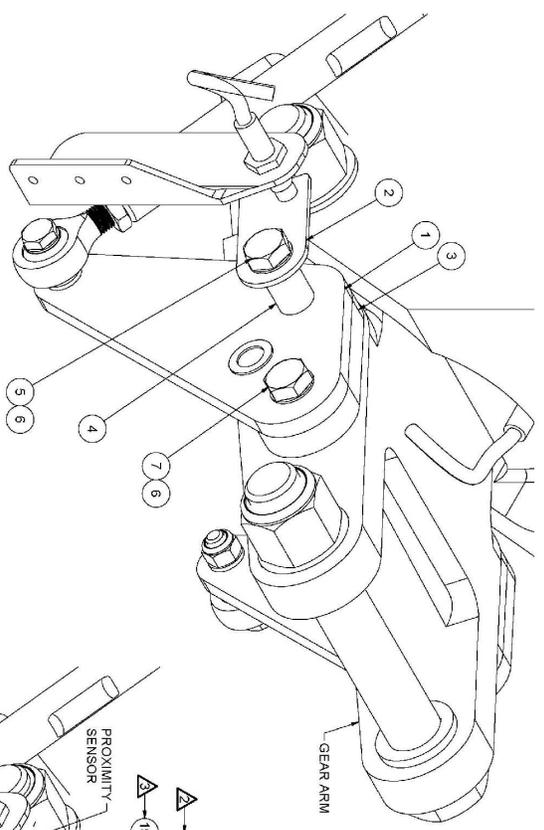
**ALL INFORMATION IN THIS SERVICE DOCUMENT BASED ON FAA APPROVED DATA**

## SERVICE KIT: 76

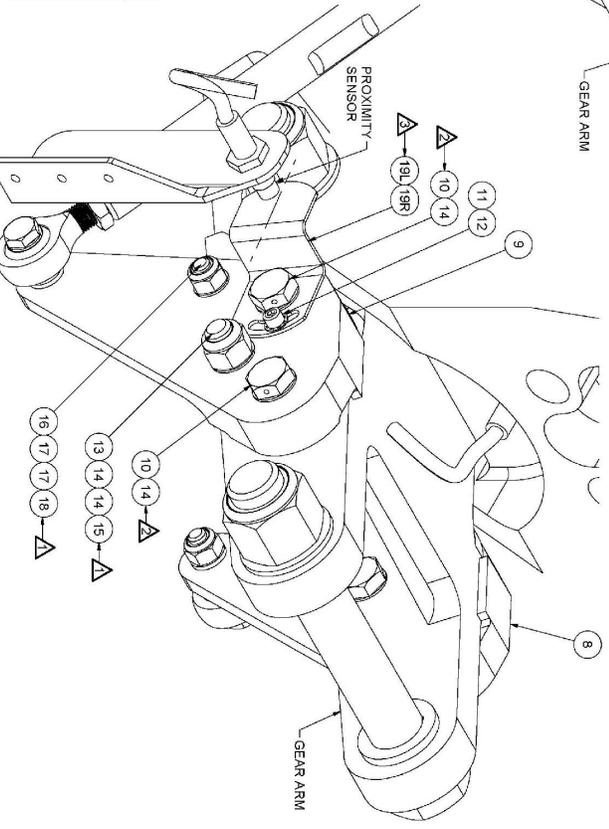
<b>EFFECTIVITY</b>	7000 Float Serial Numbers 70001-70026
<b>COMPLIANCE</b>	Mandatory compliance for effective serial numbers. Change will be added to manufacturing process after 70026.
<b>BACKGROUND</b>	Engineering enhancement.
<b>COMPLIANCE METHOD</b>	SK-76 consists of all the parts on the "New Design Parts List". These parts will be supplied by Wipaire to be installed as indicated on the included drawing. NOTE: Wipaire may elect to send a fully assembled service kit that also includes new gear arms. If a fully assembled kit is provided, the old unit can be unbolted by removing the two AN10 bolts, one at the main pivot location, one at the top of the shock strut and the two AN4 bolts at the attaching rod-ends. The sensor flags must be checked for correct positioning after installation of the new components and adjusted per the service manual. Please send the removed parts back to Wipaire for inspection.
<b>SHOP HOURS</b>	2 Hours per float
<b>WARRANTY</b>	Parts and Labor for 18 months past the original issuance date of this service kit.
<b>NOTES</b>	

REVISION HISTORY				DESCRIPTION
REV	DATE	ECO	DR	INITIAL RELEASE
A	9/27/10	Z2081	ESR	

- NOTES:
- ▲ MATCH DRILL ARM BRACKET HOLES INTO GEAR ARM
  - ▲ SAFETY WIRE
  - ▲ ALIGN CENTER OF FLAG WITH PROXIMITY SENSOR & ENSURE THAT THE FLAG DOES NOT HIT AND BREAK THE PROXIMITY SWITCH ON GEAR CHECK & SUBSEQUENT SWITCH LIGHT ADJUSTMENT.



OLD DESIGN  
LEFT GEAR SHOWN - RIGHT OPPOSITE  
SCALE 1 : 1



NEW DESIGN  
LEFT GEAR SHOWN - RIGHT OPPOSITE  
SCALE 1 : 1

OLD DESIGN PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	1004013	BRACKET, ARM, TOP, MAIN GEAR (OBSOLETE)
2	1	1004986	PLATE, PROXIMITY SENSOR (OBSOLETE)
3	2	1004017	SPACER, BRACKET, ARM, TOP, MAIN GEAR (OBSOLETE)
4	1	1N4S43H16-48	SPACER
5	1	AN6-17A	BOLT
6	4	1N4S1149F0632P	WASHER
7	1	AN6-10A	BOLT

NEW DESIGN PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
8	1	1004928	BRACKET, ARM, TOP, MAIN GEAR, RIGHT
9	1	1004927	BRACKET, ARM, TOP, MAIN GEAR, LEFT
10	4	AN6H10A	BOLT
11	1	MS35333-38	STAR WASHER
12	1	MS16997-31	SCREW, CAP SOCKET HEAD
13	2	AN6-16A	BOLT
14	8	1N4S1149F0632P	WASHER
15	2	MS21044N6	NUT
16	2	AN4-15A	BOLT
17	4	1N4S1149F0432P	WASHER
18	2	MS21044N4	NUT
19L	1	1004929	FLAG, PROXIMITY SENSOR, (LEFT FLOAT ONLY)
19R	1	1004930	FLAG, PROXIMITY SENSOR, (RIGHT FLOAT ONLY)

WIPAIR, INC.  
1700 HENRY AVE. SOUTH ST. PAUL, MN 55075  
(651) 451-1205

TOP ARM MODIFICATION, 7000 MAIN GEAR

PART NO. 1004941 Image REV A

FINISH: ALL DIMS IN INCHES PROJECTION: THIRD ANGLE PROJECTION X-Y = 4.005 X-Z = 4.005 X = 4.25 SCALE: 1:1 SHEET 1 OF 1