



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

SERVICE LETTER 114

Grease Seal Vent Hole Addition For Main Landing Gear Bearings

Aircraft Makes/Model(s):	Float Model(s):	Compliance: Optional	By: MAS
Multiple	3000A, 3450A, 6000A, & 8000A	Part Number: 1005168	Approved: DRH
		Date: 5/24/2023	Revision: B

LOG OF REVISIONS

Revision	Description	Date
A	Initial release	2/21/2011
B	Reformatted service letter, changed Grease Seal 472469 to 472439 in step 4.	5/24/2023

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

EFFECTIVITY:

This service letter is effective for all float models listed above. Floats manufactured after approximately 2006 should already be equipped with this vent hole. An external visual inspection will quickly identify if vent holes are already installed.

COMPLIANCE:

Optional Compliance

BACKGROUND:

A #50 drain hole has been added to the outboard wheel grease seal on the main landing gear for the affected float models. The hole was added so that grease has an escapement when the wheel axle grease fitting is serviced. Without the hole, and with over pressuring of the grease fitting, it is possible to blow out the grease seals. Addition of the hole improves wheel bearing life.

COMPLIANCE METHOD:

Perform work per work instructions in this service letter.

APPROXIMATE SHOP HOURS:

Performing the work instructions will take approximately 1 labor hour to complete.

WARRANTY INFORMATION:

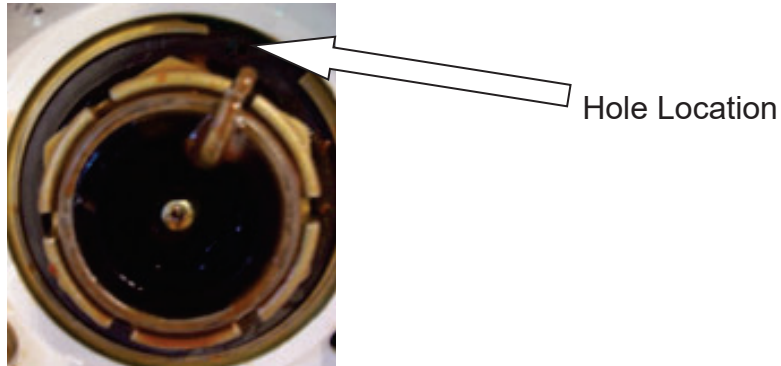
This service letter does not include warranty for labor and parts.

TECHNICAL DATA:

Copies of this service letter, associated service kit (if applicable), float service manual, and float parts manual are available by contacting Wipaire customer service.

Work Instructions

1. Remove wheel nut and cotter pin.
2. Remove wheel.
3. Remove snap ring and grease seal on the side opposite from the brake caliper.
4. Drill #50 hole in grease seal P/N 472439, located in the "O" of "National Oil" as printed on the seal.
5. Reinstall grease seal and snap ring.
6. Reinstall wheel, retaining nut, and cotter pin.



Aircraft Closing & Return to Service

1. Upon completion of inspection, enter information in Aircraft Logbook for completion of Wipaire Service Letter 114.