



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

## SERVICE LETTER 99

### T-SEAL UPGRADES FOR MAIN GEAR RAM AND NOSE ACTUATOR

<b>By:</b> MAB	<b>Aircraft Makes/Model(s):</b> Multiple	<b>Float Model(s):</b> 6100A, 8000A, & 10000A	<b>Note(s):</b> Mandatory Compliance Service Letter P/N 1002939
<b>Approved:</b> SDW			
<b>Date:</b> 2/3/2021			
<b>Rev:</b> C			

### LOG OF REVISIONS

Revision	Description	Date
A	Initial release	4/10/2008
B	Update warranty	2/24/2012
C	Updated formatting, warranty information, and added Aircraft Closing section.	2/3/2021

FAA approval has been obtained for technical data in this publication that affects STC or TSO design compliance.

#### EFFECTIVITY:

This service letter is to notify customers of a product improvement. All 6100, 8000, 10000, 13000 Amphibious Floats are now manufactured with T-Seals in the main gear retraction, nose gear actuators, and main shock strut oleo in place of the older style O-rings.

Serial numbers in which the change begins for the main gear retraction and nose gear actuators:

13000: 13097A-098A

10000: 10061A-62A

9000: 80345A-346A

8000: 80345A-346A (80341A & 342A has T-seals)

6100: 61377A-378A

#### COMPLIANCE:

Compliance is mandatory as the old parts have been replaced in our manufacturing, but the timing of the replacement can be done at the owner's convenience.

#### BACKGROUND:

This change is a product improvement meant to end any of problems some customers had with leaking.

#### COMPLIANCE METHOD:

Included in this service letter is a table of the affected part numbers that have changed. The most current part manuals of the relevant floats will reflect both the new T-seal part numbers and the older version but we advise customers to keep this service letter with logbooks and other paperwork for the aircraft. When this service letter is complied with, please make a note in the logbooks. Doing these two things will aid in future parts ordering for these systems.

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

Phone: 651.451.1205 | Fax: 651.457.7858

www.wipaire.com



**APPROX. SHOP HOURS:**

Varies based on aircraft and floats.

**WARRANTY INFORMATION:**

No longer applicable. Warranty has expired.

Components	KIT 6100/8000 Nose	KIT 10,000/13,000 Nose	KIT 6100 Main	KIT 8000 Main	KIT 10,000/13,000 Main
1002010 Cyl. Main					YES / 1 per Hull 2 set
1002014 Cyl. Nose		YES / 1 per Hull 2 set			
1002022 Cyl. Main			YES / 1 per Hull 2 set		
1002023 Cyl. Main				YES / 1 per Hull 2 set	
1002024 Cyl. Nose	YES / 1 per Hull 2 set				
1002224 Main Ram					YES / 1 per Hull 2 set
1002229 T-Seal	YES / 3 per Hull 6 set	YES / 3 per Hull 6 set	YES / 3 per Hull 6 set	YES / 3 per Hull 6 set	YES / 3 per Hull 6 set
1002232 Ass'y Carriage					YES / 1 per Hull 2 set
1002235 Cyl. Flange Main			YES / 1 per Hull 2 set	YES / 1 per Hull 2 set	YES / 1 per Hull 2 set
1002236 Cyl. End Cap	YES / 1 per Hull 2 set	YES / 1 per Hull 2 set	YES / 1 per Hull 2 set	YES / 1 per Hull 2 set	YES / 1 per Hull 2 set
1002237 Cyl. Flange Nose	YES / 1 per Hull 2 set	YES / 1 per Hull 2 set			YES / 1 per Hull 2 set
1002639 Main Ram			YES / 1 per Hull 2 set		
1002640 Main Ram				YES / 1 per Hull 2 set	
1002643 Ass'y Carriage			YES / 1 per Hull 2 set	YES / 1 per Hull 2 set	

NEW	CROSS REFERENCE	PAGE IN RESPECTIVE	Float Serial Numbers for	
	TO OLD NUMBERS	PART MANUAL	T-Seal change	
	OLD			
1002010 Cyl. Main	13A05116-005		13000	13097A-098A
1002014 Cyl. Nose	13A07116-006		10000	10061A-62A
1002022 Cyl. Main	6A05116-001		9000	80345A-346A
1002023 Cyl. Main	8A05116-003		8000	80345A-346A
1002024 Nose	6A07116-002		6100	61377A-378A
1002224 Main Ram	13A05000-012			
1002229 T-Seal	MS28775-220/-219			
1002232 Ass'y Carriage	13A05000-015			
1002235 Cyl. Flange Main	6A05000-008			
1002236 Cyl. End Cap	6A05000-007			
1002237 Cyl. Flange Nose	6A07000-005			
1002639 Main Ram	6A05000-006			
1002640 Main Ram	8A05000-010			
1002643 Ass'y Carriage	6A05000-009			

**AIRCRAFT CLOSING AND RETURN TO SERVICE**

1. Upon completion of inspection, enter information in Aircraft Logbook for completion of Wipaire Service Letter 99.