



C&L Aerospace

APU Model: RE100-CS

Aircraft: Cessna 680

APU P/N: 3800785-1

LSV Date for Refurbishment: February 10, 2022

Note: Information as of March 1, 2023



***TSN:** 9362.7 ***TSLR:** 920.2 **CSN:** 12716 **CSLR:** 959 **LSV Date:** 02/10/2022

RE100-CS (S/N: P-358)

INTRODUCTION:

This APU was inducted to Honeywell PHX in February 2022, where it was upgraded IAW CMM 49-24-65, as well as SB 49-7997 and SB 49-8303. Turbine rotor was newly replaced at this shop visit and the APU was repaired and released with no outstanding AD's.

INSPECTIONS (HOURLY):

*Indicative of April 2023 Test & Long Term Preservation

DESCRIPTION	INTERVAL	C/W APU TSN	TSR	NEXT DUE	HOURS REMAINING
Chip Detector	450 (12 MO)	9362.7	504.7	9812.7 (*04/2024)	0
Ignitor Plug	900 (24 MO)	9362.7	920.2	10262.7 (*04/2025)	0
Lubricating Oil System	900 (24 MO)	9362.7	920.2	10262.7 (*04/2025)	0
Oil Filter Element	900 (24 MO)	9362.7	920.2	10262.7 (*04/2025)	0
Fuel Filter Element	900 (24 MO)	9362.7	920.2	10262.7 (*04/2025)	0

INSPECTIONS (CYCLICAL):

DESCRIPTION	INTERVAL	C/W APU CSN	CSR	NEXT DUE	HOURS REMAINING
Combustor Chamber	12000	11757	959	23757	11041
Interstage Seal	12000	11757	959	23757	11041
Retainer	12000	11757	959	23757	11041
Shim	12000	11757	959	23757	11041
Fuel Nozzle Assy.	12000	11757	959	23757	11041
Deswirl Deflector	12000	11757	959	23757	11041
Turbine Housing Assy.	12000	11757	959	23757	11041
Turbine Nozzle	12000	11757	959	23757	11041
Turbine Rotor Replacement	12000	11757	959	23757	11041
Compressor Rotor	NEXT EXPOSURE	--	--	AT ACCESS	--
Compressor Rotor Replacement	36000	11757	959	23757	11041

NDC / LIFE LIMITED PARTS:

ITEM	P/N	TSN	CSN	LIFE LIMIT	CYCLES REMAINING
Turbine Rotor	70722360-1	920.2	959	12000	11041
Compressor Rotor	3822523-003	3205.4	3628	36000	32372
Fuel Control	3883900-1	--	--	--	--
Ignition Unit	3888000-7	--	--	--	--
Lube Pump	3881825-1	--	--	--	--
Start Counter	3876317-1	--	--	--	--



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SB / *AD EMBODIMENT:

SB NUMBER	C/W	BULLETIN
SB 49-7992	06/02/2012	Remove and replace electronic control unit (P/N: 2119552-2 or P/N: 2119552-3) with electronic control unit (P/N: 2119552-4)
SB 49-7997	07/26/2018 02/10/2022	Standard storage and preservation guidelines
SB 49-8303	02/08/2022	Rework and repair of engine for incorporation of improved compressor or carbon seal and related components on the RE100 APU
SB 49-7976	07/25/2018	Install fuel flow deflector, P/N: 70720001-1 on the fuel control differential pressure (delta P) sleeve
SB 49-8139	07/25/2018	Increase the installation torque and add the use of locking compound during carbon seal assembly on the RE100 APU

* No airworthiness directives applicable to this engine model.

SUMMARY:

This APU was inducted to Honeywell PHX in February 2022, where it was upgraded IAW CMM 49-24-65, as well as SB 49-7997 and SB 49-8303. Turbine rotor was newly replaced at this shop visit and the APU was repaired and released with no outstanding AD's. The APU has operated 920.2 hours since the last shop visit and is currently in the process of receiving a fresh test cell run, long term preservation and 8130 Dual Release. Contact your Sales Manager at C&L Aerospace for additional information.

***Note:**

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