



C&L Aerospace

APU Model: RE100-XL

Aircraft: Cessna 560XL

APU P/N: 3800722-1

LSV Date for Refurbishment: May 22, 2023



TSN: 8,535.1 **TSLR:** 363.1 **CSN:** 14,120 **CSLR:** 555 **LSV Date:** May 22, 2023

RE100-XL (S/N: P-549)

INTRODUCTION

This APU was inducted to Honeywell for LLP replacement, where it was inspected, repaired, and released on May 22, 2023.

INSPECTIONS (HRS)

DESCRIPTION	INTERVAL	C/W APU TSN	TSR	NEXT DUE	HOURS REMAINING
Chip Detector	450 HR (12 MO)	8,535.1	0	February 2026	450
Ignitor Plug	900 HR (24 MO)	8,535.1	0	February 2027	900
Lubricating Oil System	900 HR (24 MO)	8,535.1	0	February 2027	900
Oil Filter Element	900 HR (24 MO)	8,535.1	0	February 2027	900
Fuel Filter Element	900 HR (24 MO)	8,535.1	0	February 2027	900

INSPECTIONS (CYC)

DESCRIPTION	INTERVAL	C/W APU CSN	CSR	NEXT DUE	REMAINING
Combustor Chamber	4,000	13,565	555	17,565	3,445
Interstage Seal	4,000	13,565	555	17,565	3,445
Retainer	4,000	13,565	555	17,565	3,445
Shim	4,000	13,565	555	17,565	3,445
Fuel Nozzle Assy	4,000	13,565	555	17,565	3,445
Deswirl Deflector	4,000	13,565	555	17,565	3,445
Turbine Housing Assy.	4,000	13,565	555	17,565	3,445
Turbine Nozzle	4,000	13,565	555	17,565	3,445
Turbine Rotor Replacement	4,000	13,565	555	17,565	3,445
Compressor Rotor	NEXT EXPOSURE				
Compressor Rotor Replacement	12,000	13,565	555	25,565	11,445

NDC / LIFE LIMITED PARTS

ITEM	P/N	TSN	CSN	LIFE LIMIT	CYCLES REMAINING
Turbine Rotor	3842340-2	363.1	555	4,000	3,445
Compressor Impeller	3822523-003	363.1	555	12,000	11,445
Fuel Control	3883900-1		INSPECTED		
Ignition Unit	3888000-7		INSPECTED		
Oil Level Sensor	3876318-3		INSPECTED		
Lube Pump	3881825-1		INSPECTED		
Start Counter	3876317-1		INSPECTED		
Lop Switch	3876351-1		INSPECTED		



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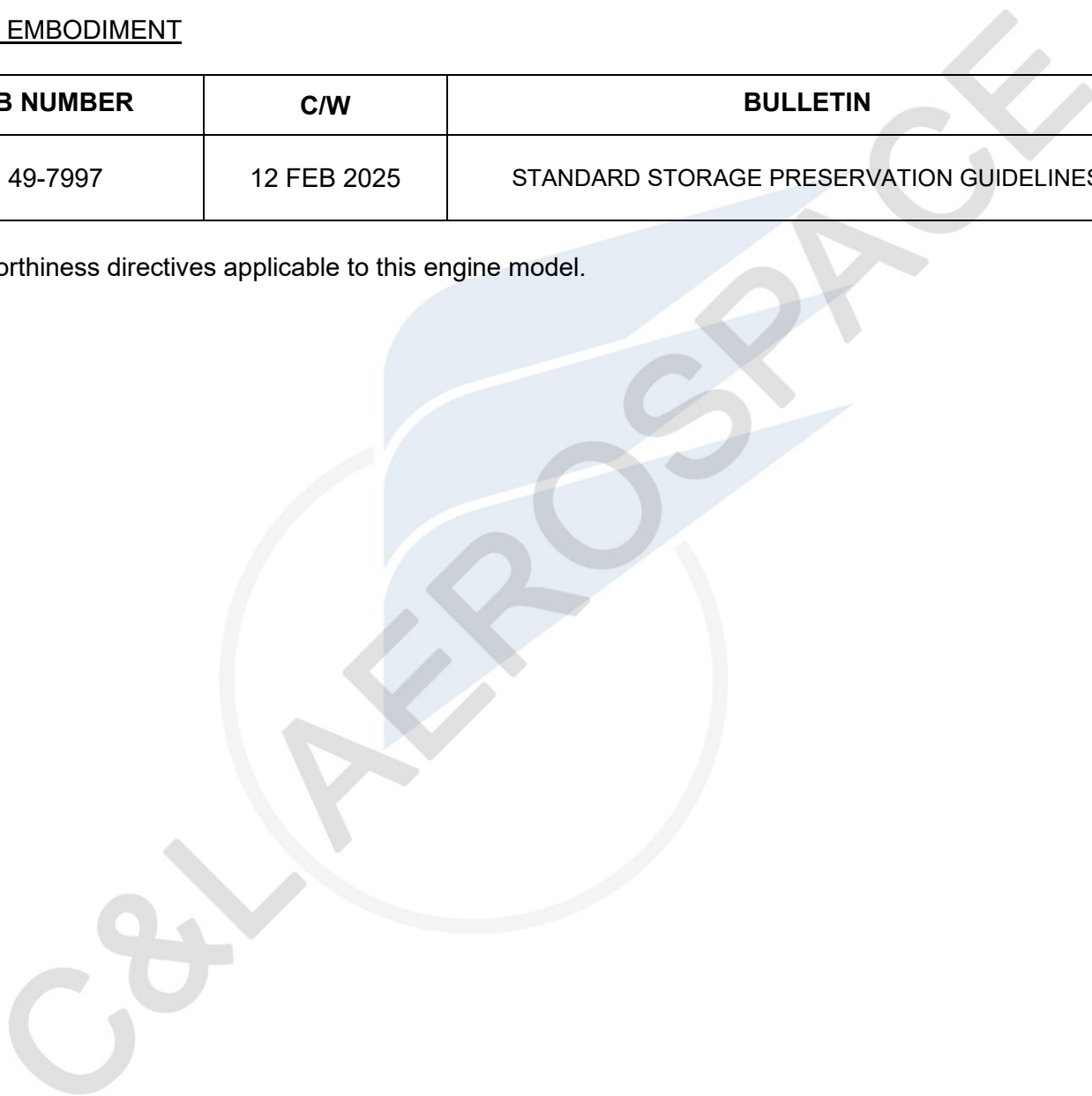
TSN: 8,535.1 TSLR: 363.1 CSN: 14,120 CSLR: 555 LSV Date: May 22, 2023

RE100-XL (S/N: P-549)

SB / AD EMBODIMENT

SB NUMBER	C/W	BULLETIN
49-7997	12 FEB 2025	STANDARD STORAGE PRESERVATION GUIDELINES

No airworthiness directives applicable to this engine model.





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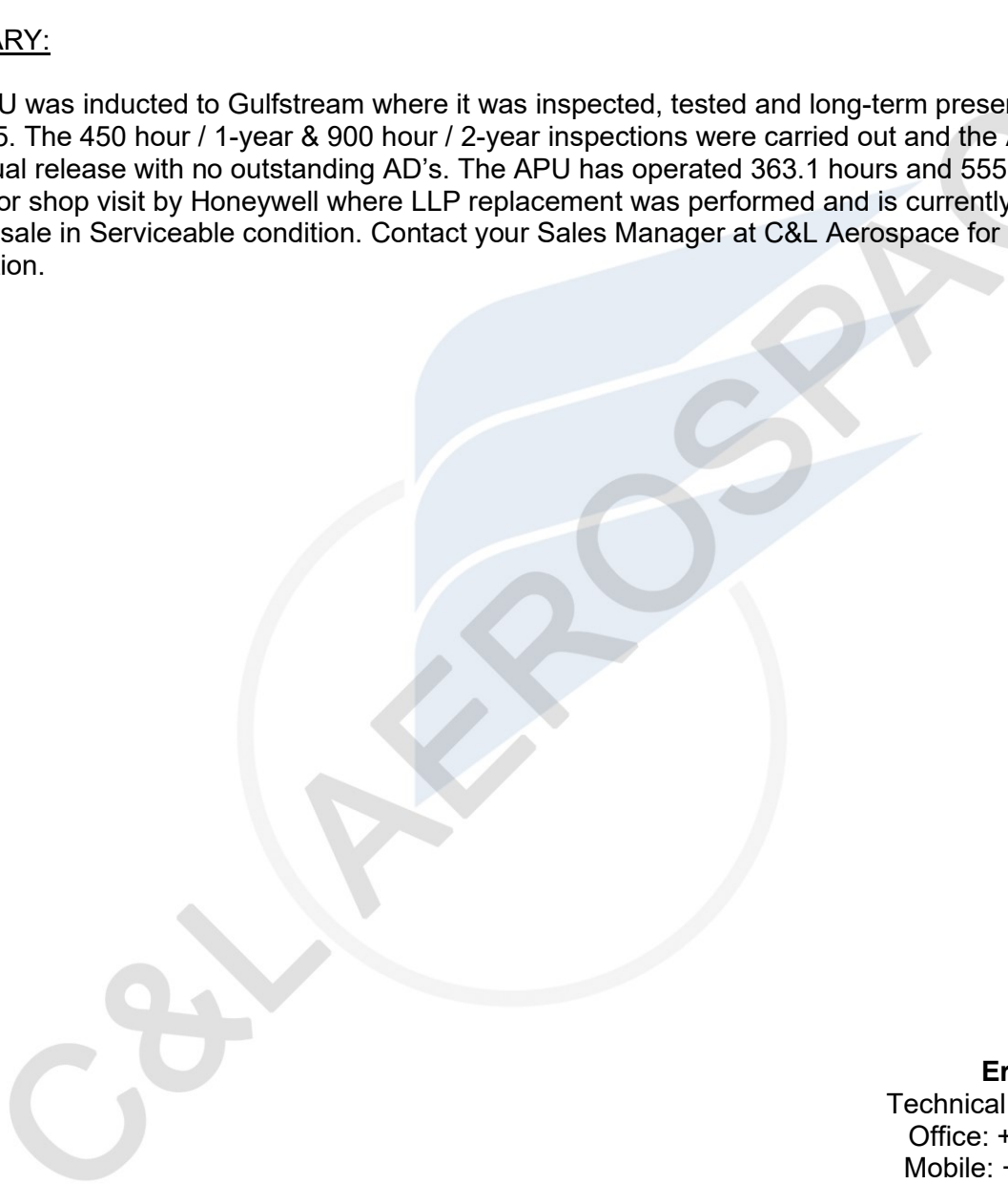


TSN: 8,535.1 **TSLR:** 363.1 **CSN:** 14,120 **CSLR:** 555 **LSV Date:** May 22, 2023

RE100-XL (S/N: P-549)

SUMMARY:

This APU was inducted to Gulfstream where it was inspected, tested and long-term preserved on February 12, 2025. The 450 hour / 1-year & 900 hour / 2-year inspections were carried out and the APU was issued an 8130 Dual release with no outstanding AD's. The APU has operated 363.1 hours and 555 cycles since the last major shop visit by Honeywell where LLP replacement was performed and is currently available for outright sale in Serviceable condition. Contact your Sales Manager at C&L Aerospace for additional information.



* Note

The information contained in this document has been provided by C&L Aerospace, LLC and is accurate to the best of their knowledge. C&L Aerospace, LLC is not liable for any errors which may be contained in this document. Parties interested in the products shown in this document are responsible for verifying the accuracy of all subject matter.

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Gulfstream™

APU INSPECTION / MAINTENANCE RECORD

GR4R216M / Savannah, GA

Page 1 of 1

WORK ORDER NO.: RC835550

DATE OF COMPLETION: 02/12/2025

APU MODEL: RE100XL

APU SERIAL NO.: P-549

APU TOTAL TIME: 8535.1

APU TOTAL CYCLES: 14120

Complied with APU rental recert, performance run, 450hr/1-year, 900hr/2-year Inspection per Honeywell RE100XL MM 49-25-85 Rev. 6 dated 6/21/2021, RE100XL CMM 49-25-87 Rev. 7 Dated 9/9/2024

Reference the following Information:

- 450hr/1-year inspection next due at TSN: 8985.1 or 2/12/2026.
- 900hr/2-year inspection next due at TSN: 9435.1 or 2/12/2027.
- Life remaining on Compressor Rotor S/N: 21-162053-55706 is 11,445 cycles, due at APU CSN: 25,565.
- Life remaining on Turbine Rotor S/N: 22-156101-07150 is 3,445 cycles, due at APU CSN: 17,565.


The following items were replaced with new:

- Oil Filter Element P/N: 3609088-1
- Fuel Filter P/N: 3882440-1

APU preserved for long term storage in accordance with Honeywell SB 49-7997. Owner/Operator is required to remove desiccant packs from inlet (1 pack) and exhaust (1pack), drain fuel system of preservative, and service oil system with approved engine oil prior to use.

I certify that this APU has been repaired / inspected under the Honeywell Inspection/Repair Manual and Component Maintenance Manual with regards to the maintenance accomplished. Further details of this repair and related maintenance are on file at this repair station under the above work order. A copy of the work order has been provided to the operator.

AUTHORIZED SIGNATURE:


Vinh T. Pham / eh
GR4R216M



1. Approving Civil Aviation Authority / Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 20250212131948
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4. Organization Name and Address: FAA CRS GR4R216M Gulfstream Services Corporation One Product Support Road Savannah, GA 31407	5. Work Order / Contract / Invoice Number: RC835550
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1.	APU RE100XL	3800722-1	1	P-549	INSPECTED

12. Remarks:

Complied with APU rental recert, performance run, 450hr/1-year, 900hr/2-year inspection per Honeywell RE100XL MM 49-25-85 Rev. 6 dated 6/21/2021, RE100XL CMM 49-25-87 Rev. 7 Dated 9/9/2024

APU preserved for long term storage in accordance with Honeywell SB 49-7997. Owner/Operator is required to remove desiccant packs from inlet (1 pack) and exhaust (1pack), drain fuel system of preservative, and service oil system with approved engine oil prior to use.

THIS IS THE CERTIFICATION STATEMENT FOR THE PRODUCTS / ARTICLES LISTED ON THE ATTACHED WORK ORDER RC835550 DATED 12 FEB 2025.

Certifies that the work specified in Block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the component is considered ready for release to service under EASA Part 145 approval no. EASA 145-4501.

TSN **8535.1** TSO **N/A** CSN **14120** CSO **N/A**

13a. Certifies the items identified above were manufactured in conformity to: Approved design data and are in a condition for safe operation. Non-approved design data specified in Block 12	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature: 	13c. Approval/ Authorization No.:	14b. Authorized Signature: 	14c. Approval/ Certificate No.: FAA CRS GR4R216M
13d. Name (Typed or Printed):	13e. Date(dd/mm/yy):	14d. Name (Typed or Printed): VINH PHAM	14e. Date(dd/mm/yy): 12 Feb 2025

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine / propeller / article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s) / propeller(s) / article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

500 Gulfstream Rd. - Savannah, Georgia 31407

Work Order: **RC835550** Title: **C & L Aerospace Holdings LLC** Department: **CR Cust Prop Rpr**

Customer: **C & L Aerospace Holdings LLC**
Address: **BILLING ADDRESS**
40 Wyoming Avenue

Contact Name: **ADAM AVERY**
Account Code: **BC589**
Target Date: **2/28/2025**
Invoice #:
Date Closed:

Status: **Open**
P.O. #: **R660925**
Created: **1/10/2025**
Posted:

Item: **1** RE100XLAPU (SEE COMMENTS) Part #: **3800722-1** Serial #: **P-549**

Squawk: **1.1** Discrepancy: **560-5522 N609QS**

Status: **Completed** Resolution: **CHIP DETECTOR INSPECTION
INSPECTED APU ASSEMBLY**

P/N: **3800722-1**
S/N: **P-549**
TSN: **8535.1**
CSN: **14120**

450hr/1-year inspection next due at TSN: **8985.1** or **2/12/2026**.
900hr/2-year inspection next due at TSN: **9435.1** or **2/12/2027**.
Life remaining on Compressor Rotor S/N: **21-162053-55706** is **11,445** cycles, due at APU CSN: **25,565**.
Life remaining on Turbine Rotor S/N: **22-156101-07150** is **3,445** cycles, due at APU CSN: **17,565**.

Complied with APU rental recert, performance run, 450hr/1-year, 900hr/2-year Inspection per Honeywell RE100XL MM 49-25-85 Rev. 6 dated 6/21/2021, RE100XL CMM 49-25-87 Rev. 7 Dated 9/9/2024

APU preserved for long term storage in accordance with Honeywell SB 49-7997. Owner/Operator is required to remove desiccant packs from inlet (1 pack) and exhaust (1pack), drain fuel system of preservative, and service oil system with approved engine oil prior to use.

The following items were replaced with NEW:
Oil Filter Element P/N: **3609088-1**
Fuel Filter P/N: **3882440-1**

Signed Off: **2/12/2025 12:54:19PM** By: **WAUCHOPE, AARON JAY-345271**
Inspected: **2/12/2025 1:03:39PM** By: **PHAM, VINH THIEN-333364**
Completed: **2/12/2025 1:03:39PM** By: **PHAM, VINH THIEN-333364**

Step: **1.1.1** Description: **Complied with Incoming Inspection as to include: Logbook review, Service Bulletin status, and Life Limited components time until replacement.**

Status: **Completed** Comments/notes:
Signed Off: **2/12/2025 10:05:44AM** By: **WAUCHOPE, AARON JAY-345271**
Inspected: **2/12/2025 12:17:14PM** By: **PHAM, VINH THIEN-333364**
Completed: **2/12/2025 12:17:14PM** By: **PHAM, VINH THIEN-333364**

Step: **1.1.2** Description: **MSP: Not MSP**

Status: **Completed** Comments/notes:
Signed Off: **2/12/2025 10:07:29AM** By: **WAUCHOPE, AARON JAY-345271**
Inspected: **2/12/2025 12:17:07PM** By: **PHAM, VINH THIEN-333364**

500 Gulfstream Rd. - Savannah, Georgia 31407

Work Order: **RC835550**

Title: **C & L Aerospace Holdings LLC**

Department: **CR Cust Prop Rpr**

Completed: 2/12/2025 12:17:07PM By: **PHAM, VINH THIEN-333364**

Step: **1.1.3**

Description: **Calibrated Tools used.
Test Cell: 559480 Cal Due 01/2026
Torque Wrench: 566940 Cal Due 12/2025
Torque Wrench: 566941 Cal Due 12/2025**

Status: **Completed**

Comments/notes:

Signed Off: 2/12/2025 10:08:12AM By: **WAUCHOPE, AARON JAY-345271**

Inspected: 2/12/2025 12:51:37PM By: **PHAM, VINH THIEN-333364**

Completed: 2/12/2025 12:51:37PM By: **PHAM, VINH THIEN-333364**

Step: **1.1.4**

Description: **Checked current revision status for all manuals used during Repair of APU.**

Status: **Completed**

Comments/notes:

Signed Off: 2/12/2025 10:08:22AM By: **WAUCHOPE, AARON JAY-345271**

Completed: 2/12/2025 10:08:22AM By: **WAUCHOPE, AARON JAY-345271**

Step: **1.1.5**

Description: **Complied with APU 450hr/1-year, 900hr/2-year Inspection per Honeywell RE100XL MM 49-25-85 Rev. 6 dated 6/21/2021.**

Status: **Completed**

Comments/notes:

Signed Off: 2/12/2025 12:52:06PM By: **WAUCHOPE, AARON JAY-345271**

Inspected: 2/12/2025 12:53:33PM By: **PHAM, VINH THIEN-333364**

Completed: 2/12/2025 12:53:33PM By: **PHAM, VINH THIEN-333364**

Squawk: **1.2**

Discrepancy: **Comply with performance runs**

Status: **Completed**

Resolution: **Complied with performance runs per 100(XL) CMM 49-25-87 Rev. 7 dated 09 Sep 2024.**

Signed Off: 2/12/2025 10:10:03AM By: **WAUCHOPE, AARON JAY-345271**

Inspected: 2/12/2025 12:51:46PM By: **PHAM, VINH THIEN-333364**

Completed: 2/12/2025 12:51:46PM By: **PHAM, VINH THIEN-333364**

500 Gulfstream Rd. - Savannah, Georgia 31407

Work Order: **RC835550**

Title: **C & L Aerospace Holdings LLC**

Department: **CR Cust Prop Rpr**

* End of Report *