

C&L Aerospace



APU Model: GTCP36-150CL

Aircraft: Bombardier CL-604

APU P/N: 3800804-1

LSV Date for Refurbishment: April 3, 2017

TSN: 8981 **TSLR:** 0 **CSN:** UNK **CSLR:** 0 **LSV Date:** April 3, 2017

GTCP36-150CL APU P-510C

SUMMARY:

This APU was inducted to H+S Aviation for repair in January, 2017 for failed SOAP sample. The APU was repaired, long term preserved and released on April 3, 2017 with a fresh EASA Dual Release. There are no outstanding Airworthiness Directives or Alert Service Bulletins at this time. This APU has only 2612 hours since being upgraded IAW SB 49-7885 where it was converted from 100E to 150CL configuration at Honeywell PHX.

INSPECTIONS:

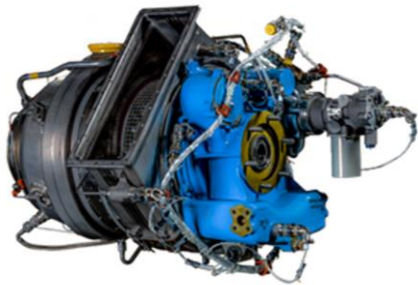
DESCRIPTION	INTERVAL	C/W APU TSN	TSR	NEXT DUE	HOURS REMAINING
Clean LCV Filter	500 HR	8981	0	9481	500
Insp Fuel Compnts	750 HR	8981	0	9731	750
Magnetic Drain Plug	750 HR	8981	0	9731	750
Insp Delta Indicator	750 HR	8981	0	9731	750
Lubricating Oil Syst	1000 HR	8981	0	9981	1000
Oil Filter Element	1000 HR	8981	0	9981	1000
Fuel Filter	1000 HR	8981	0	9981	1000
Igniter Plug	2000 HR	8981	0	10981	2000
Insp Inlet Screens	2250 HR	8981	0	11231	2250
Rest Starter Motor	2500 HR	8981	0	11481	2500
Insp Inlet Ducts	3000 HR	8981	0	11981	3000

LIFE LIMITED PARTS:

ITEM	P/N	TSN	CSN	LIFE LIMIT	HOURS REMAINING
Turbine Rotor	3842368-1	2612	UNK	10000	7388
Compressor Rotor	70721597-1	0	UNK	20000	20000

LRU ACCESSORIES:

ITEM	P/N	TSR
Starter Motor	2704458-1	0
Fuel Control Unit	3883964-3	-
Fuel Solenoid Valve	692545-18	-
Fuel Nozzles 1-6	3610004-5/-6	0
Ignition Unit	3876280-4	-
Surge Valve	3884538-6	-
Load Control Valve	3885091-4	0
T2 Sensor	MS28034-1	-
Inlet Pressure Sensor	3876225-1	0
LOP Switch	3876001-8	-
HOT Switch	3888030-6	-
Harness	3888524-3	-



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SB EMBODIMENT:

SB NUMBER	DESCRIPTION
49-7885	Conversion of Engine 36-100E P/N 3800050-1/-2/-4/-5 to 36-150CL P/N 3800804-1 Engine Configuration
49-7886	Replace Turbine Nozzle P/N 3613101-B with Turbine Nozzle P/N 3846779-1
49-7924	Install Washers P/N NAS1149C0363R behind the Ignition Unit Bracket to increase Ignition Unit Mount Bolt clearance
49-7933	Oil – General – Approved Oils
49-7970	Replace Combustion Chamber
49-7977	Install Fuel Flow Deflector P/N 70720001-1 on the FCU Differential Pressure Sleeve
49-7997	Standard storage and preservation guidelines
49-8021	Replace the Seal P/N 3606514-3 with P/N 3617897-1
49-8146	Balance repair of Compressor Rotor
49-8147	Balance repair of Turbine Rotor
49-8166	Balance repair of Compressor Rotor P/N 70721597-1
49-8176	Group balance and assembly of the Power Section for 36-150[CL] APU P/N 3800804-1 and -2
49-8178	Rework and repair of Engine 36-150[CL] P/N 3800804-1 for incorporation of improved Compressor Carbon Seal and related components
49-8188	Rework Fluid Pressure Regulation Valve P/N 3880021-16 to P/N 70721587-2 on multiple APUs
49-8200	Rework the Generator Adapter P/N 3862090-4 to 70722298-2 for use on the GTCP36-150[CL] APU
49-8210	Inspect / Replace Fuel S.O.V.

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***Note:**

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