 <p>SeaRey AMPHIBIOUS AIRCRAFT PA Document COS-002</p>	Progressive Aerodyne 3801 State Road 19 Tavares, Florida 32778 (352) 253-0108 http://www.SeaRey.com safety@SeaRey.com	SERVICE BULLETIN	
		Release Date: 12 / 05 / 2018 Effective Date: 12 / 05 / 2018	Notice #: SB 18002 Version: -- Page 1 of 3
Limitations for completion of any required corrective actions: As soon as practical.		Affected Aircraft: Progressive Aerodyne / SeaRey, Aircraft SN1082-1091 and SeaRey Kits SN10001-10002	


ROTAX ENGINE EXHAUST VALVE REPLACEMENT

Repeating Symbols

Please pay special attentions to the following symbols throughout this document, which are used to emphasize particular information.

- ◆ **Warning:** Used to identify an instruction that, if not followed, may cause serious injury or fatality.
- **Caution:** Used to identify an instruction that, if not followed, may cause severe damage to the aircraft or lead to suspension of warranty.
- **Note:** Used to identify useful information for better handling.

1. **Affected Aircraft:**
 - a. Make: Progressive Aerodyne
 - b. Model: SeaRey
 - c. Serial Number(s): Aircraft SN1082-1091 and SeaRey Kits SN10001-10002.
 - d. Applicable Countries: All
2. **Concurrent Documents:** Rotax ASB-915 i A-003 / ASB-915 i B-003 ASB-914-054 – “Exchange of exhaust valves on Rotax Engine Types 915 I A, 915 I B (Series) and 914 (Series)” – Published on-line at:
<https://www.flyrotax.com/services/technical-documentation.html>
3. **Reason:** Per the ROTAX ALERT SERVICE BULLETIN: “Due to deviations in the manufacturing process of the exhaust valve 32 mm (1.26 in.) with part no. 854113 an exhaust valve cracking / fracture may occur. In consequence this may result in a malfunction of the valve train and a subsequent engine stoppage.”
4. **Subject:** Exchange of exhaust valves on Rotax Engine Types 915 I A, 915 I B (Series) and 914 (Series)
5. **Compliance:** This Service Bulletin applies to SeaRey Aircraft SN1082-1091 and SeaRey Kits SN10001-10002.
 - a. Per ROTAX SERVICE BULLETIN:
 - i. Immediately, on undelivered engines / spare parts
 - ii. Before the initial installation of engine and/or spare part, but at the latest by 31. December 2019, the "Exchange of sodium filled exhaust valves" must be conducted according to the following instructions in section 3

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iii. BEFORE THE NEXT FLIGHT

- iv. Carry out this exchange on the engines listed in section 1.1, according to the instructions in section 3, but at the latest after 1 year (from the date of the initial issue of this Alert Service Bulletin).
- v. Non-compliance with these instructions could result in engine damages, personal injuries or death.
- vi. These maintenance instructions shall be considered at any maintenance events, retrofitting, repair and overhaul.


6. Approval: This Service Bulletin is approved by Progressive Aerodyne in accordance with ASTM F2295. Subsequent to complete and correct conduct of this Service Bulletin the aircraft will still meet the requirements of the applicable ASTM design and performance specification.

7. Type of Maintenance: Service

8. Personnel Qualifications: Exchange, replacement and reassembly must be performed by iRMT rated personnel as a minimum.

9. Instructions:

- a. **All work must comply with the aforementioned Rotax ASB-915 i A-003 / ASB-915 i B-003 ASB-914-054.**

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LETTER OF COMPLIANCE

This is to certify that I have performed the following (check applicable bullet):

- Performed the maintenance action per the Rotax ASB-915 i A-003 / ASB-915 i B-003 ASB-914-054.

in accordance with Progressive Aerodyne Service Bulletin No. SB18002.

SeaRey Serial No.: _____

Registration: _____

Aircraft Total Time: _____

Signature: _____

Printed Name: _____

Title: _____

Date: _____

Return one copy to:

Progressive Aerodyne, Inc.
 Chief Engineer
 Progressive Aerodyne, Inc.
 3801 State Road 19, Tavares, Florida 32778, USA
 Fax # 1 (352) 253-0110