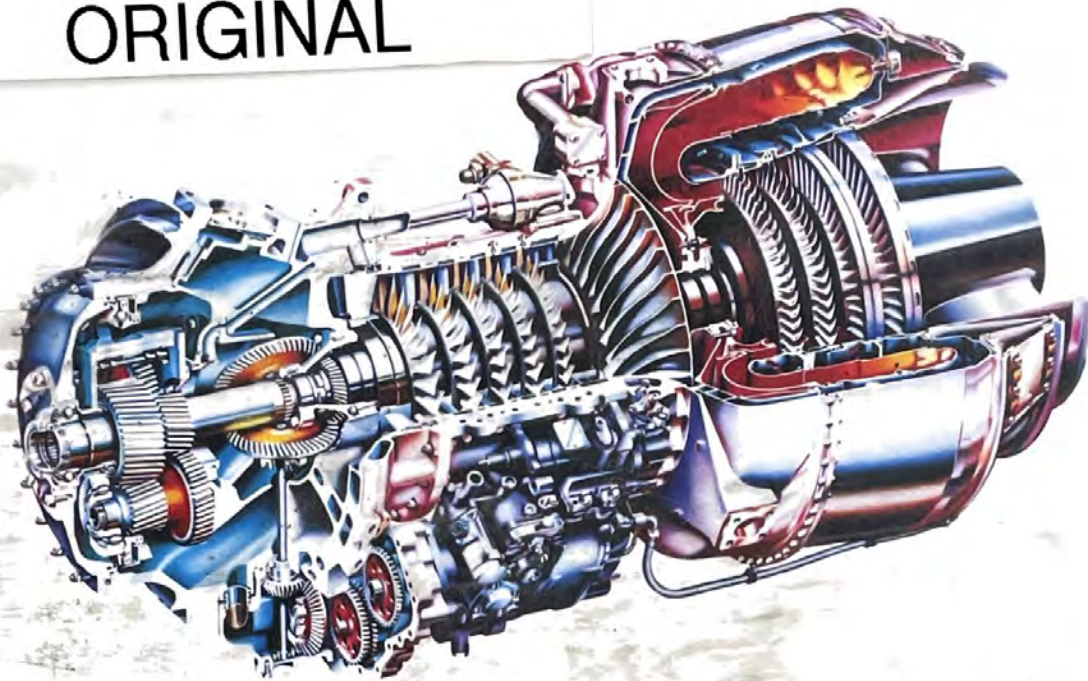


ORIGINAL



T53 SERIES

ENGINE LOG BOOK

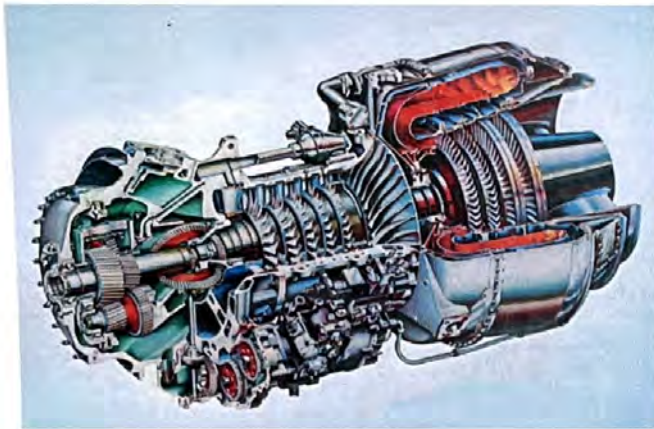
Honeywell

CAPPSCO INTERNATIONAL CORP.
A MIDWEST AEROSPACE COMPANY

1775 W SAHUARO DR • TUCSON, ARIZONA 85745 • PH: (520) 903-0822 FAX: (520) 903-0823

S/N: LE-07527X

[illegible]



PRIME TURBINES

Honeywell

Authorized Service Center

3130 N Oakland, Ste 104
Mesa, Arizona 85215
480-428-6341

Honeywell

T53 SERIES ENGINES

ENGINE LOG BOOK

Engine Model T5317A-1

Engine PN 1-000-060-29

Engine SN LE-07527X

S/N: LE-07527X

ENGINE HISTORY RECORD

[illegible]

S/N LE-07527X

Engine History Record

OWNER	AREA OF OPERATION (LOCATION)	ENGINE APPLICATION	DATE		ENGINE TOTAL TIME	DISPOSITION OR REASON FOR REMOVAL
			FROM	TO		
SGA	USA	K1200-A94-0016	01-20-14		16730.5	Installed N161KA
				08-09-14	17075.3	Removed. Abnormal / Sound at Accessory. Gear box location and Accessory oil venting
SGA	USA	K1200-A94-0024	9-23-14		17075.3	Installed N312KA N11.24451.1
						LCF1.33071, LCF2.7481, LCF3.6643
						AP324654
SGA	USA	K1200-A94-0024		2-26-15	17501.4	Removed Due Hot end and LH cracked
						Diffuser Mount N312 ACT 24883.6
						LCF1 85145, LCF2 7175, LCF3 6909
						AP3513806
SGA	USA	K1200-A94-0016	5/6/16	6/22/16	17501.4	Installed N161KA
				6/22/16	17836.1	Removed for Low Power & broken thermocouple stud
SGA	USA	K1200-A94-0016	2-1-2017		17836.1	Installed N161KA.
SGA	USA	K-1200, A94-0016		11/9/17	18,356.9	Removed Due Loss of power
						output seal leaking, #1 bearing seal leaking, START/Gen spline replacement of. AP35085116
SGA	USA	K-1200 A94-0016	6-30-19		18,356.9	Installed N161KA
SGA	USA	K-1200-A94-0016		1-10-2020	18,529.2	Removed for #1 bearing seal leaking
SGA	USA	K1200 A94-0024	11/28/20		18529.2	Installed N312KA
CBH	LOG oregon	K1200 A94-0024	11/28/20	10/30/24	19352.4	Removed from 312KA
						LCF1:10136.9 LCF2:9174
						LCF3:8048

S/N LE-D7527X **Engine History Record**

S/N LE-D7527X **Engine History Record**

[illegible]

S/N LE-07527X **ENGINE MAINTENANCE RECORD**

[illegible]

S/N LE-07527X

Engine History Record

OWNER	AREA OF OPERATION (LOCATION)	ENGINE APPLICATION	DATE		ENGINE TOTAL TIME	DISPOSITION OR REASON FOR REMOVAL
			FROM	TO		
SUPERIOR	USA.	K-1200 S/N A94-0037	21 Jan 05		11,321.7	LCF 1,51,545.2, 3849.3 2741
				23 MAR 05	11,679.0	LCF 1,53280 2-3948, 3-2864
Superior	USA	K1200 S.N A94-0038	13 June 05		11679.0	1-53280 2-3948 3-2864
SUPERIOR	USA IDAHO	K-1200 A94-0038		8-16-05	11,942.8	1-54365 2-4208 3-3010
SUPERIOR	CAPPSCO INTL. CORP.	K-1200 K-MAX	AUG. 05	8-30-05	11,942.8	BLEND REPAIRED MINOR COMPRESSOR
HELICOPTER, LLC	TUCSON, AZ. 85719			TSD:	263.8	FOD + FUNCTIONALLY TESTED 1/1/06
						HONEYWELL 330.2 RICHARD L. ANDERSON
Superior	U.S.A	K-1200 A94-0016	10/28/05		11,942.8 TSD: 263.8	
"	"	A94-0016		6-8-06	12,424.9 TSD: 1245.9	LCF HST + PROG FOD INSP ETC
SUPERIOR	CAPPSCO INTL. CORP.	1250 HR. HST, REPAIR	6-09-06	6-23-06	TSD: 12,924.9	C/W 1250 HR. HST, REPAIRED AND
HELICOPTER, LLC	TUCSON, AZ. 85719				TSD: 1,245.9	TESTED 1/1/06 HONEYWELL 330.2 AND
						330.3 REV. 3. RICHARD L. ANDERSON
Superior	U.S.A	K1200	7/18/06	10/12/06	TSD 1,755.7	LCF 1-64393 LCF2-4888 LCF3-3529
SUPERIOR	CAPPSCO INTL. CORP.	S.B.0020REV7	10/23/06	11/01/06	TSD: 13,434.7	C/W 1250 HR. HST, INSTALLED NEW HIGP
HELICOPTER, LLC	TUCSON, AZ. 85719				TSD: 1,755.7	SEALING DISC, NEW #26.R. DISC AND
					-11-	TESTED 1/1/06 HONEYWELL 330.2 + 330.3R2
						RICHARD L. ANDERSON
Superior Heli	USA	K-1200 KMAX	31 JAN 07		TSD: 14,156.7	REMOVED FOR MAJOR INSPECTION
		A94-0024		7-1-07	TSD: 2477.7	LCF #1 69,701 (2) 5230, (3) 3775
Swanson Group Aviation	USA	K-1200 A94-0024	3-5-07		TSD 14,156.7	Installed on A94-0024 17588.7
SWANSON GROUP AVIATION	NZ	A94-0024		9-14-08	TSD 14570.9	LCF1-69,701 LCF2-5230 LCF3-3775 A94-0024 REMOVED FOR CHECKED / SIGNATURES AND DATE: LCF(1) 702538 (2) 5433 (3) 3133
						A94-0024
SGA	USA	K1200 A94-0024	8/7/10		14570.9	Installed on A94-0024 17412 1412000/17588.7
SGA	USA Hood River	K-1200 A94-0024	14/10/12		16,066	Installed on A94-0024 17412 1412000/17588.7
				8-19-12	16362.6	Removed engine for A94-0024
				SEE NEXT PAGE		

MAINTENANCE AND OVERHAUL RECORD						
DATE	(ACTIVITY) WORK DONE	W/O #	TSN	TSO	REMARKS	SIGNATURE
05/30/2017	Overhauled	1146	UNK	0.0	Overhauled IAW the Honeywell 330.3 Rev.4 OHM Section 73-10-02	
06/21/2017	Installed	1146	UNK	0.0	Installed on Engine S/N LE-07535C (Engine TSN: 10558.4)	
08/27/2020	Removed	—	UNK.	585	Removed from engine LE-07535C	
09/10/2020	Overhauled	F1444	UNK	0.0	Overhauled IAW the Honeywell 330.3 OHM Rev.5, 73-10-02	
12/3/2021	Tested	1332	UNK	364.7	Cleaned & Flow Tested	
2/20/2025	Overhauled	R3477C	UNK	0.0	Overhauled per Honeywell 330.3	

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Ozark Veroworks
AN EAGLE COPTERS PARTNER

P/N: 1-130-730-02

MAINTENANCE AND OVERHAUL RECORD						
DATE	(ACTIVITY) WORK DONE	W/O #	TSN	TSO	REMARKS	SIGNATURE OAW INSP
05/30/2017	Overhauled	1146	UNK	0.0	Overhauled IAW the Honeywell 330.3 Rev.4 OHM Section 73-10-02	<i>[Signature]</i> OAW INSP 104
06/21/2017	Installed	1146	UNK	0.0	Installed on Engine S/N LE-07535C (Engine TSN: 10558.4)	<i>[Signature]</i> OAW INSP 104
08/27/2020	Removed	—	UNK.	585	Removed from engine, LE-07535C	<i>[Signature]</i> OAW INSP 114
09/10/2020	Overhauled	F1444	UNK.	0.0	Overhauled IAW the Honeywell 330.3 Rev.5 OHM, 73-10-02	<i>[Signature]</i> OAW INSP 114
12/3/2021	Tested	1332	UNK	364.7	Cleaned & Flow Tested	<i>[Signature]</i> OAW INSP 114
2/25/2024	Overhauled	R3477C	UNK	0.0	Overhauled per Honeywell 330.3	<i>[Signature]</i> OAW INSP 114

[illegible]

OZARK AEROWORKS

AN EAGLE PARTNER

Engine P/N: 1-000-060-29

Model#: T5317A-1

S/N: LE-07527X

Engine Time Since New (TSN): 18529.20

Engine Time Since O/H (TSO): 2166.60

LCF 1 (GP): 88383.0 LCF 2 (Comp.): 8492.00 LCF 3 (PT): 7465.00

Disassembled engine as needed, to repair for leaking No.1 main seal. Cleaned and inspected all parts and components removed from the engine during disassembly for serviceability. Installed a new Nut and Seal Assembly P/N 1-300-077-02 (S/N 18-152826-71578). Installed a new No.1 bearing Face Plate P/N 1-300-588-02. Installed a new No.1 Bearing Face Seal P/N 1-300-585-03 (S/N 18-152826-35404). Complied with SB T53-0147, SB T53-0188, and AD 2002-03-01. Repaired all discrepancies, reassembled engine, and tested. All work was performed in accordance with the Honeywell Maintenance Manual 330.2 Rev.6 Dated 30 Nov. 2007, TR No. 162 and the Honeywell Overhaul Manual 330.3 Rev. 4 Dated 30 Nov. 2007, TR No. 240 as applicable

Engine is preserved. Engine is approved for return to service for work performed in accordance with Title 14, Code of Federal Regulations, and Part 43. Pertinent details are on file under Ozark Aeroworks Work Order # E1339.



19th February 2020

James Rhea / Date

Chief Inspector / Ozark Aeroworks CRS#XGIR979K

OZARK AEROWORKS

AN EAGLE PARTNER

Work Order: E1339

Customer: Swanson Group Aviation

Work Scope: Repair

Engine Mod: T5317A-1

Engine S/N: LE-07527X

TSN: 18,529.2

TSO: 2166.6

The Rated Performance of this engine after **REPAIR** at Standard Day, Sea Level Conditions:

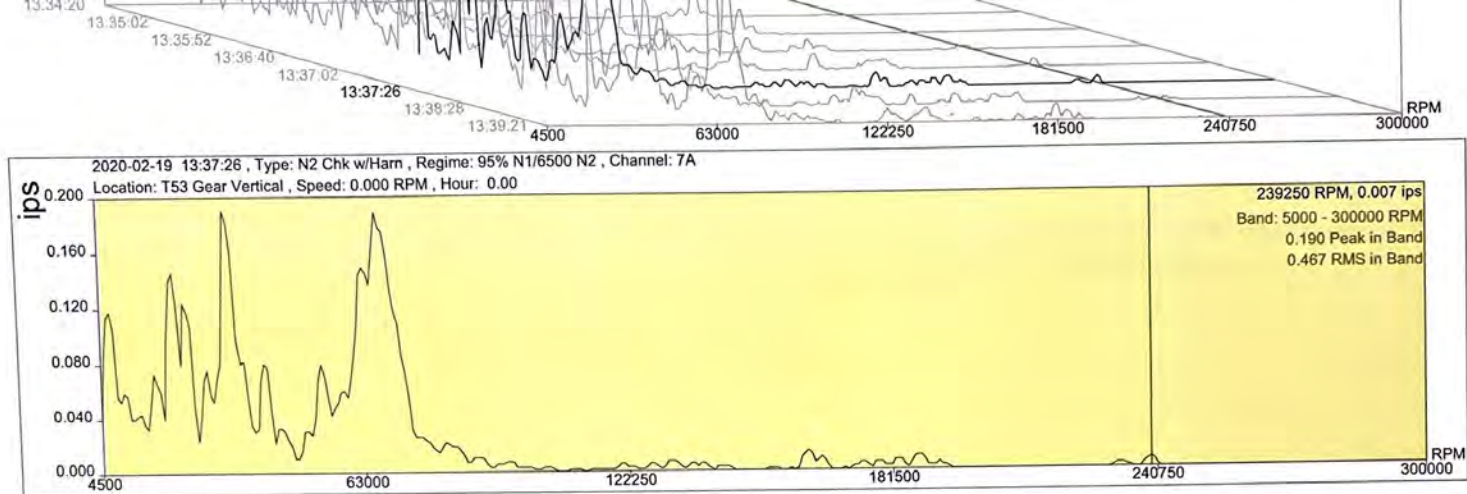
	Rated Performance	Specification Limits
TO/MRP Shaft Horsepower:	@ 1500	
N1%:	100.1	101.0
EGT °F:	1101	1130
EGT °C:	593.8	610
Wf (lb/hr):	850.1	891
SFC (lb/hr/SHP)	0.564	0.594
Torquemeter PSI @ 875 ft/lbs:	48.2	44.5-50
Torquemeter PSI @ 1125 ft/lbs:	61.8	58.5-63.5

This engine has satisfactorily demonstrated compliance with the performance requirements of the Honeywell
Overhaul Manual 330.3 on 02/19/20 and has been accepted.


Operator


Inspector





Type	Regime/Annot.	Channel/Location	Freq range, Bins, Unit, Window, Avg	Time Stamp
N2 Chk w/Harn	90% N1/6200 N2	7A / T53 Gear Vertical	0 - 300000, 400, ips, FlatTop, 4	2020-02-19 13:34:20
N2 Chk w/Harn	85% N1/6400 N2	7A / T53 Gear Vertical	0 - 300000, 400, ips, FlatTop, 4	2020-02-19 13:35:02
N2 Chk w/Harn	90% N1/6400 N2	7A / T53 Gear Vertical	0 - 300000, 400, ips, FlatTop, 4	2020-02-19 13:35:52
N2 Chk w/Harn	95% N1/6300 N2	7A / T53 Gear Vertical	0 - 300000, 400, ips, FlatTop, 4	2020-02-19 13:36:40
N2 Chk w/Harn	95% N1/6400 N2	7A / T53 Gear Vertical	0 - 300000, 400, ips, FlatTop, 4	2020-02-19 13:37:02
N2 Chk w/Harn	95% N1/6500 N2	7A / T53 Gear Vertical	0 - 300000, 400, ips, FlatTop, 4	2020-02-19 13:37:26
N2 Chk w/Harn	Max N1/6400 N2	7A / T53 Gear Vertical	0 - 300000, 400, ips, FlatTop, 4	2020-02-19 13:38:28
N2 Chk w/Harn	90% N1/6600 N2	7A / T53 Gear Vertical	0 - 300000, 400, ips, FlatTop, 4	2020-02-19 13:39:21

Engine Adjustments and Functional Checks

Engine Test

	Time	IAT (°F)	Baro (inHg)	Spool (Sec)	EGT (°F)
Start	10:40 AM	55	29.00	25	777
Shutdown	2:00 PM	57	28.98	55	

Bleed Band Closure Check

	IAT (°F)	N1%	Req. N1% Range	
Closed	52	74.8	74.4	77.3
Open	-	69.8	-	-

Inlet Guide Vane Operation Check

	IAT (°F)	N1%	Req. N1% Range	
Begin Op.	53	80.0	-	-
Full Op.	51	92.9	92.3	94.3
Begin Cl.	51	92.8	-	-
Full Cl.	53	79.9	-	-

Overspeed Governor Cut-In Check

	Fuel Flow	N2%	Req. N2% Range	
Low Stop	496	74.2	73.4	77.4
High Stop	752	100.0	99.0	101.5

Vibration Survey

Test Req. Speed		Actual Speed		Vibe Sensor Position		
N1%	N2%	N1%	N2%	Inlet	Axial	PT
85.0	97.3	85.1	97.1	0.35	0.47	0.47
90.0	94.8	89.9	95.0	0.26	0.35	0.39
90.0	97.3	90.0	97.1	0.28	0.37	0.42
90.0	100.4	90.2	100.4	0.42	0.62	0.46
95.0	97.3	95.1	97.3	0.25	0.47	0.41

Acceleration Check

F.I. (Sec)	2
G.I. (Sec)	6

Wave-Off Check

PASS

Anti-Ice Check

58 PSI

Emergency Fuel Check

712 PPH

Cold Weather Trim

N/A

**OZARK
AEROWORKS**

AN EAGLE PARTNER

Engine P/N: 1-000-060-29

Model#: T5317A-1

S/N: LE-07527X

Engine Time Since New (TSN): 18356.9

Engine Time Since O/H (TSO): 1994.3

LCF 1 (GP): 88019 LCF 2 (Comp.): 8336 LCF 3 (PT): 7343

Removed and disassembled the hot section. Performed a Power Turbine rotor blade shroud gap check in accordance with SB T53-0195 Rev.1. Reassembled the engine and completed a test run. All work was performed in accordance with the Honeywell Maintenance Manual 330.2 Rev.6 Dated 30 Nov. 2007, TR No. 160 and the Honeywell Overhaul Manual 330.3 Rev. 4 Dated 30 Nov. 2007, TR No.236 as applicable.

Engine is preserved. Engine is approved for return to service for work performed in accordance with Title 14, Code of Federal Regulations, and Part 43. Pertinent details are on file under Ozark Aeroworks Work Order # E1290.



16 April 2019

Brian Strickland / Date

Director of Quality / Ozark Aeroworks CRS#XGIR979K

PRIME P TURBINES

[illegible]

S/N: LE-07527X ENGINE MAINTENANCE RECORD



DATE	ENGINE TIME	CYCLES	MAINTENANCE CONDUCTED	REPLACEMENT PARTS	STAMP OR INITIALS
May 29, 2018	TSN: 18,356.9 TSO: 1,994.3 TSHSI: 0.0	LCF1: 88,019 LCF2: 8,336 LCF3: 7,343	Engine received for Poor Performance, Oil Leaks and Repair. Inspected engine components for serviceability and repaired or replaced items as required. Complied with 1250 hr Hot Section Inspection and 600 hr Fuel Manifold / Start Fuel Nozzle Inspection. Replaced Output Seal, Starter-Generator Gear, 1st GP Sealing Disc, all four Main Bearings & Seals and Powershaft Bearing. Refer to Airworthiness Directive and Service Bulletin section of this logbook for a complete listing of AD's and SB's complied with at this time. All work performed in reference to Honeywell Maintenance Manual 330.2 Rev 6, dated November 30, 2007, Honeywell Overhaul Manual 330.3 Rev 4, dated November 30, 2007 and Honeywell Repair Manual 72-09-30 Rev 3, dated November 30, 2009. All pertinent details of the work performed are on file at this Repair Station under Work Order M1R1052. The Engine identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. FULL ENGINE PERFORMANCE TEST / RATING PERFORMED. PRIME TURBINES LLC CRS# 5TPR585C 3130 N. OAKLAND, MESA, AZ 85215	COMPONENTS /OR PARTS REPLACED ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER M1R1052.	

[illegible]

STAPLES

TS317A-1

OPERATING & MAINTENANCE RECORD

X ENGINE

MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 1-000-060-29

S/N LE07527X

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
8/3/21	18863.0	2487.1	1) 89137 2) 89173	3) 7722	C/W AD2009-15-13 IAW para (g) No defects noted <i>AP2650654IA</i>
8/4/21	18867.0	2511.1	1) 89200 2) 89200	3) 7739	C/W Comp Wash IAW 72-00-00. No defects noted <i>AP2650654IA</i>
8/26/21	18907.7		1) 89238 2) 89471	3) 7755	C/W Comp Wash IAW 72-00-00 No defects noted <i>AP2650654IA</i>
8/26/21	18907.7		1) 89238 2) 89471	3) 7755	C/W AD2009-15-13 IAW para (g) No defects noted <i>AP2650654IA</i>
9/3/21	18928.4	2552.5	1) 89300 2) 8962	3) 7769	C/W Eng Comp Wash + Leak Check IAW 72-00-00 <i>AP2650654IA</i>
9/4/21	18938.6	2562.7	1) 89315 2) 8962	3) 7772	Installed Main Fuel Manifold S/N's 9A466B and CA-327A. Installed
					Start Fuel Nozzles S/N's 280205, 0AA10542, 284700, 060416B09052
					All Compressor Wash C.O.T.S. Work Done IAW 73-10-02, 73-10-03
					and KMM 71-00-00 <i>AP2650654IA</i>
9/8/21	18954.0	2578.1	1) 89354 2) 8986	3) 7784	C/W Eng Comp Wash + Leak Check IAW 72-00-00 <i>AP2650654IA</i>
9/8/21	18954.0	2578.1	1) 89354 2) 8986	3) 7784	C/W AD2009-15-13 IAW Para (g). No Defects Noted <i>AP2650654IA</i>
9/17/21	18979.0	2603.1	1) 89409 2) 8905	3) 7797	C/W Eng Comp Wash + Leak Check IAW 72-00-00 <i>AP2650654IA</i>
9/27/21	18998.1	2622.2	1) 89445 2) 8919	3) 7807	C/W Eng 100HR Serviceability Insp IAW 72-00-00 <i>AP2650654IA</i>
9/28/21	18998.1	2622.2	1) 89445 2) 8919	3) 7807	C/W AD2009-15-13 IAW para (g) No defects noted <i>AP2650654IA</i>
9/28/21	18998.1	2622.2	1) 89445 2) 8919	3) 7807	C/W Comp Wash IAW 72-00-00 No defects noted <i>AP2650654IA</i>
4/22/22	19043.1	2667.2	1) 89521 2) 8954	3) 7842	C/W AD2009-15-13 IAW para (g). No Defects Noted <i>AP4623914</i>
8/10/22	19084.4	2708.5	1) 89605 2) 8993	3) 7878	C/W Comp Wash IAW 72-00-00 No Defects <i>AP4623914</i>
9/11/22	19087.2	2711.3	1) 89610 2) 8993	3) 7879	C/W AD2009-15-13 IAW Para (g) No Defects <i>AP4623914</i>
8/13/22	19096.8	2720.9	1) 89628 2) 8993	3) 7885	C/W 100 Hrs Serviceability Insp IAW 72-00-00 <i>AP4623914</i>
8/16/22	19102.5	2726.6	1) 89641 2) 9004	3) 7887	C/W Comp Wash IAW 72-00-00 No Defects <i>AP4623914</i>
9/11/22	19131.5	2755.6	1) 89710 2) 9030	3) 7988	C/W AD2009-15-13 IAW Para (g) No Defects Noted <i>AP4623914</i>
9/21/22	19133.5	2757.6	1) 9030 2)	3	C/W Comp Wash IAW 72-00-00 No defects. <i>AP4623914</i>

Your signature or stamp signifies that the total operating hours and operating cycles and maintenance performed is hereby certified to be true and correct.

☒ ENGINE☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 1.000.060.29

T5317A-1

OPERATING & MAINTENANCE RECORD

S/N LEO7527X

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
1/3/21	18634.2	2273.7	1) 88583 2) 855	3) 7526	C/W AD 2004-15-13 IAW Para (g). No Defects Noted <i>Schul</i> AP585259807
1/5/21	18634.6	2274.0	1) 88583 2) 8550	3) 7528	C/W Eng Comp Wash and Leak Check IAW 72.00.00. No Defects Noted <i>Schul</i> AP585259807
2/22/21	18645.1	2282.5	1) 88595 2) 8539	3) 7541	Install Main Fuel Manifold P.N. 1-130-730-02, S.N.'s 790416802379, 790416802378, Both 0.0 TSO and Hrs Start Fuel Nozzles P.N. 1-300-405-01, S.N.'s 1KH02287, 4013A, 281243, and 070416809416, all 4 0.0 TSO IAW Honeywell T5317A 72-40.00, 73-10-03 and 74-20-03. No Defects Noted <i>Schul</i> AP585259807
5/24/21	18672.4	2309.8	1) 88629 2) 8582	3) 7529	C/W Engine Comp Wash + Leak Check IAW 72.00.00 <i>Schul</i> AP585259807
6/12/21	18703.3	2340.7	1) 88672 2) 8609	3) 7615	C/W Engine Comp Wash + Leak Check IAW 72.00.00 <i>Schul</i> AP585259807
6/19/21	18711.0	2348.4	1) 88701 2) 8617	3) 7620	C/W Eng 100Hr Serviceability Insp IAW 72.00.00 <i>Schul</i> AP585259807
6/21/21	18718.9	2356.3	1) 88719 2) 8628	3) 7627	C/W Eng 100Hr Oil Sample <i>Schul</i> AP585259807
7/2/21	18729.7	2367.1	1) 8757 2) 8644	3) 7635	C/W Engine Comp Wash + Leak Check IAW 72-00-00 <i>Schul</i> AP2650654IA
7/12/21	18743.0	2380.4	1) 8735 2) 8613	3) 7648	C/W Engine Comp Wash + Leak Check IAW 72-00-00 <i>Schul</i> AP2650654IA
7/24/21	18729.7	2367.1	1) 8757 2) 8644	3) 7635	C/W AD 2004-15-13 IAW Para (g) No Defects Noted <i>Schul</i> AP2650654IA
7/26/21	18746.7	2370.9	1) 8735 2) 8667	3) 7651	Removed FCU for AD 2006-11-16 P/W 1-170-780-01 <i>Schul</i> AP2650654IA
7/27/21	18776.5	2400.6	1) 88005 2) 8701	3) 7672	replaced with P/W 1-170-780-01 P/W 4AAS0011 <i>Schul</i> AP2650654IA
7/12/21	18776.5	2400.6	1) 88005 2) 8701	3) 7672	C/W Eng Comp Wash + Leak Check IAW 72.00.00 <i>Schul</i> AP585259807
7/17/21	18795.1	2419.2	1) 88912 2) 8721	3) 7683	C/W Eng Comp Wash + Leak Check IAW 72.00.00 <i>Schul</i> AP585259807
7/20/21	18806.4	2430.5	1) 88973 2) 8735	3) 7691	C/W Eng 100Hr Serviceability Insp IAW 72.00.00 <i>Schul</i> AP585259807
7/23/21	18819.3	2443.4	1) 89015 2) 8745	3) 7698	C/W Eng Comp Wash + Leak Check IAW 72.00.00 <i>Schul</i> AP2650654IA
7/23/21	18819.3	2443.4	1) 89015 2) 8745	3) 7698	C/W AD 2004-15-13 IAW Para (g) No Defects Noted <i>Schul</i> AP2650654IA
7/23/21	"	"	"	"	C/W Eng 100 HR oil Sample <i>Schul</i> AP2650654IA
7/23/21	"	"	"	"	C/W Eng 300HR oil change IAW 79-10-00 <i>Schul</i> AP2650654IA
7/23/21	"	"	"	"	C/W Eng 300 HR Scavenger Filter change IAW 79-26-00 <i>Schul</i> AP2650654IA
7/28/21	18841.9	2466.0	1) 89030 2) 8773	3) 7712	C/W Eng Comp Wash + Leak Check IAW 72.00.00 <i>Schul</i> AP2650654IA
8/3/21	18863.0	2487.1	1) 89139 2) 8792	3) 7722	C/W Eng Comp Wash + Leak Check IAW 72.00.00 <i>Schul</i> AP2650654IA

Your signature or stamp signifies that the total operating hours and operating cycles and maintenance performed is hereby certified to be true and correct.

☒ ENGINE

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 1-000-060-29

T53 1-A-1

OPERATING & MAINTENANCE RECORD

S/N LE-07527X

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
4/1/17	18,143.9	1781.3	1.87539	2.8168 3.7232	Performed Engine Comp Wash IAW T-53 Honeywell MM Ch. 72-00-00 pg 203, 204
→ 16/1/17	18,194.9	1832.3	1.87645	2.8210 3.7261	Performed Eng. Comp Wash IAW T-53 Honeywell H.M. Ch 72-00-00 pg 203-204
26/1/17	18,212.0	1849.4	1.87644	2.8224 3.7268	Performed Engine Compressor Wash IAW T-53 Honeywell MM Ch. 72-00-00 pg 203, 204
2/2/17	18,219.6	1857.0	1.87708	2.8224 3.7270	Performed Engine 100hr Serviceability Insp. IAW Honeywell MM Ch 72-00-00 pg 601-606
4/2/17	18,248.0	1885.4	1.87778	2.8253 3.7282	Performed Engine Compressor Wash IAW T-53 Honeywell MM Ch. 72-00-00 pg 203, 204
9/12/17	18,287.1	1924.5	1.87844	2.8284 3.7302	Performed Eng. Comp Wash IAW T-53 Honeywell H.M. Ch 72-00-00 pg 203-204
9/13/17	18,292.4	1929.8	1.87852	2.8287 3.7304	AD 2009-15-13 Insp of CCH & W No Defects noted
9/17/17	18,313.0	1950.4	1.87709	2.8301 3.7312	Engine 100hr Serviceability Insp IAW Honeywell H.M. Ch 72-00-00 pg 601-606
10/2/17	18,314.3	1950.7	1.87915	2.8304 3.7315	Replaced Fuel Manifolds, Installed P/n 1-130-730-02 & 1-130-730-03 IAW Honeywell T-53 MM
					@ ETT 18314.3
10/2/17	18,314.3	1951.7	1.87915	2.8304 3.7315	Replaced Start Fuel Nozzle, Installed P/n 1-130-405-02 & 1-130-405-03 IAW
10/2/17	18,314.3	1951.7	1.87915	2.8304 3.7315	Replaced Start Fuel Nozzle, Installed P/n 1-130-405-02 & 1-130-405-03 IAW
10/14/17	18,338.9	1976.3	1.87974	2.8323 3.7332	Eng Compressor Wash & W IAW H.M. Ch 72-00-00 pg 203-204
10/16/17	18,349.2	1981.6	1.87984	2.8321 3.7336	AD 2009-15-13 Insp of CCH & W No Defects noted
11/9/17	18,356.9	1994.3	1.88019	2.8336 3.7343	Engine was removed for inspection & repair
6/30/19	18,356.9	1994.3	1.88019	2.8336 3.7343	Installed on N161KA
8/5/19	18,403.1	2037.5	1.88106	2.8375 3.7376	AD 2009-15-13 Insp. CCH 50hr IAW AD @ ETT 18,400.1
8/12/19	18,443.6	2081.0	1.88208	2.8421 3.7404	Engine 100hr Serviceability Insp. & W IAW Honeywell H.M. Ch 72-00-00 pg 601-606
10/14/19	18,506.6	2144.0	1.88340	2.8475 3.7445	Performed Engine Compressor Wash IAW T-53 Honeywell MM Ch 72-00-00 pg 203, 204
11/10/20	18,529.2	2166.6	1.88383	2.8492 3.7465	Engine Removed for inspection & repair
12/1/20	18,529.5	2166.9	1.88385	2.8493 3.7467	C/W Eng Vibe Check IAW KMM 1B-10-00 No Defects
12/1/20	18,542.9	2180.3	1.88405	2.8503 3.7482	C/W AD 2009-15-13 Insp (avg) No Defects Noted
12/17/20	18,579.7	2217.1	1.88464	2.8523 3.7503	C/W Eng comp wash IAW Honeywell MM 72-00-00 pg 203-204
12/19/20	18,590.1	2227.5	1.88494	2.8530 3.7508	C/W AD 2009-15-13 Insp of CCH No Defects noted
12/19/20	18,623.4	2260.8	1.88500	2.8547 3.7524	C/W Eng 100hr Serviceability Insp IAW 72-00-00 No Defects Noted

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STAPLES

Eng SN# LE07527X

Maintenance Records

DATE	TSN	TSD	LCF1	LCF2	LCF3	
8-13-2012	16342.4		80499.5	6924	5162	Replaced (4) Start fuel Nozzles Thomas Shunderland
8-14-2012	16342.4		80516.0	6930	5166	Inspected eng per 100hr Serviceability checks Thomas Shunderland
8-15-2012	16347.9		80518.5	6936	5172	C/W Compressor Wash requirements Thomas Shunderland
8-17-2012	16362.6		80547	6940	5172	Remove Engine for A94-0024 95 per K1200mm/T53mm
5-4-2013	16362.6	0.0	80547	6940	5172	Installed into A94-0024 K1200 per P.M.M. 72
5-11-13	16412.0	49.4	80740	6962	6202	C/W comp wash 95 per K1200mm/T53mm
5-19-13	16461.6	99.0	80888	6978	6217	C/W comp wash 95 per K1200mm/T53mm
5-24-13	16477.1	114.5	80963.1	6984	6223	Replaced EGT Harness with TSN 8.0
6-6-13	16507.4	144.8	81160	7006	6242	TAW H/W M/T 77-20-01 201-01 Thomas Shunderland
6/15/13	16536.1	173.5	81			SBTS improper self loading, nuts. No improper nuts in our inventory or Engine LE07527X.
6/15/13	16536.1	173.5	81284	7018	6250	C/W comp wash & leak V as per T53mm/K1200mm.
8/6/13	16650.3	287.7	81586	7100	6311	C/W comp wash 95 per K1200mm ch 7100.00
8/27/13	16691.3	328.4	81683	7128	6354	C/W comp wash 95 per K1200mm/T53mm.
8/29/13	16694.4	331.8	81689	7132	6337	C/W 100hr Serviceability Insp 95 per T53mm
1-26-14	16758.5	395.9	81886	7170	6379	% Comp wash IAW K1200mm + Honeywell T53mm
1-27-14	16765.8	403.2	81922	7174	6384	% 100hr Serviceability Insp IAW Honeywell T53mm
2-1-14	16779.7	417.1	82031	7180	6390	% AD2009-15-13, Insp Eng C/H Rev cracks IAW Para (c) Alerts
2-10-14	16811.7	449.1	82044	7192	6402	C/W Comp Wash, Leak Checks IAW K1200/T53mm
4-22-14	16833.3	470.7	82357	7219	6433	Replace all 4 Start Fuel Nozzles due to being plugged. Installs 5.0's 3028A, 117112, 280322, 277181, all 00 TSD IAW T53mm 79-10-03
5-2-14	16849.3	486.7	82409	7251	6460	C/W Engine Wash, leak checks, IAW K1200, T53mm
5-9-14	16866.2	503.6	82462	7285	6482	C/W Engine 100hr Insp Performed leak/ops checks Done IAW T53mm
5-14-14	16876.9	504.3	82484	7299	6501	C/W AD 2009-15-13 C/H Inspection No Defects Done IAW AD Para (c) W/L/W/L
5-18-14	16892.7	530.1	82526	7328	6525	% Eng Comp Wash and Leak Check IAW T53mm.
5-26-14	16903.2	540.6	82549	7341	6539	Replace all 4 Main Fuel Manifold Gaskets IAW T53mm
5-29-14	16925.0	562.1	82639	7374	6546	C/W 50hr AD 2009-15-13 C/H Insp. No Defects Noted. Done IAW AD Para (c) W/L/W/L
6-13-14	16961.8	598.9	82710	7364	6563	C/W Engine Wash using Zok 27 Date IAW K1200 71-00-00/T53mm
7-12-14	16994.6	631.7	82894	7409	6591	C/W Engine Wash using Zok 27 Date IAW K1200 71-00-00/T53mm

Eng. P.N. 1.000.060.29

S.N. LE07527X

Date	TSN	TSO	LCF1	LCF2	LCF3	Maintenance Remarks
8/16/11	15490.7		76525	6130	4408	Removed main fuel manifolds and start fuel Nozzles and installed serviceable manifolds S/N 9A-800A/B/L-354A and serviceable start fuel Nozzle S/N 0896C 1628A 51854 5089A. T.S.O of All O.D. All work done I/A/W T53mm.
8-20-11	15516.9		76630	6151	4420	Complies with Engine Comp Wash After Honeywell T53mm. May AHP 3071340
8-31-11	15532.4		76705	6168	4435	Removed Hot Section to Weld Repair PN 1-130-780-03 combustion Liner for swirl cup Repair IAW Honeywell 330 S work performed by Capisco International PMA Repair Stations # X0200270. May AHP 3071340
9/8/11	15563.7		77007	6205	4457	100 Engine 100hr Serviceability Inspection as per T53mm. May AHP 3071340
9/13/11	15585.7		77208	6221	4467	100 Engine Comp Wash and Leak Check as per T53mm. May AHP 3071340
9-25-11	15632.4		77438	6267	4513	100 Engine Comp Wash and Leak Check as per T53mm. May AHP 3071340
10/9/11	15655.8		77505	6296	4551	100 Engine Comp Wash and Leak Check as per T53mm. May AHP 3071340
10/10/11	15659.9		77524	6304	4562	100 Engine 100hr Serviceability Inspection as per T53mm. May AHP 3071340
11/2/11	15750.6		77803	6424	4705	100 Engine Comp Wash and Leak Check as per T53mm. May AHP 3071340
11/4/11	15758.7		77821	6433	4717	100 Engine 100hr Serviceability Inspection as per T53mm. May AHP 3071340
11/24/11	15845.6		78021	6501	4793	100 Engine Comp Wash and Leak Check as per T53mm. May AHP 3071340
12/4/11	15872.9		78111	6546	4838	Removed engine from A94-0024 as per T53mm. May AHP 3071340
2/16/12	15872.9	4193.9	78111	6546	4838	Installed engine on A94-0016 as per T53mm and 100hr. May AHP 3339695
2-25-12	15914.8	4235.8	78432	6574	4864	100 Comp Wash and Leak Check IAW T53mm. May AHP 3339695
2-25-12	15914.8	4235.8	78432	6574	4864	Replaced Starter and Pump Coverplate for Air Leak. May AHP 3339695
3-2-12	15931.8	4252.8	78537	6581	4871	100 AD 200A 1513 Insp Eng CCH. No Defects Noted. May AHP 3339695
3-5-12	15954.2	4275.2	78649	6592	4880	100 Eng Comp Wash and Leak Check IAW T53mm. May AHP 3339695
3-13-12	15969.4	4290.4	78679	6603	4892	100 Engine 100hr Serviceability Inspection as per T53mm. May AHP 3339695
3-25-12	16007.6	4328.6	78787	6650	4938	100 Eng Comp Wash and Leak Check IAW T53mm. May AHP 3339695
3-26-12	16012.1	4333.1	78799	6650	4944	Replaced Start/Gen Oil Seal, Seal Housing, Seal Spacer and Lock Cup IAW T53mm. O ETI 16012.1. May AHP 3339695
4-8-12	16063.8	4384.8	78937	6718	5006	100 Eng Comp Wash and Leak Check IAW T53mm. May AHP 3339695
4-10-12	16066.6	4387.6	78949	6725	5013	Removed engine from A94-0016 as per T53mm Exhaust Diffuser Cracked. May AHP 3339695
5-12-12	16066.6	4387.6	78949	6725	5013	Installed Engine in A94-0024 IAW T53mm. May AHP 3339695
28 May 12	16144.5	4465.5	79451	6763	5047	Installed Fuel Manifold Set SN 5025A PMA IAW T53mm. May AHP 3339695

Eng. P.N. 1.000.060.29

S.N. LE07527X

Date	TSN	TSO	LCF1	LCF2	LCF3	Maintenance Remarks
10.22.10	14814.3		71753	5668	4104	Removed and Replaced all 4 Start Fuel Nozzles IAW T53 M.M. ^{SAW} AHP585259807
10.23.10	14814.3		71753	5668	4104	Replaced Drain Valve Gasket IAW Honeywell T53 M.M. ^{SAW} AHP585259807
11.6.10	14844.3		71915	5694	4122	C/W Engine Compressor Wash IAW Honeywell T53 M.M. ^{SAW} AHP585259807
11-11.10	14861.1		71989	5709	4137	C/W Engine 100 hr inspec. as per Honeywell T53 mm Liming AHP 3071340
12/3/10	14912.0		72479	5743	4160	C/W engine compressor wash IAW Honeywell T53 mm Liming AHP 3071340
12/4/10	14918.4		72546	5749	4164	Replaced leaking Start/booster seal as per Honeywell T53 mm Liming AHP 3071340
12.11.10	14961.0		73004	5774	4177	C/W Engine 100 hr Insp IAW Honeywell T53 M.M. ^{SAW} AHP585259807
12.11.10	14961.0		73004	5774	4177	C/W Engine Comp Wash IAW Honeywell T53 M.M. ^{SAW} AHP585259807
12.18.10	14962.4		73620	5777	4179	Engine Removed for Seal and Intake Housing replacement. ^{SAW} AHP585259807
12.18.10	14962.6		73022	5778	4180	Engine Installed, Ground Run, Leak Checks, and
1/24/11	14985.6		73074	5797		Vibe Check C/W. No Defects Noted ^{SAW} AHP585259807
1/24/11	14985.6		73074	5797	4206	C/W comp wash IAW T53 mm Liming AHP 3071340
5/24/11	15048.0		73185	5838	4236	C/W comp wash IAW T53 mm Liming AHP 3071340
5-31-11	15071.9		73231	5855	4247	Replaced FUEL MANIFOLD + START FUEL NOZZLES IAW T53 M.M. ^{AP 3400918}
6-5-11	15071.9		73238	5859	4250	CHANGED ENGINE OIL + SCAVENGE FILTER. 13QT MARK 1572 ^{AP 3400918}
6/17/11	15158.1		73967	5903	4276	C/W comp wash IAW T53 mm Liming AHP 3071340
6-25-2011	15210.5		74133	5930	4293	Complied with COMPRESSOR WASH IAW T53 M.M. ^{AP 3400918}
3 July 2011	15258.6		74961	5952	4307	Complied with ENGINE SERVICE 100HR WASH IAW HONEYWELL T53 M.M. AND
3 July 2011						COMPRESSOR WASH AT ENG 27.15.288.6 ^{AP 3400918}
13 July 2011	15303.4		75378	5976	4325	C/W comp wash IAW T53 mm Liming AHP 3071340
14 July 2011	15320.5		75504	5983	4329	Changed Start Fuel Nozzles IAW T53 mm Liming AHP 3071340
22 July 2011	15366.7		75945	6011	4345	ENGINE SERVICE INSPECTION, COMP WASH IAW T53 M.M. ^{AP 3400918}
26 July 2011	15387.3		76195	6029	4353	CHANGE FUEL CONTROL IAW T53 M.M. INSTALLED SW 132 AS 1520 ^{AP 3400918}
8/10/11	15440.5		76407	6101	4393	Replaced bracket P/N 1-170-490-02 as per T53 mm. Liming AHP 3071340
8/12/11	15450.5		76428	6108	4396	C/W comp wash IAW T53 mm Liming AHP 3071340
8/13/11	15460.5		7644	6114	4400	C/W engine serviceability inspection IAW T53 mm Liming AHP 3071340
8/16/11	15490.7		76525	6130	4408	Replaced Combustion Chamber 1130-610-05 SW 80004 for 586141 with 1130-610-05 SW 80-013 IAW Honeywell 3303 Rev 4. Performed Engine Vibration test IAW K100mm, Results are within Limits. Performed Spectrum Analysis 580147, Results are within Limits. All Records will be on file at Caddisco Int. FAA Repair Station # K02R0270 WO# 2171 ^{AP 3400918}

Engine: P.N. 1000.060.29

S.N. LE07527X

Date	TSN	TSD	LCF1	LCF2	LCF3	Maintenance Remarks
8-12-05	11,927.6	248.6	54,322	4194	3001	Sw Eng Comp Wash I/A/W T53 mm. <i>AP 403886521</i>
11/12/05	12,023.5	344.5	55,018	4238	3038	C/W comp wash I/A/W T53 mm <i>May ATP 3071340</i>
1/20/06	12,245.5	566.5	57036	4309	3102	REPL. FUEL MANIFOLDS & ST/FUEL NOZZLES W/O.O T50 LIKE ITEMS <i>AP 555831340</i>
1/22/06	12,261.0	582.6	57179	4314	3106	C/W 100 HR SERVICEABILITY INSP. I/A/W T53 mm. <i>AP 555831340</i>
2/4/06	12,317.2	638.2	57701	4336	3123	C/W Comp Wash I/A/W T53 mm <i>May ATP 3071340</i>
2/10/06	12,357.2	678.2	58056	4349	3134	C/W 100 HR SERVICEABILITY INSP. I/A/W T53 mm <i>AP 555831340</i>
2/20/06	12,399.7	720.7	58458	4362	3146	REPL. ST. FUEL NOZZLES W/SERVICEABLE <i>AP 555831340</i>
3/25/06	12,558.4	879.4	59677	4434	3209	C/W 100hr Serviceability Inspec. I/A/W T53 mm <i>May ATP 3071340</i>
3/25/06	12,558.4	879.4	59677	4434	3209	C/W Comp wash I/A/W T53 mm <i>May ATP 3071340</i>
3/30/06	12,582.4	903.4	59817	4442	3218	Replaced Fuel Manifold Assy and start Fuel Nozzles T.S.O O.O I/A/W T53 mm <i>May ATP 3071340</i>
4/3/06 12,599	12,587.9	920.4	59919	4449	3226	C/W Comp Wash I/A/W T53 mm <i>May ATP 3071340</i>
4/28/06	12,707.2	1028.6	60538	4492	3269	C/W comp wash I/A/W T53 mm <i>May ATP 3071340</i>
5/1/06	12,730.2	1051.6	60610	4497	3276	Replaced start Fuel Nozzles with serviceable nozzles <i>May ATP 3071340</i>
5/17/06	12,822.9	1144.3	61097	4522	3300	C/W comp wash I/A/W T53 mm <i>May ATP 3071340</i>
5/24/06	12,862.7	1184.1	61300	4536	3314	C/W 100hr Serviceability Inspec. I/A/W T53 mm <i>May ATP 3071340</i>
5/25/06	12,867.9	1189.3	61323	4538	3316	C/W comp wash I/A/W T53 mm <i>May ATP 3071340</i>
6/7/06	12,922.1	1243.5	61			
6/7/06	12,912.9	1234.3	61524	4548	3328	C/W COMP. WASH I/A/W T53 mm <i>AP 555831340</i>
6/8/06	12,922.1	1243.5	61			
6/8/06	12,924.9	1246.3	61595	4551	3331	ENG. REMOVED FROM A/C FOR HOT SECTION INSP. <i>AP 555831340</i>
7/17/06	12,924.9	1246.3	61595	4551	3331	Installed Engine on 161KAC 14,256.6 <i>May ATP 3071340</i>
7/24/06	12,968.9	1290.3	61785	4600	3353	C/W Comp Wash I/A/W T53 mm <i>May ATP 3071340</i>
7/31/06	13,004.6	1326.0	61894	4626	3369	C/W comp wash I/A/W T53 mm <i>AP 555831340</i>
8/2/06	13,020.5	1341.9	61936	4633	3374	C/W 100 HR SERVICEABILITY INSP. I/A/W T53 mm <i>AP 555831340</i>
8/7/06	13,038.5	1359.9	62003	4649	3385	C/W Comp. Wash I/A/W T53 mm <i>AP 555831340</i>
8/14/06	13,067.7	1389.1	62110	4673	3399	C/W Comp Wash I/A/W T53 mm <i>May ATP 3071340</i>
8/14/06	13,067.7	1389.1	62110	4673	3399	Replaced start Fuel Nozzles with serviceable nozzles T.S.O O.O <i>May ATP 3071340</i>
8/22/06	13,115.5	1436.9	62431	4700	3414	C/W Comp Wash I/A/W T53 mm <i>May ATP 3071340</i>
8/22/06	13,115.5	1436.9	62431	4700	3414	C/W 100hr Serviceability Inspec I/A/W T53 mm <i>May ATP 3071340</i>

ENG. P.N. 1-000-060-29

S/N LE07527X

DATE	TSN	TSO	LCF 1	LCF 2	LCF 3	MAINTENANCE	REMARKS
8/28/06	13,155.9		62777	4721	3424	C/W COMP. WASH I/A/W T53 MM	With B. Hyle ASP 555831340
9/5/06	13,219.4		63072	4762	3449	C/W 100HR SERVICEABILITY INSP I/A/W T53 MM	With B. Hyle ASP 555831340
9/7/06	13,226.5		63092	4769	3452	C/W COMP. WASH I/A/W T53 MM	With B. Hyle ASP 555831340
9/10/06	13,248.5		63158	4791	3469	REPL. FUEL MANIFOLDS & ST/FUEL NOZZLES I/A/W T53 MM	With B. Hyle ASP 555831340
10-12-08	14299.0		70431.6	5311	3856	C/W COMP. WASH I/A/W T53 M.M.	With B. Hyle ASP 555831340
10-16-08	14306.9		70499.1	5315	3859	C/W 100 hr Serviceability INSP I/A/W T53 M.M.	With B. Hyle ASP 555831340
7-24-08	14429.3		701444	5387	3924	C/W COMP. WASH I/A/W T53 M.M.	With B. Hyle ASP 555831340
9-18-08	14570.9		702538	5438	3988	Replaced combustion con 1-130-610-12 SN 78D004, manifolds assy SN 9A-285B, 309B, also replaced start fuel nozzles. IAW Honeywell repair manual. work performed under FAA-CRS # X03R0370 W.O. # 1953 Cappsco International Corp. <i>William</i>	
8-20-10	14605.9		70454	5480	4005	C/W Comp Wash IAW T53 M.M.	With B. Hyle ASP 555831340
8-26-10	14637.8		70572	5520	4023	Replaced Drain Valve Gasket P.N. 1-160-045-01 IAW T53 M.M.	With B. Hyle ASP 555831340
8-31-10	14651.1		70632	5545	4030	C/W Eng 100hr Insp IAW Honeywell T53 M.M.	With B. Hyle ASP 555831340
8-31-10	14651.1		70632	5545	4030	C/W Eng Comp Wash IAW Honeywell T53 M.M.	With B. Hyle ASP 555831340
9-10-10	14708.6		70960	5588	4051	C/W Engine Comp Wash I/A/W Honeywell T53 m.m	With B. Hyle ASP 555831340
9-11-10	14717.1		71028	5591	4054	Replace shaft/ben seal, cuplock and seal spacer 95 per T53mm. Wtl 3071340	
9-12-10	14721.0		71066	5593	4055	Removed main fuel manifolds due to air leaks. Installed new gaskets and seals and reinstalled manifolds 95 per T53mm. Wtl 3071340	
9-21-10	14757.7		71361	5611	4068	C/W Eng Comp Wash and 100hr Insp IAW T53 M.M.	With B. Hyle ASP 555831340
10-15-10	14801.3		71676	5654	4096	C/W engine comp wash 95 per T53mm Wtl 3071340	
10-17-10	14803.3		71692	5658	4097	engine over speed 105/ Performed Overspeed Inspection removed Hot section inspected Both PT Rotors and nozzles Found PT spacer rubbed on 2nd PT nozzle. Filed PT nozzle to get .016 clearance, also removed 2nd gp nozzle and Rotor and Inspected. Reassembled hot section and gp section and returned to service IAW Honeywell repair manual work performed under FAA-CRS # X02R0370 Cappsco International Corp. <i>William</i> also performed Vibe check.	

☐ ENGINE

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: _____

OPERATING & MAINTENANCE RECORD

S/N _____

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
7/20/04	10,698.2	3607.4	1.46543 2.3653	2592	C/W Compressor Wash I/A/W T53mm Mag A4P537744679
7/24	10,720.3	3629.5	1.44777 2.3663	2597	C/W 100hr Serviceability Insp. I/A/W T53mm Mag A4P537744679
7/25	10,725.7	3634.9	1.46755 2.3665	2599	C/W Compressor Wash I/A/W T53mm Mag A4P537744679
7/31	10,771.9	3681.1	1.47075 2.3684	2608	C/W Comp. Wash I/A/W T53mm Mag A4P537744679
8/5/04	10,812.7	3721.9	1.47438 2.3706	2619	C/W 100 HR SERVICEABILITY INSPEC I/A/W T53mm Mag A4P537744679
8/11/04	10,860.6	3769.8	1.47810 2.3722	2633	C/W Compressor Wash I/A/W T53mm Mag A4P537744679
8/16/04	10,905.8	3815.0	1.48200 2.3735	2641	C/W 100hr Serviceability Inspection I/A/W T53mm Mag A4P537744679
8/17/04	10,914.9 10,955.9	3824.1	1.48277 2.3737	2642	C/W Compressor Wash I/A/W T53mm Mag A4P537744679
8/20/04	10,939.5	3848.7	1.48470 2.3742	2647	Removed Governor S/N 9401877 & Installed Governor 9401838 95pr T53mm Mag A4P537744679
8/20/04	10,939.5	3848.7	1.48490 2.3742	2647	Removed Fuel Manifold Assy S/N 43 1152 1164 and installed Fuel Manifold Assy. S/N 43 1154 & 1155 95pr T53mm T.S.O O.O Mag A4P537744679
8/20/04	10,939.5	3848.7	1.48490 2.3742	2647	Removed Start Fuel Nozzles and installed Nozzles S/N 1.81125 2. E657 Mag A4P537744679
8/22/04	10,958.5	3867.7	1.48654 2.3747	2653	3. 226306 4. 8187 T.S.O O.O all work done I/A/W T53mm Mag A4P537744679
8/24/04	11,007.8	3917.0	1.49065 2.3762	2665	C/W comp Wash I/A/W T53mm Mag A4P537744679
8/30/04	11,007.8	3917.0	1.49065 2.3762	2665	C/W 100 HR SERVICEABILITY INSP. I/A/W T53mm Mag A4P537744679
9/5/04	11,068.3	3917.5	1.49558 2.3773	2676	C/W COMP. WASH I/A/W T53mm Mag A4P537744679
9/18/04	11,091.8	4001.0	1.47763 2.3778	2681	C/W COMP. WASH I/A/W T53mm Mag A4P537744679
9/10/04	11,116.8	4026.0	1.49111 2.3783	2685	Removed Start Fuel Nozzles and Installed Serviceable Nozzles T.S.O O.O S/N 1.36478 2.31438 3. 2057 8.4. 1W603724 Mag A4P537744679
9/10/04	11,116.8	4026.0	1.49111 2.3783	2685	C/W 100hr. Serviceability Insp. I/A/W T53mm Mag A4P537744679
9/10/04	11,116.8	4026.0	1.49111 2.3783	2685	C/W Comp Wash I/A/W T53mm Mag A4P537744679
9/26/04	11,213.5	4122.7	1.50705 2.3819	2714	C/W 100HR SERVICEABILITY INSP. I/A/W T53mm Mag A4P537744679
9/27/04	11,213.5	4122.7	1.50705 2.3819	2714	C/W COMP WASH I/A/W T53mm Mag A4P537744679
9/29/04	11,239.7	4148.9	1.50923 2.3826	2719	C/W COMP WASH I/A/W T53mm Mag A4P537744679
9/30/04	11,248.5	4157.7	1.50944 2.3827	2720	REMOVED START FUEL NOZZLES & FUEL MANIFOLDS. INSTL. O.O T50 MANIFOLDS & NOZZLES I/A/W T53mm Mag A4P537744679
10/3/04	11,272.1	4181.3	1.51178 2.3833	2724	FUEL CONTROL REPL. TO C/W SB T53 T13B INTERNAL SPINE INSP. ALL WORK I/A/W T53mm Mag A4P537744679
10/11/04	11,318.4	4227.6	1.51520 2.3848	2739	C/W COMP WASH I/A/W T53mm Mag A4P537744679
10/11/04	11,318.4	4227.6	1.51520 2.3848	2739	C/W Comp Wash I/A/W T53mm Mag A4P537744679
10/11/04	11,318.4	4227.6	1.51520 2.3848	2739	C/W 100hr Ser Mag A4P537744679

Signature or stamp signifies that the total operating hours and open

les and maintenance performed is hereby certified to be true and

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☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN:

OPERATING & MAINTENANCE F

ID

1-000-060-29

S/N LE-07527X

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
10/12/04	11,321.7	4230.9 ¹	51545 ³ 3849	2741	Removed for Cracked/Separated Burner can drain valve. <i>5- May</i> REPLACED OUTER COMBUSTOR HOUSING P/N 1-130-610-12, INSTALLED SERVICEABLE FIRST STAGE P.T. ROTOR ASSY. P/N 1-190-010-03, REPLACED #3 SEAL P/N 1-300-662-01, REPAIRED LEAKING BLEED BAND ACTUATOR ASSY. P/N 1-170-050-10, REASSEMBLED ENGINE AND FUNCTIONALLY TESTED I/A/W HONEYWELL 330.2 + 330.3 MANUALS. C/W S.B. T53- 0048, 0100, 0138, 0139. C/W A.D. 77-17-08R1 + 2002-03-01. ENGINE IS FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN BACK TO TIME CONTINUED SERVICE. ALL WORK DONE IS ON FILE @ FAA-CRS #X02R0270 UNDER WORK ORDER # 1528. CAPPSO INTERNATIONAL CORP. <i>Richard E. Andino</i> 805 S. PARK AVE. TUCSON, AZ. 85719
1/10/05	11321.7	SAME AS ABOVE			REMOVED OIL STRAINER FILTER ASSY P/N 1840-4017 FOR USE ON LE-81016, N161KA. INSTALLED SERVICEABLE FILTER ASSY IAW ASA MM REPORT NO. 330.2, 79-20-03, 1.A&B. <i>Aug 2007 AP240775</i>
6-28-05	11709.8	4230.9	153525 ¹ 23596 ²	32894	C/w Comp. Wash IAW T53 mm <i>AP407886561</i>
7-3-05	11744.4	65.4 ^{CW}	1-53585 ¹ 2-4017 ²	3-2907	C/w Comp Wash IAW T53mm. <i>AP585259807</i>
7-6-05	11765.4	86.4	1-53628 ¹ 2-4036 ²	3-2918	C/w Comp Wash IAW T53mm. <i>AP585259807</i>
7-9-05	11775.0	96.0	1-53612 ¹ 2-4046 ²	3-2926	C/w Engine Serviceability Insp IAW T53mm. <i>AP585259807</i>
7-15-05	11866.5	137.5	1-54014 ¹ 2-4082 ²	3-2940	RMD + Replaced START FUEL nozzles All work done IAW T53mm. REFER TO NOZZLE HARD CARD FOR INFO <i>AP407886561</i>
7-20-05	11832.3	163.3	1-54066 ¹ 2-4107 ²	3-2954	C/w Comp Wash IAW T53mm <i>AP407886561</i>
7-23-05	11854.5	175.5	1-54119 ¹ 2-4121 ²	3-2962	C/w Comp Wash IAW T53mm <i>AP407886561</i>
7-29-05	11874.2	195.2	1-54146 ¹ 2-4136 ²	3-2973	C/w Eng. Serviceability Insp IAW T53mm. <i>AP585259807</i>
7-3-05	11882.1	203.1	1-54187 ¹ 2-4147 ²	3-2977	C/w Eng Comp Wash IAW T53mm. <i>AP585259807</i>
8-7-05	11897.6	218.6	1-54242 ¹ 2-4169 ²	3-2989	C/w Eng Comp Wash IAW T53mm. <i>AP585259807</i>

Your signature or stamp signifies that the total operating hours and operating cycles and maintenance performed is hereby certified to be true and correct.

ERC-LB-4

Service Record

☐ ENGINE

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 1-000-060-29

OPERATING & MAINTENANCE RECORD

S/N LE07527X

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSN LCE1	TSN LCE2	TSN LCE3	
7-5-03	9645.4	38671 38676	3042	2184	C/W Comp Wash IAW Honeywell T53M.M. <i>Stahl</i> AHP85259807
7-9-03	9663.7	38686	3046	2189	Replaced Purge Line P.N. 1-170-500-01 IAW Honeywell T53M.M. <i>Stahl</i> AHP85259807
7-13-03	9680.3	38767	3057	2196	C/W Eng Servisability Insp IAW Honeywell T53M.M. <i>Stahl</i> AHP85259807
7-13-03	9680.3	38767	3057	2196	C/W Eng Comp Wash IAW Honeywell T53M.M. <i>Stahl</i> AHP85259807
7-21-03	9718.0	39134	3109	2216	S/N Removed 2 INNO 2777, INNO 2785, INNO 2778, INNO 2850 INST. BOWEN, A7416, 06053, 243752 Honeywell Curt Caution AEP 601462509
7-24-03	9734.7	39335	3130	2225	C/W Eng Comp wash I/A/W Honeywell T53 M.M. Curt Caution AEP 601462509
8-1-03	9786.4	40070	3196	2243	C/W Eng Comp Wash IAW Honeywell T53 M.M. <i>Stahl</i> AHP85259807
8-1-03	9796.2	40238	3212	2244	C/W Eng Servisability Insp IAW Honeywell T53M.M. <i>Stahl</i> AHP85259807
8-7-03	9834.5	40669	3256	2263	C/W Eng Comp Wash IAW Honeywell T53 M.M. <i>Stahl</i> AHP85259807
8-15-03	9893.8 9900.6	41312 41386	3291 3297	2281 2284	Corrected Time and C/F done by CE C/W Eng Comp wash IAW Honeywell T53 M.M. Curt Caution AEP 601462509
8-15-03	9900.6	41386	3297	2284	C/W Eng Servisability ✓ I/A/W Honeywell T53M.M. Curt Caution AEP 601462509
9/19/03	9988.8	42511	3408	2344	C/W Eng Vibe Check I/A/W Honeywell T53 M.M. <i>Stahl</i> AHP85259807
11/22/03	10,011.2	42620	3414	2349	C/W Eng. Comp Wash IAW Honeywell T53M.M. <i>Stahl</i> AHP85259807
12/5/03	10,602.7	42911	3442	2374	C/W Comp wash as per Honeywell T53mm Curt Caution AEP 601462509
12/17/03	10,141.2	43550	3472	2398	Removed & Replaced Main Fuel Manifolds and start fuel nozzles see Hard card for details
2/2/04	10,842.6	44497	3535	2471	Removed and Replaced Start Fuel Nozzles All work done in accordance with Honeywell T53 Maintenance manual Refer to Fuel Nozzle Hard Card for info. Curt Caution AEP 601462509
2/3/04	10,846.5	44516	3541	2477	C/W Eng. servisability ✓ I/A/W Honeywell T53 mm Curt Caution AEP 601462509
2/4/4	10,852.4	44528	3544	2480	C/W Comp wash I/A/W Honeywell T53 M.M. Curt Caution AEP 601462509
2/20/04	10,411.6	45023	3573	2510	C/W Eng. servisability ✓ I/A/W Honeywell T53M.M. <i>Stahl</i> AHP85259807
2/20/04	10,411.6	45023	3573	2510	C/W Comp. Wash I/A/W Honeywell T53M.M. <i>Stahl</i> AHP85259807
5/3/04	10,429.0	45149	3577	2515	Installed on A94-0024 All done I/A/W Honeywell T53mm Curt Caution AEP 601462509
5/6/04	10,452.5	45247	3585	2526	Replaced start fuel nozzles and AFR main fuel manifolds. S/Ns removed nozzles 0170A, 0779B, 0643C and 130855 Nozzles installed 9951, 3222, 06600, 269402 manifold S/Ns removed 96049A, 94H251 manifold S/Ns installed, S/N-1152 and 1164 All done @ ASEP 11,488.5 and all work done in accordance with Honeywell T53 mm Curt Caution AEP 601462509.
5/8/04	10,459.9	45281	3588	2529	C/W Comp wash I/A/W Honeywell T53mm Curt Caution AEP 601462509
5/12/04	10,496.9	45457	3599	2540	C/W Comp wash I/A/W Honeywell T53mm Curt Caution AEP 601462509

Your signature or stamp signifies that the total operating hours and operating cycles and maintenance performed is hereby certified to be true and correct.

S/N LEO7527X

Engine Inspection Record

DATE	ENGINE TIME	INSPECTIONS CONDUCTED	REPLACEMENT PARTS			INITIALS
			LCF1	LCF2	LCF3	
10/11/02	8663.7	C/W Engine Comp Wash IAW Honeywell T53M.M	28356	2459	1844	John AIP58525807
10/17/02	8702.5	C/W Engine Comp Wash IAW Honeywell T53M.M	28885	2534	1858	John AIP58525807
10/24/02	8759.9	C/W engine serviceability inspection I/A/W T53mm	29577	2593	1870	Jim AIP5374467
10/25/02	8759.9	C/W engine comp. wash as per allied sign Honeywell mm	29577	2575	1870	Jim AIP5374467
10/31/02	8821.7	C/W engine comp. wash as per allied sign Honeywell mm	30417	2651	1882	Jim AIP5374467
11/5/02	8861.1	C/W engine serviceability inspection as per T53mm	31012	2686	1892	Jim AIP5374467
11/7/02	8869.7	C/W Engine Comp Wash IAW Honeywell T53 M.M	31127	2690	1895	John AIP58525807
11/13/02	8908.6	C/W Engine Comp Wash IAW Honeywell T53 M.M	31573	2708	1907	John AIP58525807
11/21/02	8951.4	C/W engine comp. wash as per Honeywell T53 mm.	31958	2726	1921	Jim AIP5374467
11/21/02	8958.4	C/W engine serviceability inspection as per T53mm	32021	2727	1922	Jim AIP5374467
12/1/02	9004.9	C/W engine comp. wash I/A/W Honeywell T53mm	32344	2753	1940	Jim AIP5374467
12/7/02	9052.0	C/W engine comp. wash I/A/W Honeywell T53mm	32660	2768	1952	Jim AIP5374467
1/17/03	9239.7	C/W engine comp. wash I/A/W Honeywell T53 mm	34321	2845	2006	Jim AIP5374467
3/17/03	9370.0	C/W engine comp wash I/A/W Honeywell T53 mm	35135	2920	2074	Jim AIP5374467
3/17/03	9374.9	C/W engine serviceability inspection as per T53mm	35989	2925	2076	Jim AIP5374467
3-29-03	9429.0	C/W Engine Comp Wash I/A/W Honeywell T53MM	36447	2945	2094	Carl AIP601462509
4-4-03	9462.4	R&R Start Fuel Nozzle Refueling back all work done I/A/W T53	36880	2960	2107	Carl AIP601462509
4-6-03	9470.7	C/W engine serviceability insp as per T53MM	37043	2965	2110	Carl AIP601462509
4-7-03	9470.7	C/W engine Comp wash I/A/W Honeywell T53 mm	37043	2965	2110	Carl AIP601462509
4-12-03	9513.4	C/W Engine Comp Wash IAW Honeywell T53M.M	37495	2976	2121	John AIP58525807
4-13-03	9529.3	C/W 300hr start/lean lined Adapter Lobe	37685	2983	2124	John AIP58525807
4-15-03	9547.6	C/W Engine Serviceability Insp IAW Honeywell T53M.M	37890	2986	2125	John AIP58525807
4-17-03	9556.6	C/W Engine Comp Wash IAW Honeywell T53M.M	37983	2989	2132	John AIP58525807
4-18-03	9565.6	Revised Engine for Cracked Mount, 2nd G.P. Disc, Seal Leak Honeywell	38071	2991	2134	John AIP58525807
6-26-03	9600.8	C/W Eng. Serviceability Insp as per T53mm	38339	3013	2156	Carl AIP601462509
6-28-03	9601.6	C/W engine Comp wash I/A/W Honeywell T53mm	38345	3019	2163	Carl AIP601462509

NOMENCLATURE _____

PART NUMBER _____

SERIAL NUMBER _____

(N)
MODULE COMPONENT SERVICE RECORD
 ENGINE INSPECTION RECORD

Page ____ of ____

	DATE	COMPONENT OPERATING TIME				MAINTENANCE/REMARKS	SIGNATURE	LICENSE NUMBER
		SINCE NEW		SINCE OV'HL				
		HOURS	CYCLES	HOURS	CYCLES			
1	9-24-00	6453.7	LCF1 15146	LCF2 1237	LCF3 1115	DRAINED AND RE-SERVICED ENGINE OIL BASED ON WITH MOBIL 1ET II	<i>[Signature]</i>	
2	9-28	6477.0	15231	1246	1125	COMPLIED WITH COMPRESSOR WASH I/A/W HONEYWELL M.M.	<i>[Signature]</i>	
3						COMPLIED WITH 100HR SERVICEABILITY INSPECTION, NO DISCREPANCIES	<i>[Signature]</i>	AP 50206561 I.A.
4	10-18	6574.8	15885	1295	1159	COMPLIED WITH 100HR SERVICEABILITY INSPECTION, NO DISCREPANCIES		
5						COMPLIED WITH COMPRESSOR WASH, USED 20L27 GTS PATEL/CLARK	<i>[Signature]</i>	AP 50206561 I.A.
6	11-17	6728.0	16579	1335	1201	COMPLIED WITH COMPRESSOR WASH I/A/W HONEYWELL OR GE.	<i>[Signature]</i>	AP 50206561 I.A.
7	11/26/00	6780.0	16740	1845	1211	CLW COMP WASH I/A/W HONEYWELL MAINT. INST.	<i>[Signature]</i>	AP 50206561 I.A.
8	11/25/00	6780.0	16740	1345	1211	CLW 100HR ENG. INSP I/A/W HONEYWELL MAINT. INST.	<i>[Signature]</i>	AP 50206561 I.A.
9	12-14-00	6885.4	17363	1374	1233	CLW SERVICEABILITY CHECK (100HR) I/A/W HONEYWELL M.M.	<i>[Signature]</i>	AP 50206561 I.A.
10	12-17-00	6893.1	17325	1377	1241	CLW COMPRESSOR WASH I/A/W HONEYWELL M.M.	<i>[Signature]</i>	AP 50206561 I.A.
11	1-5-01	6948.7	17550	1387	1250	CLW COMPRESSOR WASH I/A/W HONEYWELL M.M.	<i>[Signature]</i>	AP 50206561 I.A.
12	1-12-01	6971.5	17695	1398	1264	CLW COMPRESSOR WASH I/A/W HONEYWELL M.M.	<i>[Signature]</i>	AP 50206561 I.A.
13	1-15-01	6982.6	17740	1403	1271	CLW SERVICEABILITY CHECK (100HR) I/A/W HONEYWELL M.M.	<i>[Signature]</i>	AP 50206561 I.A.
14	11-15-01	7135.3	18775	1449	1305	CLW Comp Wash I/A/W Honeywell T53 M.M.	<i>[Signature]</i>	AP 50206561 I.A.
15	11-17-01	7144.6	18862	1458	1311	CLW Engine Serviceability Insp, 100HR, I/A/W Honeywell T53 M.M.	<i>[Signature]</i>	AP 50206561 I.A.
16	11/29/01	7202.0	19224	1487	1335	Removed start/ben seal and replaced with new. ^{All work done I/A/W} Allied Signal/Honeywell	<i>[Signature]</i>	AP 537744679
17	12/1/01	7210.7	19284	1489	1336	Performed compressor wash as per Allied Signal/Honeywell mm	<i>[Signature]</i>	AP 537744679
18	12/6/01	7233.4	19578	1500	1346	CLW Engine Comp Wash I/A/W Honeywell T53 M.M.	<i>[Signature]</i>	AP 50206561 I.A.
19	12/8/01	7249.6	19713	1503	1348	CLW Engine Serviceability Insp I/A/W Honeywell T53 M.M.	<i>[Signature]</i>	AP 50206561 I.A.
20	12/18/01	7290.9	20041	1514	1361	CLW Engine Comp Wash I/A/W Honeywell T53 M.M.	<i>[Signature]</i>	AP 50206561 I.A.
21	12/19/01	7324.7	20293	1528	1374	Removed start/ben seal and replaced with new. ^{All work done I/A/W} Allied Signal/Honeywell mm	<i>[Signature]</i>	AP 537744679
22	1/3/02	7350.2	20492	1544	1388	CLW Engine Serviceability Insp. I/A/W Honeywell T53 M.M.	<i>[Signature]</i>	AP 50206561 I.A.
23	1/4/02	7350.2	20492	1544	1388	CLW Engine Comp Wash I/A/W Honeywell T53 M.M.	<i>[Signature]</i>	AP 50206561 I.A.
24	1/10/02	7389.4	20784	1556	1400	CLW Engine Comp Wash I/A/W Honeywell T53 M.M.	<i>[Signature]</i>	AP 50206561 I.A.
25	1/20/02	7451.4	21251	1579	1420	CLW Engine Serviceability Insp. & Comp Wash I/A/W Allied Signal/Honeywell	<i>[Signature]</i>	AP 537744679
26	1/27/02	7481.5	21525	1587	1430	Performed compressor wash as per Allied Signal/Honeywell mm	<i>[Signature]</i>	AP 537744679

LE07527X

Engine Inspection Record

Component Operating Time

	Date	HOURS	LCF1	LCF2	LCF3	Maintenance Remarks	Signature	License Number
27	2-3-02	7531.2	22036	1605	1444	C/W Engine Comp Wash IAW Honeywell T53 M.M.	J. A. W.	A+P585259807
28	2-4-02	7547.0	22194	1612	1449	C/W Engine Serviceability Insp. IAW Honeywell T53 M.M.	J. A. W.	A+P585259807
29	2-12-02	7590.3	22505	1626	1463	C/W Engine Comp Wash IAW Honeywell T53 M.M.	J. A. W.	A+P585259807
30	2/19/02	7642.0	22818	1643	1478	Performed compressor wash as per allied signal / Honeywell mm	J. Mag	A+P 537744679
31	2/21/02	7648.1	22877	1646	1481	C/W Engine Serviceability Inspection I/A/W Allied Signal / Honeywell mm	J. Mag	A+P 537744679
32	2/21/02	7651.3	22851	1658	1492	C/W Comp Wash IAW Honeywell T53 M.M.	J. A. W.	A+P585259807
33	3-7-02	7701.3	23649	1669	1502	C/W Comp Wash IAW Honeywell T53 M.M.	J. A. W.	A+P585259807
34	3-7-02	7731.3	23649	1669	1502	C/W Engine Serviceability Insp. IAW Honeywell T53 M.M.	J. A. W.	A+P585259807
35	3/17/02	7779.6	23886	1685	1518	C/W Comp Wash IAW Allied Signal / Honeywell mm.	J. Mag	A+P 537744679
36	3/23/02	1830.7	24200	1674	1528	C/W Comp Wash I/A/W Allied Signal / Honeywell mm.	J. Mag	A+P 537744679
37	3/25/02	7854.2	24365	1699	1533	Performed engine serviceability inspection I/A/W Honeywell mm.	J. Mag	A+P 537744679
38	3-31-02	7985	24513	1714	1548	C/W Comp Wash IAW Allied Signal / Honeywell T53 M.M.	J. A. W.	A+P585259807
39	5-29-02	8015	25542	1797	1604	C/W Comp Wash I.A.W. Honeywell MAINT. MANUAL	J. A. W.	A+P587065611 A.
40	5-3-02	8046.0	25649	1836	1625	C/W Comp. Wash. I.A.W. Honeywell MAINT. MANUAL	J. A. W.	A+P587065611 A.
41	6/13/02	8074.0	25770	1871	1648	C/W 100 HR SERV. INSP. I/A/W HONEYWELL MAINT. MAN.	J. A. W.	A+P585831340
42	6/13/02	8087.1	25819	1904	1659	C/W COMP. WASH I/A/W HONEYWELL MAINT. MAN.	J. A. W.	A+P585831340
43	6-21-02	8105.2	25876	1921	1673	C/W Comp. Wash I.A.W. Honeywell MAINT. MAN.	J. A. W.	A+P587065611 A.
44	6-27-02	8159.7	26030	1993	1700	C/W Comp. Wash. I.A.W. Honeywell MAINT. MAN.	J. A. W.	A+P587065611 A.
45	7/9/02	8212.4	26254	2070	1747	C/W COMP. WASH I/A/W HONEYWELL MAINT. INST.	J. A. W.	A+P585831340
46	7-17-02	8245.9	26328	2098	1765	REMOVED EXHAUST MAN AL 94-0024. LOSS OF TORQUE DURING START TO THE		
47						XSMAN, DRIVE SHAFT WOULD STOP ROTATING DURING START SEQUENCE @ APPROX		
48						20 TO 25% N1. THEN RE-ENGAGE @ APPROX 35% N1, SUSPECT NO FAILURE.	J. A. W.	
49	8-15-02	8245.9	26328	2098	1765	Installed EXHAUST MAN AL 94-0024 (I.A.W. Honeywell MAINT. MAN.)	J. A. W.	
50	8-21-02	8466.5	26761	2186	1783	C/W EXHAUST COMP. WASH IAW Honeywell M.M.	J. A. W.	
51	8-26-02	8508.2	27140	2285	1792	C/W COMPRESSOR WASH I.A.W. Honeywell M.M.	J. A. W.	
52	9/3/02	8564.6	27513	2375	1811	C/W 1. M.M. Zone TWO AND HONEYWELL SERVICEABILITY CHECK	J. A. W.	
53	9/3/02	8564.6	27513	2375	1811	C/W COMP WASH I/A/W HONEYWELL MAINT. MAN.	J. A. W.	A+P585831340
54	9/9/02	8612.3	27967	2410	1822	C/W 100 HR SERV. INSP. I/A/W HONEYWELL MAINT. MAN.	J. A. W.	A+P585831340
55	9/10/02	8612.3	27967	2410	1822	C/W COMP WASH I/A/W HONEYWELL MAINT. MAN.	J. A. W.	A+P585831340
	9-21-02	8655.2	28222	2453	1843	LEFT REAR MOUNT CRACKED, ENGINE JOLTS 2 QTS oil IN 5 FLT. HES.	J. A. W.	

LE07527X

Engine Inspection Record

Component Operating Time

	Date	HOURS	LCF1	LCF2	LCF3	Maintenance Remarks	Signature	License Number
27	2-3-02	7531.2	22036	1605	1444	C/W Engine Comp Wash IAW Honeywell T53 M.M.	J. A. W.	A+P585259807
28	2-4-02	7547.0	22194	1612	1449	C/W Engine Serviceability Insp. IAW Honeywell T53 M.M.	J. A. W.	A+P585259807
29	2-12-02	7590.3	22505	1626	1463	C/W Engine Comp Wash IAW Honeywell T53 M.M.	J. A. W.	A+P585259807
30	2/19/02	7642.0	22818	1643	1478	Performed compressor wash as per allied signal / Honeywell mm	J. Mag	A+P 537744679
31	2/21/02	7648.1	22877	1646	1481	C/W Engine Serviceability Inspection I/A/W Allied Signal / Honeywell mm	J. Mag	A+P 537744679
32	2/21/02	7651.3	22851	1658	1492	C/W Comp Wash IAW Honeywell T53 M.M.	J. A. W.	A+P585259807
33	3-7-02	7701.3	23649	1669	1502	C/W Comp Wash IAW Honeywell T53 M.M.	J. A. W.	A+P585259807
34	3-7-02	7731.3	23649	1669	1502	C/W Engine Serviceability Insp. IAW Honeywell T53 M.M.	J. A. W.	A+P585259807
35	3/17/02	7779.6	23886	1685	1518	C/W Comp Wash IAW Allied Signal / Honeywell mm.	J. Mag	A+P 537744679
36	3/25/02	7800.7	24200	1674	1528	C/W Comp Wash I/A/W Allied Signal / Honeywell mm.	J. Mag	A+P 537744679
37	3/25/02	7854.2	24365	1699	1533	Performed engine serviceability inspection I/A/W Honeywell mm.	J. Mag	A+P 537744679
38	3-31-02	7985	24513	1714	1548	C/W Comp Wash IAW Allied Signal / Honeywell T53 M.M.	J. A. W.	A+P585259807
39	5-29-02	8015	25542	1797	1604	C/W Comp Wash I.A.W. Honeywell MAINT. MANUAL	J. A. W.	A+P587065611 A.
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46	7-17-02	8245.9	26328	2098	1765	REMOVED EXHAUST MANIFOLD 94-0024. LOSS OF TORQUE DURING START TO THE		
47						XTM, DRIVE SHAFT WOULD STOP ROTATING DURING START SEQUENCE @ APPROX		
48						20 TO 25% N1. THEN RE-ENGAGE @ APPROX 35% N1, SUSPECT NO FAILURE.	J. A. W.	
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52	9/3/02	8564.6	27513	2375	1811	C/W 1. M.M. Zone TWO AND HONEYWELL SERVICEABILITY CHECK	J. A. W.	
53	9/3/02	8564.6	27513	2375	1811	C/W COMP WASH I/A/W HONEYWELL MAINT. MAN.	J. A. W.	A+P585831340
54	9/9/02	8612.3	27967	2410	1822	C/W 100 HR SERV. INSP. I/A/W HONEYWELL MAINT. MAN.	J. A. W.	A+P585831340
55	9/10/02	8612.3	27967	2410	1822	C/W COMP WASH I/A/W HONEYWELL MAINT. MAN.	J. A. W.	A+P585831340
	9-21-02	8655.2	28222	2453	1843	LEFT REAR MOUNT CRACKED, ENGINE JETS 2 QTS oil IN 5 FLT. HES.	J. A. W.	

CAPPSCO International Corporation
805 S Park Ave.
Tucson, AZ 85719 United States of America



Phone (520) 903-0822
Fax (520) 903-0823

ENGINE TEST CELL

FINAL RUN

W/O NUMBER: 2428

ENGINE MODEL: T5317A-1

ENGINE S/N: LE-07527X

DATE: Tuesday, June 09, 2015

ENGINE LOG SHEET RATING STATEMENT

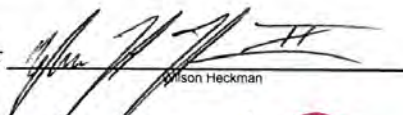
This engine will produce 100% rated power at 98.8 % N1 speed with a
E.G.T. of 1099 °F. Under standard day sea level conditions at 875 ft./lb. of
torque vs. 47.6 P.S.I torquemeter pressure.

POWER LEVEL	$\frac{N1}{\sqrt{\theta}}$	$\frac{SHP}{\delta \delta 0.587}$	$\frac{Wf}{\delta \delta 0.712}$	SFC	$\frac{T19}{\theta}$
(T.O.)	98.4	1470	872	0.593	1092

CAPPSCO INTERNATIONAL CORPORATION

F.A.A. REPAIR STATION NO. X02R0270

Operator


Wilson Heckman

Inspector


Richard P. Chapman



CAPPSCO INTERNATIONAL
CORPORATION

805 S PARK AVE
TUCSON, AZ 85719



Engine Model	T5317A-1		Test Stand Number	CAP1	
Engine Serial Number	LE-07527X		Test Stand Type	WATERBRAKE	
Workorder Number	2428		Test Spec	HONEYWELL 330.3	
Date of Test	Tuesday, May 05, 2015		Bellmouth Area	94.826	
Customer	Swanson Group		Test Operator	Wilson Heckman	
Time Since Overhaul	1138.8		Test Assistant	Gary Ealy	
Time Since New	17501.4				
Test Type	Repair				
TA7 Fuel Control	TRUE				

Overspeed Gov. P/N	1-160-850-25				
S/N	692AM12862				
Part List No.	112980A1				

FCU Manufacturer	Chandler Evans				
Model	TA-7				
P/N	1-170-780-01				
Part List No.	100770A5				
S/N	682AS5470				

	G.F.A	S/N
1st Stage Nozzle	EFA 10.0	TM57-118
2nd Stage Nozzle	EFA 18.61	OK1192
3rd Stage Nozzle	32.45	261C
4th Stage Nozzle	EFA 49.18	HA-104

Cust Oil Spec	MIL-L-23699
Fuel Grade	JET A
Cust Fuel Spec	ASTM D1855
Flow Meter No.	84016876
Fuel SG	0.804
SG Temp (deg F)	77

S/N LE-07527X ENGINE MAINTENANCE RECORD

DATE	ENGINE TIME	CYCLES	MAINTENANCE CONDUCTED	REPLACEMENT PARTS	INITIALS
Dec. 10, 2012	TSN:	16362.6	Engine has been Inspected, Overhauled and Functionally Tested IAW	"See Attached Sheet"	GIC 4 25
	TSO:	0.0	Honeywell OH Manual 330.3 Rev. 4, Dated Nov. 30, 2007 and Honey-		
	LCF1:	80547	well Repair Manual 72-09-30 Rev. 3, Dated Nov. 30, 2009. Engine is		
	LCF2:	6940	found to be in Airworthy Condition and is Approved for Return to		
	LCF3:	5171	Service. See Airworthiness Directive (A.D.) and Service Bulletin (S.B.)		
			compliance records in back of this logbook. All work performed is on		
			file at FAA-CRS# X02R0270 under Work Order# 2167.		
			<i>Richard P. Malin</i>		
			Cappsco International Corp. 805 S. Park Ave. Tucson, AZ. 85719		
10-28-13	TSN:	16730.5	ENGINE IS BLOWING 1/2 QT. OF MOBILE JET II OIL	1-300-173-03 SEAL NE 140'	GIC 4 25
	TSO:	367.9	OUT OF N1 GEARBOX BREATHER PORT PER HOUR.	1-300-233-04 SEAL NE 140'	
	LCF1:	81,752	REPLACE #2 FWD. + AFT. SEALS, REPLACED SEAL	1-300-616-01 SEAL NE 140'	
	LCF2:	7,157	UNDER AIR/OIL SEPERATOR GEAR AND PERFORMED		
	LCF3:	6,360	LEAKCHECK AND VIBRATION CHECK IN		
			ACCORDANCE WITH HONEYWELL 330.2 REV. 6 MANUAL		
			AND THIS ENGINE IS FOUND TO BE IN AIRWORTHY		
			CONDITION AND IS APPROVED FOR RETURN TO		
			SERVICE. ALL WORK PERFORMED IS ON FILE AT		
			FAA-CRS# X02R0270 UNDER WORKORDER# 2342.		
			CAPSCO INTERNATIONAL CORP. <i>Richard P. Malin</i>		
			805 S. PARK AVE.		
			TUCSON, AZ 85719		



CAPPSCO INTERNATIONAL CORP.



FAA Repair Station #X02R0270

Engine Material Usage Sheet

W.O.# 2250 Customer: Swanson Group Aviation LLC. Eng. S/N : LE-07527X Date: 12/10/12
Eng. TSN: 16362.6 Eng. TSO: 0.0

Part Number	Description	Serial Number	Qty.	Cnd.	Remarks
1-060-121-03	Cylinder, Torquemeter	None	1	OH	
1-060-220-03	Housing, Inlet Air	A3495	1	OH	
1-060-167-01	Bushing, VIGV	None	18	NE	
1-060-167-02	Bushing, VIGV	None	18	NE	
1-060-260-07	Vane, VIGV	None	1	OH	
1-100-361-06	Blade, 1st Stage	None	31	NE	
1-100-454-06	Insert, 2nd Stage	None	1	NE	
1-100-454-10	Insert, 1st Stage	None	1	NE	
1-101-020-01	Stator, 3rd Stage	E308	1	NE	
1-101-030-01	Stator, 4th Stage	J720	1	NE	
1-101-250-04	Disc, Compressor	M270122	1	OH	
1-100-148-01	Washer	None	28	NE	
1-300-585-03	Seal, #1 Main	None	1	NE	
1-300-588-02	Faceplate, #1 Seal	None	1	NE	
1-300-663-01AL	Bearing, #1	TA53-0510620	1	NE	FAA-PMA
1-300-173-04	Seal, #2 Fwd.	None	1	NE	
1-100-146-04	Oil Ring, #2 Fwd.	None	1	NE	
1-300-616-01	Seal, #2 Aft.	None	1	NE	
1-103-047-01	Oil Ring, #2 Aft.	None	1	NE	T53-0113
1-300-665-01AL	Bearing, #2	TA54-0510497	1	NE	FAA-PMA
1-110-470-13	Housing, #2 Bearing	10-162545-00004	1	NE	
1-110-181-10	Plate, #2 Bearing Pinch	None	1	OH	
1-110-500R12	Deflector, Air	0M-076	1	OH	T53-0160
1-110-710-06AL	Nozzle, #1 G.P.	TM57-132	1	NE	FAA-PMA
1-100-362-08	Blade, #1 G.P.	None	66	NE	
1-100-890-07	Retainer, #1 G.P. Blade	None	1	NE	T53-0113
1-100-398-01	Spacer, G.P.	050335705608	1	NE	T53-0113
1-120-050-06	Nozzle, #2 G.P.	1D-1078	1	OH	T53-0131
1-100-379-01	Sealing Disc, #2 G.P.	080335702924	1	NE	T53-0113
1-100-397-01	Disc, #2 G.P.	08-168522-07325	1	NE	T53-0113
1-120-031-01	Ring, G.P.	None	1	OH	
1-120-032-01	Cylinder, #2 G.P.	WA1481	1	OH	
1-120-035-02	Ring, Sealing	None	1	NE	
1-120-038-02	Spring, G.P.	None	2	NE	
1-300-487-05	Ring, Sealing	None	2	NE	
1-100-292-02	Tie Bolt, G.P.	None	6	NE	
1-100-293-01	Nut, G.P. Tie Bolt	None	6	NE	



CAPPSCO INTERNATIONAL CORP.



FAA Repair Station #X02R0270

MS9705-11	Bolt, G.P. Cylinder	None	20	NE	
1-130-610-05	Housing, Combustion	0M-034	1	OH	T53-0144
1-130-780-03	Liner, Combustor	7G-003	1	OH	
1-130-278-01	Spring, Comb. Liner	None	6	NE	
1-130-245-01	Bolt, P.T.	None	22	NE	
1-140-168-03	Tie Bolt, P.T.	None	6	NE	
1-190-044-01	Disc, #1 P.T.	08-168522-06383	1	NE	T53-0113
1-140-470R12	Nozzle, #2 P.T.	HA-104	1	OH	T53-0130
1-140-590R10	Housing, 3&4 Bearing	10801-A	1	OH	T53-0158
1-140-067-16	Bolt, Powershaft	10-162545-00016	1	NE	T5317-026
1-150-240-06	Diffuser, Exhaust	83D-043	1	OH	
1-140-640-03	Cover, Rear Bearing	None	1	OH	
1-300-665-01AL	Bearing, #3	TA54-0510496	1	NE	FAA-PMA
1-300-663-01AL	Bearing, #4	TA53-0510622	1	NE	FAA-PMA
1-300-662-01	Seal, #3	None	1	NE	T53-0094
1-140-268-01	Oil Ring, #3 Seal	None	1	NE	
1-170-780-01	Fuel Control Unit	682AS5470	1	OH	T53-0096
1-300-664-01AL	Bearing, #21 Powershaft	TAE8-121	1	NE	FAA-PMA
1-300-334-04	Seal, Output	None	1	NE	
1-030-067-02AL	Faceplate, #1 Seal	7548871	1	NE	FAA-PMA
1-030-191-14	Gear, Output	108	1	NE	FAA-PMA
1-030-193-05	Gear, Planetary	SG6-057C	1	NE	FAA-PMA
1-030-193-05	Gear, Planetary	SG27-056A	1	NE	FAA-PMA
1-030-193-05	Gear, Planetary	SG27-060B	1	NE	FAA-PMA
1-030-340-04	Carrier Assy, Output	1A-095	1	OH	
1-300-666-01AL	Bearing, OGB	TA37-0510277	1	NE	T53-0120
1-300-666-01AL	Bearing, OGB	TA37-0510278	1	NE	T53-0120
1-300-666-01AL	Bearing, OGB	TA37-0510279	1	NE	T53-0120
1-300-667-01AL	Bearing, OGB	TA39-0510382	1	NE	T53-0120
1-300-667-01AL	Bearing, OGB	TA39-0510383	1	NE	T53-0120
1-300-667-01AL	Bearing, OGB	TA39-0510384	1	NE	T53-0120
1-300-669-02AL	Bearing, OGB	TA40-0510137	1	NE	T53-0120
1-300-682-01AL	Bearing, OGB	TA38-0510134	1	NE	T53-0120
1-070-210-01	Housing, Accy. Carrier	NA	1	NE	T53-0110
1-300-658-02AL	Bearing, Duplex	TA52-0510045	1	NE	T53-0110
1-300-672-01	Bearing, Duplex	071409502991	1	NE	T53-0110
1-080-270-04	Gear, FCU Drive	P4386	1	OH	
1-080-310-01	Gear, Zerol	110137421620	1	NE	
1-300-002-02	Bearing	NA	1	NE	
2-300-941-02	Bearing	NA	8	NE	
1-300-004-05	Bearing	NA	5	NE	
2-300-933-03	Bearing	NA	3	NE	

6.Item	7. Description	8. part number	9. Eligibility	10. quantity	11. Serial/Batch Number	12. Status /Work
001	PTO cover	1-060-112-03	N/A	01	N/A	INSPECT
002	Oil transfer support outer housing	1-030-213-01	N/A	01	8112-07	INSPECT
003	oil trans support inner sleeve	1-030-214-01	N/A	01	187	INSPECT
004	Impeller housing	1-101-370-03	N/A	01	B092	INSPECT
005	Impeller hsg	1-100-078-13	N/A	01	071365100939	INSPECT
006	VIGV fairing fwd outer	1-060-088-03	N/A	01	68335	INSPECT
007	Unison ring	1-060-093-03	N/A	01	442	INSPECT
008	VIGV pfw fairing inner	1-060-091-04	N/A	01	8H-108	INSPECT
009	VIGV rear fairing inner	1-060-092-03	N/A	01	8H-108	INSPECT
010	VIGV Vanes	1-060-260-07	N/A	18	N/A	INSPECT
011	Rear comp shaft	1-100-501-01	N/A	01	9K-002	INSPECT
012	1st stg stator	1-101-110-07	N/A	01	783	INSPECT
013	2nd stg stator	1-101-120-03	N/A	01	C799	INSPECT
014	3rd stg stator	1-101-020-01	N/A	01	E491	INSPECT
015	4th stg stator	1-101-030-01	N/A	01	980178945	INSPECT
016	5th stg stator	1-101-040-01	N/A	01	M211	INSPECT
017	Ft comp shaft	1-100-405-07	N/A	01	M-390633	INSPECT
018	Ft comp shaft bolts	1-100-506-03	N/A	10	N/A	INSPECT
019	imp rear comp shaft bolts	1-100-502-02	N/A	28	N/A	INSPECT
020	Rear cover	1-140-640-03	N/A	01	1504-2	INSPECT
021	1st stg comp blades	1-100-361-06	N/A	31	N/A	INSPECT
022	2nd stg comp blades	1-100-286-09	N/A	34	N/A	INSPECT
023	3rd stg comp blades	1-100-383-05	N/A	34	N/A	INSPECT
024	RTH stg comp blades	1-100-384-05	N/A	36	N/A	INSPECT
025	5th stg comp blades	1-100-385-05	N/A	38	N/A	INSPECT
026	Air diffuser	1-110-230-15	N/A	01	87E036	INSPECT
027	2nd stage gp blades	1-100-118-07	N/A	66	N/A	INSPECT
028	VIGV fairing assy	1-060-310-01	N/A	01	N/A	INSPECT
029	VIGV Rod	1-060-300-03	N/A	01	621	INSPECT
030	PT sealing flange	1-190-016-01	N/A	01	5161	INSPECT
031	1st gp spacer ring	1-100-559-01	N/A	01	913476GC-04	INSPECT
032	PT spacer	1-140-169-04	N/A	01	002518010023	INSPECT
033	1st gp rotor	1-100-389-01	N/A	01	50335700812	INSPECT
034	1st gp sealing disc	1-100-545-03	N/A	01	PT-2002-17	INSPECT
035	2nd pt rotor	1-140-272-04	N/A	01	4916	INSPECT
036	2nd pt blades	1-140-273-01	N/A	31	N/A	INSPECT

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[illegible]

Airworthiness Approval Tag **User/Installer Responsibilities**

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer 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 parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 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.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

CERTIFICATE

[illegible]

Airworthiness Approval Tag
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S/N LE-07527X Major Engine Component Record

Component	Part No.	Installation		Removal		Component	Reason For Removal	Initials
		Component	Engine	Component	Engine	Total		
		Time	Time	Time	Time	Time		
		Hours	Hours	Hours	Hours	Hours		
Component	Serial No.	Cycles	Cycles	Cycles	Cycles	Cycles	Reason For Removal	Initials
Spacer	1-140-169-04	5188.5	16362.6					
P.T. Rotor	002518010032	2448	5171					
Second Stage	1-140-272-04	3625.9	16362.6	6615.7	19,352.4	6615.7	Low cycles remaining	EIC 12/1/12
P.T. Disc	4916	3526	5171	6502.9		6502.9		
#1 Main	1-300-663-01AL	0.0	16362.6	1473.5	17,836.1	1473.5	FAILED INSP./CAGE RUB	PTPhx Accept 3
Bearing	TA53-0510620	NA	NA	N/A	N/A	N/A		
#2 Main	1-300-665-01AL	0.0	16362.6	1473.5	17,836.1	1473.5	FAILED INSP./DISCOLORED	PTPhx Accept 3
Bearing	TA54-0510497	NA	NA	N/A	N/A	N/A	OVER TEMP	
#3 Main	1-300-665-01AL	0.0	16362.6	1473.5	17,836.1	1473.5	FAILED INSP./CAGE RUB	PTPhx Accept 3
Bearing	TA54-0510496	NA	NA	N/A	N/A	N/A		
#4 Main	1-300-663-01AL	0.0	16362.6	1473.5	17,836.1	1473.5	FAILED INSP./TEMP. DISCOLOR	PTPhx Accept 3
Bearing	TA53-0510622	NA	NA	N/A	N/A	N/A		
Powershaft	1-300-664-01AL	0.0	16362.6	1,138.8	17,501.4	1,138.8	SCORED ROLLERS	EIC 12/1/12
Bearing	TAE8-121	NA	NA					
Main Fuel	1-170-780-01	TSO: 0.0	16362.6					
Regulator	682AS5470	NA	NA					
Overspeed	1-160-850-25	TSO: 0.0	16362.6					
Governor	692AM12862	NA	NA					
1st. G.P	1-100-545-03	0.0	17,501.4	855.5	18,356.9	855.5	LABRINTH SEAL O.P. MEASURED	PTPhx Accept 3
SEALING DISC	DTG-0187	0.0	85,145	2874	88,019	2874	BELOW MIN.	
#21 POWERSHAFT	1-300-664-01AL	0.0	17,501.4	855.5	18,356.9	855.5	ENGINE OIL CONTAMINATION	PTPhx Accept 3
BEARING	TAE8-190							

The total operating hours and cycles on the components listed above are hereby certified to be true and correct.

Organization: Cappsco International Corp.

Date: Dec 10, 2012

Signature and Title: Richard E. Arnold, Inspector

S/N LE-07527X Major Engine Component Record

	Part No.	Installation		Removal		Component	Reason For Removal	Initials
		Component	Engine	Component	Engine	Total		
		Time	Time	Time	Time	Time		
Component	Serial No.	Hours	Hours	Hours	Hours	Hours		
Compressor	1-100-495-07	12259.5	16362.6					
Front Shaft	M390633	6940	6940					
Compressor	1-101-250-04	3875.1	16362.6					
Rotor Hub	M270122	3876.6	6940					
Centrifugal	1-100-078-13	2205.9	16362.6					
Impeller	071365100939	1710	6940					
Compressor	1-100-501-01	17034.5	16362.6					
Rear Shaft	9K002	13715	6940					
Powershaft	1-100-800-04	4683.6	16362.6	7673.4	19352.4	7673.4	wear from Exhaust	CIC 3/2 INS
	030473300066	3762	5171	6639.0		6639	Diffuser failure	
First Stage	1-100-389-01	3541.9	16362.6					
G.P. Disc	050335700812	17480	80547					
First Stage	1-100-545-03	1731.3	16362.6	2870.1	17501.4	2870.1	SB T53-0020 R8	CIC 4 INS
G.P. Sealing Disc	DT2002-17	7665	80547	12,263	85,145	12,263	HIGH CYCLES	
Spacer	1-100-398-01	0.0	16362.6					
G.P. Rotor	050335705608	0.0	80547					
Second Stage	1-100-379-01	0.0	16362.6					
G.P. Sealing Disc	080335702924	0.0	80547					
Second Stage	1-100-397-01	0.0	16362.6					
G.P. Disc	08-168522-07325	0.0	80547					
Ring	1-100-559-01	8532.2	16362.6					
G.P. Rotor	913476C-04	48356	80547					
First Stage	1-190-044-01	0.0	16362.6					
P.T. Disc	08-168522-06383	0.0	5171					

The total operating hours and cycles on the components listed above are hereby certified to be true and correct.

Organization: Cappsco International Corp.

Date: Dec 10, 2012

Signature and Title: Richard E. Arndt, Inspector



2146122

S/N LE-07527X Major Engine Component Record

	Part No.	Installation		Removal		Component	Reason For Removal	Initials
		Component	Engine	Component	Engine	Total		
		Time	Time	Time	Time	Time		
		Hours	Hours	Hours	Hours	Hours		
Component	Serial No.	Cycles	Cycles	Cycles	Cycles	Cycles		
Spacer	1-140-169-04	2,982.6	14,156.7	5188.5	16362.6		OVERHAUL	CIC & NSP
P.T. Rotor	002518010032	1,052	3,775	2448	5171			
Second Stage	1-140-272-04	1,420.0	14,156.7	3625.9	16362.6		OVERHAUL	CIC & NSP
P.T. Disc	4916	2,130	3,775	3526	5171			
#1 Main	1-300-663-01	2477.7	14,156.7	4683.6	16362.6		OVERHAUL	CIC & NSP
Bearing	041991413841	N/A	N/A	NA	NA			
#2 Main	1-300-665-01	2477.7	14,156.7	4683.6	16362.6		OVERHAUL	CIC & NSP
Bearing	041991415119	N/A	N/A	NA	NA			
#3 Main	1-300-665-01	2477.7	14,156.7	4683.6	16362.6		OVERHAUL	CIC & NSP
Bearing	041991415120	N/A	N/A	NA	NA			
#4 Main	1-300-663-01	2477.7	14,156.7	4683.6	16362.6		OVERHAUL	CIC & NSP
Bearing	041991413844	N/A	N/A	NA	NA			
Powershaft	1-300-664-01	2477.7	14,156.7	4683.6	16362.6		OVERHAUL	CIC & NSP
Bearing	10410	N/A	N/A	NA	NA			
Main Fuel	1-170-240-93	TSO: 373.9	14,156.7	4683.6	16362.6		THIS S/N NOT FOUND ON	CIC & NSP
Regulator	9ADS1675	N/A	N/A	NA	NA		THIS ENGINE: JAN. 25, 2012	
Overspeed	1-160-850-25	TSO: 656.2	14,156.7	4683.6	16362.6		OVERHAUL	CIC & NSP
Governor	662AM4558	N/A	N/A	NA	NA			
SPACER G.P.	1-100-546-02	0.0	14,156.7	2205.9	16362.6		OVERHAUL	CIC & NSP
	5879	0.0	69201	10846	80547			
1st. STAGE	1-100-389-01	3052.2	15,872.9	3541.9	16362.6		OVERHAUL	CIC & NSP
GP DISC	050335700812	15044	78,111	17480	80547			
1st. STAGE	1-100-545-03	1241.6	15,872.9	1731.3	16362.6		OVERHAUL	CIC & NSP
GP SEALING DISC.	DT-2002-17	5229	78,111	7665	80547			

The total operating hours and cycles on the components listed above are hereby certified to be true and correct.

Date: January 17, 2008

Organization: Cappsco International Corp.

Signature and Title: Richard E. McMillan, Inspector

S/N LE-07527X Major Engine Component Record

[illegible]

The total operating hours and cycles on the components listed above are hereby certified to be true and correct.

Organization: Cappsco International Corp.

Signature and Title: _____, Inspector

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NOMENCLATURE Comp Rotor Front ShaftPART NUMBER 1-100-495-07

MODULE COMPONENT SERVICE RECORD

SERIAL NUMBER M390633Page 1 of 1

	DATE	COMPONENT OPERATING TIME				MAINTENANCE/REMARKS	SIGNATURE	LICENSE NUMBER
		SINCE NEW		SINCE OV'HL				
		HOURS	CYCLES	HOURS	CYCLES			
1		0.00	0:00					
2	9/30/97	0.0	0	NIP	NIP	S.B0032, Intro of new blade retaining Pins, 9/w	B. J. W. De	Eagle 6-81 4
3								
4	10/12/01	2987.6	1430.0	0	0	Overhauled and Reinstalled In 1E-C7527X @ 7090.8 Eng Tsn	MCT QA 1	MCW242K
5	5/09/05	7575.9	3948	Ø	Ø	OVERHAULED, INSTALLED NEW BLADES, TIP GRIND, BALANCED AND	REI	X02R0270
6						REINSTALLED 1/A/W HONEYWELL 330.3 MANUAL.		
7	12/10/12	12259.5	6940	Ø	Ø	OVERHAULED AND REINSTALLED IN 1E-C7527X @ 16362.6 ENG. TSN.	REI	X02R0270
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MODULE/COMPONENT RECORD CARD

DESCRIPTION	Sub-Assembly, Compressor
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REMOVED FROM:

PART NUMBER 1-101-250-04

SERIAL NO. M270122

ENGINE S/N LE-07707

PART TIME SINCE NEW TSN: 3875.1 / TCY: 3876.6

NOTE: RETURN THIS CARD WITH MODULES OR COMPONENTS

[illegible]

The total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

Date: Dec 10, 2012

Organization: CAPPSCO INTERNATIONAL CORP

Signature & Title Richard P. Arnold , Inspector

LIFE LIMITED PART LOG

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

PX-3107-76C

NOMENCLATURE COMP. REAR SHAFT

PART NUMBER 1-100-501-01

MODULE COMPONENT SERVICE RECORD

SERIAL NUMBER 9K002

Page 1 of 1

	DATE	COMPONENT OPERATING TIME				MAINTENANCE/REMARKS	SIGNATURE	LICENSE NUMBER
		SINCE NEW		SINCE OV'HL				
		HOURS	CYCLES	HOURS	CYCLES			
1	11-11-97	4775	6775	Ø	Ø	NEW FORM INITIATED DUE TO NEW FORMAT	<i>John Evans</i>	FB72404N
2	10/12/0	7762.6	8205.0	0	0	OVERHAULED AND REINSTALLED @ 7090.8 Eng Tsn	MCT	MCW2362K
3	5/09/05	12,350.9	10,723	Ø	Ø	OVERHAULED I/A/W HONEYWELL 330.3 + REINSTALLED.	QA-1 <i>RCB</i>	X02R0270
4	12/10/12	17034.5	13,715	Ø	Ø	OVERHAULED AND REINSTALLED IN LE-07527X @ 16362.6 ENG. TSN	<i>RCB</i>	X02R0270
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REMOVED FROM
ENGINE S/N: _____

[illegible]

The total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

PART NUMBER 1-101-610-01

PART NUMBER 1-100-389-01

SERIAL NUMBER 050335700812

SIGNATURE OR ACCEPTANCE STAMP: INSP STAMP # A-075

[illegible]

PX-3107-76C



MODULE-COMPONENT RECORD CARD

DESCRIPTION

SEALING DISC, 1ST GP

PART NUMBER

1-100-399-01

SERIAL NO.

17-168522-02485

REMOVED FROM
ENGINE S/N: _____

PART TIME SINCE NEW

0.0

NOTE: RETURN THIS CARD WITH MODULES OR COMPONENTS

MAINTENANCE PERFORMED	PARTS REPLACED	HOURS / CYCLES	REMARKS	STAMP OR INITIALS
May 29, 2018 Assembled, Balanced and Installed in Engine S/N LE-07527X at engine TSN: 18,356.9, Ref. Honeywell MM 330.2 Rev 6 and Honeywell RM 72-09-30 Rev 3.	N/A	TSN: 0.0 CSN: 0 TSO: N/A	All pertinent details of the work performed are on file at this repair station under work order M1R1052. Prime Turbines, LLC 3130 N. Oakland Mesa, AZ 85215	PTPhx Accept 3

The total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

Date: 5/29/18

Organization

PRIME TURBINES LLC

Signature & title

Inspector

LIFE LIMITED PART LOG

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

PX-3107-76C

Honeywell[illegible]

PX-3107-76C
YQML FRMQM00004

Honeywell

LIFE LIMITED PART LOG

ASSEMBLY NAME: ROTOR ASSEMBLY, #2 G.P.

PART NUMBER: 1-101-640-01

SERIAL NUMBER:

LIFE LIMITED PART NAME: DISK, SECOND STAGE GAS PRODUCER (MACHIN

PART NUMBER: 1-100-397-01

SERIAL NUMBER: 08-168522-07325

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP: A-420

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43

PX-3107-76C
YQML FRMQM00004

SERIAL NUMBER 9134760-04

ENGINE S/N LE81010

PAGE OF

NOTE: RETURN THIS CARD WITH MODULES OR COMPONENTS

RSA 921 Rev. 10/95

MODULE/COMPONENT RECORD CARD

DESCRIPTION

P.T. SPACER

PART NUMBER

1-140-169-04

SERIAL NO.

002518010032

REMOVED FROM:

ENGINE S/N

PART TIME SINCE NEW

0.0

NOTE: RETURN THIS CARD WITH MODULES OR COMPONENTS

MAINTENANCE PERFORMED	PARTS REPLACED	HOURS/CYCLES	REMARKS	INITIALS
INSPECTED AND BALANCED IAW HONEYWELL 330.3 O/H MANUAL.	N/A	0.0/0.0 2-14-05	INSTALLED IN T5317A-1, S/N LE-81010 @ ENGINE TSN: 3343.7 HOURS	<i>[Signature]</i>
<i>REMOVED AND INSPECTED</i>	<i>N/A</i>	<i>1824.4 HR 64 CY</i>	<i>INSTALLED LE 81016 8-2-06 TSN 8705.4</i>	<i>[Signature]</i>
BALANCED AND INSTALLED IAW HONEYWELL MAINT. MANUAL 330.2 REV. 5, AUG. 01, 2005.	N/A	2,982.6/1,052 1-17-08	INSTALLED IN LE-07527X @ ENGINE TSN: 14,156.7 HRS.	<i>[Signature]</i> <i>[Stamp]</i>
OVERHAULED PER HONEYWELL OH MANUAL 330.3 REV. 4, DATED NOV. 30, 2007.	NA	5188.5/2448 12-10-12	INSTALLED IN T5317A-1 S/N LE-07527X @ ENGINE TSN: 16,362.6 HOURS. X02R0270 W.O. #2250	<i>[Signature]</i> <i>[Stamp]</i>

The total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

Date: 02-14-05

Organization:

CAPPSCO INTERNATIONAL CORP

Signature & Title



INSPECTOR

MODULE/COMPONENT RECORD CARD

DESCRIPTION	DISC, SECOND STAGE P.T.
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PART NUMBER: 1-140-272-04 **SERIAL NO.** M289155

REMOVED FROM
ENGINE S/N: LE-07105

PART TIME SINCE NEW: 5282

NOTE: RETURN THIS CARD WITH MODULES OR COMPONENTS

[illegible]

The total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

AN EAGLE PARTNER

COMPONENT: Fuel Control Unit

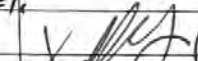
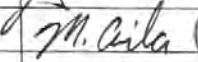
S/N: 4ADS0011

P/N: 1-170-780-01

COMPONENT HISTORICAL RECORD

[illegible]

MAINTENANCE AND OVERHAUL RECORD

DATE	(ACTIVITY) WORK DONE	W/O #	TSN	TSO	REMARKS	SIGNATURE
08/07/2019	Overhauled	E1302-1	UNK	0	Overhauled IAW Triumph CMM 73-20-03 Rev.14, T/R No. 73-5R1, by Ozark Aeroworks under W/O# E1302-1	 
18/Jun/2021	Tested	F1534	UNK	0	Tested IAW Triumph CMM 73-20-03 Rev.14, T/R No 73-5R1, Work was accomplished by Ozark Aeroworks, CRS # YGIR979K under W/O # F1534.	 
2/20/2025	AD 2006-11-16	R3477C	UNK	605.3	Spline Insp. (SB 0138R1)	 

Form number: Q.F. 4.1.526 (REV 05/98)

Component Serv

COLUMBIA BASIN HELICOPTERS, INC.
14178 BEN DIRE LANE
BAKER CITY, OR 97814
(541) 523-7388

SERVICEABLE

DESCRIPTION

MFG Chs

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OWNER

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FAA APPROVED REPAIR STATION NTWR993G

MODULE/COMPONENT RECORD CARD

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REMOVED FROM:

PART NUMBER	1-160-850-25	SERIAL NO.	662AM4558	ENGINE S/N
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PART TIME SINCE NEW TSN: UNK / TSO: 0.0

NOTE: RETURN THIS CARD WITH MODULES OR COMPONENTS

[illegible]

The total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

Date: 08-01-12

Organization: CAPPSCO INTERNATIONAL CORP

Signature & Title Richard P. Anderson  , Inspector

Airworthiness Approval Tag User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer 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 parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 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.



The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

Component Service Card

[illegible]

SERVICEABLE

Part Name: PT Governor driveshaft
Part No. 1-160-444-01-7
Alternate PN: 2/A
S/N: N/A

Alternate P/N: S/N:

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Glendale Valley Rd

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303 Mehlwood Lane. • Glendale, OR 97442
Telephone: (541) 832-1259

PART NUMBER

E REMARKS

Your signature or stamp signifies that the total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

ENGINE S/N: LE-07527X

Major Engine Component Record

COMPONENT	PART NO. SERIAL NO	INSTALLATION		REMOVAL		COMPONENT TOTAL TIME HOURS CYCLES	REASON FOR REMOVAL	STAMP OR INITIALS
		COMPONENT TIME HOURS CYCLES	ENGINE TIME HOURS CYCLES	COMPONENT TIME HOURS CYCLES	ENGINE TIME HOURS CYCLES			
BEARING, MAIN NUMBER ONE	1-300-663-01	0.0	17,836.1	520.8	18,356.9	520.8	ENGINE OIL CONTAMINATION	PTPhx Accept 3
	16-151725-02060							
BEARING, MAIN NUMBER TWO	1-300-665-01	0.0	17,836.1	520.8	18,356.9	520.8	BEARING FAILURE DUE TO OIL STARVATION ON TEST CELL.	PTPhx Accept 3
	14-162255-30562							
BEARING, MAIN NUMBER THREE	1-300-665-01	0.0	17,836.1	520.8	18,356.9	520.8	ENGINE OIL CONTAMINATION	PTPhx Accept 3
	16-162255-11595							
BEARING, MAIN NUMBER FOUR	1-300-663-01	0.0	17,836.1	520.8	18,356.9	520.8	ENGINE OIL CONTAMINATION	PTPhx Accept 3
	16-151725-01448							
BEARING, MAIN NUMBER ONE	1-300-663-01	0.0	18,356.9					
	18-151725-01697	---						
BEARING, MAIN NUMBER TWO	1-300-665-01	0.0	18,356.9					
	18-162255-03516	---						
BEARING, MAIN NUMBER THREE	1-300-665-01	0.0	18,356.9					
	18-162255-03521	---						
BEARING, MAIN NUMBER FOUR	1-300-663-01	0.0	18,356.9					
	18-151725-01708	---						
POWER SHAFT BEARING	1-300-664-01	0.0	18,356.9					
	17-162370-02126	---						
SEALING DISC FIRST G.P.	1-100-399-01	0.0	18,356.9					
	17-168522-02485	0						

The total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

Date 9/2/16

Organization PRIME TURBINES, LLC



Honeywell

MAINTENANCE MANUAL

T5313B, T5317A, T5317A-1, T5317B, T5317BCV

TURBOSHAFT ENGINE VIBRATION TEST DATA SHEET

ENGINE SERIAL NO. LE-07527X (TSN) _____
 LAST OVERHAUL LOCATION _____ (TSLO) _____
 AIRCRAFT SERIAL NO. A94-0024 A/C TIME 21,671.9
 TEST LOCATION Hood River DATE 13 MAY 2012
 TESTED BY _____ OBSERVER Matthew Ulvenes
 ENGINE PASSED TEST-ACCEPTED ☒ ENGINE FAILED TEST ☐

NOTE: THE FIGURES GIVEN IN PARENTHESES
 ARE MAXIMUM PERMISSIBLE VIBRATION.

N ₂ SPEED IN PERCENT (±0.5%)	N ₁ SPEED IN PERCENT (±0.5%)	NO.1 PICKUP S/N _____ (200 CPS FILTER) IPS AVERAGE	NO.2 PICKUP S/N _____ (200 CPS FILTER) IPS AVERAGE	NO.3 PICKUP S/N _____ (200 CPS FILTER) IPS AVERAGE	REMARKS
92	90	(1.3) .18	(1.7) .33 (1.3)*	(2.3) ⁵⁴ .42	
97	90	(1.3) .26	(1.7) .38 (1.3)*	(2.3) .34	
97	95	(1.3) .17	(1.7) .37 (1.3)*	(2.3) .52	
97	MAX.	(1.3) .19	(1.7) .39 (1.3)*	(2.3) .48	
100	90	(1.3) .27	(1.7) .41 (1.3)*	(2.3) .3	

*T5317A-1 ONLY, 1.3 IS MAXIMUM LIMIT WHEN PICKUP IS SHIFTED TEN (10) BOLT HOLES TO LEFT OF POSITION SHOWN IN FIGURE 7 INSET B. IF LIMIT IS EXCEEDED RECHECK WITH VIBRATION PICKUP AT 12 O'CLOCK POSITION USING 1.7 LIMIT.

TR114R1

Engine Vibration Test Data Sheet (Sample)
 (Inches per Second)
 Figure 8A

71-00-00

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