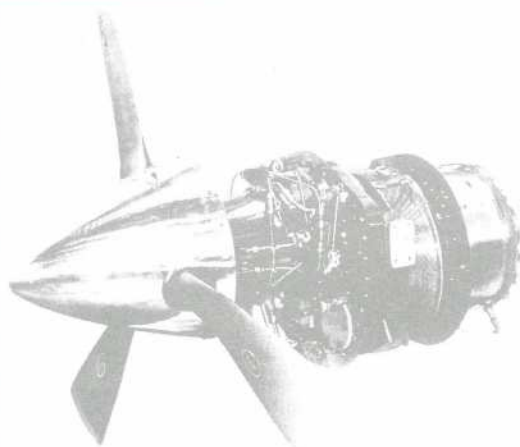
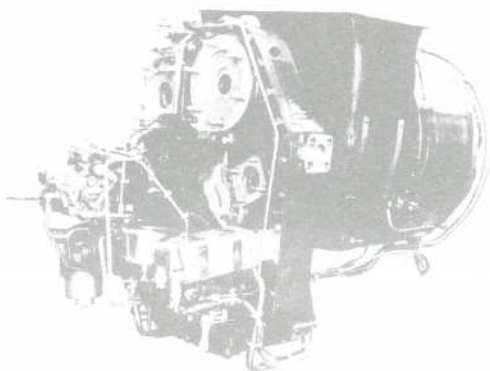




Honeywell

TURBOSHAFT / TURBOPROP

LTS 101 / LTP 101

ENGINE LOG

LTS101-700D-2

Engine Model _____

4-001-000-33

Engine PN _____

LE-46113C

Engine SN _____

This log book is furnished as a central record for your Honeywell engine.

Since the engine is a modular design, it is of maximum importance that accurate records be kept to determine maintenance actions performed and the total operating time and cycles. The log book should be attached to the engine in a protective envelope whenever the engine is removed for repair or storage.

NOTE

Refer to the Applicable Service Bulletins to determine Service Life and Overhaul Requirements of engine and components.

A. The Log Book consists of the following tabbed sections:

1. Engine, Piping & Accessories.
2. Accessory Gearbox Module.
3. Gas Producer Module.
4. Combustor/Power Turbine Module.
5. Test Data.
6. Miscellaneous Data.

B. The **Engine-Piping and Accessories Section** consists of the following:

- (1) **Operating and Maintenance Record** - This card is to be used by the operator to record operating hours, cycles and maintenance actions on the complete engine.
- (2) **Major Component Record** - Record of modules and major components to the engine which are time or cycle life limited, including accessories having an assigned Time Between Overhaul (TBO), or any other component which the operator or engine manufacturer wishes to keep a record, AlliedSignal will make the initial entries. The operator must update the record when these components are replaced.

NOTE

The Engine History, Major Component, and Operating Maintenance Records must remain in the log book at all times.

- (3) **Component Record Card** - Record of maintenance performed on all accessories having a TBO. To be updated as required and sent with the accessory when returning it for service or repair.
- (4) **Service Bulletin/Airworthiness Directive Compliance Record** - A Record of all Service Bulletins and Airworthiness Directives that have been complied with on the engine. To be completed by the operator.

C. The Module Sections consist of the following:

- (1) **Operating and Maintenance Record** - Record of the maintenance performed on a particular module. Initial entries will be made by AlliedSignal. This card must remain with the module.
- (2) **Major Component Record** - Record of those components in a module which are time or cycle limited or any other component which the operator or engine manufacturer wishes to keep a record. Initial entries will be made by AlliedSignal. This card must remain with the module.
- (3) **Component Record Card** - Record of maintenance performed on time/cycle life limited components in the module. This card must be completed by the operator and attached to time/cycle life limited components or to the module in which they are installed in a protective envelope whenever they are removed for repair or storage.
- (4) **Service Bulletin/Airworthiness Directive Compliance Record** - A Record of all Service Bulletins and Airworthiness Directives that have been complied with on the module. To be completed by the operator.

ENGINE, GAS TURBINE

MODEL

LTS 101-700D-2

F.A.A. TYPE CERT NO.

E5NE

MFR SERIAL NO.

LE-46113C

RATING SHP

T.O.

732

M.C.

650

PROD CERT NO.

PC3

MFG DATE

08/84

MIN RATING

SHP

MIN RATING

SHP

This Log Book

Has been prepared to enable the operator of Honeywell aircraft engines to maintain the engine records required by the Federal Aviation Administration. Ample space has been provided to record the total time in service on the engine, the inspection performed, and the maintenance accomplished.

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORISED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 112376	
4. Organisation Name and Address:  airwork 8NZY721C (NZ) LIMITED				5. Work Order/Contract/Invoice Number: WO-117195		
6. Item 1		7. Description: LTS101-700D2 ENGINE		8. Part Number: 4-001-000-33	9. Quantity: 1.00	10. Serial Number: LE46113C
11. Status/Work: INSPECTED						
12. Remarks: 1800 Hour Hot Section and Gearbox Inspection carried out. Engine tested for leaks, power and vibrations with reference to TI 8361 [Rev.C]. No discrepancies noted. Engine preservation was carried out. Following Service Bulletins were complied with: LT101-71-00-0001 (R18), LT101-71-00-0002 (R27), LT101-72-40-0103 (R7), LT101-72-50-0174 (R6), LT101-72-60-0211 (R4), LTS101-73-10-0240 (R1), LT101-71-00-0251 (R2), LT101-72-50-0258 (R3), LT101-71-00-0263 (R1), LT101-72-30-0273 & LT101-73-10-0278 (R2), Delta P: 6.0/15.3 PSID (39.2%). All work performed IAW LTS101-2.1 MM (Rev.18) dated 19 January 2015 and LTS101-3 OHM (R3) dated 30 July 2010. Job details held on file under Airwork [NZ] Ltd work order WO-117195. TSN: 11783.20 CSN [Ng]: 14312.20 CSN [Np]: 19434.50 PRINTED FROM ELECTRONIC FILE						
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. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation 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.: 8NZY721C
13d. Name:		13e. Date (dd/mm/yyyy):		14d. Name: B. GARNER		14e. Date (dd/mm/yyyy): 07-Feb-2019

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.

Statement 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.

1. Approving Civil Aviation Authority Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. CWR-1206	
4. Organization Name and Address Heli-Inter Inc 6500 Chemin de la Savane St-Hubert (Québec) J3Y 8Y9					5. Work Order/Contract/Invoice isc659	
6. Item 1	7. Description ENGINE TURBOSHAFT	8. Part No. 4-001-000-33	9. Qty.	10. Serial/Batch No. LE-46113C	11. Status/work MODIFIED	
12. Remarks SB LTS101-79-20-0248 R2 carried out on Engine LTS101-700D-2 S/N LE-46113C TSN: 10409.0 NG cycles: 13077.7 NP cycles: 16881.8. Engine reassembled under CWR# 659 iaw Maintenance Manual LTS101-2, 1 REV 17. Combustion liner P/N: 4-131-010-30 S/N: 05P05231 replaced status overhauled TSD: 0.0, Inspected serviceable NO3 Bearing P/N: 4-301-242-03 S/N: 0245 TSN: 5805.10 installed from Engine LE-46233C. SB 0251 R2 carried out, SB0275 found embodied on new Flexible fuel manifold. NOTE: Delta P Check result 5.6 PSI (48%) at 50 psi List of all snags and replacement parts file under CWR # 659. IMPORTANT NOTE: Airworthiness of the engine to be determined after performing: Engine vibration check, Engine power check, Delta P check and all required adjustments following engine airframe installation & retorquing 16 Flexible fuel manifold mount bolts after initial engine operation iaw SB0248 R2.						
13a. Certifies that the items identified above were manufactured in conformity to: ☐ approved design data and are in condition for safe operation. ☐ non approved design data specified in block 12.			14a. ☒ CAR 571.10 Maintenance Release ☒ 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., has been performed in compliance with the <i>Canadian Aviation Regulations</i> .			
13b. Signature N/A		13c. Approved Organization Number N/A		14b. Signature N/A		14c. Approved Organization Number 659
13d. Name N/A		13e. Date (mm/dd/yyyy) N/A		14d. Name David Gauthier DGauthier - SCA 22 HELI-INTER AMO 32-88		14e. Date (mm/dd/yyyy) 09/01/2015

(Previously form 24-0078)

Important: See notes

Installer Responsibilities

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.



ENGINE S/N: *LE-46113C*

TO BE COMPLETED AT INSTALLATION ON AIRFRAME

- | | |
|--|----------|
| 1. BLEED FUEL SYSTEM | <u>X</u> |
| 2. ADJUST ENGINE OIL OUTPUT PRESSURE | <u>X</u> |
| 3. ADJUST TORQUE TRANSMITTER | <u>X</u> |
| 4. CHECK T4 CALIBRATION | <u>X</u> |
| 5. PERFORM VIBRATION CHECK | <u>X</u> |
| 6. PERFORM POWER CHECK | <u>X</u> |
| 7. CHECK AIR FLOW FENCE MODULATOR | <u>X</u> |
| 8. OPERATIONAL CHECK OF OVERSPEED LIMITER | <u>X</u> |
| 9. GROUND RUN & LEAK CHECK | <u>X</u> |
| 10. PERFORM DELTA P CHECK AS PER LT101-71-00-0251 | |
| 11. IF APPLICABLE, COMPLETE SB 0263 PARA C 4 TO 8 & PARA. D TO M | <u>X</u> |
| 12. AFTER 1 ST GROUND RUN RETORQUE 16 BOLTS OF FUEL FLEX MANIFOLD TO 125 INCH-POUNDS AS PER SB 0248 | <u>X</u> |

COMPLETED BY: _____

DATE: _____

LIC: _____

AMO: _____

WO: _____

Engine Logbook Review - Outgoing

Engine Type:		LTS101	Serial Number:		LE46113C		Owner:		Heli-Inter Inc		Reg:		Job No.		WO-117195	
Engine Model:		700	D-2		Part Number:		4-001-000-33									
Date		In Shop?	Current Hours				Average Hrs per Month		Current Cycles		Ratio		Average Cyc / Month		TQ	
07-Feb-19		Y	11783.20				40		Gp (Ng) Pt (Np)		Gp (Ng) Pt (Np)		Gp Pt		Press	
									14312.20 19434.50		1.21 to 1 1.65 to 1		80 60		60.93	
											2. to 1 1.5 to 1				@ 561 ft lb	

Non-Lifed Components

	Part No.	Serial No.	T.B.I. T.B.O.		T.S.O. T.S.N.	Installed ON NHA @	Current Time	Comment		
Oil Pump	4-301-243-02	B-585	On Condition		0.00	6675.00	5108.20			
EOS Valve	4-301-372-01	1449	On Condition		0.00	6675.00	5108.20			
A.G.B.										
Power Pinion Gear	4-081-053-11	07-102045-01241	On Condition		0.00	10108.90	1674.30			
PTO Output Gear	4-081-360-11	NSN	On Condition		0.00	11783.20	0.00			
Torque Idler Gear	4-081-350-18	15-169034-00010	On Condition		49.41	11783.20	49.41			
#4 Bearing	4-301-306-04	08-06331-27942	On Condition		0.00	10108.90	1674.30			
#5 Bearing	4-301-306-04	08-06331-27938	On Condition		0.00	10108.90	1674.30			
GP MODULE										
#1 Seal	4-304-047-02	17-152826-69340	On Condition		0.00	12475.20	0.00			
#1 Bearing	4-301-242-03	18-162255-10797	On Condition		0.00	12475.20	0.00			
#2 Bearing [inner]	4-301-518-01	18-162111-00937	On Condition		0.00	12475.20	0.00			
PT MODULE										
#2 Seal	4-301-357-04	14-152826-57847	On Condition		0.00	11101.00	1374.20			
#2 Brng Outer Race	4-141-440-01	16-162111-07363	On Condition		0.00	12475.20	0.00			
#3 Seal	4-301-448-01	NSN	On Condition		0.00	10800.90	1674.30			
#3 Bearing	4-301-242-03	18-162255-01658	On Condition		0.00	12475.20	0.00			
PT Nozzle	4-141-060-16	980134513245	On Condition		0.00	7367.00	5108.20	EFA =	11.46	
RBSH	4-143-020-43	12-101978-00239	On Condition		0.00	12475.20	0.00	overhauled		
Combustion Liner	4-131-010-30	18-3300-06677	On Condition		0.00	12475.20	0.00	new		
Flexi Fuel Manifold	4-191-100-03	14-169016-02919	On condition		0.00	10409.00	1374.20			



service
center

ENGINE S/N: LE-46113C
TO BE COMPLETED AT INSTALLATION ON AIRFRAME

1. BLEED FUEL SYSTEM DS
2. ADJUST ENGINE OIL OUTPUT PRESSURE *85 PSI* DS
3. ADJUST TORQUE TRANSMITTER *@100%* DS
4. CHECK T4 CALIBRATION DS
5. PERFORM VIBRATION CHECK DS
6. PERFORM POWER CHECK DS
7. CHECK AIR FLOW FENCE MODULATOR DS
8. OPERATIONAL CHECK OF OVERSPEED LIMITER DS
9. GROUND RUN & LEAK CHECK DS
10. PERFORM DELTA P CHECK AS PER LT101-71-00-0251 DS
11. IF APPLICABLE, COMPLETE SB 0263 PARA C 4 TO 8 &
PARA. D TO M DS
12. AFTER 1ST GROUND RUN RETORQUE 16 BOLTS OF
FUEL FLEX MANIFOLD TO 125 INCH-POUNDS
AS PER SB 0248 DS

COMPLETED BY: DYLAN PIKE

DATE: 27 JAN 2015

LIC: M450470 ACAA132

AMO: 62-02

WO: 210

HoneywellMAINTENANCE MANUAL
LTS101-2.1ENGINE VIBRATION TEST DATA SHEET
LTS101 SERIES INSTALLED IN AS-350 SERIES

ENGINE SERIAL NO. LE-46113C TIME SINCE NEW 10409.0 HRS.
 LAST OVERHAUL LOCATION HELI-INTER TIME SINCE OVERHAUL 0.0 HRS.
AMO# 32-98
 AIRCRAFT TYPE AND SERIAL NO. AS 350 A/C TIME 9480.9 HRS.
303073
 TESTED BY MUSTANG HELICOPTERS DATE JAN. 27/15

ENGINE PASSED TEST – AC-
CEPTEDENGINE FAILED TEST ☐

NG % (± 0.5%)	NR RPM TEST SPEED RANGE	NO. 1 PICKUP		NO. 2 PICKUP	
		GEARBOX – RADIAL		DIFFUSER – AXIAL	
		(200 Hz Filter)		(200 Hz Filter)	
		D	V	D	V
70	260–290*		0.0957		0.2947
84–86	(1)370–390*		0.4891		0.4656
90	(2)370–390*		0.2115		0.5518
85	380–394		0.2584		0.4863
95	380–394		0.1965		0.4161
Max. Reading	380–394		0.1909		0.4317

* CHECK ON GROUND (Additional Weight May Be Required To Perform On Ground) – REMAINING
POINTS CHECK IN FLIGHT

THE MAXIMUM ACCEPTABLE AVERAGE VELOCITY USING THE 200 Hz FILTER IS 0.8 INCHES PER SEC-
OND (IPS) FOR EITHER LOCATION.

OBSERVE NR LIMITATIONS SPECIFIED IN AIRCRAFT FLIGHT MANUAL.

DISPLACEMENT VALUES NOT REQUIRED IF SPECTRAL ANALYSIS IS RECORDED.

- (1) FULL THROTTLE – FLAT PITCH
(2) PULL COLLECTIVE

Vibration Test Data Sheet
Figure 16

71-00-00

Page 43
Feb 10/06

ENGINE VIBRATION TEST DATA SHEET
LTS101 SERIES INSTALLED IN AS-350 SERIES

ENGINE SERIAL NO. LE-46113C TIME SINCE NEW 10108,9
LAST OVERHAUL LOCATION _____ TIME SINCE OVERHAUL _____
AIRCRAFT TYPE AND SERIAL NO. 3073 A/C TIME 9128,1
TESTED BY [Signature] DATE 13/08/2015

ENGINE PASSED TEST – AC-
CEPTED



ENGINE FAILED TEST



NG % (± 0.5%)	NR RPM TEST SPEED RANGE	NO. 1 PICKUP		NO. 2 PICKUP	
		GEARBOX – RADIAL		DIFFUSER – AXIAL	
		(200 Hz Filter)		(200 Hz Filter)	
		D	V	D	V
70	260–290*		0,09		0,13
84–86	(1)370–390*		0,18		0,22
90	(2)370–390*		0,28		0,26
85	380–394		0,19		0,21
95	380–394		0,31		0,31
Max. 97,5 Reading	380–394		0,80		0,35

* CHECK ON GROUND (Additional Weight May Be Required To Perform On Ground) – REMAINING
POINTS CHECK IN FLIGHT

THE MAXIMUM ACCEPTABLE AVERAGE VELOCITY USING THE 200 Hz FILTER IS 0.8 INCHES PER SEC-
OND (IPS) FOR EITHER LOCATION.

OBSERVE NR LIMITATIONS SPECIFIED IN AIRCRAFT FLIGHT MANUAL.

DISPLACEMENT VALUES NOT REQUIRED IF SPECTRAL ANALYSIS IS RECORDED.

- (1) FULL THROTTLE – FLAT PITCH
(2) PULL COLLECTIVE

Vibration Test Data Sheet
Figure 16

ENGINE LE-46113C

TO BE COMPLETED AT INSTALLATION ON AIRFRAME:

Initials

1. Bleed fuel system
2. Adjust engine oil output pressure
3. Adjust torque transmitter
4. Check T4 calibration
5. Complete power check
6. Perform vibration check
7. Check airflow modulator
8. Operational check of Overspeed limiter
9. Ground run & leak check
10. Perform Delta P check as per SB LT101-71-00-0251R1
11. Complete SB 0263 para C 4 to 8 & para. D to M
12. Re torque of fuel manifold bolts after initial run (SB248)

YCR
YCR
YCR
YCR
YCR
YCR
YCR
YCR
YCR
YCR
YCR
N/A
YCR

Completed by: YCR

Date: 13/08/2013

Lic #:

HELI-INTER AMO 32-98	ACA 26
----------------------------	-----------

AMO: 32-98

W.O.: 2931

ENGINE LE-46113CTO BE COMPLETED AT INSTALLATION ON AIRFRAME:Initials

1. Bleed fuel system
2. Adjust engine oil output pressure
3. Adjust torque transmitter
4. Check T4 calibration
5. Complete power check
6. Perform vibration check
7. Check airflow modulator
8. Operational check of Overspeed limiter
9. Ground run & leak check
10. Perform Delta P check as per SB LT101-71-00-0251
11. Complete SB 0263 para C 4 to 8 & para. D to M

Handwritten initials for each item in the list, mostly appearing as "RL" or "RP".

Completed by: R. HeliDate: 9-09-2013Lic #:

HELI-INTER	ACA
AMO	38
32-98	

AMO: 3298W.O.: 3015

ENGINE VIBRATION TEST DATA SHEET
LTS101 SERIES INSTALLED IN AS-350 SERIES

ENGINE SERIAL NO. LE-46113C TIME SINCE NEW 10112.7

LAST OVERHAUL LOCATION _____ TIME SINCE OVERHAUL _____

AIRCRAFT TYPE AND SERIAL NO. H535032 A/C TIME 9184.60

TESTED BY P. Duval / R. Horin DATE Sept 9, 2013

ENGINE PASSED TEST – AC-
CEPTED



ENGINE FAILED TEST



NG % (± 0.5%)	NR RPM TEST SPEED RANGE	NO. 1 PICKUP		NO. 2 PICKUP	
		GEARBOX – RADIAL		DIFFUSER – AXIAL	
		(200 Hz Filter)		(200 Hz Filter)	
		D	V	D	V
70	260–290*	.11		.26	
84–86	(1)370–390*	.14		.29	
90	(2)370–390*	.2		.28	
85	380–394	.19		.29	
95	380–394	.21		.25	
Max. Reading	380–394	.25		.33	

* CHECK ON GROUND (Additional Weight May Be Required To Perform On Ground)– REMAINING POINTS CHECK IN FLIGHT

THE MAXIMUM ACCEPTABLE AVERAGE VELOCITY USING THE 200 Hz FILTER IS 0.8 INCHES PER SECOND (IPS) FOR EITHER LOCATION.

OBSERVE NR LIMITATIONS SPECIFIED IN AIRCRAFT FLIGHT MANUAL.

DISPLACEMENT VALUES NOT REQUIRED IF SPECTRAL ANALYSIS IS RECORDED.

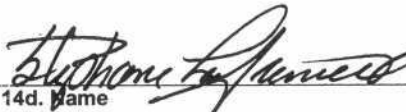
(1) FULL THROTTLE – FLAT PITCH

(2) PULL COLLECTIVE

Vibration Test Data Sheet
Figure 16

71-00-00

Page 43
Feb 10/06

1. Approving Civil Aviation Authority Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. INV-1092-P1	
4. Organization Name and Address AMO 37-96 Heli Technik 100 BLERIOT ST P.O. BOX 781 VAL D'OR, QC, J9P 4P8					5. Work Order/Contract/Invoice 7230	
6. Item 1	7. Description ENGINE 700D2	8. Part No. 4-001-000-33	9. Qty. 1	10. Serial/Batch No. LE-46113C	11. Status/work REPAIRED	
12. Remarks 1. INSTALLED #20 BRG. P/N 4-301-271-01 S/N 012513600308, #19 BRG. P/N 4-301-538-01 S/N 021991419033 & SPUR GEAR N1 ACCESSORY P/N 4-081-004-15. TTSN:10112.7 H / 12808.6 C						
13a. Certifies that the items identified above were manufactured in conformity to: ☐ approved design data and are in condition for safe operation. ☐ non approved design data specified in block 12.				14a. ☒ CAR 571.10 Maintenance Release ☐ Other regulations specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and discribed in block 12., has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature N/A		13c. Approved Organization Number N/A		14b. Signature  STEPHANE LAFRENIERE - M382296		14c. Approved Organization Number 37-97
13d. Name N/A		13e. Date (mm/dd/yyyy) N/A		14d. Name STEPHANE LAFRENIERE - M382296		14e. Date (mm/dd/yyyy) 23/08/2013

(Previously form 24-0078)

Important: See notes

Installer Responsibilities

This certificate does not constitute authority to install.

Installers working n accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

AMO 32-98

HELI-INTER INC.

6500 Chemin de la Savane, St-Hubert (Québec) J3Y 8Y9 Tel.: 450 468-3431 Fax: 450 468-5497

Nomenclature: Engine 700 D2 Manufacturer: _____
 Model: _____ P/N: 4-001-000-33 S/N: LE-46113C
 Modèle: _____

**AIRWORTHINESS CERTIFICATION
 CERTIFICATION DE NAVIGABILITÉ**

I certify that the aircraft part described hereon was acquired from an approved supplier per Transport Canada Regulations under AMO 32-98
 Je certifie que les pièces décrites ont été acquises d'un fournisseur approuvé par les règlements de Transport Canada sous l'AMO 32-98

New ☐ O/H ☐ Repaired ☒ Tested ☐ Inspected ☐ PO: 3675 Vendor: heli-technik
 Neuf ☐ Révisé ☐ Réparé ☒ Testé ☐ Inspecté ☐
 Receiving inspector Sebastien Digne Stamp  Date 22-10-2013
 Inspecteur de réception

**MAINTENANCE RELEASE
 CERTIFICAT APRÈS MAINTENANCE**

Repaired ☐ Inspected ☐ Removed Serviceable ☐ Modified ☐ O/H ☐
 Réparé ☐ Inspecté ☐ Enlevé d'en service ☐ Modifié ☐ Révisé ☐

The maintenance described above have been performed IAW applicable standards of airworthiness.
 Les travaux de maintenance indiqués ont été exécutés conformément aux exigences de navigabilité applicables.

Previous Certification: _____ Work Order: _____
 Certification précédente _____ Bon de travail _____
 Sign: _____ License #: _____ Date _____
 Signature _____ # Licence _____

Part information & installation data on back side.
 L'information des pièces et d'installation sont au verso.

IC-03

Airworthiness Certification - Certification de Navigabilité
Maintenance release - Certificat après maintenance

MAINTENANCE RELEASE
CERTIFICAT APRÈS MANTENANCE

Héli-Inter inc.

6500, Chemin de la Savane, St-Hubert (Québec) J3Y 8Y9 Tel.: 450 468-3431 Fax: 450 468-5497

AMO 32-98

PART INFORMATION
INFORMATION SUR LA PIÈCE

T.S.N.: 10112.7

T.S.O.: _____

T.C.S.N.: _____

T.C.S.O.: _____

DATE: _____

INSTALLATION DATA
INFORMATION SUR L'INSTALLATION

Installed on A/C: C-6MAN

Installé sur app.

Airframe Hours: 9184.6

Heure cellule

Ng cycles: 12808.6

Work Order #: 3015

Bon de travail #

Airframe Cycles: 45850

Cycles cellule

Np cycles: 16354.85

Date: Sept. 9/13

AME Sign:

Signature AME

Licence #

Licence

ACA02

Additional work to be performed upon installation:
Travail additionnel à faire lors de l'installation

IC-03

1. Approving Civil Aviation Authority Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking No. INV-1064-P1	
4. Organization Name and Address AMO 37-96 Heli Technik 100 BLERIOT ST P.O. BOX 781 VAL D'OR, QC, J9P 4P8				5. Work Order/Contract/Invoice 6717	
6. Item 1	7. Description ENGINE 700D2	8. Part No. 4-001-000-33	9. Qty 1	10. Serial/Batch No LE-46113C	11. Status/Work INSPECTED
12. Remarks 1. 1800 HRS INSPECTION C/O IAW HONEYWELL M.M SECTION 72-00-00 , TABLES 8A,9,11 & 12. SB 103R7,SB 0258R3 C/O. SB 0251R1 DELTA P CHECK C/O, 5.9 PSI (40%) RESULT O.K ALLOWED 7.4 PSI (50%) .TTSN:10108.9 H / 12800.1 C					
13 a. Certifies that the items identified above were manufactured in conformity to: ☐ approved design data and are in condition for safe operation. ☐ non approved design data specified in block 12.			14 a. ☒ CAR 571.10 Maintenance Release ☐ Other regulations specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and discribed in block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13 b. Signature N/A		13 c. Approved Organization Number N/A		14 b. Signature 	
13 d. Name N/A		13 e. Date (dd/mm/yyyy) N/A		14 c. Approved Organization Number 37-96	
		14 d. Name STEPHANE LAFRENIERE M382296		14 e. Date (dd/mm/yyyy) 07/01/2013	

(Previously form 24-0078)

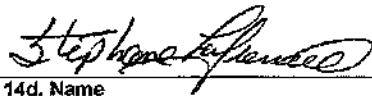
Important: See notes

Installer Responsibilities

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

1. Approving Civil Aviation Authority Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. INV-1032-P1		
4. Organization Name and Address AMO 37-96 Heli Technik 100 BLERIOT ST P.O. BOX 781 VAL D'OR, QC, J9P 4P8					5. Work Order/Contract/Invoice 6390		
6. Item 1	7. Description ENGINE 700D2	8. Part No. 4-001-000-33	9. Qty. 1	10. Serial/Batch No. LE-46113C	11. Status/work INSPECTED		
12. Remarks 1. SB LTS 101-72-50-0258R2 CARRIED OUT AND NO DEFECT FOUND.DELTA P CHECK C/O 8.7 PSI (59%) FOUND SATISFACTORY TTSN:9763 H / 12198.95 C							
13a. Certifies that the items identified above were manufactured in conformity to:			14a.				
☐ approved design data and are in condition for safe operation. ☐ non approved design data specified in block 12.			☒ CAR 571.10 Maintenance Release ☐ 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., has been performed in compliance with the <i>Canadian Aviation Regulations</i> .				
13b. Signature N/A		13c. Approved Organization Number N/A		14b. Signature 		14c. Approved Organization Number 37-96	
13d. Name N/A		13e. Date (mm/dd/yyyy) N/A		14d. Name STEPHANE LAFRENIERE - M382296		14e. Date (mm/dd/yyyy) 07/05/2012	

(Previously form 24-0078)

Important: See notes

Installer Responsibilities

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

1. Approving Nationality Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: SODAR-95	
4. Organization Name and Address: Soloy, LLC 450 Pat Kennedy Way SE Olympia, Washington 98501 ODARF-601412-NM					5. Work Order, Contract, or Invoice Number: 01015714	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Kit, Engine Installation	900-1000-1	N/A	1	069-900	NEW

13. REMARKS

EXPORT- THIS PART MEETS THE SPECIAL REQUIREMENTS OF CANADA

Destination-Canada: Heli-Excel, C.P. 188, 1970 Rue Decoste, Sept-Isle, Quebec, G4R 4K5, Canada

- This part was produced by the STC design approval holder.
- Item 1 conforms to approved type design, ref. Soloy LLC drawing 900-1000 Sheet 1 Rev. (B) Dated 09/29/06 and Sheet 2 Rev (B) Dated 09/29/06.
- Item 1 does not contain optional AFS 112000-101 inlet filter kit.
- Item 1 to be installed in accordance with STC SRO1647SE
- For Instructions for Continued Airworthiness see Soloy Maintenance and Overhaul Supplement S202H, Rev (2) Dated March 2007, or later approved revision.
- This FAA form 8130-3 No.SODAR-95 is **not applicable** to the Eurocopter items shipped in this kit.

Please note User/Installer Responsibilities below

14. Certifies the items identified above were manufactured in conformity to:

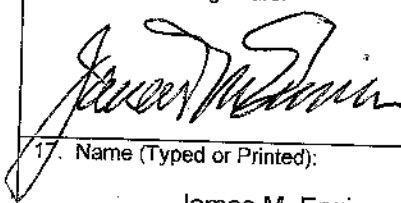
☒ Approved design data and are in a condition for safe operation.

☐ Non-approved design data specified in Block 13

19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.

15. Authorized Signature:



16. Approval Authorization No:

ODARF-601412-NM

20. Authorized Signature:

21. Approval /Certificate No:

17. Name (Typed or Printed):

James M. Erwin

18. Date (m/d/y):

October 4, 2007

22. Name (Typed or Printed):

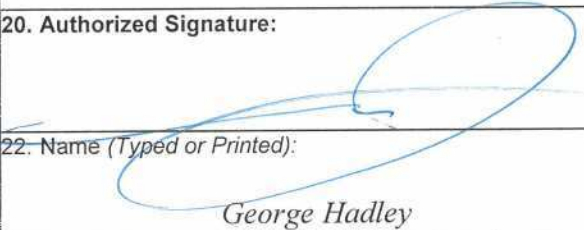
23. Date (m/d/y):

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 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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 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 regulation by the user/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country FAA/UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: SVS# 46113A WO# 208279	
4. Organization Honeywell International Inc. Greer Repair & Overhaul 85 Beeco Road, Greer, SC 29650 Repair Station No. C7GR861J					5. Work Order/ Contract/ Invoice Number: WO# 208279		
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	ENGINE	4-001-000-33	N/A	1	LE-46113C	OVERHAULED	
13. Remarks:		Return to Service: Overhauled and Returned to Commercial Service IAW SB LTS101A-72-0052 (R2). Converted to -700D-2 IAW ORI T41524 (OR) and Incorporated Electronic Overspeed System IAW ORI T41336 (OR). The following Service Bulletins were complied with during this shop visit: LT101-71-00-0001(R11), LT101-71-00-0002(R24), LT101A-72-00-0052(R2), LT101-72-40-0103(R3), LTS101-73-10-0169, LTS101-72-50-0174(R5), LT101-72-50-0194(R1), LT101-73-20-0203, LTS101-71-00-0232, LTS101-72-40-0241(R1), LTS101-72-60-0243, LTS101-72-60-0245 and LT101-71-00-0247. See Airworthiness Directives and Service Bulletin Section of Logbook for details and other Service Bulletins incorporated by engine conversion. This engine was tested for leaks, power and vibrations IAW TI-8361 with no discrepancies noted. IAW AD 88-14-01 Par. "g" the Delta "P" after test was 2.1 / 50 PSI. All work was done IAW current regulations of the FAA, LTS101-2.1 M/M (Rev. 16) and LTS101-3 O/H/M (Rev. 2). See Major Engine and Module Component Record Cards for replacement data on parts, components and associated accessories. In respect to the work performed the engine listed above is APPROVED FOR RETURN TO SERVICE. Pertinent details of work performed are on file at the offices listed above under WO# 208279 / SO# 46113A dated 09/28/07.					
This certifies that the work specified in block 12 / 13 was carried out in accordance with European Aviation Safety Agency (EASA) part 145 regulations and with respect to that work the aircraft component is considered ready for release to service under EASA Reference Number: EASA.145.4123.							
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 13.				19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 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.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No:	
				 George Hadley		CRS# C7GR861J	
17. Name (Typed or Printed):		18. Date(m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):	
						Sep/28/2007	
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.							

S/N LE-46113C

ENGINE HISTORY RECORD

[illegible]

☒ ENGINE☐ MODULE: ☐ AGB ☐ GP ☐ PT ☒ PN: 4-001-000-33

OPERATING & MAINTENANCE RECORD

S/N LE-46113C

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
09/28/07	6675.0	0.0	7933.0	6572.0	Honeywell Honeywell Greer Repair & Overhaul FAA CRS# C7GR861J EASA 145.4123 85 Beeco Road, Greer, South Carolina 29652 Fax: US(864)801-5919 Phone: US(864)801-5900 MODEL: LTS-101-700D-2 PN: 4-001-000-33 SN: LE-46113C TSN: 6675.0 TSO: 0.0 NgCSN: 7933.0 NpCSN: 6572.0 28 September, 2007 Overhauled and Returned to Commercial Service IAW SB LTS101A-72-0052 (R2). Converted to -700D-2 IAW ORI T41524 (OR) and Incorporated Electronic Overspeed System IAW ORI T41336 (OR). The following Service Bulletins were complied with during this shop visit: LT101-71-00-0001(R11), LT101-71-00-0002(R24), LT101A-72-00-0052(R2), LT101-72-40-0103(R3), LTS101-73-10-0169, LTS101-72-50-0174(R5), LT101-72-50-0194(R1), LT101-73-20-0203, LTS101-71-00-0232, LT101-75-30-0238, LTS101-72-40-0241(R1), LTS101-72-60-0243, LTS101-72-60-0245 and LT101-71-00-0247. See Airworthiness Directives and Service Bulletin Section of Logbook for details and other Service Bulletins incorporated by engine conversion. This engine was tested for leaks, power and vibrations IAW TI-8361 with no discrepancies noted. IAW AD 88-14-01 Par. "g" the Delta "P" after test was 2.1 / 50 PSI. All work was done IAW current regulations of the FAA, LTS101-2.1 M/M (Rev. 16) and LTS101-3 O/H/M (Rev. 2). See Major Engine and Module Component Record Cards for replacement data on parts, components and associated accessories. In respect to the work performed the engine listed above is APPROVED FOR RETURN TO SERVICE . Pertinent details of work performed are on file at the offices listed above under WO# 208279 / SO# 46113A dated 09/28/07. For CRS# C7GR861J, Wes Shaw <i>Wes Shaw</i> This engine is in compliance with the requirements for 1800HR Inspection as listed in LTS101-2.1M/M (Rev. 16) Section 72-00-00 for Engines that comply with Performance Monitoring Procedure.
Feb 20/10	8157.9		9953.7	10511.6	SB LTS 101-72-50-0258, Inspection of gas generation nozzle c/o, no defect found. Refer To Heli-Excel inc up to 1968, 1981. B. C. 214931 48/90.
July 15 2010	8451.3		10405.8	11429.0	Replaced engine Fuel Pump P/N 4-301-377-02 s/n off: 3AFP134 s/n on: 9AFP594. CM AMO 49-90.
June 15 2010	8322.4		10284.4	11175.65	1800 hrs inspection clout on engine LE-46113C: - 1800 hrs insp. of GP Modules clout by Heli-Technik ref: w/o 4745 - 1800 hrs insp. of AGB & PT module clout by Heli-Excel - SB LTS 101-72-50-0258 Insp. of GP Nozzle clout N.D.F. - Refer to Heli-Excel w.o # 208279 for details

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

☒ ENGINE

OPERATING & MAINTENANCE RECORD

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: _____

S/N _____

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
AUG 28 2010	8728.0		10669.7	11988.25	REPLACED PT GOVERNOR P/N 4-301-289-05 S/N OFF 31264 S/N ON 84350019 REMOVED FOR SPOOL BEARING REPLACEMENT. RY 49-90
FEB 15 2011	9040.5		11012.6	12681.55	FUEL CONTROL UNIT REMOVED FOR O/H P/N 4-301-288-06 S/N 84490036 - REPLACED WITH P/N 4-301-288-06 - S/N 334735 RY AND 49-90
FEB 15 2011	9040.5		11012.6	12681.55	ENGINE FUEL PUMP REMOVED FOR O/H P/N 4-310-377-01, S/N 9AFP594 - REPLACED WITH P/N 4-310-377-01, S/N 9AFP 929 RY AND 49-90
FEB 15 2011	9040.5		11012.6	12681.5	P.T. GOVERNOR P/N 4-301-289-05, S/N 843519 REMOVED DUE FOR INSPECTION - REPLACED WITH P/N 4-301-289-05, S/N 31264 RY AND 49-90
FEB 15 2011	9040.5		11012.6	12681.5	AIRFLOW MODULATOR P/N 4-301-102-12, S/N 85300022 REMOVED, DUE FOR O/H - REPLACED WITH P/N 4-301-102-12, S/N 86430221 RY AND 49-90
FEB 15 2011	9040.5		11012.6	12681.5	T1 SENSOR P/N 4-301-099-07, S/N 19372 REMOVED, DUE FOR O/H - REPLACED WITH P/N 4-301-099-07, S/N 85300046 RY AND 49-90
SEPT. 29, 2011	9460.6		11824.6	14370.4	REMOVED DUE FOR BEARING REPLACEMENT P.T. GOVERNOR P/N 4-301-289-05 - S/N 31264 - INSTALLED SERVICEABLE FROM C-GPHN P.T. GOVERNOR P/N 4-301-289-05 - S/N 23686 RY AND 49-90
NOV. 11, 2011	9554.9		11964.5	14697.4	REMOVED TIME EXPIRED GOVERNOR IAW SB LTS101-73-20-0268 P/N 4-301- 289-05 S/N 23686 - INSTALLED REPAIRED GOVERNOR P/N 4-301-289-03 S/N 27481 TSO: 697.7 RY AND 49-90
DEC. 08, 2011	9588.8		12007.02	14810.9	ENGINE FUEL PUMP P/N: 4-301-377-01 - S/N OAFP929 REMOVED DUE FOR 600 HR. INSPECTION. ENGINE FUEL PUMP P/N 4-301-377-01, S/N OAFP352 INSTALLED FROM C-GVE1 (ENGINE S/N LE-46042C) RY AND 49-90
MAR. 27, 2012	9709.8		12136.55	15221.35	P.T. GOVERNOR P/N 4-301-289-03 S/N 27481 REMOVED DEFECTIVE - REPAIRED P.T. GOVERNOR P/N 4-301-289-05 S/N 24335 INSTALLED RY AND 49-90

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: 4-001-000-33

OPERATING & MAINTENANCE RECORD

S/N LE-46113C

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
10-03-11	9072.9		11052.3	12806.5	Missed MTC entry  Transcribed for R. Morin M329820
10-03-11	9072.9		11052.3	12806.5	Engine S/N LE-46113C TTSN 9072.9 NG 11052.3 NP 12806.5 G.P module P/N 4-103-000-36 S/N W84H015 TTSN 9764.9 NG 11911.3 GP nozzle P/N 4-111-090-12 S/N 052025600018 TTSN 2397.9 TCSN 3119.3 GP module removed to comply with Honeywell S.B. LTS 101 72-50-0258 Gas generator nozzle inspected as per Honeywell SB LTS 101-72-50-0258 NDF FPI C/O by Heathair under W/O 44032 NDF Delta P check C/O 1.6 PSID at 50 PSI Engine VIB check C/O as per Honeywell M.M LTS 101-2-1 CHAP. 72-00-00 Engine performance check C/O 40 degrees Margin • Anti vibrator removed for trouble shooting P/N 31-0033-05 S/N unk Installed inspected unit P/N 31-0033-06 S/N SD1240 A/C is release for satisfactory test flight and engine performance check
2012 May 04	9763.0		12198.95	15372.45	
JUN. 27, 2012	9902.6		12410.75	15699.25	P.T. GOVERNOR REPLACED AS PER AD 2011-23-13 (SPOOL BEARING REPLACEMENT) P/N ON AND OFF : 4-301-289-05 - S/N OFF 24335, S/N ON : 29028. 

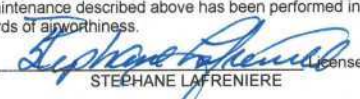


AMO 37-96
Heli Technik
100 Bleriot St. P.O. Box 781
Val d'Or, QC, J9P 4P8
Tel: 1-819-874-8804 Fax: 1-819-824-5362
info@helitechnik.com
ENG
Aircraft TTAF : 9763.0 Engine TTSD : 0.0
Total NG CYCLE : 12198.95 NG CYCLE TCSN : 0.0

Aircraft registration: LE-46113C
Work report number: 1361
Date: May 04, 2012
Engine log
Engine SN: LE-46113C

Item	Description	Correction
1	PERFORM SB LTS 101-72-50-0258R2 GP NOZZLE INSPECTION FOR CRACKSON P/N 4-111-090-12, S/N 052025600018	SB 0258R2 C/O BY EXECAIRE W/O# 69046 AND NO DEFECT FOUND
2	PERFORM DELTA P CHECK	DELTA P CHECK C/O. 8.7 PSI (59%)

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name:  License no.: M382296
STEPHANE LAFRENIERE

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

OPERATING & MAINTENANCE RECORD

S/N LE-46113C

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
JUN. 27, 2012	9902.6	-	12410.75	15699.25	MECHANICAL FUEL PUMP REPLACED AS PER AD 2001-17-15 P/N OFF: 4-301-377-01 S/N OFF: 04AFP352B6 P/N ON: 4-301-377-02 S/N ON: 4AFP719 AMD 49-90
SEPT. 11, 2012	10108.9	-	12800.1	16339.2	REMOVED FCU P/N 4-301-288-06 S/N 334735 - REMOVED AIRFLOW MODULATOR P/N 4-301-102-12 S/N 86430221 - REMOVED FUEL PUMP P/N 4-301-377-02 S/N 4AFP719 - REMOVED P.T. GOVERNOR P/N: 4-301-289-05 S/N 29028. AMD 49-90
JAN 07 2013	10108.9	-	12800.1	16339.2	ENGINE REMOVED ^{FROM GIEG.} DUE FOR 1800 HR. INSPECTION AMD 49-90
not used					

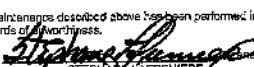
Your signature or stamp signifies that the total operating hours and operating cycles and maintenance performed is hereby certified to be true and correct.

☒ ENGINE

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☒ PN: 4-001-000-33

OPERATING & MAINTENANCE RECORD

S/N LE 46113C

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS																																																									
	TSN	TSO	Ng Cycles	Np Cycles																																																										
10/07/2013	10108.9	-	12800.1	16339.2	 AMO 37-96 Heli Technik 100 Bierlot St. P.O. Box 781 Val d'Or, QC, J9P 4P8 Tel: 1-819-874-8804 Fax: 1-819-824-5362 info@heliftechnik.com ENG TT: 10108.9 Engine TT SI: 0.0 Total NG CYCLE: 12800.1 NG CYCLE TCSI: 0.0 Total NP CYCLE: 16339.2 NP CYCLE TCSI: 0.0 Engine SN: LE-46113C Aircraft registration: LE-46113C Work report number: 1411 Date: Jan 07, 2013 Engine log <table border="1"><thead><tr><th>Item</th><th>Description</th><th>Correction</th></tr></thead><tbody><tr><td>1</td><td>COMPLETE 1800 HRS INSPECTION</td><td>1800 HRS INSPECTION C/O IAW HONEYWELL M.M SECTION 72-00-00, TABLES 8A, 9, 11 & 12</td></tr><tr><td>2</td><td>PERFORM SB 0251R1 DELTA P CHECK</td><td>SB 0251R1 C/O DELTA P CHECK AT 5.9 PSI(40%) RESULT O.K, ALLOWED 7.4 PSI(60%)</td></tr><tr><td>3</td><td>PERFORM SB 0258R3 GP NOZZLE INSPECTION FOR CRACK</td><td>SB 0258R3 C/O, NDT PERFORMED BY EXECAIRE W/O 71112, ON GP NOZZLE P/N 4-111-090-12 S/N 052025800018 AND FOUND CRACKED</td></tr><tr><td>4</td><td>INSTALL NEW GP NOZZLE</td><td>INSTALLED GP NOZZLE P/N 4-111-090-25 S/N 07-20256-00002 (INSPECTED TSN 591.1 HRS, CSN 1593.4)</td></tr><tr><td>5</td><td>PERFORM SB 103R7 CLEANING OF RBSP (REMOVED RBSP P/N 4-141-010-42 S/N S4815PX)</td><td>SB 103R7 PERFORMED BY H & L ACCESSORY INC W/O 272181 ON INSTALLED RBSP P/N 4-141-010-42 S/N 2082PX</td></tr><tr><td>6</td><td>TORQUE IDLER GEAR P/N 4-081-350-18, S/N 0725242210002 SENT TO AIRGEAR FOR REPAIR AND FOUND UNSERVICEABLE</td><td>INSTALLED TORQUE IDLER GEAR P/N 4-081-350-18, S/N 12-169034-00025 (0.0 TSN)</td></tr><tr><td>7</td><td>CORROSION FOUND ON PINION GEAR P/N 4-081-053-11 S/N 062517400492 SENT TO AIR GEAR FOR REPAIR AND FOUND UNSERVICEABLE</td><td>INSTALLED PINION GEAR P/N 4-081-053-11, S/N 07-102045-01241 (TSN 0.0)</td></tr><tr><td>8</td><td>INSTALL NEW # 4 & 5 BEARING TO MATCH PINION GEAR SIZE D</td><td>INSTALLED BRG P/N 4-301-306-04 (2X) S/N 08-06331-27942, 08-06331-27938 (TSN 0.0)</td></tr><tr><td>9</td><td>REPLACE COMBUSTION LINER P/N 4-131-010-30 (CRACKED OUT OF LIMITS)</td><td>INSTALLED COMBUSTION LINER P/N 4-131-010-30 S/N 07P11801 (TSN 0.0)</td></tr><tr><td>10</td><td>REPLACE FLOW FENCE RING P/N: 4-061-080-07 (WORN OUT)</td><td>INSTALLED FLOW FENCE RING SAME P/N (TSN 0.0)</td></tr><tr><td>11</td><td>REPLACE #3 SEAL P/N: 4-301-448-01 (CRACKED)</td><td>INSTALLED #3 SEAL SAME P/N (0.0 TSN)</td></tr><tr><td>12</td><td>REPLACE OIL DEBRIS MONITOR P/N: 4-301-152-01, S/N 072017900007 (STRIPPED)</td><td>INSTALLED DEBRIS MONITOR SAME P/N S/N 072017900020</td></tr><tr><td>13</td><td>REPLACE # 6 BEARING P/N 4-301-088-02 S/N 7855 (OUTER RACE SPINNED)</td><td>INSTALLED BEARING P/N 4-301-088-02, S/N 992513608238</td></tr><tr><td>14</td><td>REPLACE #6 BRG BEVEL RING (WORN)</td><td>INSTALLED BEVEL RING P/N N6002-334 (NEW)</td></tr><tr><td>15</td><td>REPLACE GEARBOX COVER AND CASING P/N 4-081-040-55, S/N 318741 (# 6 BEARING BORE WORN OUT OF LIMITS)</td><td>INSTALLED CASING & COVER ASSY P/N 4-081-040-55, S/N 82B428 (OVERHAUL)</td></tr><tr><td>16</td><td>REPLACE THERMOCOUPLE P/N 4-301-501-02 (2x)</td><td>INSTALLED THERMOCOUPLE P/N 4-301-501-02 (2x) S/N 08-25480-00824, 062548001067 (NEW)</td></tr><tr><td>17</td><td>REPLACE PT ROTOR (HIGH CYCLES) 4-141-290-18 S/N 971365101727</td><td>INSTALLED PT ROTOR P/N 4-141-290-18 S/N 081365106795 (TSN 0.0, CSN 0.0)</td></tr><tr><td>18</td><td>SEND FUEL MANIFOLD FOR FLOW CHECK TEST</td><td>FUEL MANIFOLD P/N 4-301-876-01, S/N 1XN06833 TESTED BY INTERMOUNTAIN TURBINE SERVICES W/O 1484</td></tr></tbody></table> The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Name:  Stephane Lafreniere License no.: M382236	Item	Description	Correction	1	COMPLETE 1800 HRS INSPECTION	1800 HRS INSPECTION C/O IAW HONEYWELL M.M SECTION 72-00-00, TABLES 8A, 9, 11 & 12	2	PERFORM SB 0251R1 DELTA P CHECK	SB 0251R1 C/O DELTA P CHECK AT 5.9 PSI(40%) RESULT O.K, ALLOWED 7.4 PSI(60%)	3	PERFORM SB 0258R3 GP NOZZLE INSPECTION FOR CRACK	SB 0258R3 C/O, NDT PERFORMED BY EXECAIRE W/O 71112, ON GP NOZZLE P/N 4-111-090-12 S/N 052025800018 AND FOUND CRACKED	4	INSTALL NEW GP NOZZLE	INSTALLED GP NOZZLE P/N 4-111-090-25 S/N 07-20256-00002 (INSPECTED TSN 591.1 HRS, CSN 1593.4)	5	PERFORM SB 103R7 CLEANING OF RBSP (REMOVED RBSP P/N 4-141-010-42 S/N S4815PX)	SB 103R7 PERFORMED BY H & L ACCESSORY INC W/O 272181 ON INSTALLED RBSP P/N 4-141-010-42 S/N 2082PX	6	TORQUE IDLER GEAR P/N 4-081-350-18, S/N 0725242210002 SENT TO AIRGEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED TORQUE IDLER GEAR P/N 4-081-350-18, S/N 12-169034-00025 (0.0 TSN)	7	CORROSION FOUND ON PINION GEAR P/N 4-081-053-11 S/N 062517400492 SENT TO AIR GEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED PINION GEAR P/N 4-081-053-11, S/N 07-102045-01241 (TSN 0.0)	8	INSTALL NEW # 4 & 5 BEARING TO MATCH PINION GEAR SIZE D	INSTALLED BRG P/N 4-301-306-04 (2X) S/N 08-06331-27942, 08-06331-27938 (TSN 0.0)	9	REPLACE COMBUSTION LINER P/N 4-131-010-30 (CRACKED OUT OF LIMITS)	INSTALLED COMBUSTION LINER P/N 4-131-010-30 S/N 07P11801 (TSN 0.0)	10	REPLACE FLOW FENCE RING P/N: 4-061-080-07 (WORN OUT)	INSTALLED FLOW FENCE RING SAME P/N (TSN 0.0)	11	REPLACE #3 SEAL P/N: 4-301-448-01 (CRACKED)	INSTALLED #3 SEAL SAME P/N (0.0 TSN)	12	REPLACE OIL DEBRIS MONITOR P/N: 4-301-152-01, S/N 072017900007 (STRIPPED)	INSTALLED DEBRIS MONITOR SAME P/N S/N 072017900020	13	REPLACE # 6 BEARING P/N 4-301-088-02 S/N 7855 (OUTER RACE SPINNED)	INSTALLED BEARING P/N 4-301-088-02, S/N 992513608238	14	REPLACE #6 BRG BEVEL RING (WORN)	INSTALLED BEVEL RING P/N N6002-334 (NEW)	15	REPLACE GEARBOX COVER AND CASING P/N 4-081-040-55, S/N 318741 (# 6 BEARING BORE WORN OUT OF LIMITS)	INSTALLED CASING & COVER ASSY P/N 4-081-040-55, S/N 82B428 (OVERHAUL)	16	REPLACE THERMOCOUPLE P/N 4-301-501-02 (2x)	INSTALLED THERMOCOUPLE P/N 4-301-501-02 (2x) S/N 08-25480-00824, 062548001067 (NEW)	17	REPLACE PT ROTOR (HIGH CYCLES) 4-141-290-18 S/N 971365101727	INSTALLED PT ROTOR P/N 4-141-290-18 S/N 081365106795 (TSN 0.0, CSN 0.0)	18	SEND FUEL MANIFOLD FOR FLOW CHECK TEST	FUEL MANIFOLD P/N 4-301-876-01, S/N 1XN06833 TESTED BY INTERMOUNTAIN TURBINE SERVICES W/O 1484
Item	Description	Correction																																																												
1	COMPLETE 1800 HRS INSPECTION	1800 HRS INSPECTION C/O IAW HONEYWELL M.M SECTION 72-00-00, TABLES 8A, 9, 11 & 12																																																												
2	PERFORM SB 0251R1 DELTA P CHECK	SB 0251R1 C/O DELTA P CHECK AT 5.9 PSI(40%) RESULT O.K, ALLOWED 7.4 PSI(60%)																																																												
3	PERFORM SB 0258R3 GP NOZZLE INSPECTION FOR CRACK	SB 0258R3 C/O, NDT PERFORMED BY EXECAIRE W/O 71112, ON GP NOZZLE P/N 4-111-090-12 S/N 052025800018 AND FOUND CRACKED																																																												
4	INSTALL NEW GP NOZZLE	INSTALLED GP NOZZLE P/N 4-111-090-25 S/N 07-20256-00002 (INSPECTED TSN 591.1 HRS, CSN 1593.4)																																																												
5	PERFORM SB 103R7 CLEANING OF RBSP (REMOVED RBSP P/N 4-141-010-42 S/N S4815PX)	SB 103R7 PERFORMED BY H & L ACCESSORY INC W/O 272181 ON INSTALLED RBSP P/N 4-141-010-42 S/N 2082PX																																																												
6	TORQUE IDLER GEAR P/N 4-081-350-18, S/N 0725242210002 SENT TO AIRGEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED TORQUE IDLER GEAR P/N 4-081-350-18, S/N 12-169034-00025 (0.0 TSN)																																																												
7	CORROSION FOUND ON PINION GEAR P/N 4-081-053-11 S/N 062517400492 SENT TO AIR GEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED PINION GEAR P/N 4-081-053-11, S/N 07-102045-01241 (TSN 0.0)																																																												
8	INSTALL NEW # 4 & 5 BEARING TO MATCH PINION GEAR SIZE D	INSTALLED BRG P/N 4-301-306-04 (2X) S/N 08-06331-27942, 08-06331-27938 (TSN 0.0)																																																												
9	REPLACE COMBUSTION LINER P/N 4-131-010-30 (CRACKED OUT OF LIMITS)	INSTALLED COMBUSTION LINER P/N 4-131-010-30 S/N 07P11801 (TSN 0.0)																																																												
10	REPLACE FLOW FENCE RING P/N: 4-061-080-07 (WORN OUT)	INSTALLED FLOW FENCE RING SAME P/N (TSN 0.0)																																																												
11	REPLACE #3 SEAL P/N: 4-301-448-01 (CRACKED)	INSTALLED #3 SEAL SAME P/N (0.0 TSN)																																																												
12	REPLACE OIL DEBRIS MONITOR P/N: 4-301-152-01, S/N 072017900007 (STRIPPED)	INSTALLED DEBRIS MONITOR SAME P/N S/N 072017900020																																																												
13	REPLACE # 6 BEARING P/N 4-301-088-02 S/N 7855 (OUTER RACE SPINNED)	INSTALLED BEARING P/N 4-301-088-02, S/N 992513608238																																																												
14	REPLACE #6 BRG BEVEL RING (WORN)	INSTALLED BEVEL RING P/N N6002-334 (NEW)																																																												
15	REPLACE GEARBOX COVER AND CASING P/N 4-081-040-55, S/N 318741 (# 6 BEARING BORE WORN OUT OF LIMITS)	INSTALLED CASING & COVER ASSY P/N 4-081-040-55, S/N 82B428 (OVERHAUL)																																																												
16	REPLACE THERMOCOUPLE P/N 4-301-501-02 (2x)	INSTALLED THERMOCOUPLE P/N 4-301-501-02 (2x) S/N 08-25480-00824, 062548001067 (NEW)																																																												
17	REPLACE PT ROTOR (HIGH CYCLES) 4-141-290-18 S/N 971365101727	INSTALLED PT ROTOR P/N 4-141-290-18 S/N 081365106795 (TSN 0.0, CSN 0.0)																																																												
18	SEND FUEL MANIFOLD FOR FLOW CHECK TEST	FUEL MANIFOLD P/N 4-301-876-01, S/N 1XN06833 TESTED BY INTERMOUNTAIN TURBINE SERVICES W/O 1484																																																												

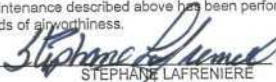
Your signature or stamp signifies that the total operating hours and operating cycles and maintenance performed is hereby certified to be true and correct.

☒ ENGINE

OPERATING & MAINTENANCE RECORD

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 4-001-000-33

S/N LE-46113C

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS																	
	TSN	TSO	Ng Cycles	Np Cycles																		
2013 Aug 23	10112.7	-	12808.6	16354.85																		
 AMO 37-96 Heli Technik 100 BLERIOT ST P.O. BOX 781 VAL D'OR, QC, J9P 4P8 Ph. Office: 1-819-874-8804 Fax: 1-819-824-5362 info@helitechnik.com ENGINE TT : 10112.7 Engine TTSI : 3.8 Total NG CYCLE : 12808.6 NG CYCLE TCSI : 8.5 Aircraft registration: LE-46113C Work report number: 1474 Date: Aug 23, 2013 Engine log Engine SN: LE-46113C <table border="1"><thead><tr><th>Item</th><th>Description</th><th>Correction</th></tr></thead><tbody><tr><td>1</td><td>ENGINE MAKING METAL</td><td></td></tr><tr><td>2</td><td>REPLACE # 20 BEARING P/N 4-301-271-02</td><td>FOUND # 20 BEARING DAMAGED IN ACCESSORY GEARBOX</td></tr><tr><td>3</td><td>REPLACE #19 BEARING P/N 4-301-538-01(FOR CONVENIENCE)</td><td>INSTALLED 4-301-271-01, S/N 012513600308 (NEW)</td></tr><tr><td>4</td><td>REPLACE GEAR, SPUR, N2 ACCESSORY DRIVE 4-081-004-15 (FOR CONVENIENCE)</td><td>INSTALLED BRG P/N 4-301-538-01, S/N 0219914190339 (NEW)</td></tr><tr><td colspan="2"></td><td>INSTALLED GEAR SAME P/N NEW</td></tr></tbody></table> The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Name:  License no.: M382296 STEPHANE LAFRENIERE					Item	Description	Correction	1	ENGINE MAKING METAL		2	REPLACE # 20 BEARING P/N 4-301-271-02	FOUND # 20 BEARING DAMAGED IN ACCESSORY GEARBOX	3	REPLACE #19 BEARING P/N 4-301-538-01(FOR CONVENIENCE)	INSTALLED 4-301-271-01, S/N 012513600308 (NEW)	4	REPLACE GEAR, SPUR, N2 ACCESSORY DRIVE 4-081-004-15 (FOR CONVENIENCE)	INSTALLED BRG P/N 4-301-538-01, S/N 0219914190339 (NEW)			INSTALLED GEAR SAME P/N NEW
					Item	Description	Correction															
					1	ENGINE MAKING METAL																
					2	REPLACE # 20 BEARING P/N 4-301-271-02	FOUND # 20 BEARING DAMAGED IN ACCESSORY GEARBOX															
					3	REPLACE #19 BEARING P/N 4-301-538-01(FOR CONVENIENCE)	INSTALLED 4-301-271-01, S/N 012513600308 (NEW)															
					4	REPLACE GEAR, SPUR, N2 ACCESSORY DRIVE 4-081-004-15 (FOR CONVENIENCE)	INSTALLED BRG P/N 4-301-538-01, S/N 0219914190339 (NEW)															
							INSTALLED GEAR SAME P/N NEW															
DATE: September 9 th 2013 Engine TSN: 10112.70 NG Cycles: 12808.60 NP Cycles : 16354.85																						
- Engine p/n: 4-001-000-33 s/n: LE-46113C installed on airframe C-GMAN @ AFTT 9184.6 hrs - Engine TTSN: 10112.70 hrs, NG Cycles : 12808.6 cycles, NP Cycles: 16354.85 cycles, TSI : 3.8 hrs. 100 / 3rd 100 IAW Inspection Schedule Q-0736 R12 & Form IS350-100 - SB LT101-71-00-0251 R1 Delta "P" Check completed: 5.8 PSID @ 50 PSI cold engine - Engine Thru-Shaft p/n: 900-1750-3 s/n: 243 Removed, corroded internally. - Engine Thru-Shaft p/n: 900-1750-3 s/n: 525 Installed. TSN: 0.0 hrs PO# 3721 - The following component were installed on engine LE-46113C: - Airflow Modulator p/n: 4-301-102-12 s/n: 85100033 TSO: 1804.2 hrs - Fuel Pump p/n: 4-301-377-12 s/n: 3AFP995B TSO/TSI: 155.5 hrs - Fuel Control unit p/n: 4-301-288-06 s/n: 334758 TSO: 275.0 hrs - PT Governor p/n: 4-301-289-05 s/n: 23724 TSI / TSO: 813.4 hrs - HPMS cycles counter updated for new NG & NP cycles - Engine Oil System Drained and refilled with Mobil 254. - Engine Fuel Filter p/n: 4-301-216-02 Replaced. PO# 6599 - HP Fuel Filter Impending Bypass Check c/o IAW MM 73-10-07, N.D.F. - Q.C. Inspection completed. - A/C is released for Ground Runs and Leak Check, Vibration Check, Oil Pump Output Pressure check, - Delta "P" Check after initial Ground Run & Power Check																						
Transcribed for Richard Manin M329820, ACA 38, AMO 32-98																						
2014 4-Dec	10409.0		13077.7	16881.8	COMPLETE ENGINE REMOVED FROM C-GMAN AND SENT OUT FOR INCORPORATION OF HONEYWELL SERVICE BULLETIN 0248. ALL WORK C/O IAW ALL APPLICABLE MANUFACTURERS PDS UNDER AMO 62-02.  ACA#96.																	

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

☒ ENGINE

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 4-001-000-33

OPERATING & MAINTENANCE RECORD

S/N LE-46113C

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
12 JAN. 2015	10409.0	—	13077.7	16881.8	 service center  ROBINSON ISC Service Center (Hel-Inter Inc.) 6500 Chemin de la Savane St-Hubert, Quebec, J3Y 8Y9 Tel: 450-550-2024 Fax: 450-468-5497 info@hel-inter.com AMO: 32-98 Engine S/N :: LE-46113C Work report number: isc659 Date: Jan 12, 2015 ENGINE TURBOSHAFT log Part Number : 4-001-000-33 TTSN : 10409.0 Serial Number : LE-46113C N1 CYCLES: 13077.7 N2 CYCLES: 16881.8 Work Done SB LTS101-79-20-0248 R2 carried out on Engine LTS101-700D-2 S/N LE-46113C TSN: 10409.0 NG cycles: 13077.7 NP cycles: 16881.8. Engine reassembled under CWR# 659 iaw Maintenance Manual LTS101-2, 1 REV 17. Combustion liner P/N: 4-131-010-30 S/N: 05P05231 replaced status overhauled TSO: 0.0, Inspected serviceable NO3 Bearing P/N: 4-301-242-03 S/N: 0245 TSN: 5805.10 installed from Engine LE-46233C. SB 0251 R2 Carried out, SB0275 found embodied on new Flexible fuel manifold. NOTE: Delta P Check result 5.6 PSI (48%) at 50 psi , List of all snags and replacement parts file under CWR # 659. IMPORTANT NOTE: Airworthiness of the engine to be determined after performing: Engine vibration check, Engine power check, Delta P check and all required adjustments following engine airframe installation & retorquing 16 Flexible fuel manifold mount bolts after initial engine operation iaw SB0248 R2. The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Name: <u>Denis Gauthier</u> License no.: <u>SCA 22</u> Remarks : 12 JAN. 2015
Jan. 27 2015	10409.0		13077.7	16881.8	Engine installed on aircraft C-6MAN. S/N 3073 @ AFTT: 9480.9 by AYO 62-02 under WR 210.

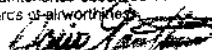
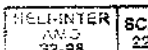
Your signature or stamp signifies that the total operating hours and operating cycles and maintenance performed is hereby certified to be true and correct.

☒ ENGINE

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 4-001-000-33

OPERATING & MAINTENANCE RECORD

S/N LE-46113C

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
12 JAN. 2015	10409.0	—	13077.7	16881.8	 service center  ROBINSON 10 Service Center (Hel-Hinter Inc.) 6500 Chemin de la Savane St-Hubert, Quebec, J3Y 8Y9 Tel: 450-660-2024 Fax: 450-668-5437 info@hel-hinter.com AMC: 32-98 Engine S/N : LE-46113C Work report number: 150659 Date: Jan 12, 2015 ENGINE TURBOSHAFT log Part Number : 4-001-000-33 TTSN : 10409.0 Serial Number : LE-46113C N1 CYCLES: 13077.7 N2 CYCLES: 16881.8 Work Done SB LTS101-79-20-0248 R2 carried out on Engine LTS101-700D-2 S/N LE-46113C TSN: 10409.0 NG cycles: 13077.7 NP cycles: 16881.8. Engine reassembled under CWR# 659 iaw Maintenance Manual LTS101-2, 1 REV 17. Combustion liner P/N: 4-131-010-39 S/N: 05P05231 replaced status overhauled TSO: 0.0. Inspected serviceable NO3 Bearing P/N: 4-301-242-03 S/N: 0245 TSN: 5805.10 installed from Engine LE-46233C. SB 0251 R2 Carried out, SB0275 found embodied on new Flexible fuel manifold. NOTE: Delta P Check result 5.6 PSI (48%) at 50 psi. List of all snags and replacement parts file under CWR # 659. IMPORTANT NOTE: Airworthiness of the engine to be determined after performing: Engine vibration check, Engine power check, Delta P check and all required adjustments following engine airframe installation & retorque 16 Flexible fuel manifold mount bolts after initial engine operation iaw SB0248 R2. The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Name:  D. Gauthier License no.: SCA 22 Remarks:   12 JAN. 2015  
27 Mar 2015	10441.1		13110.1	16970.5	Engine Power Check Completed
23 Apr 2015	10505.7		13140.1	17072.5	Engine Power Check Completed
7 May 2015	10521.9		13148.1	17094.15	Engine Power Check Completed
19 May 2015	10528.9		13155.7	17102.85	C/W Delta P check. Delta P = 6.7 Ps. (47.1%) within limits. Completed by Charlie Cablin AP2826429. Transcribed by Knsta Kenny for Solay Helicopters.
19 May 2015	10528.9		13155.7	17102.85	Engine Fuel Pump due 600hr insp. Removed Eng Fuel Pump S/N 3AFP995 installed S/N 4AFP946. C/W ground run leak check. Work performed by David VanPary AP 3692760. Transcribed by Knsta Kenny for Solay Helicopters.

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: 4-001-000-33

OPERATING & MAINTENANCE RECORD

S/N LE-46113C

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
26 May 2015	10533.0		13166.9	17123.4	Engine Power Check Completed
31 May 2015	10540.2		13179.00	17141.00	Engine Power Check Completed
3 June 2015	10543.8		13184.5	17145.85	Engine Power Check Completed
6 June 2015	10547.5		13192.5	17152.25	Completed 150hr Engine Insp. in ref. to: mm LTS101-2.1 No defects noted. Refer to WO#1712 for further Details. Work completed by David VanParys AP3692700 Transcribed by Krista Kenny for Soly Helicopters.
7 June 2015	10547.5		13192.5	17152.25	Completed. Leak check of Eng oil filter and #2/#3 oil bearing line. No leaks detected. Work Completed by David VanPary AP3692700. transcribed by Krista Kenny for Soly Helicopters.
2 July 2015	10621.9		13309.8	17357.0	Engine Power Check Completed
16 July 2015	10628.8		13329.3	17368.55	Performed Delta P Insp. on LTS-101 Engine S/N LE46113C. Pressure Was within limits. Work Completed by Daniel Calderon. AP 3544095. transcribed by Krista Kenny for Soly Helicopters
7 July 2015	10632.8		13333.50	17375.8	Engine did not Pass power Check. Aircraft engine requires Engine Wash. Complied IAW Honeywell mm LTS-101.2.1 Ch 72-00-06. No Disc Noted. Work Performed by Daniel Calderon AP3544095. transcribed by Krista Kenny for Soly Helicopters
9 July 2015	10632.8		13333.50	17375.8	Engine Power Check Completed and returned to service

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

EPC-18-4

☒ ENGINE

OPERATING & MAINTENANCE RECORD

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 4-001-000-33

S/N LE-46113C

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
17 July 2015	10638.5		13347.5	17400.6	Aircraft requires removal + replacement of power turbine governor due to AD 2011-23-13. Removed Power turbine governor P/N 4-301-289-05 S/N 86400985 and installed Serviceable governor P/N 4-301-289-05 S/N 18898 1AW AD 2011-23-13. 1AW Honeywell mm LTS 101-2.1 ch 73-20-02. No Disc. Noted. Performed ground run check and function flight and power check. No disc. noted. Work performed by Daniel Calderon AP 3544095. transcribed by Krista Kenny for Soloy Helicopters
22 July 2015	10646.8		13354.7	17411.7	Engine Power Check Completed
9 Aug 2015	10647.5		13378.1	17444.8	Engine Power Check Completed
17 Aug 2015	10678.3		13390.90	17469.15	Engine Power Check completed
23 Aug 2015	10688.4		13406.40	17495.05	CLW 150 hour engine inspection 1AW LTS 101 chp 72 Ops + leak check good. See wlo #1671 for Soloy Helicopters for further details. CLW 600 hour engine inspection 1AW LTS 101 chp 72 ops + leak check good. See wlo 1671 for Soloy Helicopters. CLW 300 hour engine inspection 1AW LTS 101 chp 72 ops + leak check good. Reference wlo #1671 for Soloy Helicopters.
24 Aug 2015	10692.4		13411.40	17502.90	Power Check Completed
14 Mar 2016	10749.7		13459.9	17611.00	Completed Delta P check - Reading was 6.8 psi (48%) Engine run up conducted, no leaks noted.
18 Mar 2016	10749.9		13461.0	17614.25	Removed FCU P/N 4-301-288-06 S/N 334758 TSO: 912.2 For compliance w/ SB 101-73-20-0272R2 and installed FCU P/N 4-301-288-06 S/N 50214 TSO: 562.0. Bled fuel system.

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

OPERATING & MAINTENANCE RECORD

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 4-001-000-33

S/N LE-461130

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
Continued from previous Side:					and performed air leak test. Checks good. All work completed. IAW LT501 m.m. Chapter 73. Reference Flight Log page 21290 for Soloy Helicopters. Complied w/ topping check and Performed Post maintenance check. Flight w/ no defects noted.
12 Apr 2016	10795.2		13477.5	17650.9	Performed Power Check - Alt 700, OAT -10, TQ 87, TOT 730, Ng 93, Nr 390.
17 Apr 2016	10811.7		13481.7	17660.95	Performed Power Check - Alt: 1000, OAT -20°C, TQ 90, TH 725, Ng 93, Nr 390.
22 Apr 2016	10826.2		13488.3	17676.7	Complied with 150 hour engine inspection. Reference w/ 1744 for Soloy Helicopters. Delta P Check was completed per SBLT-101-7100-0251. Upper limit 14.2 gage 6.9. 48% Results good. Clw Leak Checks + ground runs.
25 May 2016	10845.7		13509.50	17710.55	Performed Power Check Alt 2000, OAT 12°C, TQ 94, TH 825, Ng 99, Nr 393.
1 Jun 2016	10845.7		13509.50	17710.55	Removed FCU P/N 4-301-288-06 S/N 50214 (loaner) T30: 657.8. Installed FCU P/N 4-301-288-06 S/N 334758 T30: 913.1 Clw Ice Ice for rigging check IAW LT5101 m.m. Chpt. 73-20-01. Clw Ground runs + topping check IAW Sup 73-20-00. Check good. Reference log page 21946 for N3503HA at Soloy Helicopters LLC.

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

OPERATING & MAINTENANCE RECORD

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 4-001-000-33

S/N LE-441130

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
2 June 2016	10847.1		13516.50	17718.65	Performed power check Alt. 2000 OAT +8°C Torque 94% T4 830 Nq 98 Nr 390 Results Good +10°C
9 June 2016	10859.3		13533.30	17751.05	Performed power check Alt 2000 OAT +13°C Tq 93% T4 840° Nq 98% Nr 392 Results Good +15°C
23 June 2016	10893.8		13591.80	17836.90	Completed Power Check Results Good +20°C Ref Log page ²¹⁹⁸² for N350SH for Soly Helicopters LLC
18 July 2016	10900.6		13600.10	17849.90	Completed Power Check Results Good +5° Reference log page 21986 for N350SH @ Soly Helicopters, LLC
29 July 2016	10929.9		13626.90	17892.00	Performed engine power check Alt 2000 OAT 15°C Torque 92% T4 825 Nq 99 Nr 395 Reference log page 21994 for N350SH @ Soly Helicopters LLC
5 Aug 2016	10935.4		13630.70	17897.4	Clw Delta P check per Honeywell SB Results 6.1 PSI No defects noted at this time. Clw Ground run & leak check No leaks noted.
10 Aug 2016	10941.8		13637.30	17908.00	Completed Power Check Results Good +10°C Ref. log book page 22000 for N350SH @ Soly Heli.
31 Aug 2016	10953.125 10981.2		13654.70	17984.05	Clw extension of 300hr engine inspection. Now due @ Engrt 110184 Completed power check Results Good +30°C Ref logbook 22811 for Soly Helicopters Aircraft N350SH.
14 Sept 2016	10939.7 10941.6		13692.30	17998.70	Clw 150/300 hour engine inspections Reference W/O 5098 for Soly Helicopters
7 Nov 2016	11007.9		13711.10	18034.35	Completed Power Check Alt 2200 OAT +3°C Torque 92% T4 820 Nq 97% Nr 393 Results Good 0°C Reference Log Page 22822 for N350SH @ Soly Helicopters

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: 4-001-000-33

OPERATING & MAINTENANCE RECORD

S/N LE-46113C

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
16 Nov 2016	11019.8		13722.90	18058.25	Performed engine power check Results Good +25°C Reference log book page 22827 for N350SH @ Soloy Helicopters.
18 Dec 2016	11031.4		13735.50	18061.90	Removed FCU PIN 4-301-288-06 SIN 334758 TSO 1099.0 for install on N160SH. Installed FCU PIN 4-301-288-09 SIN 335798 TSO 1734.1 from N160SH. Work done TAW
					TS 101-70002 mm. Throttle Full open & closed checked & adjusted. Clw Flight check & Power Check w/ no defects. Power Check results 0°C Reference log page 22833 for N350SH for Soloy Helicopters.
					Clw Ground run & leak check w/ no defects noted.
21 Feb 2017	11031.8		13736.70	18090.35	Clw Engine 150, 300, 600, 1200 hr inspections & engine
					then Shaft 1200/48 mo insp Reference w/ 5111 for Soloy Helicopters LLC.
					Clw Operational check flight & Power check no defects noted. Power Check Results +15°C Ref log page 22834 for Soloy Helicopters.
30 Mar 2017	11074.8		13758.0	18162.9	Clw engine Power check Results Good +9.4°C Ref log book 22844 for Soloy Helicopters, LLC.
10 Apr 2017	11096.3		13763.9	18169.3	Completed Power Check Results Good +2.7°C Ref log page 22848 for N350SH @ Soloy Helicopters
2 May 2017	11109.9		13774.30	18190.70	Clw Delta P Check TAW LTS 101-70002 mm ch. 5 Results 6.2 PSI within limits now due @ Engrt: 11209.9

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

OPERATING & MAINTENANCE RECORD

MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 4-001-000-33

S/N LE-46113C

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
13 May 2017	11129.6		13284.5	18211.50	Oil Filter by-pass extended during flight ops, reset + extended again at end of the day. Inspected Oil Chip Plugs for ^{presence} of metal chips. No defects noted, removed + replaced Oil filter ISW Engine m.m. Chapter 79. Power Check Completed Results Good +8°C Ref Log page 23956 for N3503H For Soly Helicopters, LLC. C/w Ground run + leak check for Oil Filter replacement. No defects noted @ this time.
6 June 2017	11169.1		13517.60	18255.05	Completed Power Check Results Good +8.2°C Ref log book page 23976 for N3503H @ Soly Helicopters
7 June 2017	11169.8		13520.20	18290.05	C/w 1001501300 engine insp. ISW Honeywell Lycoming m.m. Performed engine compressor wash ISW US10170002 m.m. CA 72-00-00
8 June 2017	11169.8 11172.3		13820.20	18290.05	Engine Oil pressure gauge not indicating at start up. Inspected + cleaned electrical connections at pressure sensor, engine deck, and at indicator connection. Applied Stabilant 22 to same connections as were inspected. Performed ground run + ops check. Ops check good work done ISW Amm Ch. 80. Power Check completed Results Good 8.2°C Reference Log Page 23978 for N3503H @ Soly Helicopters.
15 June 2017	11183.3		13833.50	18314.65	Power Check completed Results Good +12.2°C
23 June 2017	11195.0		13841.20	18331.95	Operator request performance of compressor wash. Compressor wash completed ISW CA 73-00-00.

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

OPERATING & MAINTENANCE RECORD

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 4-001-00-33

S/N LE-46113C

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
26 June 2017	11197.7	13244.70 ^{23 June}	13844.70	18339.10	Engine Oil temp gauge shows erratic reading + needle bouncing. Removed engine oil temp gauge P/N 64818-020-1 (70U447633032) S/N 1547 and replaced w/ overhauled unit of same P/N S/N 3796 work done JAW Amm ch. 20. Power Check completed Results Good -17.2°C Ref Log page 23989 for N3508H Operational Check + ground runs completed w/ Satisfactory Results
29 June 2017	111205.3		13890.90	18390.39	Removed Airflow Modulator P/N 4301-102-12 S/N 2853 and Installed New unit P/N 4301-102-12 S/N 2403 work done JAW Engine mm 75-30-02 ⁷⁵⁻³⁰⁻⁰² . Ball joint on Governor cable has play. Removed ball joint P/N 5529 + installed new unit P/N 5529 JAW Amm 76-11-01, 4-1 Operational ground run + ops check completed No defects noted for airflow mod, + ball joint on Governor Power Check completed Results Good +12.2°C Reference Log pages 23991 + 23992 for N3508H at Soloy Helicopters, LLC
6 July 2017	11223.6		13863.50	18376.80	Power Check completed Results Good +16.7°C Ref. Log page 23996 for N3508H for Soloy Helicopters.
16 July 2017	11224.6		13879.90	18412.95	Power Check completed Results Good 17.7°C Ref. Log page 23103 for N3508H @ Soloy Helicopters.
21 July 2017	11255.9		13888.20	18429.65	Power Check completed Results Good 22.0°C Ref. Log page 23107 for N3508H @ Soloy Helicopters.

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: 4-001-00-33

OPERATING & MAINTENANCE RECORD

S/N LE-46113C

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
22 Aug 2017	11257.8		13893.10	18439.15	Clw Delta P Check IAW 52101-71-00-0251.
					Power Check completed Results Good +14.4°C Ref log page 23108 for N350SH @ Soloy Helicopters, LLC
25 Aug 2017	11269.0		13910.70	18470.15	Engine Oil Filter Bypass indicator popped. Drained engine oil & resericed engine oil reservoir. Removed & replaced engine oil filter. Ground run & leak check completed. Ref log page 23111 for N350SH @ Soloy Helicopters, LLC.
26 Aug 2017	11270.0		13914.80	18477.40	Completed Powercheck Results Good TU +29.3°C
30 Aug 2017	11280.1		13923.10	18491.10	Power check performed Results Good +30.5°C Ref log page 23116 for N350SH @ Soloy Helicopters, LLC
2 Aug 2017	11290.1		13934.00	18511.50	Power Check completed Results Good +18°C Ref log page 23119 for Soloy Helicopters.
3 Aug 2017	11291.6		13935.70	18514.40	Power Check completed Results Good +18°C Ref log page 23120 for Soloy Helicopters.
4 Aug 2017	11292.9		13939.20	18521.15	Added 10% tolerance to Engine 1200hr inspection Now due at Engrt 11428.9 Ref log page 23121 for Soloy Helicopters.
9 Aug 2017	11310.1		13952.80	18545.55	Clw 150 hour engine inspection IAW LTS 101 mm Chapter 7200-00. Clw ground run & leak checks
11 Aug 2017	11312.9		13955.70	18550.45	Power Check completed Results Good +21°C Ref log page 23128 for Soloy Helicopters.
21 Aug 2017	11326.0		13964.00	18568.60	Delta P Check completed Ref. LTS 101-71-00 No defects at this time Results 23164 Pass @ 49%

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

OPERATING & MAINTENANCE RECORD

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 4-001-00-33

S/N LE-461130

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
continued from Delta P Check					clw oil leak IAW Delta P Check Ref. Log pages 23133 + 23134 - No leaks noted
24 Aug 2017	11339.0		13972.80	18583.65	Power Check completed Results Good @ T4 Mar +15.5°C
6 Sept 2017	11351.1		13987.00	18608.15	Power Check completed Results Good @ T4 Mar +16.3°C
14 Sept 2017	11367.0		14012.60	18659.35	Power Check completed Results Good @ T4 Mar +10.0°C
16 Sept 2017	11373.5		14030.20	18672.90	Power Check completed Results Good @ T4 Mar +14.4°C
17 Sept 2017	11376.5		14032.60	18675.60	Power Check completed Results Good @ T4 Mar +10.5°C
1 Oct 2017	11387.8		14034.30	18700.50	Power Check completed Results Good @ T4 Mar +19.9°C
3 Oct 2017	11394.4		14041.50	18714.55	Power Check completed Results Good @ T4 Mar +15.4°C
10 Oct 2017	11407.8		14052.40	18734.70	Power Check completed Results Good @ T4 Mar +8.4°C
13 Oct 2017	11412.4		14056.10	18742.85	clw 1200hr/148 mo Soloy Solutions engine insp. Reference W/O 5149 under Soloy Helicopters CRST 2512/1400
16 Oct 2017	11417.0		14061.10	18756.05	Added a 10% tolerance to T1 sensor P/N 4-301-099-07 S/N 85300046 Now clw @ Eng# 11480.5
					Power Check completed Results Good @ T4 Mar
14 Nov 2017	11423.0		14075.00	18793.35	Replaced T1 sensor P/N 4-301-099-07 S/N 85300046 TSO: 2382.5 + installed T1 sensor P/N 4-301-099-07 S/N 16953 Reference log page 25023 for Soloy Helicopters
6 Dec 2017	11424.23				clw Pneumatic leak check due to T1 sensor replacement - leak check performed on engine air lines - No leaks found.
6 Dec 2017	11424.2		14075.80	18795.60	Power Check completed Results Good @ T4 Mar +21.4°C

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

ERG-LB-4

☒ ENGINE☐ MODULE: ☐ AGB ☐ GP ☐ PT

OPERATING & MAINTENANCE RECORD

☒ PN: 4-001-00-33 S/N LE-461130

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
9-Feb-18	11432.4		14086.90	18823.75	C/W Engine 150, 300, 600 hour inspections Reference W/O 5155 under Soloy Helicopters
					CRS #2SYR140N, Operational check flight completed as per AS350 flight manual CH 8,
					no defect noted at this time Power Check completed w/ Results @ T4 mar 19.1°C
15-Mar-18	11442.3		14089.90	18832.05	Power Check completed Results @ T4 mar 20.5°C
16-Mar-18	11445.1		14090.50	18833.60	Power Check completed Results @ T4 mar 20.9°C
6-Apr-18	11492.2		14104.50	18882.00	Power Check completed Results @ T4 mar 10.2°C
11-Apr-18	11513.2		14110.20	18900.15	Power Check completed Results @ T4 mar 17.2°C
23-May-18	11513.9		14110.70	18901.75	Removed PT Governor P/N 4-301-289-05 S/N 18898 TSO: 1257.8 due 900 hr inspection,
					installed PT Governor P/N 4-301-289-11 S/N 24335 TSO: 1423.2 IAW Soloy Aviation
					Solutions MM and LTS 101 700D2 MM. Flight check and leak check to be performed.
					C/W Delta P Check IAW LT 101-71-00-0251 Pressure @ 6.1 next due @ ENGTT 11663.9
24-May-18	11514.1		14113.10	18905.00	C/W leak check of governor, no defect @ this time, power check completed results @
					T4 margin +26.3°C
2-Jul-18	11519.2		14115.70	18910.35	Power Check completed Results @ T4 mar 18.6°C
20-Jul-18	11542.7		14140.10	18959.55	C/W 150, 300 hour engine inspections, Delta P Check performed IAW SB -0251 PSI 5.1
					Reference W/O 5178 under CRS #2SYR140N
23-Jul-18	11560.4		14150.90	18980.95	Power Check completed Results @ T4 mar 1.20°C
11-Aug-18	11617.5		14211.80	19127.35	Power Check completed Results @ T4 mar 11.4°C

☒ ENGINE

OPERATING & MAINTENANCE RECORD

☐ MODULE: ☐ AGB ☐ GP ☐ PT

☒ PN: 4-001-00-33 S/N LE-46113C

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
	TSN	TSO	Ng Cycles	Np Cycles	
13-Aug-18	11625.5		14215.80	19135.50	C/W Fuel Pump and FCU removal and replacement IAW AS350bB2 MM and LTS 101-700D2 MM
					Removed Fuel Pump P/N 4-301-377-12 S/N 4AFP946 TSO: 1671.3 due 600 hour inspection per
					SB LT 101-73-20-0264 and installed Fuel Pump P/N 4-301-377-12 S/N OAFP441 TSO: 1091.1
					Removed FCU P/N 4-301-288-09 S/N 335798 TSO: 2328.1 due overhaul and installed FCU
					P/N 4-301-288-12 S/N 53901 TSO: 0.0 Reference log page 24585 for Soloy Helicopters
					Maintenance test flight completed after replacement of fuel control. Ops check good, no
					defects noted.
14-Aug-18	11630.3		14219.00	19147.10	Power Check completed Results @ T4 mar 5.6°C
16-Aug-18	11637.7		14223.60	19160.30	C/W 150, 300 hour engine inspections Reference W/O 1889 for Soloy Helicopters
27-Aug-18	11683.9		14248.50	19243.25	Added 10% tolerance (+180) to the 1800 hr engine inspection, now due at ENGTT: 12088.9
29-Aug-18	11695.0		14255.90	19268.40	Power Check completed Results @ T4 mar 9.4°C
8-Sep-18	11739.6		14275.90	19333.90	Power Check completed Results @ T4 mar 24.2°C
8-Oct-18	11766.7		14299.00	19397.55	Power Check completed Results @ T4 mar 18.6°C
18 Oct 2018	11775.5		14304.30	19411.05	C/W 150 hour engine insp. Reference W/O 5190 under
					Soloy Helicopters CRS#2542140N Bshaw
23 Oct 2018	11778.9		14307.10	19420.30	Power Check completed Results Good @ T4 mar +7.2°C
29 Oct 2018	11783.2		14312.20	19434.50	Engine removed from N3503H @ AFT 10855.1 to
					send out for 1500 hour inspection Bshaw

☒ ENGINE

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN: 4-001-000-33

OPERATING & MAINTENANCE RECORD

S/N LE46113C

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS					
	TSN	TSO	Ng Cycles	Np Cycles						
07/02/19	11783.20	/	14312.20	19434.50	 airwork (NZ) LIMITED Turbine Support Services LT101 Authorised Service Centre Airfield Road, Ardmore Papakura, Auckland New Zealand Phone: +64 9 295 2100 Fax: +64 9 295 2103 07 February 2019 <table border="1"><tr><td>Engine Model: LTS101-700D-2</td><td>Part No: 4-001-000-33</td><td>Serial No: LE46113C</td><td>TSN: 11783.20</td><td>Ng CSN: 14312.20 Np CSN: 19434.50</td></tr></table> 1800 Hour Hot Section and Gearbox Inspection carried out. Engine tested for leaks, power and vibrations with reference to TI 8361 [Rev.C]. No discrepancies noted. Engine preservation was carried out. Following Service Bulletins were complied with: LT101-71-00-0001 (R18), LT101-71-00-0002 (R27), LT101-72-40-0103 (R7), LT101-72-50-0174 (R6), LT101-72-60-0211 (R4), LTS101-73-10-0240 (R1), LT101-71-00-0251 (R2), LT101-72-50-0258 (R3), LT101-71-00-0263 (R1), LT101-72-30-0273 & LT101-73-10-0278 (R2). Following Parts were replaced: Starter Gear, Speed Sensing Gear, PTO Gear, Torque Idler Gear, Fwd and Aft clutch Brgs, Output Shaft, Sprag Clutch, Inlet Housing, Axial Rotor, Brg's #1, 2 [inner], 2 [outer], 3, 8, 20, 21, 22, 23, 24 & Retention Brg; #1 Seal, #3 Seal Hsng, Coil Springs [x20], Seal Rings & Springs (x3), RBSH, Combustion Liner, Curl, Thermocouple [x1], Oil Feed Ring, Fuel and Oil Filters. Following Clearances & Tolerances were maintained: GP Shaft stretch 0.0125" @ 180 ft.lbs, Impeller "C" Clearance 0.025", Gp Tip Clearance 0.012" - 0.014", E clearance 0.082", Pt Tip Clearance 0.012". Final ΔP 6.0/15.3 PSID (39.2%). All work performed IAW LTS101-2.1 MM (Rev.18) dated 19 January 2015 and LTS101-3 OHM (R3) dated 30 July 2010. Job details held on file under Airwork [NZ] Ltd work order WO-117195. The maintenance recorded above was accomplished in accordance with Title 14, Code of Federal Regulations Part 43. In respect to that work, the Engine is approved for release to service. For Airwork (NZ) Ltd, B Garner, AWM 685. 	Engine Model: LTS101-700D-2	Part No: 4-001-000-33	Serial No: LE46113C	TSN: 11783.20	Ng CSN: 14312.20 Np CSN: 19434.50
Engine Model: LTS101-700D-2	Part No: 4-001-000-33	Serial No: LE46113C	TSN: 11783.20	Ng CSN: 14312.20 Np CSN: 19434.50						
7 MAR 19	11782.2	/	14312.2	19434.5		ENGINE INSTALLED ON N350SK SN#3023 @ AFTT:10555.1. REF WK 5193				
						NOT USED REFER TO NEXT PAGE				

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: HONEYWELL MODEL: LTS101-700D2 OPERATING & MAINTENANCE RECORD
 MODULE: ☐ AGB ☐ GP ☐ PT PN: 4-001-000-33 S/N: LE-46113C

DATE	A/C Type & S/N	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
		TSN	TSO	Ng Cycles	Np Cycles	
1800 hour performed by Airwork						
7-Mar-19	AS350B2 / 3073	11783.4	16.7	14314.80	19438.80	Power Check completed. results @ T4 +14 C. Ref Log Page 26277.
8-Mar-19	AS350B2 / 3073	11783.4	16.7	14314.80	19438.80	Removed and replaced NG sensor due to indication delay. Removed PN/SN unlegible. New PN: 4-301-062-02 SN: 9300001. Performed ground run/leak check. No defects noted. Refer to Log Page 26277.
12-Mar-19	AS350B2 / 3073	11784.6	17.9	14316.00	19441.20	Rigged PT Governor IAW Soloy Aviation Solutions LTS101-700D2 MM Ch. 73. Found to be within limits. No defects noted. Refer to Log Page 26278.
29-Mar-19	AS350B2 / 3073	11812.5	45.8	14325.60	19473.10	Power Check completed. results @ T4 +19 C. Ref Log Page 26286.
6-Apr-19	AS350B2 / 3073	11847.9	81.2	14332.70	19498.90	Power Check completed. results @ T4 +15 C. Ref Log Page 26291.
18-Apr-19	AS350B2 / 3073	11861.2	94.5	14336.70	19508.45	C/W 150 hour engine inspection IAW LTS101-700D2 MM Ch. 72. No defects noted. Refer to field work order 1878. Power Check completed. results @ T4 +17 C. Refer to Log Page 26294.
27-May-19	AS350B2 / 3073	11869.1	102.4	14340.10	19519.95	Power Check completed. results @ T4 +8 C. Ref Log Page 26298.
29-May-19	AS350B2 / 3073	11870.9	104.2	14341.90	19525.30	Power Check completed. results @ T4 +14 C. Ref Log Page 26299.
3-Jun-19	AS350B2 / 3073	11880.7	114.0	14347.10	19533.45	Power Check completed. results @ T4 +31 C. Ref Log Page 27101.
4-Jun-19	AS350B2 / 3073	11882.1	115.4	14348.80	19535.70	C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 5.8 PSI. Power Check completed. Results @ T4 +37 C. No defects noted. Refer to Log Page 27102.
11-Jun-19	AS350B2 / 3073	11890.3	123.6	14355.10	19544.20	Power Check completed. results @ T4 +28 C. Ref Log Page 27105.
19-Jun-19	AS350B2 / 3073	11927.1	160.4	14402.80	19596.00	Power Check completed. results @ T4 +27 C. Ref Log Page 27113.
21-Jun-19	AS350B2 / 3073	11935.7	169.0	14419.40	19614.70	C/W 150 hour engine inspection IAW LTS101-700D2 MM Ch. 72. No defects noted. Refer to Log Page 27115.
3-Jul-19	AS350B2 / 3073	11953.9	187.2	14449.50	19657.65	Power Check completed. results @ T4 +32 C. Ref Log Page 27121.
4-Jul-19	AS350B2 / 3073	11957.4	190.7	14453.90	19662.20	Power Check completed. results @ T4 +24 C. Ref Log Page 27122.
7-Jul-19	AS350B2 / 3073	11967.9	201.2	14474.60	19688.25	C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 7.0 PSI. Power Check completed. Results @ T4 +17 C. No defects noted. Refer to Log Page 27125.
12-Jul-19	AS350B2 / 3073	11979.4	212.7	14497.70	19722.15	Power Check completed. results @ T4 +18 C. Ref Log Page 27130.

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

ENGINE: HONEYWELL MODEL: LTS101-700D2 OPERATING & MAINTENANCE RECORD
 MODULE: ☐ AGB ☐ GP ☐ PT PN: 4-001-000-33 S/N: LE-46113C

DATE	A/C Type & S/N	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
		TSN	TSO	Ng Cycles	Np Cycles	
13-Jul-19	AS350B2 / 3073	11982.6	215.9	14502.10	19725.80	Power Check completed. results @ T4 +17 C. Ref Log Page 27131.
14-Jul-19	AS350B2 / 3073	11987.5	220.8	14508.00	19732.50	Power Check completed. results @ T4 +28 C. Ref Log Page 27132.
16-Jul-19	AS350B2 / 3073	11996.7	230.0	14518.70	19747.55	Power Check completed. results @ T4 +14 C. Ref Log Page 27134.
17-Jul-19	AS350B2 / 3073	12002.4	235.7	14523.20	19753.70	C/W Delta P Check IAW LT 101-71-00-0251. Pressure good. Power Check completed. Results @ T4 +2 C. No defects noted. Refer to Log Page 27135.
19-Jul-19	AS350B2 / 3073	12013.9	247.2	14536.40	19769.25	Power Check completed. results @ T4 +26 C. Ref Log Page 27137.
21-Jul-19	AS350B2 / 3073	12022.9	256.2	14548.10	19780.75	Power Check completed. results @ T4 +18 C. Ref Log Page 27139.
22-Jul-19	AS350B2 / 3073	12027.5	260.8	14561.10	19790.50	Power Check completed. results @ T4 +32 C. Ref Log Page 27140.
23-Jul-19	AS350B2 / 3073	12031.8	265.1	14567.90	19796.50	Power Check completed. results @ T4 +26 C. Ref Log Page 27141.
24-Jul-19	AS350B2 / 3073	12033.8	267.1	14570.90	19800.35	Power Check completed. results @ T4 +8 C. Ref Log Page 27142.
26-Jul-19	AS350B2 / 3073	12041.9	275.2	14582.80	19814.95	Power Check completed. results @ T4 +3 C. Ref Log Page 27144.
29-Jul-19	AS350B2 / 3073	12055.1	288.4	14601.00	19835.55	Power Check completed. results @ T4 +4 C. Ref Log Page 27147.
30-Jul-19	AS350B2 / 3073	12058.6	291.9	14604.60	19842.10	Power Check completed. results @ T4 +11 C. Ref Log Page 27148.
31-Jul-19	AS350B2 / 3073	12062.8	296.1	14609.60	19850.45	C/W 150 hour engine inspection IAW LTS101-700D2 MM Ch. 72. C/W engine oil and filter change IAW SB LT101-71-00-0263. Power Check completed. results @ T4 +6 C. No defects noted. Refer to Log Page 27149.
5-Aug-19	AS350B2 / 3073	12077.4	310.7	14627.30	19880.60	Power Check completed. results @ T4 +11 C. Ref Log Page 27754.
7-Aug-19	AS350B2 / 3073	12084.5	317.8	14636.70	19896.70	Power Check completed. results @ T4 +3 C. Ref Log Page 27756.
8-Aug-19	AS350B2 / 3073	12088.2	321.5	14641.40	19903.65	C/W Delta P Check IAW LT 101-71-00-0251. Pressure good. No defects noted. Refer to Log Page 27757.
13-Aug-19	AS350B2 / 3073	12099.7	333.0	14653.60	19930.20	Power Check completed. results @ T4 -4 C. Ref Log Page 27762.

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

ENGINE: HONEYWELL MODEL: LTS101-700D2 OPERATING & MAINTENANCE RECORD
 MODULE: ☐ AGB ☐ GP ☐ PT PN: 4-001-000-33 S/N: LE-46113C

DATE	A/C Type & S/N	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
		TSN	TSO	Ng Cycles	Np Cycles	
15-Aug-19	AS350B2 / 3073	12105.9	339.2	14659.50	19940.45	Power Check completed. results @ T4 +21 C. Ref Log Page 27764.
16-Aug-19	AS350B2 / 3073	12111.2	344.5	14663.20	19949.80	Power Check completed. results @ T4 +37 C. Ref Log Page 27765.
18-Aug-19	AS350B2 / 3073	12122.3	355.6	14672.60	19974.05	Power Check completed. results @ T4 +16 C. Ref Log Page 27767.
19-Aug-19	AS350B2 / 3073	12128.5	361.8	14675.70	19982.50	Power Check completed. results @ T4 +16 C. Ref Log Page 27768.
21-Aug-19	AS350B2 / 3073	12136.4	369.7	14681.70	19995.35	Power Check completed. results @ T4 +2 C. Ref Log Page 27770.
23-Aug-19	AS350B2 / 3073	12144.8	378.1	14684.60	20002.35	Power Check completed. results @ T4 +10 C. Ref Log Page 27772.
28-Aug-19	AS350B2 / 3073	12171.7	405.0	14708.40	20037.50	Power Check completed. results @ T4 +3 C. Ref Log Page 27777.
29-Aug-19	AS350B2 / 3073	12176.4	409.7	14713.60	20048.90	Power Check completed. results @ T4 +16 C. Ref Log Page 27778.
30-Aug-19	AS350B2 / 3073	12186.3	419.6	14717.50	20054.15	C/W Delta P Check IAW LT 101-71-00-0251. Pressure good. No defects noted. Refer to Log Page 27779.
1-Sep-19	AS350B2 / 3073	12191.2	424.5	14721.50	20060.65	Power Check completed. results @ T4 +39 C. Ref Log Page 27781.
2-Sep-19	AS350B2 / 3073	12193.3	426.6	14724.60	20064.80	Power Check completed. results @ T4 +14 C. Ref Log Page 27782.
3-Sep-19	AS350B2 / 3073	12195.7	429.0	14727.50	20067.20	Power Check completed. results @ T4 +20 C. Ref Log Page 27783.
6-Sep-19	AS350B2 / 3073	12207.3	440.6	14751.00	20097.35	C/W 150 hour engine inspection IAW LTS101-700D2 MM Ch. 72. C/W engine oil and filter change IAW SB LT101-71-00-0263. No defects noted. Refer to Log Page 27786.
10-Sep-19	AS350B2 / 3073	12214.3	447.6	14779.40	20136.10	Power Check completed. results @ T4 +13 C. Removed fuel pump PN: 4-301-377-12 SN: QAFP441BCC and installed PN: 4-301-377-12 SN: 4AFP410. No defects noted. Ref Log Page 27790.
11-Sep-19	AS350B2 / 3073	12215.6	448.9	14781.90	20140.50	Power Check completed. results @ T4 +7 C. Ref Log Page 27791.
15-Nov-19	AS350B2 / 3073	12242.3	475.6	14801.20	20178.25	C/W 150 hour, 300 hour, 600 hour inspections, engine compressor wash and vibe check IAW LTS101-700D2 MM Ch. 72. C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 6.1 PSI. C/W engine oil and filter change IAW SB LT101-71-00-0263. Governor PN: 4-301-289-11 SN: 24335 removed for overhaul and reinstalled after overhaul. Performed ground run/leak check. No defects noted. Refer to work order 5242 under Soloy Helicopters CRS 25YR140N.
15-Nov-19	AS350B2 / 3073	12243.0	476.3	14805.00	20190.00	Power Check completed. results @ T4 +18 C. Ref Log Page 29103.

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

ENGINE: HONEYWELL MODEL: LTS101-700D2 OPERATING & MAINTENANCE RECORD
 MODULE: ☐ AGB ☐ GP ☐ PT PN: 4-001-000-33 S/N: LE-46113C

DATE	A/C Type & S/N	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
		TSN	TSO	Ng Cycles	Np Cycles	
12-Dec-19	AS350B2 / 3073	12250.3	483.6	14810.35	20204.30	Power Check completed. results @ T4 +21 C. Ref Log Page 29108.
21-Dec-19	AS350B2 / 3073	12253.0	486.3	14812.40	20210.70	Power Check completed. results @ T4 +14 C. Ref Log Page 29110.
24-Jan-20	AS350B2 / 3073	12259.9	493.2	14816.40	20225.70	Power Check completed. results @ T4 +19 C. Ref Log Page 29114.
26-Jan-20	AS350B2 / 3073	12265.4	498.7	14819.20	20238.35	NR Horn fuse found blown. Removed and replaced fuse HA2125. Function checked good. No defects found. Refer to log page 29116.
25-Feb-20	AS350B2 / 3073	12285.0	518.3	14838.90	20292.35	C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 5.9 PSI. No defects noted. Refer to Log Page 27757.
15-May-20	AS350B2 / 3073	12343.3	576.6	14878.30	20368.15	Power Check completed. results @ T4 +27 C. Ref Log Page 29145.
19-May-20	AS350B2 / 3073	12356.1	589.4	14897.80	20400.75	Power Check completed. results @ T4 +13 C. Ref Log Page 29149.
21-May-20	AS350B2 / 3073	12363.1	596.4	14912.00	20461.00	Power Check completed. results @ T4 +2 C. Ref Log Page 29251.
25-May-20	AS350B2 / 3073	12374.9	608.2	14931.10	20470.50	Power Check completed. results @ T4 +22 C. Ref Log Page 29255.
27-May-20	AS350B2 / 3073	12379.6	612.9	14742.80	20488.40	C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 6.9 PSI. No defects noted. Refer to Log Page 29258.
28-May-20	AS350B2 / 3073	12381.8	615.1	14946.10	20493.90	C/W 150 hour inspection IAW LTS101-700D2 MM Ch. 72. Power Check completed. results @ T4 +15 C. Ref Log Page 29258.
29-May-20	AS350B2 / 3073	12382.2	615.5	14946.80	20494.90	Power Check completed. results @ T4 +12 C. Ref Log Page 29259.
3-Jun-20	AS350B2 / 3073	12394.1	627.4	14962.00	20525.25	Power Check completed. results @ T4 +10 C. Ref Log Page 29263.
4-Jun-20	AS350B2 / 3073	12398.7	632.0	14967.00	20532.00	Power Check completed. results @ T4 +15 C. Ref Log Page 29264.
7-Jun-20	AS350B2 / 3073	12402.8	636.1	14973.20	20542.40	Power Check completed. results @ T4 +10 C. Ref Log Page 29267.
9-Jun-20	AS350B2 / 3073	12405.9	639.2	14976.80	20548.55	Power Check completed. results @ T4 +5 C. Ref Log Page 29269.
13-Jun-20	AS350B2 / 3073	12409.3	642.6	14979.20	20553.00	Power Check completed. results @ T4 +30 C. Ref Log Page 29271.

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

ENGINE: HONEYWELL **MODEL:** LTS101-700D2 **OPERATING & MAINTENANCE RECORD**
MODULE: ☐ AGB ☐ GP ☐ PT **PN:** 4-001-000-33 **S/N:** LE-46113C

DATE	A/C Type & S/N	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
		TSN	TSO	Ng Cycles	Np Cycles	
16-Jun-20	AS350B2 / 3073	12409.3	642.6	14979.20	20553.00	Pilot reported engine oil temp gauge reading high. Removed and replaced engine oil thermostatic vale PN: 704A34636001 IAW AMM 79-21-00, 4-4. Removed and replaced engine oil temp probe PN: 704A37634020 IAW AMM 79-11-00, 4-1. Completed engine oil/filter change IAW LTS 101-70D2 MM due to possible contamination. Ground rung, leak check, and ops check good. Refer to Log Page 29272.
17-Jun-20	AS350B2 / 3073	12414.9	648.2	14985.90	20562.00	Power Check completed. results good @ +0 C. Ref Log Page 29273.
18-Jun-20	AS350B2 / 3073	12422.0	655.3	14989.30	20567.05	Power Check completed. results good @ +30 C. Ref Log Page 29274.
19-Jun-20	AS350B2 / 3073	12426.6	659.9	14994.20	20573.45	Power Check completed. results good @ +30 C. Ref Log Page 29275.
21-Jun-20	AS350B2 / 3073	12441.0	674.3	15003.60	20585.50	Power Check completed. results good @ +20 C. Ref Log Page 29277.
22-Jun-20	AS350B2 / 3073	12447.6	680.9	15004.30	20587.75	Power Check completed. results good @ +15 C. Ref Log Page 29278.
23-Jun-20	AS350B2 / 3073	12450.2	683.5	15007.20	20591.85	Power Check completed. results good @ +10 C. Ref Log Page 29279.
24-Jun-20	AS350B2 / 3073	12453.6	686.9	15008.40	20594.50	Power Check completed. results good @ +20 C. Ref Log Page 29280.
25-Jun-20	AS350B2 / 3073	12455.3	688.6	15011.90	20600.00	Power Check completed. results good @ +30 C. Ref Log Page 29281.
26-Jun-20	AS350B2 / 3073	12456.0	689.3	15012.80	20601.05	Power Check completed. results good @ +30 C. Ref Log Page 29282.
27-Jun-20	AS350B2 / 3073	12459.9	693.2	10518.90	20609.10	Power Check completed. results good @ +20 C. Ref Log Page 29283.
29-Jun-20	AS350B2 / 3073	12463.2	696.5	15027.60	20619.85	Power Check completed. results good @ +30 C. Ref Log Page 29285.
30-Jun-20	AS350B2 / 3073	12466.7	700.0	15033.00	20626.60	Power Check completed. results good @ +10 C. Ref Log Page 29286.
1-Jul-20	AS350B2 / 3073	12469.5	702.8	15038.00	20635.80	Removed PT Governor PN: 4-301-289-11 SN: 24335 for overhual, TSO: 2378.8. installed servicable PT Governor PN: 4-301-289-11 SN: 28297, TSO: 555.9. Ground run, leak check good. Power Check completed. results good @ +19 C. Ref Log Page 29287.
2-Jul-20	AS350B2 / 3073	12472.5	705.8	15047.30	20646.75	C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 6.6 PSI. No defects noted. Power Check completed. results good @ +30 C. Ref Log Page 29288.
5-Jul-20	AS350B2 / 3073	12477.0	710.3	15057.80	20658.80	Power Check completed. results good @ +30 C. Ref Log Page 29291.

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

ENGINE: HONEYWELL MODEL: LTS101-700D2 OPERATING & MAINTENANCE RECORD
 MODULE: ☐ AGB ☐ GP ☐ PT PN: 4-001-000-33 S/N: LE-46113C

DATE	A/C Type & S/N	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
		TSN	TSO	Ng Cycles	Np Cycles	
7-Jul-20	AS350B2 / 3073	12481.4	714.7	15070.70	20667.95	Power Check completed. results good @ +20 C. Ref Log Page 29293.
10-Jul-20	AS350B2 / 3073	12487.1	720.4	15077.10	20676.90	Power Check completed. results good @ +20 C. Ref Log Page 29296.
13-Jul-20	AS350B2 / 3073	12496.9	730.2	15096.00	20693.30	Power Check completed. results good @ +20 C. Ref Log Page 29299.
18-Jul-20	AS350B2 / 3073	12503.8	737.1	15106.20	20710.50	Power Check completed. results good @ +10 C. Ref Log Page 29704.
23-Jul-20	AS350B2 / 3073	12512.1	745.4	15128.30	20747.20	Power Check completed. results good @ +15 C. Ref Log Page 29709.
25-Jul-20	AS350B2 / 3073	12514.1	747.4	15134.70	20760.35	Power Check completed. results good @ +15 C. Ref Log Page 29711.
6-Aug-20	AS350B2 / 3073	12522.2	755.5	15153.60	20789.95	Power Check completed. results good @ +0 C. Ref Log Page 29717.
8-Aug-20	AS350B2 / 3073	12527.5	760.8	15160.90	20802.45	C/W 150 hour and 300 hour inspections IAW LTS101-700D2 MM Ch. 72. No defecs noticed. Ref Log Page 29719.
9-Aug-20	AS350B2 / 3073	12531.4	764.7	15165.10	20810.75	Power Check completed. results good @ +15 C. Ref Log Page 29720.
14-Aug-20	AS350B2 / 3073	12547.6	780.9	15185.30	20845.10	Power Check completed. results good @ +15 C. Ref Log Page 29725.
17-Aug-20	AS350B2 / 3073	12563.0	796.3	15195.20	20862.15	C/W Delta P Check IAW LT 101-71-00-0251. Passed @ 52.9%. No defects noted. Ref Log Page 29728.
18-Aug-20	AS350B2 / 3073	12569.3	802.6	15200.60	20867.90	Power Check completed. results good @ +15 C. Ref Log Page 29729.
21-Aug-20	AS350B2 / 3073	12574.5	807.8	15216.40	20888.45	Power Check completed. results good @ +20 C. Ref Log Page 29732.
23-Aug-20	AS350B2 / 3073	12583.2	816.5	15240.00	20902.55	Power Check completed. results good @ +15 C. Ref Log Page 29734.
26-Aug-20	AS350B2 / 3073	12590.6	823.9	15270.80	20927.20	Power Check completed. results good @ +20 C. Ref Log Page 29737.
31-Aug-20	AS350B2 / 3073	12604.6	837.9	15297.00	20977.25	Power Check completed. results good @ +15 C. Ref Log Page 29742.
6-Sep-20	AS350B2 / 3073	12614.0	847.3	15316.80	21013.60	Power Check completed. results good @ +10 C. Ref Log Page 29747.
10-Sep-20	AS350B2 / 3073	12622.9	856.2	15327.80	21033.20	Power Check completed. results good @ +36 C. Ref Log Page 29750.

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

ENGINE: HONEYWELL **MODEL:** LTS101-700D2 **OPERATING & MAINTENANCE RECORD**
MODULE: ☐ AGB ☐ GP ☐ PT **PN:** 4-001-000-33 **S/N:** LE-46113C

DATE	A/C Type & S/N	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
		TSN	TSO	Ng Cycles	Np Cycles	
10-Sep-20	AS350B2 / 3073	12632.4	865.7	15333.50	21046.65	Power Check completed. results good @ +32 C. Ref Log Page 30243.
17-Sep-20	AS350B2 / 3073	12639.1	872.4	15344.00	21067.55	C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 5.6 PSI. No defects noted. Ref Log Page 30247.
6-Oct-20	AS350B2 / 3073	12648.3	881.6	15349.90	21081.90	Power Check completed. results good @ +30 C. Ref Log Page 30250.
15-Oct-20	AS350B2 / 3073	12650.1	883.4	15351.50	21056.15	Power Check completed. results good @ +4 C. Ref Log Page 30251.
20-Oct-20	AS350B2 / 3073	12654.1	887.4	15352.90	21089.35	C/W 150 hour inspection IAW LTS101-700D2 MM Ch. 72. No defecs noticed. Ref Work Order 5292 under Soloy Helicopters CRS 25YR140N..
5-Nov-20	AS350B2 / 3073	12665.1	898.4	15357.00	21098.05	C/W engine compressor wash IAW LTS101-700D2 MM. No defects noticed. Reg Work Order 5294 under Soloy Helicopters CRS 25YR140N.
5-Nov-20	AS350B2 / 3073	12677.1	910.4	15362.50	21110.95	Power Check completed. results good @ +10 C. Ref Log Page 30255.
13-Nov-20	AS350B2 / 3073	12691.3	924.6	15390.70	21160.10	Power Check completed. results good @ +1 C. Ref Log Page 30263.
16-Nov-20	AS350B2 / 3073	12703.0	936.3	15402.30	21181.55	Power Check completed. results good @ +4 C. Ref Log Page 30266.
23-Nov-20	AS350B2 / 3073	12731.6	964.9	15430.00	21220.65	Power Check completed. results good @ +13.1 C. Ref Log Page 30273.
24-Nov-20	AS350B2 / 3073	12735.8	969.1	15434.00	21225.90	C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 6.8 PSI. No defects noted. Ref Wor Order 2016.
7-Dec-20	AS350B2 / 3073	12755.4	988.7	15455.30	21256.70	Power Check completed. results good @ +1.5 C. Ref Log Page 30281.
10-Dec-20	AS350B2 / 3073	12778.4	1011.7	15476.70	21316.45	Power Check completed. results good @ +17.3 C. Ref Log Page 30289.
13-Dec-20	AS350B2 / 3073	12790.1	1023.4	15487.00	21335.95	C/W 150 hour and 300 hour inspections IAW LTS101-700D2 MM Ch. 72. No defecs noticed. Ref Work Order 2017.
15-Dec-20	AS350B2 / 3073	12792.3	1025.6	15490.20	21343.75	Power Check completed. results good @ +14 C. Ref Log Page 30295.
4-Jan-21	AS350B2 / 3073	12792.5	1025.8	15490.20	21343.75	Removed Fuel Pump PN: 4-301-377-12 SN: 4AFP410B for 600 hour inspection, TSO: 1712.3, TSI: 578.2. Installed servicable Fuel Pump PN: 4-301-377-10 SN: 0AFP316A, TSO/TSI: 0.0. Ground run, leak check good. Ref Work Order 5305 under Soloy Helicopters CRS 25YR140N.
6-Jan-21	AS350B2 / 3073	12792.8	1026.1	15491.80	21349.05	Power Check completed. results good @ +11 C. Ref Log Page 30297.

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

ENGINE: HONEYWELL MODEL: LTS101-700D2 OPERATING & MAINTENANCE RECORD
 MODULE: ☐ AGB ☐ GP ☐ PT PN: 4-001-000-33 S/N: LE-46113C

DATE	A/C Type & S/N	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
		TSN	TSO	Ng Cycles	Np Cycles	
9-Jan-21	AS350B2 / 3073	12796.4	1029.7	15495.70	21359.35	Power Check completed. results good @ +19 C. Ref Log Page 30299.
12-Jan-21	AS350B2 / 3073	12802.3	1035.6	15501.00	21378.05	Power Check completed. results good @ +32.4 C. Ref Log Page 30754.
13-Jan-21	AS350B2 / 3073	12805.4	1038.7	15502.60	21381.15	Power Check completed. results good @ +18 C. Ref Log Page 30754.
4-Mar-21	AS350B2 / 3073	12805.3	1038.6	15505.60	21399.60	C/W 150 hour, 600 hour, 1200 hour inspections, engine compressor wash and vibe check IAW LTS101-700D2 MM Ch. 72. C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 6.6 PSI. C/W engine oil and filter change IAW SB LT101-71-00-0263. No defects noted. Ref Work Order 5302 under Soloy Helicopters CRS 2SYR140N.
4-Mar-21	AS350B2 / 3073	12805.7	1039.0	15508.50	21399.65	Power Check completed. results good @ +30 C. Ref Log Page 30757.
20-Mar-21	AS350B2 / 3073	12838.9	1072.2	15516.10	21427.85	Power Check completed. results good @ +1.9 C. Ref Log Page 30764.
2-Apr-21	AS350B2 / 3073	12880.2	1113.5	15521.60	21454.50	Power Check completed. results good @ +10.2 C. Ref Log Page 30772.
3-Apr-21	AS350B2 / 3073	12887.0	1120.3	15522.50	21459.25	Power Check completed. results good @ +6.9 C. Ref Log Page 30773.
5-Apr-21	AS350B2 / 3073	12894.3	1127.6	15523.00	21463.25	Power Check completed. results good @ +17.5 C. Ref Log Page 30774.
6-Apr-21	AS350B2 / 3073	12899.9	1133.2	15524.00	21467.50	C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 7.3 PSI. No defects noted. Ref Wor Order 21-036.
11-Apr-21	AS350B2 / 3073	12911.8	1145.1	15526.90	21481.10	Power Check completed. results good @ +7.7 C. Ref Log Page 30778.
13-Apr-21	AS350B2 / 3073	12917.5	1150.8	15528.50	21484.65	Power Check completed. results good @ +14 C. Ref Log Page 30779.
2-Jun-21	AS350B2 / 3073	12929.2	1162.5	15539.80	21512.90	Power Check completed. results good @ +5 C. Ref Log Page 30786.
15-Jun-21	AS350B2 / 3073	12929.2	1162.5	15539.80	21512.90	C/W 150 hour inspection IAW LTS101-700D2 MM Ch. 72. No defects noted. Ref Log Page 30786.
23-Jun-21	AS350B2 / 3073	12944.7	1178.0	15549.60	21531.00	C/W 150 hour inspection IAW LTS101-700D2 MM Ch. 72. No defects noted. Ref Work Order 5330 under Soloy Helicopters CRS 2SYR140N. Power Check completed. results good @ +11 C. Ref Log Page 30790.
8-Jul-21	AS350B2 / 3073	12970.8	1204.1	15594.00	21612.80	Power Check completed. results good @ +3.0 C. Ref Log Page 30853.
14-Jul-21	AS350B2 / 3073	12992.6	1225.9	15631.20	21653.60	C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 7.0 PSI. No defects noted. Power Check completed. results good @ +12 C. Ref Log Page 30859.

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

ENGINE: HONEYWELL MODEL: LTS101-700D2 OPERATING & MAINTENANCE RECORD
 MODULE: ☐ AGB ☐ GP ☐ PT PN: 4-001-000-33 S/N: LE-46113C

DATE	A/C Type & S/N	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
		TSN	TSO	Ng Cycles	Np Cycles	
15-Jul-21	AS350B2 / 3073	12996.7	1230.0	15636.00	21658.00	Power Check completed. results good @ +29 C. Ref Log Page 30860.
23-Jul-21	AS350B2 / 3073	13017.4	1250.7	15666.70	21687.70	Power Check completed. results good @ +27 C. Ref Log Page 30866.
31-Jul-21	AS350B2 / 3073	13045.5	1278.8	15697.10	21725.60	Power Check completed. results good @ +20 C. Ref Log Page 30873.
2-Aug-21	AS350B2 / 3073	13055.5	1288.8	15708.00	21736.10	Power Check completed. results good @ +30 C. Ref Log Page 30875.
3-Aug-21	AS350B2 / 3073	13057.6	1290.9	15712.60	21744.20	Power Check completed. results good @ +40 C. Ref Log Page 30876.
4-Aug-21	AS350B2 / 3073	13062.0	1295.3	15718.60	21758.65	Power Check completed. results good @ +35 C. Ref Log Page 30877.
9-Aug-21	AS350B2 / 3073	13076.1	1309.4	15743.80	21789.55	C/W 150 hour inspection IAW LTS101-700D2 MM Ch. 72. C/W engine oil and filter change IAW SB LT101-71-00-0263. C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 7.3 PSI. Ref Log Page 30881.
12-Aug-21	AS350B2 / 3073	13083.7	1317.0	15755.60	21819.35	Power Check completed. results good @ +34 C. Ref Log Page 30885.
18-Aug-21	AS350B2 / 3073	13095.5	1328.8	15766.70	21842.05	Power Check completed. results good @ +15 C. Ref Log Page 30888.
30-Aug-21	AS350B2 / 3073	13111.4	1344.7	15786.10	21884.25	Power Check completed. results good @ +25 C. Ref Log Page 30896.
5-Sep-21	AS350B2 / 3073	13122.3	1355.6	15808.40	21932.85	Power Check completed. results good @ +33 C. Ref Log Page 31902.
16-Sep-21	AS350B2 / 3073	13149.6	1382.9	15848.60	22011.30	Removed and replaced PT Governor to be retuned to owner PN: 4-301-289-11 SN: 85190035 TSO: 1831.7. Installed servicable PT Governor PN: 4-301-289-11 SN: 28297. Performed ground run/leak check. No defects noted. Refer to Log Page 31912.
20-Sep-21	AS350B2 / 3073	13155.7	1389.0	15853.30	22021.55	Power Check completed. results good @ +25 C. Ref Log Page 31914.
23-Dec-21	AS350B2 / 3073	13165.0	1398.3	15861.10	22039.00	C/W 150 hour, 600 hour inspections, engine vibe check and compressor wash IAW LTS101-700D2 MM Ch. 72. C/W engine oil and filter change IAW SB LT101-71-00-0263. C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 6.5 PSI. Ref Work Order 5363 under Soloy Helicopters CRS 25RY140N.
22-Dec-21	AS350B2 / 3073	13165.8	1399.1	15865.00	22052.80	Power Check completed. results good @ +27 C. Ref Log Page 31918.
19-Feb-22	AS350B2 / 3073	13167.5	1400.8	15868.70	22061.95	Power Check completed. results good @ +30 C. Ref Log Page 31922.
9-Mar-22	AS350B2 / 3073	13184.6	1417.9	15877.00	22081.20	Power Check completed. results good. Ref Log Page 31927.

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

ENGINE: HONEYWELL MODEL: LTS101-700D2 OPERATING & MAINTENANCE RECORD
 MODULE: ☐ AGB ☐ GP ☐ PT PN: 4-001-000-33 S/N: LE-46113C

DATE	A/C Type & S/N	OPERATING TIME & CYCLES				MAINTENANCE REMARKS
		TSN	TSO	Ng Cycles	Np Cycles	
17-Mar-22	AS350B2 / 3073	13212.1	1445.4	15882.30	22098.05	Power Check completed. results good @ +37 C. Ref Log Page 31933.
1-Apr-22	AS350B2 / 3073	13249.9	1483.2	15888.20	22125.80	Power Check completed. results good @ +64 C. Ref Log Page 31942.
3-Apr-22	AS350B2 / 3073	13257.8	1491.1	15889.10	22130.85	C/W 150 hour inspection IAW LTS101-700D2 MM Ch. 72. C/W engine oil and filter change IAW SB LT101-71-00-0263. C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 5.7 PSI. Ref Work Order 22-041.
5-Apr-22	AS350B2 / 3073	13265.8	1499.1	15890.30	22136.50	Power Check completed. results good @ +43 C. Ref Log Page 31944.
26-Apr-22	AS350B2 / 3073	13311.3	1544.6	15899.70	22176.55	Power Check completed. results good @ +35 C. Ref Log Page 33104.
4-May-22	AS350B2 / 3073	13319.2	1552.5	15902.70	22183.65	Power Check completed. results good @ +50 C. Ref Log Page 33105.
5-May-22	AS350B2 / 3073	13329.1	1562.4	15906.90	22191.95	Power Check completed. results good @ +45 C. Ref Log Page 33106.
20-May-22	AS350B2 / 3073	13342.6	1575.9	15912.30	22202.75	C/W Delta P Check IAW LT 101-71-00-0251. Pressure @ 7.1 PSI. Ref Work Order 5383 under Soloy Helicopters CRS 2SYR140N.
23-May-22	AS350B2 / 3073	13345.1	1578.4	15914.00	22205.75	Power Check completed. results good @ +25 C. Ref Log Page 33110.
25-May-22	AS350B2 / 3073	13350.3	1583.6	15918.60	22215.65	Power Check completed. results good @ +30 C. Ref Log Page 33112.

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



☒ ENGINE
☐ MODULE ☐ AGB ☐ GP ☐ PT

MAJOR COMPONENT RECORD

S/N LE-46113C

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D COMPONENT TOTAL TIME		
		HOURS	HOURS	HOURS	HOURS		
PART NAME	SERIAL NO.	CYCLES	CYCLES	CYCLES	CYCLES		
AGB MODULE	4-081-000-64 ORI T41524	6675.0	6675.0				
	W85K012	-	-				
GP MODULE	4-103-000-36 ORI T41524	7367.0	6675.0				
	W84H015	8792.0	7933.0				
PT MODULE	4-141-000-72 ORI T41524	7367.0	6675.0				
	W84H015	7435.0	6572.0				
FUEL CONTROL	4-301-288-06	0.0	6675.0	9040.5	2365.5	DUE FOR O/H	RMD 49.90
	84490030	TSO	-		TS.0		
FUEL PUMP	4-301-377-02	0.0	6675.0	7260.4	585.4	Removed for 600 hrs inspection	JW
	0AFP807	TSO	-	-	-		
OIL PUMP	4-301-243-02	0.0	6675.0				
	B-585	TSO	-				
TI SENSOR	4-301-099-07	0.0	6675.0	9040.5	2365.5	DUE FOR O/H	RMD 49.90
	19372	TSO	-	-	TS.0		
PT GOVERNOR	4-301-289-05	0.0	6675.0	8103.7	1428.7	Failed. Removed to send for repair.	JW 49.90
	85450122	TSO	-	-	-		
AIRFLOW MODULATOR	4-301-102-12	0.0	6675.0	9040.5	2365.5	DUE FOR O/H	RMD 49.90
	85300022	TSO	-	-			
Electronic O/S Valve	4-301-372-01	0.0	6675.0				
	1449	-	-				
FUEL MANIFOLD	4-301-676-01	0.0	6675.0	8883.0	2208.0	REMOVED TIME EXPIRED	RMD 49.90
	1PJ01105	0.0	7933.0	10834.4	2901.4		

☒ ENGINE
☐ MODULE ☐ AGB ☐ GP ☐ PT

MAJOR COMPONENT RECORD S/N LE-46113C

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A	B	C	D		
		COMPONENT TIME	NHA TIME	NHA TIME	COMPONENT TOTAL TIME		
PART NAME	PART NO. SERIAL NO.	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES		
FUEL Pump	4-301-377-01 OAFP934	498.6 —	7260.4 —	7858.7 —	TSD:1096.9 —	Due for 600 Hours inspection	AMC 49-90
FUEL Pump	4-301-377-02 3AFP134	TSD:552.4 —	7858.7 —	8451.3 —	TSD:1145.5 —	Due for 600 Hrs inspection	AMC 49-90
P.T. Governor	4-301-289-05 31264	TSD:929.5 —	8108.7 —	8728.0 —	TSD:1553.8 +553.8	REMOVED FOR SPOOL BEARING REPLACEMENT-SB LTS101-73-20-0261	AMC 49-90
Fuel Pump	4-301-377-01 9AFP594	TSD:1686.9 —	8451.3 —	9040.5 —	TSD:2276.1 —	DUE FOR INSPECTION	49-90
P.T. Governor	4-301-289-05 84350019	TSD:489.3 —	8728.0 —	9040.5 —	T.S.O 801.8 —	DUE FOR INSPECTION	AMC 49-90
FUEL MANIFOLD	4-301-676-01 1XN06833	TSD:0.0 0.0	8883.0 10834.4	10108.8 12800.1	TSD:1225.9 1765.7	REMOVED FOR SERVICEABLE FLOW CHECK IN 2/10/12	AMC 49-90
FUEL PUMP	4-310-377-01 9AFP929	T.S.D. 1002.6 —	9040.5 —	9588.8 —	T.S.D.:1582.9 —	DUE FOR 600 HR. INSPECTION	AMC 49-90
FUEL CONTROL UNIT	4-301-288-06 334735	T.S.O 0.0 —	9040.5 —	10108.9 —	TSD 1068.4 —	REMOVED SERVICEABLE	AMC 49-90
T1 SENSOR	4-301-099-07 85300046	T.S.O 0.0 —	9040.5 —	11423.0 —	2382.5 —	Removed from Solay	Se
AIRFLOW MODULATOR	4-301-102-12 86430221	T.S.O. 489.3 —	9040.5 —	10108.9 —	TSD 1068.4 —	REMOVED SERVICEABLE	AMC 49-90
P.T. GOVERNOR	4-301-289-05 31264	T.S.O. 1553.8 —	9040.5 —	9460.6 —	TSD:1973.9 —	TO BE INSPECTED IAW SB LTS101-73-20-0268 TABLE 2	49-90

☒ ENGINE☐ MODULE: ☐ AGB ☐ GP ☐ PT

MAJOR COMPONENT RECORD

S/N LE-46113 C

COMPONENT		INSTALLATION		REMOVAL	COMPONENT	REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D TOTAL TIME		
		HOURS	HOURS	HOURS	HOURS		
		CYCLES	CYCLES	CYCLES	CYCLES		
P.T. GOVERNOR	4-301-289-05 23686	TSD: 1574.3 -	9460.6 -	9554.9	1668.6	DUE FOR INSPECTION	HELL-EXCEL INC. CT-01 AND 49-90
P.T. GOVERNOR	4-301-289-03 27481	TSD: 697.7 -	9554.9 -	9708.8	TSD: 852.6	VARIATION OF NR IN LARGE DEMAND OF POWER	HELL-EXCEL INC. CT-01 AND 49-90
FUEL PUMP	4-301-377-01 OAFP352	TSD: 870.9 TS1: 278.6 -	9588.8 -	9902.6 -	TSD: 1184.7 TS1: 592.4	AS PER AD 2001-17-15	AMO 49-90
P.T. GOVERNOR	4-301-289-05 24335	T.S.D. 346.8 -	9709.8 -	9902.6	TSD: 539.6	AS PER A.D. 2011-23-13 (SPOOL BEARING REPLACEMENT)	AMO 49-90
P.T. GOVERNOR	4-301-289-05 29028	TSD: 0.0 -	9902.6 -	10108.9	TSD: 206.3	REMOVED SERVICEABLE	AMO 49-90
FUEL PUMP	4-301-377-01 4AFP719	TSD: 546.5 TS1: 0.0 -	9902.6 -	10108.9 -	TSD: 752.8 TS1: 206.3	REMOVED SERVICEABLE	AMO 49-90
Fue/manifold	4-301-676-01 1NX06833	1225.9 1965.7 12800.1	10108.9 12800.1	1526 2243.3	210409 213077.7	REMOVED FOR INCORPORATION OF SB LTS101-79-20-0248 REV 2	HELI-INTER AMO 32-98 09 JAN. 2015
FCU	4-301-288-06 334758	218.5	10108.9	10112.9	222.3	To service eng LE46199C	pc
Airflow Modulator	4-301-102-12 85100033	1747.7	10108.9	10112.9	1751.5	To service eng LE46199C	pc
Fuel Pump	4-301-377-12 3AFP995	99.0	10108.9	10112.7	102.8	To service eng LE46199C	pc
Governor	4-301-289-05 23724	756.9	10108.9	10112.7	760.7	To service eng LE46199C	pc

NHA = Next Higher Assembly

D=C-B+A

ERC-LB-5

☐ ENGINE
☐ MODULE: ☐ AGB ☐ GP ☐ PT

MAJOR COMPONENT RECORD
 S/N LE-46113C

COMPONENT		INSTALLATION		REMOVAL	COMPONENT	REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D TOTAL TIME		
		PART NO.	HOURS	HOURS	HOURS		
		SERIAL NO.	CYCLES	CYCLES	CYCLES		
FCU	4-301-288-06	275 [∞]	10112.7	10749.9	912.2	SB LT101-73-20-0272R2	MSL
	334758	TSD					
Airflow Modulator	4-301-102-12	1804.2	10112.7	10202.7	1894.2	Trouble shooting Cie convenient	JC
	85100033	TSD					
Fuel Pump	4-301-377-12	155.5	10112.7	10528.7	571.5	Remove for 600h insp	SR
	3AFP995B	TSE/TSD					
Governor	4-301-289-05	813.4	10112.7	10198.4	899.1	Removed for AD	
	23724	TSE/TSD					
PT Governor	4-301-289-05	899.1	10198.4				
PT Governor	4-301-289-05	998.4	10217.8	10638.2	1419.8	Removed to complied SB	
	86400985						
airFlow Modulator	4-301-102-12	1371.7	5288.2 10217.8	11205.3	561.9 2359.8	Removed by Soloyt.	JC
	2853						
FLEXIBLE FUEL MANIFOLD	4-191-100-03	0,0	10409.0				
	14-169016-02919	—	—				
Fuel pump-	4-301-377-12	0.6	10528.7	11031.8	TSD: 1077.6	Removed for 600h insp. by Soloy helicopters	MSL
	4AFP 946	TSD					
PT Governor	4-301-289-05	382.1	10638.2	11513.9	1257.8	Replaced by Soloy	JC
	18898						
F.C.U.	4-301-288-06	562.0	10749.9	10845.7	1657.8	Rental	MSL
	50214						

NHA = Next Higher Assembly

D=C-B+A

ERC-LB-5

☐ ENGINE
☐ MODULE: ☐ AGB ☐ GP ☐ PT

MAJOR COMPONENT RECORD
S/N LE-46113C

COMPONENT		INSTALLATION		REMOVAL	COMPONENT	REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D TOTAL TIME		
		PART NO.	HOURS	HOURS	HOURS		
		SERIAL NO.	CYCLES	CYCLES	CYCLES		
Fuel Pump	4-301-377-12 4AFP946	11031.8 TS1: 0.0 TS0: 1077.6	11031.8	11625.5	1671.3	Removed for 600hr CRP 56 LT101-73-20-0264	RS
Airflow Modulator	4-301-102-12 2403	561.9	11205.3	13017.4	13017.4 TS0: 2374.0	DUE OVERHAUL	Ⓟ
TI SENSOR	4-301-099-07 16953	TS0: 0.0	11423.0				
PTG	4-301-289-11 24335	TS0: 1423.2	11513.9	12469.5	TS0: 955.6		Ⓟ
FCU	4-301-288-06 334758	TS0: 913.1	10845.7	11081.6	TS0: 1099.0	Removed from N3508H for install on N1608H	RS
FCU	4-301-288-09 335798	TS0: 1734.2	11081.6	11625.5	TS0: 2328.1	Removed for overhaul	RS
FCU	4-301-288-12 53901	TS0: 0.0	11625.5				
Fuel Pump	4-301-377-12 0AFP441	TS0: 1091.1	11625.5	1677.0 12214.3	TS0: 1679.9	DUE 600 HR INSP	Ⓟ
FUEL PUMP	4-301-377-12 4AFP10	TS0: 1134.1	12214.3	12792.5	TS0: 1712.3	DUE 600 HR INSP	Ⓟ
PT GOVERNOR	4-301-289-11 28297	TS0: 0	12469.5	TS0: 599.0	13025.4	NR DROPPING IN FLIGHT	Ⓟ
AIRFLOW MODULATOR	4-301-102-12 2080	TS0: 0	13017.4				

☐ MODULE: ☐ AGB ☐ GP ☐ PT

MAJOR COMPONENT RECORD

S/N _____

[illegible]

NHA = Next Higher Assembly

$$D=C-B+A$$

ERC-LB-5

☒ ENGINE

☐ MODULE: ☐ AGB ☐ GP ☐ PT

MAJOR COMPONENT RECORD

S/N LE-46113C

COMPONENT		INSTALLATION		REMOVAL	COMPONENT	REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D TOTAL TIME		
		HOURS	HOURS	HOURS	HOURS		
		CYCLES	CYCLES	CYCLES	CYCLES		
PT GOVERNOR	4-301-289-11	1301702.7	13025.4	13149.4	1831.7	RETURN TO OWNER.	
	85190035						
PT GOVERNOR	4-301-289-05	1301555.9	13149.4				
	28297						

NHA = Next Higher Assembly

D=C-B+A

ERC-LB-5

P.5

2549164-1 /
P/N: 4-301-289-05 (-11)

S/N: 28297

[illegible]

SUB-COMPONENT HISTORICAL RECORD

[illegible]

MAINTENANCE AND OVERHAUL RECORD

[illegible]

TECHNICAL DIRECTIVES AND BULLETINS

DATE COMPLIED WITH	DIRECTIVE OR BULLETIN	DESCRIPTION	SIGNATURE
24 Aug 2021	GT-73-366	Bearing Installation Procedure	

COMPONENT RECORD CARD

P-1

DESCRIPTION PT Governor

PART NUMBER 2549164-1/4-301-289-05

SERIAL NO. 28297

NOTE: RETURN THIS CARD WITH COMPONENTS

DATE	TSN	TSO	CYCLES	MAINTENANCE REMARKS
6/20/11	unk	910.90		MAINTENANCE RELEASE. AVIATION CONTROLS, INC., 101 Freedom Drive, Independence, KS 67301 FAA #YNBR921L. The component identified above was repaired and inspected IAW current regulations of the FAA and CMM <u>13-20-04 Rev 31/19</u> and is approved for return to service. Pertinent details of the repair are on file at this agency under work order no. <u>5700016</u> C/W GT <u>N/A</u> Date <u>6/20/11</u> Signed <u>Stephanie Edens</u> (Authorized Signature for Station)
7/23/11		910.9		ETT-8833.3 INSTALLED PT Governor on Eng. S/N 46227CE <u>REPAIRED</u>
9/15/11	unk	1243	332.1	ETT-9165.4 REMOVED FOR S/B Bearing Change <u>REPAIRED</u>
9/27/11	unk	1243.0	-	MAINTENANCE RELEASE. AVIATION CONTROLS, INC., 101 Freedom Drive, Independence, KS 67301 FAA #YNBR921L. The component identified above was repaired and inspected IAW current regulations of the FAA and CMM <u>13-20-04 Rev 31/19</u> and is approved for return to service. Pertinent details of the repair are on file at this agency under work order no. <u>5500276</u> C/W GT <u>332 & GT-13-A359</u> Date <u>Sept 27, 2011</u> Signed <u>Judith L. H.</u> (Authorized Signature for Station)
10/20/11		1243.0		Installed PT on Engine LE-46227CE Engine II # 9360.3 Mar <u>570024887</u>
12/16/11		1472.9		REMOVED FOR S/B bearing change <u>REPAIRED</u>

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.

COMPONENT RECORD CARD

P.2

DESCRIPTION PT Governor

PART NUMBER 2549164-2 / 4-301-289-05 SERIAL NO. 28297

NOTE: RETURN THIS CARD WITH COMPONENTS

DATE	TSN	TSO	CYCLES	MAINTENANCE REMARKS
1/12/12	UNK	1472.9	—	MAINTENANCE RELEASE. AVIATION CONTROLS, INC., 101 Freedom Drive, Independence, KS 67301 FAA #YNBR921L. The component identified above was repaired and inspected IAW current regulations of the FAA and CMM <u>73-2004, Rev. 3/1/99</u> and is approved for return to service. Pertinent details of the repair are on file at this agency under work order no. <u>5500405</u>. C/W GT-337 & GT-13-A359 Date <u>Jan. 12, 2012</u> Signed <u>Judith L. Voth</u> (Authorized Signature for Station)
1/31/12	UNK	1472.9	—	Eng TT-9792.0 INSTALLED ON ENG S/N CE-46227CE <u>RESCUED</u>
6/8/12		178.7/1651.6		Eng TT-9770.7 Removed from Eng S/N CE-46222CE / <u>FLINK</u> <u>5500587</u>
6/26/12	UNK	1651.6	—	MAINTENANCE RELEASE. AVIATION CONTROLS, INC., 101 Freedom Drive, Independence, KS 67301 FAA #YNBR921L. The component identified above was repaired and inspected IAW current regulations of the FAA and CMM <u>73-2004, Rev. 3/1/99</u> and is approved for return to service. Pertinent details of the repair are on file at this agency under work order no. <u>5500587</u>. C/W GT-337 & GT-13-A359 + AD 2011-23-13 Date <u>June 26, 2012</u> Signed <u>Judith L. Voth</u> (Authorized Signature for Station)
7/12/12	UNK	1651.6		Installed on Engine S/N 46169CE <u>Well KSS</u> <u>5500587</u>
12/12/12		2037.5/1706.7		Removed for overhaul <u>5500587</u>

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.

COMPONENT RECORD CARD

P.3

DESCRIPTION PT Governor

PART NUMBER 2549164-2 / 4-301-289-05

SERIAL NO. 28297

NOTE: RETURN THIS CARD WITH COMPONENTS

DATE	TSN	TSO	CYCLES	MAINTENANCE REMARKS
9/19/13	unk	0.0	-	MAINTENANCE RELEASE. AVIATION CONTROLS, INC., 101 Freedom Drive, Independence, KS 67301 FAA #YNBR321L. The component identified above was overhauled IAW current regulations of the FAA and CMM 73-2004, Rev. 3/1/99 and is approved for return to service. Pertinent details of the repair are on file at this agency under work order no. <u>5500771</u>. CMW GT-337, GT-73-A359, GT-73-366 + AB 2011-23-13 Date: <u>Sept. 19, 2013</u> Signed <u>Judith L. Both</u> (Authorized Signature for Station)
10/29/14	unk	0.0	-	Installed on Engine LE46169 @ ETT: 11874.2. Intermountain Turbine Services, Inc. WO# 3001617 CRS# D2DR426J. <u>Wally</u>
1/14/15		122.8		Removed PT Gov. for maint <u>Re</u>
2/17/15	unk	122.8	-	MAINTENANCE RELEASE. AVIATION CONTROLS, INC., 101 Freedom Drive, Independence, KS 67301 FAA #YNBR321L. The component identified above was repaired and inspected IAW current regulations of the FAA and CMM 73-2004, Rev. 3/1/99 and is approved for return to service. Pertinent details of the repair are on file at this agency under work order no. <u>5501200</u>. CMW GT-337 Date: <u>February 17, 2015</u> Signed <u>Judith L. Both</u> (Authorized Signature for Station)
7/30/15	unk	122.8	-	Installed on Engine LE46110 @ ETT: 9691.5. Intermountain Turbine Services, Inc. WO# 3001762 CRS# D2DR426J <u>Wally</u>

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.

COMPONENT RECORD CARD

P.4

DESCRIPTION P.T. Governor

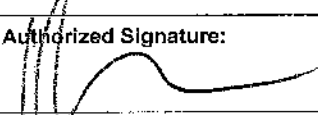
PART NUMBER 2549164-24

SERIAL NO. 28297

NOTE: RETURN THIS CARD WITH COMPONENTS

DATE	TSN	TSO	CYCLES	MAINTENANCE REMARKS
4 Apr 16		892.2		Removed from Engine S/N LE46110UE at ETT 10460.9 hours 3645312AP
5/2/16	UNK	892.2	—	MAINTENANCE RELEASE. AVIATION CONTROLS, INC., 101 Freedom Drive, Independence, KS 67301 FAA #YNBR921L. The component identified above was repaired and inspected IAW current regulations of the FAA and CMM 73-20-24 Rev 9/1/99 and is approved for return to service. Pertinent details of the repair are on file at this agency under work order no. 9200670. C/W GT-73-A359, GT-73-366, AD 2011-23-13 Signed <u>Judith L. Uth</u> Date <u>May 2, 2016</u> (Authorized Signature for Station)
19 May 16		892.2		Installed Engine II 17299.4 hours 3645312AP
30 May 17		1776.2		Reared For 900 hours Inspected
5 June 2017	UNK	0.00	—	overhauled & tested IAW Honeywell specifications Complied w/ GT-73-390, GT-73-366 Precision Fuel Components LLC FA# Q1UR135X
30 June 2017	UNK	0.0	—	Installed on Engine S/N LE-46130C @ 14134.1 ETT. W/O 17-2573 J. J. CRS IATR181B
7/31/19	UNK	2042.5	—	Removed For O/H. W/O 19-2983 J. J. CRS IATR181B
30 Apr 19	UNK	0.00	—	Overhauled and tested IAW Honeywell Specification Precision Fuel Components LLC FA# Q1UR135X Complied with GT-73-366

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.

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 78823	
4. Organization Name and Address: PRECISION FUEL COMPONENTS LLC 802 134 TH STREET SW, SUITE 100 EVERETT, WA 98204 Certificate No. Q1UR135Y					5. Work Order/Contract/Invoice Number: J/O: 16397	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	AL-AB1 GOVERNOR HONEYWELL	2549164-4H 4-301-289-11	1	28297	OVERHAULED	
12. Remarks: ABOVE ITEM OVERHAULED AND TESTED PER HONEYWELL OVERHAUL MANUAL #73-20-04, REV 1, DATED MAR1999 AND OTHER FAA APPROVED DATA COMPLIED WITH: GT-73-366 TSO: 0.00 HOURS Certifies that work specified in Blocks 11/12 was carried out in accordance with EASA Part 145 and, with respect to that work, the component is considered ready for release to service under EASA Part 145 Approval Number : EASA.145.6185						
13a. Certifies the items identified above were manufactured in conformity to:			14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12			
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data 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:
						Q1UR135Y
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
				PAM TUMMINELLO		30OCT2019
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.						

Work Done Report

Descr: AL-AB1 GOVERNOR	Date: October 30, 2019
Serial No.: 28297	Model No.: 2549164-4H
S.O. No.: 78823	Mfg. Part: 4-301-289-11
J.O. No.: 16397	TSO: 2042.5

Complaint

Overhaul

Warranty Granted? n/a

Rejection Verified? n/a

Work Performed:

Overhauled to zero time and functionally tested to specs

Service Bulletins Complied With:

GT-73-366

Parts necessary to complete work:

Part Number	Rev.	Description	Qty
2529242		SPRING	1.
AL-AB1-KIT		GOVERNOR KIT	1.
P19086-2		TAPER PIN	1.
2525170		BUSHING	1.
2666850-11		PACKING, PREFORMED	1.



PRECISION
Fuel Components LLC

802 134th Street SW, Suite 100, Everett, WA 98204

Work Done Report

Customer: SOLOY HELICOPTERS LLC	Date: August 24, 2021
Descr: AL-AB1 GOVERNOR	Model No.: 2549164-4H
Serial No.: 28297	Mfg. Part: 4-301-289-11
P.O. No.: 1333	TSO: 555.9
J.O. No.: 17603	S.O. No.: 80142

Complaint

STICKING INPUT LEVER/ SLOW
ACCELERATION

Warranty Granted? n/a

Rejection Verified? n/a

Work Performed:

Repaired:

Time continued at 555.9 hours T.S.O., functionally
tested to specs.

Service Bulletins Complied With:

GT-73-366

Parts necessary to complete work:

Part Number	Rev.	Description	Quantity
2537845		NUT	1.
2542429		I.D. PLATE *	1.
326392		RING	1.
343698		PIN, FLYWGT	2.

Aviation Demands Precision

Tel: 425-513-6789

Fax: 425-513-6788

www.precisionfuel.com

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 80142	
4. Organization Name and Address: PRECISION FUEL COMPONENTS LLC 802 134 TH STREET SW, SUITE 100 EVERETT, WA 98204 Certificate No. Q1UR135Y				5. Work Order/Contract/Invoice Number: P/O: 1333		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	AL-AB1 GOVERNOR HONEYWELL	2549164-4H 4-301-289-11	1	28297	REPAIRED	
12. Remarks: ABOVE ITEM REPAIRED AND TESTED PER HONEYWELL OVERHAUL MANUAL P/N 73-20-04, REV 1, DATED MAR1999 AND OTHER FAA APPROVED DATA COMPLIED WITH: GT-73-366 TSO: 555.9 HOURS						
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. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation 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: Q1UR135Y		
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):		14d. Name (Typed or Printed):		
				PAM TUMMINELLO 14e. Date (dd/mmm/yyyy): 24AUG2021		
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.						

COMPONENT RECORD CARD

COPY

DESCRIPTION T1 Sensor
 PART NUMBER 4-301-099-07 SERIAL NO. 16953

NOTE: RETURN THIS CARD WITH COMPONENTS

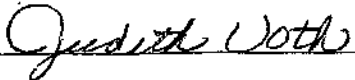
DATE	TSN	TSO	CYCLES	MAINTENANCE REMARKS
01/29/02	-	0.0	-	Overhauled at Premier Turbine under SO# 01M281 dated 10/16/01 and installed on LE-43499CE at Honeywell Greer Repair & Overhaul under WO# 96088 / SO# 43499A dated 01/29/02. For CRS# C7GR861J, D. Hilton
7 Nov. 2007		2213.2		Removed from engine LE-43499C @ 5134.5 Eng Time AMS 32-98
7 Nov. 2007		2213.2		Installed on Engine S/N LE-43523 CE @ 6393.4 Eng hrs AMS 32-98
27 Nov. 2011		2339.4		Removed @ 6519.6 Eng Time For O/H @ AMS 32-98
13 July 11	UNK	0.0	-	MAINTENANCE RELEASE. AVIATION CONTROLS, INC., 101 Freedom Drive, Independence, KS 67301 FAA #YNBR921L. The component identified above was overhauled IAW current regulations of the FAA and CMM 73-20-03, Rev. 11/5/99 and is approved for return to service. Pertinent details of the repair are on file at this agency under work order no. 5500197 C/W GT-329
				Signed <u>Judith L. Utts</u> (Authorized Signature for Station)
				Date <u>July 13, 2011</u>
14 Nov. 17	UNK	0.0		Installed on eng S/N LE-46113C @ eng T1 11423.0 by Solog

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.

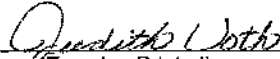
AVIATION CONTROLS INC.
FAA REPAIR STATION YNBR921L
101 Freedom Drive
Independence, KS 67301-0946

RS011

WORK ORDER TEAR DOWN REPORT

Work Order Number 5500197/4804903		Quantity Received 1	
"AS RECEIVED" INFORMATION SECTION			
Original Equipment Manufacturer		HONEYWELL	
Item Name TEMP COMP	Item Part Number 2549123-1/4-301-099-07	Serial Number 16953	
Total Time Since New UNK		Total Time Since Last Overhaul 2339.40	
WORK PERFORMED SECTION			
Work Performed – OVERHAULED		Per-HONEYWELL CMM, 73-20-03, REV. 11/5/99	
Receiving Inspection Findings: CUSTOMER STATES TO OVERHAUL.			
Inspector:	514	Date:	6/28/11
Special Instructions, Airworthiness Directives, Service Bulletins, etc.: NA			
Inspector:		Date:	
Disassembly Observations: DISASSEMBLED WITH NO NOTED DAMAGE.			
Disassembler:	538	Date:	6/29/11
Inspection Findings: SENT FOR REWORK VALVE LEVER-2538198, TEMP COMP BODY-2538191, 2 UNION FILTERS-2543845 AND 90 DEGREE ELBOWS-2543760 AND 2543849. ALL OTHER PARTS WITHIN LIMITS.			
Inspector:	514	Date:	6/30/11
Repairs Performed: REWORKED SURFACE B ON VALVE LEVER-2538198 (509-7/05/11). APPLIED EVERLUBE TO 90 DEGREE ELBOW FILTER ASSY-2543760 AND 2543849 AND 2 UNION FILTER ASSYS-2543845 (500-7/6/11). REPLACED ORIFICE-2525023 IN TEMP COMP BODY ASSY-2538191.			
Repaired by:	509	Date:	7/11/11
Assembly Comments/Observations: ASSEMBLED UNIT AND COMPLIED WITH GT-329.			
Assembler:	522	Date:	7/12/11
Test Comments/Observations: TESTED WITHIN LIMITS IAW HONEYWELL CMM, 73-20-03.			
Tester:	522	Date:	7/12/11
"Return to Service As" Information Section			
Part Number: 2549123-2/4-301-099-07	Serial Number: 16953	TTSN: UNK	TTSO: 0.0
RETURNED TO SERVICE BY: JUDITH VOTH 		DATE: JULY 13, 2011	

RS011
8/7/10

1. Approving National Aviation Authority/Country: FAA/ UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG				2. System Tracking Ref. No. 11M159	
4. Organization Name and Address: AVIATION CONTROLS, INC., Airport Industrial Park, 101 Freedom Drive, Independence, KS USA 67301						5. Work Order, Contract, or Invoice Number 5500197/4804903	
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch/Number	12. Status/Work	
01	TEMP COMP	2549123-2/4-301-099-07	NA	1	16953	OVERHAULED	
13. Remarks: OVERHAULED IAW HONEYWELL CMM, 73-20-03, REVISION NOVEMBER 5, 1999. COMPLIED WITH GT-329. TOTAL TIME SINCE NEW UNK TOTAL TIME SINCE OVERHAUL 0.0							
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 13.				19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.			
15. Signature		16. FAA Authorization No.		20. Authorized Signature:		21. Certificate Number:	
						YNBR921L	
17. Name (Typed or Printed)		18. Date		22. Name (Typed or Printed)		23. Date	
				JUDITH VOTH REPAIRMAN CERTIFICATE#2599505		JULY/13/2011	
User/Install 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.							

WELI-INTER INC. (HIST) APP# 32-98

Qty : 1 EA
Desc : T1 SENSOR
SN/Bat #: 16953
PO / PS :
Exp :
Sup :
Cond :
Loc :

AEROCOPTER COMPONENT SE
OVERHAULED
K - 14

P/N : 4-301-099-07
Model : HONEYWELL
Make : 2929
RN# : 2011/13/07
Cure :
Type :
TTSN :
TTSO :
Spd :

Note PO :



12573

Printed on Jun 19, 2015

DFR # 20598		SOLOY HELICOPTERS LLC						25023		POWER CHECK	
REGISTRATION N 3505H		ENDING HOBBS 7549.5		B3e usage %		AS350 TO CYCLES 369/500		AS350 NF/NP 369/500 STARTS		AS350 NG	
DEPARTURE / DESTINATION PAUL / 87AK		BEGINNING HOBBS 7545.7		ENGINE		HOOK TIME				TORQUE	
DATE: 10-19-2017		TOTAL TO DAY 3.6		3.1		0		10		8.70	
		A/F CARRIED FWD 3.1		10491.8		11419.9		178.0		50350	
		NEW TOTAL 10494.9		11423.0		178.0		50360		18793.35	
DAILY CHECKS / BEFORE FIRST FLIGHT CHECK / AFTER LAST FLIGHT CHECK										B3 (VEMD)	
DC 96										369/500 Only	
										Heater Rise	
										Anti-Ice Rise	
PIC SIGNATURE and CERTIFICATE NUMBER <i>[Signature]</i>										Scav-air Rise	
NEXT INSPECTION		DUE AT		NEXT COMPONENT		DUE AT		NEXT CALENDAR ITEM / INSP		DUE AT	
30 hr A/F		10515.9		T1 Sensor		11680.5		30 Day Fire Ext		10-25	
150 hr EAG		11460.1		MEL #33-01		10-23-2017		AD2007-12-22		11-10 or 10580.5	
300 hr EAG		11469.8									
100/150/200 hr A/F		10548.4									
MAINTENANCE RECORD:				DISCREPANCY				CORRECTIVE ACTION			
① 10/23/17 AFTT: 10494.9 ENGT: 11423.0 MEL 33-01 DUE. <i>Joyen AP3528591</i>								① 10/23/17 AFTT: 10494.9 ENGT: 11423.0 INSTALLED SERVICEABLE DIMMER BOX P/W: 55670 S/N 1395. OPS CHECK GOOD. NO DEFECTS NOTED AT THIS TIME. WORK DONE REF AMM 33-00-00. <i>Joyen AP3528591</i>			
2) 11/14/2017 Aftt: 10494.9 engine 11423.0 Replaced T1 Sensor PN: 4-301-099-07 SN: 85300046. DUE OVERHAUL. <i>G. Benier AP3755405</i>								2) 11/14/2017 Aftt 10494.9 engine 11423.0 Replaced T1 Sensor SN: 85300046 with T1 Sensor PN: 4-301-099-07 SN: 15664 IAW LTS101-700DZ Chp 73. <i>G. Benier AP3755405</i>			
3) 11/14/2017 Aftt: 10494.9 engine 11423.0 C/PD PNEUMATIC leak check due to T1 Sensor replacement. <i>G. Benier AP3755405</i>											

R/O 172247

To be forwarded to

S/N 16953

Journey log en

COMPONENT RECORD CARD

DESCRIPTION	Airflow Modulator
-------------	--------------------------

PART NUMBER 4-301-102-12 SERIAL NO. 2080

NOTE: RETURN THIS CARD WITH COMPONENTS

DATE	TSN	TSO	CYCLES	MAINTENANCE REMARKS
09/26/12	-	0.0	-	Overhauled and Tested at Precision Fuel Components LLC under J/O# 9954 dated 05/17/12. Installed on LE-46022C at Honeywell Greer Repair & Overhaul under WO# 294884/ SO# 46022B. For CRS# C7GR861J, Earl R. Nadeau (SB 0238 N/A & Modulator is in Compliance with SB: 0220)
20 DEC 2019	W/K	2351.9	W/K	REMOVED FOR O/HALL DUE LOW HTR = 48.1 ML 24245
5 Apr 21	UNK	Ø	—	MAINTENANCE RELEASE. AVIATION CONTROLS, INC., 101 Freedom Drive, Independence, KS 67301 FAA #YNBR921L. The component identified above was overhauled IAW current regulations of the FAA and CMM 13-20-05, 06/13 and is approved for return to service. Pertinent details of the repair are on file at this agency under work order no 9206182 C/W GT NONE Signed: [Signature] Date: 5 Apr 21 (Authorized Signature for Station)
23 JUL 2021	UNK	Ø	—	INSTALLED ON ENGINE LE-46113C @ ETT: 13074. TSO: Ø.Ø REF N350DSW LOG PAGE 308660 SOLVO HELICOPTERS.

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.

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 4813477	
4. Organization Name and Address: AVIATION CONTROLS INC. d/b/a PRECISION AVIATION CONTROLS 101 FREEDOM DRIVE INDEPENDENCE, KS 67301 UNITED STATES		FAA Certificate : YNBR921L				5. Work Order/Contract/Invoice Number: 9206182	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	AIRFLOW MODULATOR	2549020-4XD 4-301-102-12	N/A	1 EA	2080	OVERHAULED	
13. Remarks: Referencing manual No. 73-20-05 Revision: 5 Revision Date: JUN 19 2013 OVERHAULED IN ACCORDANCE WITH APPLICABLE CMM. TSN: UNK TSO: 0 Certifies work specified in Blocks 12/13 was carried out in accordance with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number EASA.145.6525							
14. 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 13.			19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulations specified in Block 1 Certifies that unless otherwise specified in Block 13, the work identified in Block 1 and described in Block 13 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.				
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.: YNBR921L	
17. Name (Type or Printed):		18. Date (m d y):		22. Name (Typed or Printed): SUSAN THOMPSON 2638442		23. Date (m d y): Apr 05 2021	
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 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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 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.							



AVIATION CONTROLS INC
d/b/a **PRECISION AVIATION CONTROLS**
101 FREEDOM DRIVE
INDEPENDENCE KS 67301 UNITED STATES
(620)331-8180 (620)331-6426 www.precisionaviationcontrols.com

INSPECTION REPORT

Page : 1 of 2

Close Abnormal/PH Normal Technician Inspector Aircraft Number A/C Position TSN : UNK TSO : 2351.9 TSR :	W/O No. P/N S/N 2080
--	--

For Customer : INTERMOUNTAIN TURBINE SERVICE S.O. No. : 9204668 Line No. : 1	W/O Kind : [OVH] OVERHAULED
---	-----------------------------

Cust P.O. : 4813477	P/N : 2549020-4XD	Note :
Our Ref : CINDY	Desc : AIRFLOW MODULATOR	Trace To : INTERMOUNTAIN TURBIN
Stock :	S/N: 2080	Tag Date :
Shop : PAC Commercial	MFG : HONEYWELL - SOUTH BEND	Manual : 73-20-05
Warr Claim :	Qty : 1 Cond As: OH	Revision : 5 / Jun-19-2013
Completed P/N : 2549020-4XD	S/N As: 2080	Into Bin Loc : RCV-STK

Company : 1	Division : 09	Department :
Order Date : Oct-09-2020	Received Date : Oct-08-2020	Due Date : Oct-26-2020 Print Date : Apr-05-2021

Overhaul WORK ORDER No. 9206182

Manuals	Description	Manual Date	Revision No.	Revision Date	Current	Until
73-20-05	LTS101 FLOW FENCE ACTUATOR	Jun-19-2013	5	Jun-19-2013	☒	Apr-30-2022

Reported By Customer

CUSTOMER STATES OVERHAUL. NEW BODY
Preliminary Insp.

LAST OH DATE: OH-14-05-12. LOA-PEC. RECEIVED COMPONENT CARD. PISTON BODY HAS BROKEN PIECE OFF OF LEG AND WILL REQUIRE REPLACEMENT.

SENT FOR REWORK LEVER PN 2542333; RESTRICTORS PN 2540450; 2520451.

SCRAPPED BODY ASSY PN 2540447; PISTON PN 2538472; LINK PN 2544009; SHAFT PN 2538470; TUBE PN 2538486.

Corrective Action

Continued on next page...



AVIATION CONTROLS INC
d/b/a **PRECISION AVIATION CONTROLS**
101 FREEDOM DRIVE
INDEPENDENCE KS 67301 UNITED STATES
(620)331-8180 (620)331-6426 www.precisionaviationcontrols.com

INSPECTION REPORT

W/O No. 9206182 / Page : 2 of 2

Overhaul WORK ORDER No. 9206182

REWORKED LEVER PN 2542333; RESTRICTORS PN 2540450; 2520451.

ASSEMBLED AND INSTALLED BODY ASSY PN 2540447; PISTON PN 2538472; LINK PN 2544009; SHAFT PN 2538470;
TUBE PN 2538486 ANDN ALL CONSUMABLES.

TESTED WITHIN LIMITS IN ACCORDANCE WITH CMM 73-20-05 DATED JUNE 2013.

Authorized Signature

Name

Susan Thompson

Date:

5 Apr 21

COMPONENT RECORD CARD

DESCRIPTION

MANIFOLD ASSEMBLY, FUEL

PART NUMBER

4-191-100-03

SERIAL NO.

14-169016-02919

NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

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.

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 20140000255944Y14 8003844196-50	
4. Organization Name and Address: Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034				Production Approval PC413NM		
5. Work Order/Contract/Invoice Number: 4808228 Page 1 of 1						
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:	
001	MANIFOLD ASSEMBLY, FUEL	4-191-100-03	2	14-169016-01552 See Continuation	NEW	
12. Remarks: AIRWORTHINESS APPROVAL Block 10 Serial Number(s): (Continued): 14-169016-02919.						
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. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation 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.: ODA-602216-NM		14b. Authorized Signature:		
13d. Name (Typed or Printed): Mark Fields		13e. Date (dd/mm/yyyy): 14/OCT/2014		14c. Approval/Certificate No.:		
				14d. Name (Typed or Printed):		
				14e. Date(dd/mm/yyyy):		

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.



07/11/2014
Order No: 16997737
Material: 71473
S/N: SN14-169016-02919



TURBINE FUEL TECHNOLOGIES

TEST STAND NO. 44			OPERATOR NO. 00829815			WORK ORDER 16997737			LT 101 MANIFOLD			
PART NO. 71473			SERIAL NO. SN14-169016-02919			DATE: 07/14/14			SPRAY DISTRIBUTION			
TOTAL FLOW @ 100 PSI			52.2			TOTAL FLOW @ 550 PSI			573.7			
VALVE HYSTERESIS CHECK			PRI. MAN. 4-301-513-01			SEC. MAN 4-301-512-01			DATA			
PPH	UP	DOWN	NOZZLE POSITION			Spray Quality			OK			
50			VALVE			Leakage/Pressure Test			OK			
100			1 8			PT			NOTES:			
200			2 7									
300			3 6									
400		N/A	4 5									
PATTERNATION SETTINGS												
% NOZZLE DEV. FROM AVG.			+/- 6%		+/- 6%		+/- 4%					
NOZZLE POSITION	NOZZLE S/N	100/0 SPRAY ANGLE	50 PPH		200 PPH		400 PPH		ANGLE @ 400 PPH 70°/80°			
1	AAB10111											
2	AAB10112											
3	AAB10113											
4	AAB10114											
5	AAB10115											
6	AAB10116											
7	AAB10117											
8	AAB10118											
TOTAL			740	734	729	731	741	746	0	0	0	0
AVG. (NOTE 1.)			92.5	91.75	91.125	91.375	92.625	93.25	0	0	0	0
ALLWD DEV.	N/A		5.55	5.505	5.4675	5.4825	3.705	3.73	0	0	0	0
HIGH LIMIT		85	98.05	97.26	96.59	96.86	96.33	96.98	0.00	0.00	0.00	0.00
LOW LIMIT		75	86.95	86.25	85.66	85.89	88.92	89.52	0.00	0.00	0.00	0.00
NOTE: 1. AT 400 PPH INLET FLOW, AVERAGE OF SPRAY ANGLES FROM ALL 8 NOZZLES TO BE BETWEEN 70° AND 80°												
Customer Part Number			4-191-100-03		Rev. G		Vendor Code		169016		Delavan PS	
									1333		Rev. A	

COMPONENT RECORD CARD

DESCRIPTION	OIL PUMP

PART NUMBER 4-301-243-02 SERIAL NO. B-585

NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

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.

COMPONENT RECORD CARD

DESCRIPTION	OVERSPEED VALVE
-------------	-----------------

PART NUMBER	4-301-372-01	SERIAL NO.	1449
-------------	--------------	------------	------

NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

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.

COMPONENT RECORD CARD

DESCRIPTION Fuel Control

PART NUMBER 2549 204-2

SERIAL NO. 53901

4301-288-12 (See 8130)

NOTE: RETURN THIS CARD WITH COMPONENTS

DATE	TSN	TSO	CYCLES	MAINTENANCE REMARKS
11/28/17	7544.2	000		MAINTENANCE RELEASE. AVIATION CONTROLS, INC., 101 Freedom Drive, Independence, KS 67301 FAA #YNBR921L. The component identified above was overhauled IAW current regulations of the FAA and CMM 15-20-02 Rev 1 10/11/18 and is approved for return to service. Pertinent details of the repair are on file at this agency under work order no. <u>9202348</u> CMW GT <u>333, GT-73-366</u> Date <u>11/28/17</u> Signed <u>Stephanie Edens</u> (Authorized Signature for Station)
1-2-18	7544.2	000		MAINTENANCE RELEASE. AVIATION CONTROLS, INC., 101 Freedom Drive, Independence, KS 67301 FAA #YNBR921L. The component identified above was repaired and inspected IAW current regulations of the FAA and CMM 15-20-02 Rev 1 10/11/18 and is approved for return to service. Pertinent details of the repair are on file at this agency under work order no. <u>9202348</u> CMW GT <u>N/A</u> Date <u>1-2-18</u> Signed <u>Stephanie Edens</u> (Authorized Signature for Station)
12/02/18	7544.2	0.0	—	Installed on Engine S/N LF-461130 @ EMT# 11625.5 TSO: 0.0

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.

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 4811327	
4. Organization Name and Address: AVIATION CONTROLS INC. d/b/a PRECISION AVIATION CONTROLS 101 FREEDOM DRIVE INDEPENDENCE, KS 67301 UNITED STATES		FAA Certificate : YNBR921L		5. Work Order/Contract/Invoice Number: 9202642	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	LTS101 FUEL CONTROL	2549204-2H+X 4-301-288-12	1 EA	53901	REPAIRED
12. Remarks: Referencing manual No. 73-20-02 Revision: 1 Revision Date: OCT 01 1998 TESTED WITHIN LIMITS IAW APPLICABLE CMM. TSN: 7544.2 TSO: 000 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 Number: "EASA 145.6525".					
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. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation 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:	
				<i>Stephanie Edens</i>	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):	
				STEPHANIE EDENS 2640822	
				14c. Approval/Certificate No.: YNBR921L	
				14e. Date (dd/mm/yyyy): 02/Jan/2018	
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.					



AVIATION CONTROLS INC
d/b/a PRECISION AVIATION CONTROLS
101 FREEDOM DRIVE
INDEPENDENCE KS 67301 UNITED STATES
(620)331-8180 (620)331-6426 www.precisionaviationcontrols.com

INSPECTION REPORT

Page : 1 of 1

Close Abnormal/PH Normal Technician Inspector Aircraft Number A/C Position TSN : 0.0 TSO : 0.0 TSR	W/O No. P/N S/N
For Customer : INTERMOUNTAIN TURBINE SERVICE S.O. No. : 9202070 Line No. : 1	W/O Kind : [RP] REPAIRED
Cust P.O. : 4811327 Our Ref : CINDY Stock : Shop : PAC Commercial Warr Claim : Completed P/N : 2549204-2H+X	P/N : 2549204-2H+X Desc : LTS101 FUEL CONTROL S/N : 53901 MFG : HONEYWELL - SOUTH BEND Qty : 1 Cond As: RP S/N As: 53901
Note : Trace To : INTERMOUNTAIN TURBIN Tag Date : Manual : 73-20-02 Revision : 1 / Oct-01-1998 Into Bin Loc : COMPLETED	
Company : 1 Order Date : Dec-27-2017 Received Date : Dec-27-2017 Due Date : Jan-11-2018 Print Date : Jan-02-2018	Division : 09 Department :

Overhaul WORK ORDER No. 9202642

Manuals	Description	Manual Date	Revision No.	Revision Date	Current	Until
73-20-02	LTS101 FUEL CONTROL - DP-S1	Oct-01-1998	1	Oct-01-1998	☒	Nov-05-2018

Reported By Customer

SENT IN FOR WARRANTY TO VERIFY COMPONENTS INSTALLION AS REQUIRED.
Preliminary Insp.

4 COMP CARDS. NOTHING NOTED FROM RECEIVING INSPECTION.
Corrective Action

DAMPER RINGS ARE INSTALLED ON BELLOWS ASSY

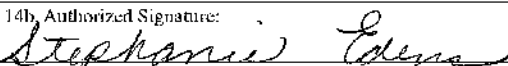
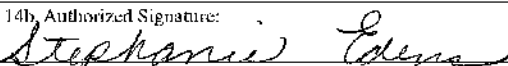
TESTED WITHIN LIMITS IAW HONEYWELLCMM, 73-20-02

Authorized Signature

Stephanie Edons Name Stephanie Edons

Date :

1-2-18

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 4811138	
4. Organization Name and Address: AVIATION CONTROLS INC. d/b/a PRECISION AVIATION CONTROLS 101 FREEDOM DRIVE INDEPENDENCE, KS 67301 UNITED STATES		FAA Certificate : YNBR921L			5. Work Order/Contract/Invoice Number: 9202348	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	LTS101 FUEL CONTROL	2549204-2H+X 4-301-288-12	1 EA	53901	OVERHAULED	
12. Remarks: Referencing manual No. 73-20-02 Revision: 1 Revision Date: OCT 01 1998 OVERHAULED IAW APPLICABLE CMM. C/W GT-333, GT-73-366 AND GT-73-0389 TSN: 7544.2 TSO: 000 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 Number: "EASA 145.6525".						
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. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation 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.:
						YNBR921L
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
				STEPHANIE EDENS 2640822		30/Nov/2017
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.						



AVIATION CONTROLS INC
d/b/a **PRECISION AVIATION CONTROLS**
101 FREEDOM DRIVE
INDEPENDENCE KS 67301 UNITED STATES
(620)331-8180 (620)331-6426 www.precisionaviationcontrols.com

INSPECTION REPORT

Page : 1 of 2

Close Abnormal/PH Normal Technician Inspector Aircraft Number A/C Position TSN : 7544.2 TSO : 1493.0 TSR	W/O No. 9202348 P/N 2549101-5H+XN S/N 53901
---	---

For Customer : INTERMOUNTAIN TURBINE SERVICE S.O. No. : 9201829 Line No. : 2	W/O Kind : [OVH] OVERHAULED
---	-----------------------------

Cust P.O. : 4811138	P/N : 2549101-5H+XN	Note :
Our Ref : CINDY	Desc : FUEL CONTROL	Trace To : INTERMOUNTAIN TURBIN
Stock :	S/N: 53901	Tag Date :
Shop : PAC Commercial	MFG : HONEYWELL - SOUTH BEND	Manual : 73-20-02
Warr Claim :	Qty : 1 Cond As: OH	Revision : 1 / Oct-01-1998
Completed P/N : 2549204-2H+X	S/N As: 53901	Into Bin Loc : COMPLETED

Company : 1	Division : 09	Department :
Order Date : Sep-26-2017	Received Date : Sep-25-2017	Due Date : Oct-14-2017
		Print Date : Nov-30-2017

Overhaul WORK ORDER No. 9202348

Manuals	Description	Manual Date	Revision No.	Revision Date	Current	Until
73-20-02	LTS101 FUEL CONTROL - DP-S1	Oct-01-1998	1	Oct-01-1998	☒	Nov-05-2018

Reported By Customer

CUSTOMER STATES OVERHAUL AND UPGRADE TO PN 4-301-288-12/2549204-2H+X
Preliminary Insp.

LAST OH DATE: OH-22-7-09. RECEIVED COMPONENT CARDS.
FITTING IN FOLLOWING PORTS: PY 2543843, PX 2543758, PG FACING
SIDEWAYS 2543854, PG FACING DOWN 2543760, PR 2543845

SCREW (334-S-609) ROUNDED HEX HEAD.

SCRAPPED NUT (2543791), SCREW (334-S-609), DRIVE
BODY (2541175), IDLE SCREW (2541177), TEE FITTING
(2543854), NUT (119646), WASHER (363613), ROLLER
(2520561), PIN (2526423), CUT-OFF LEVER (2538578),

Continued on next page...



AVIATION CONTROLS INC

d/b/a PRECISION AVIATION CONTROLS

101 FREEDOM DRIVE

INDEPENDENCE KS 67301

UNITED STATES
(620)331-8180 (620)331-6426 www.precisionaviationcontrols.com

INSPECTION REPORT

W/O No. 9202348 / Page : 2 of 2

Overhaul WORK ORDER No. 9202348

CUT-OFF ROD (2538583) AND SPRING BRACKET (2538583)

C/W GT-333.

Corrective Action

ASSEMBLED AND INSTALLED ADJ. SCREW (2539110), UNION FITTING (2543845), NUT (2520701), WASHER (P24532), CUT-OFF ROD (2538127), DRIVE BODY (2538884), CUT-OFF LINKAGE LEVER (2538115), GOVERNOR SPRING (2521724-4), NUT (2520475), SCREW (334-S-609), NUT (2543791) AND CONSUMABLES.
C/W GT-73-366 AND GT-73-0389

TESTED WITHIN LIMITS IAW HONEYWELL CMM, 73-20-02

A/D's and S/B's

GT-333, GT-73-366, & GT-73-0389. REFERENCE DIFF DATA PAGES FOR CONVERSION

Authorized Signature

Stephanie Edens

Name

Stephanie Edens

Date :

11/30/17

CARD #2
Page 1

SERIAL NO.

5390/

MAINTENANCE REMARKS

[illegible]

--	--	--	--	--

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.

ERC-LB-

COMPONENT NAME fuel Control
PART NUMBER 4-2301-211-0208 V4
SERIAL NUMBER 153901

OMNIFLIGHT HELICOPTER, INC.
ENGINE ACCESSORY RECORD

Original equipment to LEK5386

[illegible]

COMPONENT RECORD CARD

DESCRIPTION Fuel ControlPART NUMBER 4-301-211-05SERIAL NO. 53901

NOTE: RETURN THIS CARD WITH COMPONENTS

DATE	TSN	TSO	CYCLES	MAINTENANCE REMARKS
				Original equipment LE 45386
7-16-96	1273.1	—	—	Removed from engine LE 45386 @ 1273.1 cycles TT K CND 53L7W-73-20-0170
7-25-96		1273.1		Repaired & Modified to P/N DPS1(2549101-2) Lyc #4-301-211-05 AlliedSignal West Coast FAA Repair Station #QT3R801L...
9-7-96	—	1273.1	—	Installed on engine LE 45026 @ 4888.2 engine TT
11-22-97	—	1737.2	—	Removed from engine LE 45026 @ 5352.3 - diaphragm leaking
8-24-97		0.0	—	Overhauled to zero time And Functionally tested to specs FAA Repair Station # QT3R801L
				AUG 25 1998 
1-15-99	1737.2	0.0 TSO		Installed on eng LE 45049 @ GT 3243.3
11-21-01	4199.2	2462		Removed from LE 45049 @ 5705.3 cth
3-8-04		0.0		Overhauled & functionally tested FAW Honeywell DP-S1 cmr 73-20-02 complies GT 301 GT 302 GT 317 GT 326 GT 332 GT 279 PRECISION ENGINE CORP FAA CRS HTLR 589X

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.

CARD #1
Page 2 of 2

PART NUMBER

Fuel Control
04-301-211-06

SERIAL NO.

5390

[illegible]

ERC-LB-6

Airworthiness Service Bulletin Compliance Listing

TSN: 11783.20

Issue Date: 8/02/2019

LTS101-700 D-2

S/N: LE46113C

SB Number / Applicable AD	SB No	REV NUMBER	REV DATE	TITLE	Compliance	Next Due When?	Actual REV NUMBER	Latest Compliance Date	TSN	Status	Signature or Stamp
SB LT101-71-00-	0001	18	14/02/2018	Engine and accessory time between overhaul(TBO) and engine time between inspection (TBI)	MANDATORY	ON COND	18	8/02/2019	11783.20	CW	
SB LT101-71-00- AD93-13-11 AD2009-24-12	0002	27	19/04/2010	Rotating component service life limit (to comply with applicable section of AD- ensured GP disk is serviceable per cycles listed in SB)	MANDATORY	ON COND	27	8/02/2019	11783.20	CW	
SB LT 101-72-40- AD88-14-01	0103	7	3/05/2012	Rear bearing support housing cleaning procedure	MANDATORY	Repeat every 300hr if accessed and at 1800hr HSI	7	8/02/2019	11783.20	CW	
SB LT 101-72-50-	0126	7	7/03/2001	Introduction of improved gas generator turbine blades - INSTALLED ON Gp turbine disc PN: 4-111-015-14 only!	MANDATORY	One time	7	8/02/2019	11783.20	NA BY PN	
SB LT 101-72-50- AD96-12-05	0144	ORIG	15/01/1993	One time inspection power turbine rotor assembly p/n 4-141-290-01/-02	MANDATORY	One time	0	8/02/2019	11783.20	NA BY PN	
SB LT 101-73-10- AD95-08-14	0169	ORIG	12/12/1994	One time inspection of speed pickups p/n 4-301-358-01 - SN: 061907898582A / 0719078101083A	MANDATORY	One time	0	8/02/2019	11783.20	PCW	
SB LT 101-72-50-	0174	6	21/08/2013	Introduction of thrust system	MANDATORY	Repeat at each access	6	8/02/2019	11783.20	CW	
SB LT 101-77-20-	0175	ORIG	2/07/1996	Inspection and rework of thermocouple junction box	MANDATORY	One time	0	8/02/2019	11783.20	PCW	

SB Number / Applicable AD	SB No	REV NUMBER	REV DATE	TITLE	Compliance	Next Due When?	Actual REV NUMBER	Latest Compliance Date	TSN	Status	Signature or Stamp
SB LT 101-72-30- AD2002-03-09 R1	0186	1	25/04/2000	One time inspection of impellers p/n 4-101-052-57/62	MANDATORY	One time	1	8/02/2019	11783.20	NA BY PN	AIRWORK AWM685 (NZ) LTD
SB LT 101-73-10- AD2001-22-07	A0190	ORIG	12/01/1999	Rigid fuel tube manifold rigid tube replacement limits	MANDATORY	One time	0	8/02/2019	11783.20	NA	AIRWORK AWM685 (NZ) LTD
SB LT101-72-50-	0194	1	12/06/2001	ENGINE - TURBINE SECTION - INSPECTION OF POWER TURBINE NOZZLE BRAZEMENT - SN: 980134513245	MANDATORY	ONE TIME	1	8/02/2019	11783.20	PCW	AIRWORK AWM685 (NZ) LTD
SB LT 101-72-60-	0211	4	5/07/2016	Introduction of torquemeter gear assembly improvements - REPLACEMENT OF RETAINING NUTS and BOLTS	MANDATORY	Repeat at each scheduled access if SB previously incorporated	4	8/02/2019	11783.20	CW	AIRWORK AWM685 (NZ) LTD
SB LT 101-75-10-	0225	1	5/03/2007	Introduction of antiicing kit p/n 4-201-080-01	OPTIONAL	One time	1	8/02/2019	11783.20	NCW	AIRWORK AWM685 (NZ) LTD
SB LT 101-75-30-	0238	ORIG	29/04/2004	One time field inspection of flow fence actuator p/n 4-301-102-xx for incorrectly installed diaphragm retainer clip SN: 2403	MANDATORY	One time	0	8/02/2019	11783.20	PCW	AIRWORK AWM685 (NZ) LTD
SB LT 101-70-60-	0239	ORIG	10/08/2004	Removal of certain power pinion gears p/n 4-081-053-07 from service	MANDATORY	One time	0	8/02/2019	11783.20	NA BY PN	AIRWORK AWM685 (NZ) LTD
SB LT 101-73-10-	0240	1	21/10/2004	Inspection of fuel manifold assembly p/n 4-191-100-03 bolt torque SN: 14-169016-02919	MANDATORY	One time	1	8/02/2019	11783.20	CW	AIRWORK AWM685 (NZ) LTD

SB Number / Applicable AD	SB No	REV NUMBER	REV DATE	TITLE	Compliance	Next Due When?	Actual REV NUMBER	Latest Compliance Date	TSN	Status	Signature or Stamp
SB LT 101-72-40-	0241	1	21/03/2005	Field inspection of low smoke combustion liner assembly cooling holes SN: 18-3300-06677	MANDATORY	One time	1	8/02/2019	11783.20	NA BY SN	AIRWORK AWM685 (NZ) LTD
SB LT 101-73-10-	A0242	1	24/03/2006	Removal of fuel manifold assembly p/n 4-191-100-03 with improper welds of the fuel flow divider end cap SN: 14-169016-02919	MANDATORY	One time	1	8/02/2019	11783.20	NA BY SN	AIRWORK AWM685 (NZ) LTD
SB LT 101-72-60-	0243	ORIG	8/09/2006	Removal and replacement of locking cup p/n 4-082-094-01	MANDATORY	One time	0	8/02/2019	11783.20	PCW	AIRWORK AWM685 (NZ) LTD
SB LT 101-72-60-	0245	ORIG	5/12/2006	Replace torquemeter housing p/n 4-081-130-08/10 with new p/n 4-081- 130-09/11	OPTIONAL	One time	0	8/02/2019	11783.20	PCW	AIRWORK AWM685 (NZ) LTD
SB LT 101-79-20-	0248	3	14/11/2016	Introduction of improved FLEX FUEL MANIFOLD, combustor and REAR bearing support housing	MANDATORY	One time	3	8/02/2019	11783.20	PCW	AIRWORK AWM685 (NZ) LTD
SB LT 101-72-00-	0250	1	18/02/2009	Introduction of improved fuel pump p/n 4-301-377-08	OPTIONAL	One time	1	8/02/2019	11783.20	NA BY PN	AIRWORK AWM685 (NZ) LTD
SB LT 101-71-00-	0251	2	3/10/2014	No2 and No3 bearing package oil jets(delta P) inspection	MANDATORY	Initial @ instal, first 50 hr then Repeat 100 hr intervals	2	8/02/2019	11783.20	CW	AIRWORK AWM685 (NZ) LTD
SB LT 101-71-00- AD2011-08-06	0252	ORIG	12/12/2008	Inspection of power turbine rotor blade contained in PT Rotor p/n 4- 141-290-01/03/05/06/11/12/13/14	MANDATORY	One time	0	8/02/2019	11783.20	NA BY PN	AIRWORK AWM685 (NZ) LTD

SB Number / Applicable AD	SB No	REV NUMBER	REV DATE	TITLE	Compliance	Next Due When?	Actual REV NUMBER	Latest Compliance Date	TSN	Status	Signature or Stamp
SB LT 101- 72-50-	0258	3	7/05/2012	Gas generator nozzle p/n 4-111-090-12/R22/R24/25/26/27 inspection SN: 07-20256-00002	MANDATORY	Repeat each access after 1000cyc then 1300cyc / at HSI for -27	3	8/02/2019	11783.20	CW	
SB LT 101- 71-00-	0263	1	18/11/2010	Change in approved oil types	MANDATORY	One time	1	8/02/2019	11783.20	CW	
SB LTS 101-73-20-	0264	4	14/02/2018	ENGINE - FUEL SYSTEM - Introduction of Alternate Fuel Pump Part Numbers and Inspection of Fuel Pump Internal Drive Splines - SN: 0AFP441	MANDATORY	REPEAT 600hr or 2400hr for -9 & -10	4	8/02/2019	11783.20	PCW	
SB LT 101-73-20-	0265	ORIG	2/02/2011	Conversion of power turbine governor p/n 4-301-174-08/10 to 4-301- 289-05	OPTIONAL	One time	0	8/02/2019	11783.20	NA BY PN	
SB LT 101-73-20- AD2011-23-13	A0268	3	3/02/2017	Replacement of PTG bearing p/n 2523973N, 2523973P or 2523973R AND the main drive Brg p/n 2543734 in governors on single engine series. Single Engine series [GT-73-A359] ID Plate to be marked 'SD' SN: NA	MANDATORY	Repeat 900hr	3	8/02/2019	11783.20	NA BY PN	
SB LT 101-72-60-	0270	ORIG	2/04/2012	Removal and replacement of housing N2 speed indicator p/n 4-081- 262-02 with p/n 4-081-262-03 - applicable to Eng PN: 4-001-000-43 ONLY.	MANDATORY	One time	0	8/02/2019	11783.20	NA	
SB LT 101-73-10-	0271	ORIG	16/03/2012	Replacement of bypass valve sleeve p/n 2542086 in specified fuel controls - SN: 53901	MANDATORY	One time	0	8/02/2019	11783.20	NA BY SN	
SB LT 101-73-20-	0272	2	9/07/2015	Replacement of FCU bearing p/n 2523973 AND Main Bearing p/n 2543734 Replacement. Single Engine series [GT-73-368] ID Plate to be marked 'SD' - SN: NA	MANDATORY	Repeat 600hr	2	8/02/2019	11783.20	NA BY PN	

SB Number / Applicable AD	SB No	REV NUMBER	REV DATE	TITLE	Compliance	Next Due When?	Actual REV NUMBER	Latest Compliance Date	TSN	Status	Signature or Stamp
SB LT 101-72-30-	0273	ORIG	25/02/2013	GAS TURBINE ENGINE - INTRODUCTION OF IMPROVED NUMBER 1 BEARING SEAL - PN: 4-304-047-02	OPTIONAL	One time	0	8/02/2019	11783.20	CW	
SB LT 101-73-20-	0274	1	21/08/2013	FCU upgrade from 4-301-288-06 to 4-301-288-09 - Pg and Py fitting changes - SN: NA	MANDATORY	One time	1	8/02/2019	11783.20	NA BY PN	
SB LT 101-73-10-	0275	ORIG	22/08/2013	Fuel manifold flow divider bolt replacement on P/N 4-191-100-03 fuel manifolds SN: 14-169016-02919	MANDATORY	One time	0	8/02/2019	11783.20	PCW	
SB LT 101-73-10-	0278	2	25/04/2017	Engine: Fuel System - Replacement of Pneumatic Controls (PC) Filter, PN:4-301-176-01 & inspection of PC system filter used on LTP101 & LTS101 engine models	MANDATORY	Repeat 150hr/ NO insp for -03 pn	2	8/02/2019	11783.20	CW	
SB LT 101-73-20-	0279	1	20/10/2016	FCU - New Drive Bearing and Spool Bearing replacements with 2400hr TBO intervals. - SN: 53901	MANDATORY	Repeat 2400hr	1	8/02/2019	11783.20	PCW	
SB LTS 101-73-20-	0280	0	3/02/2017	ENGINE - FUEL SYSTEM - Power Turbine Governors, with Improved Spool Bearings and Main Shaft Bearings, for Honeywell Model AL-AB1 Power Turbine Governors Used on LTS101 Engine Series - SN: 24335	MANDATORY	Repeat 2400hr	0	8/02/2019	11783.20	PCW	
SB LTS101-72-40-	0281	0	14/02/2018	ENGINE - Introduction of Gp Turbine Segmented Shroud and PN 4- 111-090-33 Nozzle.	OPTIONAL	One time	0	8/02/2019	11783.20	NCW	

FAA Airworthiness Directives Compliance Listing

LTS101-700D-2

E Embodied
FE Found Embodied
NA Not Applicable

Issue Date: 8/02/2019

S/N: LE46113C

AIRWORTHINESS DIRECTIVE	REV	Source	TITLE	STATUS	Honeywell Service Bulletin EQUIVALENT	COMPLIANCE DATE	Signature
AD2011-23-13	-	FAA	Power turbine governors (PTG)	NA	SB LT101-73-20-A0268	8/02/2019	BS
AD2011-08-06	-	FAA	Inspection of power turbine rotor blade p/n 4-141-290-01/03/05/06/11/12/13/14	NA	SB LT101-71-00-0252	8/02/2019	BS
AD2002-03-09	1	FAA	ENGINE - COMPRESSOR SECTION- ONE TIME INSPECTION OF IMPELLERS PN 4-101-052-57/-62	NA	SB LT101-72-30-0186	8/02/2019	BS
AD2001-22-07	-	FAA	Rigid fuel tube manifold rigid tube replacement limits	NA	SB LT101-73-10-A0190	8/02/2019	BS
AD96-12-05	-	FAA	One time inspection power turbine rotor assembly p/n 4-141-290-01/-02	NA	SB LT101-72-50-0144	8/02/2019	BS



Honeywell Greer Repair and Overhaul

AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS COMPLIANCE LISTING

LTS101-700D-2

LE-46113C

Page 1

SERVICE BULLETIN NO				TITLE	COMPLIANCE	TYPE	TSN	DATE	STATUS	Signature or Stamp for the Certified Repair Station
APPLICABLE AD	REV	DATE					NgCSN NpCSN			
SBLT-101-71-00-	0001	11	11/4/2003	Engine and Accessory Time between Overhaul (TBO) and Engine Time Between Inspection (TBI)	MANDATORY	ON COND	6675.0 7933.0 6572.0	09/28/07	CW	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
SBLT-101-71-00-	0002	25	8/31/2007	Rotating Component Service-Life Limit (To comply with applicable section of AD- ensured GP Disk is serviceable per cycles listed in S/B)	MANDATORY	ON COND	6675.0 7933.0 6572.0	09/28/07	CW	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
AD 93-13-11										
SBLTS-101C-79-00-	0035	1	6/15/2000	Introduction of Combination Bypass/Check Valve 4-301-238-01	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	CW	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
SBLTS-101A-72-00-	0052	2	11/8/1996	Directions for Return to Commerical Service from Military Conformity Certificate FAA Form 8130-2	MANDATORY	ONE TIME	6675.0 7933.0 6572.0	09/28/07	CW	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
SBLT-101 -72-40-	0103	3	5/20/1992	Rear Bearing Support Housing (RBSH)Cleaning Procedure (To comply with applicable section of AD-Performed Delta P IAW para. G <u>2.1</u> /50psi, vent flow good)	MANDATORY	ON COND	6675.0 7933.0 6572.0	09/28/07	CW	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
AD 88-14-01										
SBLT-101 -72-00-	0108	4	6/19/2003	Introduction of Improved No.2 and No.3 Seal Configuration	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	INC	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
SBLT-101 -72-20-	0142	3	8/25/1994	AIR INLET SECTION - Introduction of improved inlet housing assembly	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	INC	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
SBLT-101-72-50-	0148	4	8/1/1996	TURBINE SECTION-Introduction of improved No. 2 bearing (winged)	MANDATORY	ONE TIME	6675.0 7933.0 6572.0	09/28/07	INC	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw

STATUS CODES ARE CW = COMPLIED WITH THIS SHOP VISIT NCW = NOT COMPLIED WITH PCW = PREVIOUSLY COMPLIED WITH N/A = NOT APPLICABLE INC = INCORPORATED

Honeywell Greer Repair and Overhaul

AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS COMPLIANCE LISTING

LTS101-700D-2

LE-46113C

Page 2

SERVICE BULLETIN NO						TSN				Signature or Stamp for the Certified Repair Station
APPLICABLE AD	REV	DATE	TITLE	COMPLIANCE	TYPE	NgCSN NpCSN	DATE	STATUS		
SBLTS-101-73-10- 0169		12/12/1994	FUEL SYSTEM-ONE TIME INSPECTION OF SPEED PICKUPS PN: 4-301-356-01 (AD- Complied with replacement of magnetic speed pickups with serviceable part or inspection of installed pickups to determine serviceability as described in S/B) <i>SIN 061907898582A</i>	MANDATORY	ONE TIME	6675.0 7933.0	09/28/07	<i>CW</i>	CRS# C7GR861 <i>Wes Shaw</i>	
AD 95-08-14			<i>SIN 0719078101083A</i>			6572.0			Wes Shaw	
SBLT 101-73-20- 0171		5/4/1995	GEARBOX - ONE TIME INSPECTION OF OIL TRANSFER TUBE / POWER PINION GEAR BEARING CONFIGURATION. OIL TRANSFER TUBE P/N <i>4-082-060-08</i>	MANDATORY	ONE TIME	6675.0 7933.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i>	
						6572.0			Wes Shaw	
SBLT-101-72-50- 0173	1	9/3/1997	TURBINE SECTION-INTRODUCTION OF SOLID RIVET POWER TURBINE ROTOR	OPTIONAL	ONE TIME	6675.0 7933.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i>	
						6572.0			Wes Shaw	
SBLTS-101-72-50- 0174	5	9/8/2006	TURBINE SECTION- INTRODUCTION OF THRUST SYSTEM (AD- S/B is altenate method of compliance with 95-26-01 and 96-06-10)	MANDATORY	ONE TIME	6675.0 7933.0	09/28/07	<i>CW</i>	CRS# C7GR861 <i>Wes Shaw</i>	
AD 96-06-10 /95-26-01-para (a)						6572.0			Wes Shaw	
SBLT-101-77-20- 0175		7/2/1996	ENGINE INDICATING SECTION-INSPECTION AND REWORK OF THERMOCOUPLE JUNCTION BOX	OPTIONAL	ONE TIME	6675.0 7933.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i>	
						6572.0			Wes Shaw	
SBLTS101-72-60- 0181		9/2/1998	ENGINE - GEARBOX SECTION - IMPROVED Ng ACCESSORY DRIVE	MANDATORY	ONE TIME	6675.0 7933.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i>	
						6572.0			Wes Shaw	
SBLT101-73-20- 0185	1	7/19/2000	ENGINE - FUEL SYSTEM - IMPROVED TEMPRATURE COMPENSATOR	MANDATORY	ONE TIME	6675.0 7933.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i>	
						6572.0			Wes Shaw	

STATUS CODES ARE CW = COMPLIED WITH THIS SHOP VISIT NCW = NOT COMPLIED WITH PCW = PREVIOUSLY COMPLIED WITH N/A = NOT APPLICABLE INC = INCORPORATED

Honeywell Greer Repair and Overhaul

AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS COMPLIANCE LISTING

LTS101-700D-2

LE-46113C

Page 3

SERVICE BULLETIN NO							TSN NgCSN NpCSN	DATE	STATUS	Signature or Stamp for the Certified Repair Station
APPLICABLE AD	REV	DATE	TITLE	COMPLIANCE	TYPE					
SBLT101-72-50-	0194	1	6/12/2001	ENGINE-TURBINE SECTION-INSPECTION OF POWER TURBINE NOZZLE BRAZEMENT <i>S/N 9801345 + 3245</i>	MANDATORY	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>CW</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
SBLT-101-73-10-	0199		1/12/1999	ENGINE-FUEL SYSTEM-AUTHORIZATION TO INSTALL ALTERNATE PART NUMBER RIGHID TUBE FUEL MANIFOLDS	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
SBLT-101-72-60-	0201		2/19/1999	ENGINE-ACCESSORY DRIVES/REDUCTION GEAR SECTION-INTRODUCTION OF IMPROVED LIP SEALS	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
SBLT101-73-20-	0202		2/1/1999	ENGINE-FUEL SYSTEM-INTRODUCTIN OF IMPROVED FUEL CONTROL BELLOWS (To comply with AD, installed Fuel Control with acceptable P/N)	MANDATORY	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
AD 2001-25-04							6572.0			
SBLT101-73-20-	0203	1	1/5/2001	ENGINE-FUEL SYSTEM-INSPECTION OF FUEL PUMP INTERNAL DRIVE SPLINES (To comply with applicable section of AD- Inspected fuel pump, PN listed in S/B at specific time interval listed -HRS till next inspection needed are <i>600 hrs</i>) <i>S/N OAFP 807</i>	MANDATORY	RECURRING	6675.0 7933.0 6572.0	09/28/07	<i>CW</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
AD 2001-17-15							6572.0			
SBLT101-72-30-	0206		5/17/1999	ENGINE-COMPRESSOR SECTION-INTRODUCTION OF COMPRESSOR ROTOR ASSEMBLY WITH A TITANIUM IMPELLER	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
SBLT101-72-40-	0207	1	5/17/1999	ENGINE-COMBUSTION SECTION-INTRODUCTION OF LOW SMOKE COMBUSTION LINER ASSEMBLY	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw

STATUS CODES ARE CW = COMPLIED WITH THIS SHOP VISIT NCW = NOT COMPLIED WITH PCW = PREVIOUSLY COMPLIED WITH N/A = NOT APPLICABLE INC = INCORPORATED

Honeywell Greer Repair and Overhaul

AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS COMPLIANCE LISTING

LTS101-700D-2

LE-46113C

Page 4

SERVICE BULLETIN NO		REV	DATE	TITLE	COMPLIANCE	TYPE	TSN	DATE	STATUS	Signature or Stamp for the Certified Repair Station
APPLICABLE AD							NgCSN NpCSN			
SBLTS101-72-60-	0208		6/25/1999	ENGINE-ACCESSORY DRIVES/REDUCTION GEAR SECTION-INTRODUCTION OF GEARBOX PRODUCT IMPROVEMENT UPGRADES	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
SBLTS101-72-60-	0209		5/17/1999	ENGINE-ACCESSORY DRIVES/REDUCTION GEAR SECTION- INTRODUCTION OF FUEL PUMP AND DRIVE GEAR WITH OIL WETTED SPLINES	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
SBLTS101-72-60-	0210		5/17/1999	ENGINE-ACCESSORY DRIVES/REDUCTION GEAR SECTION- INTRODUCTION OF OIL WETTED STARTER GEAR DRIVE SPLINES	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
SBLTS101-72-60-	0211	1	11/8/2000	ENGINE-ACCESSORY DRIVES/ REDUCTION GEAR SECTION- INTRODUCTION OF TORQUEMETER GEAR ASSEMBLY IMPROVEMENTS	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
SBLT101-72-30-	0217	1	4/24/2002	ENGINE-COMPRESSOR SECTION-INTRODUCTION OF IMPROVED IMPELLER SHROUD	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
LT101-72-60-A	0223	1	8/8/2002	ENGINE-GEARBOX SECTION-REMOVAL OF AFT ACCESSORY SPUR GEAR BEARING PART NO. 4-301-524- 01 FROM SERVICE <i>4-301-538-01 Installed</i>	MANDATORY	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>N/A</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
LT101-73-20-	0230	1	6/26/2003	FUEL SYSTEM-REMOVAL AND REPLACEMENT OF FUEL CONTROL SPRING PART NO. 2521724 <i>S/N 84490030</i>	MANDATORY	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw

STATUS CODES ARE CW = COMPLIED WITH THIS SHOP VISIT NCW = NOT COMPLIED WITH PCW = PREVIOUSLY COMPLIED WITH N/A = NOT APPLICABLE INC = INCORPORATED

Honeywell Greer Repair and Overhaul

AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS COMPLIANCE LISTING

LTS101-700D-2

LE-46113C

Page 5

SERVICE BULLETIN NO				TITLE	COMPLIANCE	TYPE	TSN	DATE	STATUS	Signature or Stamp for the Certified Repair Station
APPLICABLE AD	REV	DATE					NgCSN NpCSN			
LTS101-73-20-A	0231	1	6/30/2003	FUEL SYSTEM-REPLACEMENT OF POWER TURBINE GOVERNOR SPOOL BEARING PART NO. 2523973 <i>S/N 85450122</i>	MANDATORY	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
LTS101-71-00-	0232		10/30/2003	ENGINE- ENGINE CONVERSION TO LTS 101-700D-2, PART NO. 4-001-000-33	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>CW</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
LT101-73-20-A	0235	1	5/14/2004	FUEL SYSTEM-REMOVAL AND REPLACEMENT OF FUEL CONTROL SPOOL BEARING PART NO. 2523973 REV. M <i>S/N 84490030</i>	MANDATORY	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>INC</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
LT101-75-30-	0238		4/29/2004	ENGINE-FUEL SYSTEM-ONE TIME FIELD INSPECTION OF FLOW FENCE ACTUATOR PART NO. 4-301-102-XX <i>S/N 85300022</i>	MANDATORY	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>CW</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
LT101-72-40-	0241	1	3/1/2005	COMBUSTION SECTION- FIELD INSPECTION OF LOW SMOKE 4-131-010-30 COMBUSTION LINER ASSEMBLY COOLING HOLES <i>S/N 02P17184</i>	MANDATORY	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>CW</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
LTS101-72-60-	0243		9/8/2006	GEARBOX - REMOVAL AND REPLACEMENT OF LOCKCUP P/N 4-082-094-01. COMPLIANCE OF SB 0174 (REV. 5 OR LATER)	MANDATORY	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>CW</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
LTS101-72-60-	0245		12/5/2006	REPLACEMENT PART NUMBER TORQUEMETER HOUSING P/N 4-081-130-09 / -11.	OPTIONAL	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>CW</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw
LT101-71-00-	0247		6/11/2007	REPORTING OF ROTATING COMPONENT SERVICE LIFE LIMIT USAGE	MANDATORY	ONE TIME	6675.0 7933.0 6572.0	09/28/07	<i>CW</i>	CRS# C7GR861 <i>Wes Shaw</i> Wes Shaw

STATUS CODES ARE CW = COMPLIED WITH THIS SHOP VISIT NCW = NOT COMPLIED WITH PCW = PREVIOUSLY COMPLIED WITH N/A = NOT APPLICABLE INC = INCORPORATED

☐ MODULE: ☐ AGB ☐ GP ☐ PT

S/N LE-46113C

ERC-LB-7

MODULE: AGB

☐ GP☐ PT

☒ PN:

4-081-000-64 ORI T41524

S/N W85K012

OPERATING & MAINTENANCE RECORD

[illegible]

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: 4-081-000-64

OPERATING & MAINTENANCE RECORD

S/N W85K012

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS																																																									
	TSN	TSO	Ng Cycles	Np Cycles																																																										
JAN 07 2013	10108.9	-	-	-	 AMO 37-96 Heli Technik 100 Bleriot St. P.O. Box 781 Val d'Or, QC, J5P 4P8 Tel: 1-819-874-8804 Fax: 1-819-824-5362 info@heli-technik.com ENG TT: 10108.9 Engine TTSI: 0.0 Total NG CYCLE: 12800.1 NG CYCLE TCSI: 0.0 Total NP CYCLE: 15339.2 NP CYCLE TCSI: 0.0 Aircraft registration: LE-46113C Work report number: 1411 Date: Jan 07, 2013 Engine log Engine SN: LE-46113C <table border="1"><thead><tr><th>Item</th><th>Description</th><th>Correction</th></tr></thead><tbody><tr><td>1</td><td>COMPLETE 1800 HRS INSPECTION</td><td>1800 HRS INSPECTION C/O IAW HONEYWELL M.M SECTION 72-00-00, TABLES 8A, 9, 11 & 12</td></tr><tr><td>2</td><td>PERFORM SB 0251R1 DELTA P CHECK</td><td>SB 0251R1 C/O DELTA P CHECK AT 5.9 PSI(10%) RESULT O.K, ALLOWED 7.4 PSI(80%)</td></tr><tr><td>3</td><td>PERFORM SB 0258R3 GP NOZZLE INSPECTION FOR CRACK</td><td>SB 0258R3 C/O, NDT PERFORMED BY EXECAIRE W/O 71112, ON GP NOZZLE P/N 4-111-090-12 S/N 052025600018 AND FOUND CRACKED</td></tr><tr><td>4</td><td>INSTALL NEW GP NOZZLE</td><td>INSTALLED GP NOZZLE P/N 4-111-090-25 S/N 07-20256-00002 (INSPECTED TSN 591.1 HRS, CSN 1593.4)</td></tr><tr><td>5</td><td>PERFORM SB 103R7 CLEANING OF RBSP (REMOVED RBSP P/N 4-141-010-42 S/N S4813PX)</td><td>SB 103R7 PERFORMED BY H & L ACCESSORY INC W/O 272181 ON INSTALLED RBSP P/N 4-141-010-42 S/N 2082PX</td></tr><tr><td>6</td><td>TORQUE IDLER GEAR P/N 4-081-350-18, S/N 0725242210002 SENT TO AIRGEAR FOR REPAIR AND FOUND UNSERVICEABLE</td><td>INSTALLED TORQUE IDLER GEAR P/N 4-081-350-18, S/N 12-159034-00025 (0.0 TSN)</td></tr><tr><td>7</td><td>CORROSION FOUND ON PINION GEAR P/N 4-081-053-11 S/N 052517400492 SENT TO AIR GEAR FOR REPAIR AND FOUND UNSERVICEABLE</td><td>INSTALLED PINION GEAR P/N 4-081-053-11, S/N 07-102045-01241 (TSN 0.0)</td></tr><tr><td>8</td><td>INSTALL NEW # 4 & 5 BEARING TO MATCH PINION GEAR SIZE D</td><td>INSTALLED BRG P/N 4-301-308-04 (2X) S/N 08-06331-27942, 08-06331-27838 (TSN 0.0)</td></tr><tr><td>9</td><td>REPLACE COMBUSTION LINER P/N 4-131-010-30 (CRACKED OUT OF LIMITS)</td><td>INSTALLED COMBUSTION LINER P/N 4-131-010-30 S/N 07P11801 (TSN 0.0)</td></tr><tr><td>10</td><td>REPLACE FLOW FENCE RING P/N: 4-061-080-07 (WORN OUT)</td><td>INSTALLED FLOW FENCE RING SAME P/N (TSN 0.0)</td></tr><tr><td>11</td><td>REPLACE #3 SEAL P/N: 4-301-448-01 (CRACKED)</td><td>INSTALLED #3 SEAL SAME P/N (0.0 TSN)</td></tr><tr><td>12</td><td>REPLACE OIL DEBRIS MONITOR P/N: 4-301-152-01, S/N 072017900007 (STRIPPED)</td><td>INSTALLED DEBRIS MONITOR SAME P/N S/N 072017900020</td></tr><tr><td>13</td><td>REPLACE # 6 BEARING P/N 4-301-088-02 S/N 7855 (OUTTER RACE SPINNED)</td><td>INSTALLED BEARING P/N 4-301-088-02, S/N 992513508238</td></tr><tr><td>14</td><td>REPLACE #6 BRG BEVEL RING (WORN)</td><td>INSTALLED BEVEL RING P/N N5002-334 (NEW)</td></tr><tr><td>15</td><td>REPLACE GEARBOX COVER AND CASING P/N 4-081-040-55, S/N 84B741 (#6 BEARING BORE WORN OUT OF LIMITS)</td><td>INSTALLED CASING & COVER ASSY P/N 4-081-040-55, S/N 82B428 (OVERHAULED)</td></tr><tr><td>16</td><td>REPLACE THERMOCOUPLE P/N 4-301-501-02 (2X)</td><td>INSTALLED THERMOCOUPLE P/N 4-301-501-02 (2X) S/N 08-25460-00824, 062548001067 (NEW)</td></tr><tr><td>17</td><td>REPLACE PT ROTOR (HIGH CYCLES) 4-141-290-18 S/N 971365101727</td><td>INSTALLED PT ROTOR P/N 4-141-290-18 S/N 081365106795 (TSN 0.0, CSN 0.0)</td></tr><tr><td>18</td><td>SEND FUEL MANIFOLD FOR FLOW CHECK TEST</td><td>FUEL MANIFOLD P/N 4-301-678-01, S/N 1XN06833 TESTED BY INTERMOUNTAIN TURBINE SERVICES W/O 1454</td></tr></tbody></table> The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Name: <u>Stéphane Lacroix</u> Date: <u>1/3/2013</u> STÉPHANE LACROIX	Item	Description	Correction	1	COMPLETE 1800 HRS INSPECTION	1800 HRS INSPECTION C/O IAW HONEYWELL M.M SECTION 72-00-00, TABLES 8A, 9, 11 & 12	2	PERFORM SB 0251R1 DELTA P CHECK	SB 0251R1 C/O DELTA P CHECK AT 5.9 PSI(10%) RESULT O.K, ALLOWED 7.4 PSI(80%)	3	PERFORM SB 0258R3 GP NOZZLE INSPECTION FOR CRACK	SB 0258R3 C/O, NDT PERFORMED BY EXECAIRE W/O 71112, ON GP NOZZLE P/N 4-111-090-12 S/N 052025600018 AND FOUND CRACKED	4	INSTALL NEW GP NOZZLE	INSTALLED GP NOZZLE P/N 4-111-090-25 S/N 07-20256-00002 (INSPECTED TSN 591.1 HRS, CSN 1593.4)	5	PERFORM SB 103R7 CLEANING OF RBSP (REMOVED RBSP P/N 4-141-010-42 S/N S4813PX)	SB 103R7 PERFORMED BY H & L ACCESSORY INC W/O 272181 ON INSTALLED RBSP P/N 4-141-010-42 S/N 2082PX	6	TORQUE IDLER GEAR P/N 4-081-350-18, S/N 0725242210002 SENT TO AIRGEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED TORQUE IDLER GEAR P/N 4-081-350-18, S/N 12-159034-00025 (0.0 TSN)	7	CORROSION FOUND ON PINION GEAR P/N 4-081-053-11 S/N 052517400492 SENT TO AIR GEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED PINION GEAR P/N 4-081-053-11, S/N 07-102045-01241 (TSN 0.0)	8	INSTALL NEW # 4 & 5 BEARING TO MATCH PINION GEAR SIZE D	INSTALLED BRG P/N 4-301-308-04 (2X) S/N 08-06331-27942, 08-06331-27838 (TSN 0.0)	9	REPLACE COMBUSTION LINER P/N 4-131-010-30 (CRACKED OUT OF LIMITS)	INSTALLED COMBUSTION LINER P/N 4-131-010-30 S/N 07P11801 (TSN 0.0)	10	REPLACE FLOW FENCE RING P/N: 4-061-080-07 (WORN OUT)	INSTALLED FLOW FENCE RING SAME P/N (TSN 0.0)	11	REPLACE #3 SEAL P/N: 4-301-448-01 (CRACKED)	INSTALLED #3 SEAL SAME P/N (0.0 TSN)	12	REPLACE OIL DEBRIS MONITOR P/N: 4-301-152-01, S/N 072017900007 (STRIPPED)	INSTALLED DEBRIS MONITOR SAME P/N S/N 072017900020	13	REPLACE # 6 BEARING P/N 4-301-088-02 S/N 7855 (OUTTER RACE SPINNED)	INSTALLED BEARING P/N 4-301-088-02, S/N 992513508238	14	REPLACE #6 BRG BEVEL RING (WORN)	INSTALLED BEVEL RING P/N N5002-334 (NEW)	15	REPLACE GEARBOX COVER AND CASING P/N 4-081-040-55, S/N 84B741 (#6 BEARING BORE WORN OUT OF LIMITS)	INSTALLED CASING & COVER ASSY P/N 4-081-040-55, S/N 82B428 (OVERHAULED)	16	REPLACE THERMOCOUPLE P/N 4-301-501-02 (2X)	INSTALLED THERMOCOUPLE P/N 4-301-501-02 (2X) S/N 08-25460-00824, 062548001067 (NEW)	17	REPLACE PT ROTOR (HIGH CYCLES) 4-141-290-18 S/N 971365101727	INSTALLED PT ROTOR P/N 4-141-290-18 S/N 081365106795 (TSN 0.0, CSN 0.0)	18	SEND FUEL MANIFOLD FOR FLOW CHECK TEST	FUEL MANIFOLD P/N 4-301-678-01, S/N 1XN06833 TESTED BY INTERMOUNTAIN TURBINE SERVICES W/O 1454
Item	Description	Correction																																																												
1	COMPLETE 1800 HRS INSPECTION	1800 HRS INSPECTION C/O IAW HONEYWELL M.M SECTION 72-00-00, TABLES 8A, 9, 11 & 12																																																												
2	PERFORM SB 0251R1 DELTA P CHECK	SB 0251R1 C/O DELTA P CHECK AT 5.9 PSI(10%) RESULT O.K, ALLOWED 7.4 PSI(80%)																																																												
3	PERFORM SB 0258R3 GP NOZZLE INSPECTION FOR CRACK	SB 0258R3 C/O, NDT PERFORMED BY EXECAIRE W/O 71112, ON GP NOZZLE P/N 4-111-090-12 S/N 052025600018 AND FOUND CRACKED																																																												
4	INSTALL NEW GP NOZZLE	INSTALLED GP NOZZLE P/N 4-111-090-25 S/N 07-20256-00002 (INSPECTED TSN 591.1 HRS, CSN 1593.4)																																																												
5	PERFORM SB 103R7 CLEANING OF RBSP (REMOVED RBSP P/N 4-141-010-42 S/N S4813PX)	SB 103R7 PERFORMED BY H & L ACCESSORY INC W/O 272181 ON INSTALLED RBSP P/N 4-141-010-42 S/N 2082PX																																																												
6	TORQUE IDLER GEAR P/N 4-081-350-18, S/N 0725242210002 SENT TO AIRGEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED TORQUE IDLER GEAR P/N 4-081-350-18, S/N 12-159034-00025 (0.0 TSN)																																																												
7	CORROSION FOUND ON PINION GEAR P/N 4-081-053-11 S/N 052517400492 SENT TO AIR GEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED PINION GEAR P/N 4-081-053-11, S/N 07-102045-01241 (TSN 0.0)																																																												
8	INSTALL NEW # 4 & 5 BEARING TO MATCH PINION GEAR SIZE D	INSTALLED BRG P/N 4-301-308-04 (2X) S/N 08-06331-27942, 08-06331-27838 (TSN 0.0)																																																												
9	REPLACE COMBUSTION LINER P/N 4-131-010-30 (CRACKED OUT OF LIMITS)	INSTALLED COMBUSTION LINER P/N 4-131-010-30 S/N 07P11801 (TSN 0.0)																																																												
10	REPLACE FLOW FENCE RING P/N: 4-061-080-07 (WORN OUT)	INSTALLED FLOW FENCE RING SAME P/N (TSN 0.0)																																																												
11	REPLACE #3 SEAL P/N: 4-301-448-01 (CRACKED)	INSTALLED #3 SEAL SAME P/N (0.0 TSN)																																																												
12	REPLACE OIL DEBRIS MONITOR P/N: 4-301-152-01, S/N 072017900007 (STRIPPED)	INSTALLED DEBRIS MONITOR SAME P/N S/N 072017900020																																																												
13	REPLACE # 6 BEARING P/N 4-301-088-02 S/N 7855 (OUTTER RACE SPINNED)	INSTALLED BEARING P/N 4-301-088-02, S/N 992513508238																																																												
14	REPLACE #6 BRG BEVEL RING (WORN)	INSTALLED BEVEL RING P/N N5002-334 (NEW)																																																												
15	REPLACE GEARBOX COVER AND CASING P/N 4-081-040-55, S/N 84B741 (#6 BEARING BORE WORN OUT OF LIMITS)	INSTALLED CASING & COVER ASSY P/N 4-081-040-55, S/N 82B428 (OVERHAULED)																																																												
16	REPLACE THERMOCOUPLE P/N 4-301-501-02 (2X)	INSTALLED THERMOCOUPLE P/N 4-301-501-02 (2X) S/N 08-25460-00824, 062548001067 (NEW)																																																												
17	REPLACE PT ROTOR (HIGH CYCLES) 4-141-290-18 S/N 971365101727	INSTALLED PT ROTOR P/N 4-141-290-18 S/N 081365106795 (TSN 0.0, CSN 0.0)																																																												
18	SEND FUEL MANIFOLD FOR FLOW CHECK TEST	FUEL MANIFOLD P/N 4-301-678-01, S/N 1XN06833 TESTED BY INTERMOUNTAIN TURBINE SERVICES W/O 1454																																																												

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-1B-4

ENGINE

OPERATING & MAINTENANCE RECORD

MODULE: ☒ AGB ☐ GP ☐ PT ☐ PN: 4-081-000-64

S/N W85K012

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS																		
	TSN	TSO	Ng Cycles	Np Cycles																			
2013 AUG 23	10112.7	—	—	—																			
 AMO 37-96 Heli Technik 100 BLERIOT ST P.O. BOX 781 VAL D'OR, QC, J9P 4P8 Ph. Office: 1-819-874-8804 Fax: 1-819-824-5362 info@helitechnik.com ENGINE TT : 10112.7 Engine TTSI : 3.8 Total NG CYCLE : 12808.6 NG CYCLE TCSI : 8.5 Aircraft registration: LE-46113C Work report number: 1474 Date: Aug 23, 2013 Engine log Engine SN: LE-46113C <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th>Item</th> <th>Description</th> <th>Correction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ENGINE MAKING METAL</td> <td></td> </tr> <tr> <td>2</td> <td>REPLACE # 20 BEARING P/N 4-301-271-02</td> <td>FOUND # 20 BEARING DAMAGED IN ACCESSORY GEARBOX</td> </tr> <tr> <td>3</td> <td>REPLACE #19 BEARING P/N 4-301-538-01(FOR CONVENIENCE)</td> <td>INSTALLED 4-301-271-01, S/N 012513600308 (NEW)</td> </tr> <tr> <td>4</td> <td>REPLACE GEAR, SPUR, N2 ACCESSORY DRIVE 4-081-004-15 (FOR CONVENIENCE)</td> <td>INSTALLED BRG P/N 4-301-538-01, S/N 0219914190339 (NEW)</td> </tr> <tr> <td colspan="2"></td> <td>INSTALLED GEAR SAME P/N NEW</td> </tr> </tbody> </table> The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Name: <u>Stephane Lafreniere</u> License no.: <u>M382296</u> STEPHANE LAFRENIERE						Item	Description	Correction	1	ENGINE MAKING METAL		2	REPLACE # 20 BEARING P/N 4-301-271-02	FOUND # 20 BEARING DAMAGED IN ACCESSORY GEARBOX	3	REPLACE #19 BEARING P/N 4-301-538-01(FOR CONVENIENCE)	INSTALLED 4-301-271-01, S/N 012513600308 (NEW)	4	REPLACE GEAR, SPUR, N2 ACCESSORY DRIVE 4-081-004-15 (FOR CONVENIENCE)	INSTALLED BRG P/N 4-301-538-01, S/N 0219914190339 (NEW)			INSTALLED GEAR SAME P/N NEW
						Item	Description	Correction															
						1	ENGINE MAKING METAL																
						2	REPLACE # 20 BEARING P/N 4-301-271-02	FOUND # 20 BEARING DAMAGED IN ACCESSORY GEARBOX															
						3	REPLACE #19 BEARING P/N 4-301-538-01(FOR CONVENIENCE)	INSTALLED 4-301-271-01, S/N 012513600308 (NEW)															
						4	REPLACE GEAR, SPUR, N2 ACCESSORY DRIVE 4-081-004-15 (FOR CONVENIENCE)	INSTALLED BRG P/N 4-301-538-01, S/N 0219914190339 (NEW)															
								INSTALLED GEAR SAME P/N NEW															
						 airwork (NZ) LIMITED Turbine Support Services LT101 Authorised Service Centre Airfield Road, Ardmore Papakura, Auckland New Zealand Phone: +64 9 295 2100 Fax: +64 9 295 2103 07 February 2019 <table border="1" style="width: 100%;"> <tr> <td>AGB Module</td> <td>Part No: 4-081-000-64 ORI T41524, SB174</td> <td>Serial No: W85K012</td> <td>TSN: 11783.20</td> </tr> </table> 1800 Hour Gearbox Inspection carried out. Following Service Bulletins were complied with: LT101-71-00-0001 (R18), LT101-71-00-0002 (R27), LT101-72-60-0211 (R4). Following Parts were replaced: Starter Gear, Speed Sensing Gear, PTO Gear, Torque Idler Gear, Fwd and Aft clutch Brgs, Output Shaft, Sprag Clutch, Brg's #8, 20, 21, 22, 23 & 24. All work performed IAW LTS101-2.1 MM (Rev.18) dated 19 January 2015. Job details held on file under Airwork [NZ] Ltd work order WO-117195. The maintenance recorded above was accomplished in accordance with Title 14, Code of Federal Regulations Part 43. In respect to that work, the Engine is approved for release to service. For Airwork (NZ) Ltd, B Garner, AWM 685.						AGB Module	Part No: 4-081-000-64 ORI T41524, SB174	Serial No: W85K012	TSN: 11783.20								
												AGB Module	Part No: 4-081-000-64 ORI T41524, SB174	Serial No: W85K012	TSN: 11783.20								

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

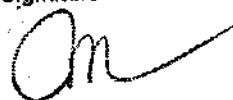
☐ ENGINE
☒ MODULE ☒ AGB ☐ GP ☐ PT

MAJOR COMPONENT RECORD S/N W85K012

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D COMPONENT TOTAL TIME		
		HOURS CYCLES	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES		
PART NAME	PART NO. SERIAL NO.						
POWER PINION GEAR	4-081-053-11	0.0	6675.0	10108.9	3433.9	Pitting	Ln
	062517400492	-	-	-	-		
OUTPUT GEAR	4-081-360-11	0.0	6675.0	11783.20	5108.20	PITTING / TEETH WORN	BS
	NSN	-	-	-	-		
TORQUE IDLER GEAR	4-081-350-18	0.0	6675.0	10108.9	3433.9	CRACKED NUT	Ln
	072524210002	-	-	-	-		
#4 BEARING	4-301-306-03	0.0	6675.0	10108.9	3433.9	NEW PINION GEAR	LD
	000633101251	-	-	-	-		
#5 BEARING	4-301-306-03	2757.0	6675.0	10108.9	6190.9	NEW PINION GEAR	LD
	53969	-	-	-	-		
CASE, COVER ASSEMBLY	4-081-040-53	0.0	10108.9				
	82B428	TSO	-				
Torque Idler GEAR	4-081-350-18	0.0	10108.9	11783.20	10108.90	WEAR STEP UNDER BOLT HEADS.	BS
	12-169034-00025	-	-	-	-		
Power Pinion GEAR	4-081-053-11	0.0	10108.9				
	07-102045-01241	-	-				
#4 BEARING	4-301-306-04	0.0	10108.9				
	08-06331-27942	-	-				
#5 BEARING	4-301-306-04	0.0	10108.9				
	08-06331-27958	-	-				
#6 BEARING	4-301-088-02	0.0	10108.9				
	992513608238	TSO	-				
#20 BEARING	4-301-271-01	0.0	10112.7	11783.2	1070.5	REMOVED BY AIRWORK (W) LTD. REF W/O 117195 @ ENGT: 11783.2	
	012513600308	TSN	-	-	TSN		

MAJOR COMPONENT RECORD
S/N W85K012

[illegible]

1. Approving National Aviation Authority Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking No. 4745-W1	
4. Approved Organization Name and Address HELI TECHNIK 100 BLERIOT, VAL-D'OR AIRPORT VAL-D'OR, QC., J9P 4P8				5. Work Order/Contract/Invoice 4745	
6. Item 1	7. Description GP MODULE	8. Part No. 4-103-000-36	9. Qty 1	10. Serial/Batch No W84H015	11. Status/Work INSPECTED
12. Remarks -1800 HRS INSPECTION C/O IAW HONEYWELL MM TABLE 8A, 9, 11. -INSTALLED AIR INLET SHAFT BEARING P/N 4-301-478-01(LOT#MK58760) (TSN 0) -INSTALLED #1 SEAL P/N 4-301-047-01, S/N 08-18210-05495 9 (TSN 0) -INSTALLED #1 BRG P/N 4-301-243-03, S/N 08-19914-27001 (TSN 0) -SB 0258 C/O ON GP NOZZLE PN 4-111-090-12 SN 052025600018 & NO DEFECT FOUND.					
TTSC: 0.0 TTSN: 9014.4 13 a. Certifies that the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non approved design data specified in block 13.			14 a. ☒ CAR 571.10 Maintenance release ☐ Other regulations specified in block 13 Certifies that, except where otherwise specified in block 12, the work identified in block 11 and described in block 12, have been performed in accordance with the Canadian Aviation Regulations.		
13 b. Signature N/A		13 c. Approved Organization Number N/A		14 b. Signature 	
13 d. Name N/A		13 e. Date (dd/mm/yyyy) N/A		14 c. Approved Organization Number 37-96	
14 d. Name LUC RICHARD - M277395		14 e. Date (dd/mm/yyyy) 02/06/2010			

COPIE

Previously form 24-0078)

Important: See notes

Installer Responsibilities

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain

Statement issued in accordance with the applicable national regulations before the aircraft may be flown.

☒ MODULE: ☐ AGB ☒ GP ☐ PT ☒ PN: 4-103-000-36 OR T41524

S/N W84H015

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

☐ MODULE: ☐ AGB ☐ GP ☐ PT ☐ PN:

S/N

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

OPERATING & MAINTENANCE RECORD

☒ MODULE: ☐ AGB ☒ GP ☐ PT ☐ PN: 4-103-000-36

S/N W84 H015

DATE	ENGINE OPERATING TIME & CYCLES				MAINTENANCE REMARKS																																																									
	TSN	TSO	Ng Cycles	Np Cycles																																																										
16/07/2013	10800.9	-	13659.1	-	 AMO 37-96 Heli Technik 100 Bleriot St. P.O. Box 781 Val d'Or, QC, J9P 4P8 Tel: 1-819-874-8804 Fax: 1-819-824-5362 info@helitechnik.com ENG TT: 10108.9 Engine TTST: 0.0 Total NG CYCLE: 12800.1 NG CYCLE TCSI: 0.0 Total NP CYCLE: 16339.2 NP CYCLE TCSI: 0.0 Aircraft registration: LE-48113C Work report number: 1411 Date: Jan 07, 2013 Engine log Engine SN: LE-48113C <table border="1"><thead><tr><th>Item</th><th>Description</th><th>Correction</th></tr></thead><tbody><tr><td>1</td><td>COMPLETE 1800 HRS INSPECTION</td><td>1800 HRS INSPECTION C/O IAW HONEYWELL M.M SECTION 72-00-00, TABLES 8A, 9, 11 & 12</td></tr><tr><td>2</td><td>PERFORM SB 0251R1 DELTA P CHECK</td><td>SB 0251R1 C/O DELTA P CHECK AT 5.9 PSI (40%) RESULT O.K, ALLOWED 7.4 PSI (50%)</td></tr><tr><td>3</td><td>PERFORM SB 0258R3 GP NOZZLE INSPECTION FOR CRACK</td><td>SB 0258R3 C/O. NDT PERFORMED BY EXECAIRE W/O 71112, ON GP NOZZLE P/N 4-111-090-12 S/N 05202560C018 AND FOUND CRACKED</td></tr><tr><td>4</td><td>INSTALL NEW GP NOZZLE</td><td>INSTALLED GP NOZZLE P/N 4-111-090-25 S/N 07-20256-00002 (INSPECTED TSN 591.1 HRS, CSN 1593.4)</td></tr><tr><td>5</td><td>PERFORM SB 103R7 CLEANING OF RBSP (REMOVED RBSP P/N 4-141-010-42 S/N S4816PX)</td><td>SB 103R7 PERFORMED BY H & L ACCESSORY INC W/O 272181 ON INSTALLED RBSP P/N 4-141-010-42 S/N 2082PX</td></tr><tr><td>6</td><td>TORQUE IDLER GEAR P/N 4-081-350-18, S/N 0725242210002 SENT TO AIRGEAR FOR REPAIR AND FOUND UNSERVICEABLE</td><td>INSTALLED TORQUE IDLER GEAR P/N 4-081-350-18, S/N 12-169034-00025 (0.0 TSN)</td></tr><tr><td>7</td><td>CORROSION FOUND ON PINION GEAR P/N 4-081-053-11 S/N 062517400492 SENT TO AIR GEAR FOR REPAIR AND FOUND UNSERVICEABLE</td><td>INSTALLED PINION GEAR P/N 4-081-053-11, S/N 07-102045-01241 (TSN 0.0)</td></tr><tr><td>8</td><td>INSTALL NEW # 4 & 5 BEARING TO MATCH PINION GEAR SIZE D</td><td>INSTALLED BRG P/N 4-301-306-04 (2X) S/N 08-06331-27942, 08-06331-27938 (TSN 0.0)</td></tr><tr><td>9</td><td>REPLACE COMBUSTION LINER P/N 4-131-010-30 (CRACKED OUT OF LIMITS)</td><td>INSTALLED COMBUSTION LINER P/N 4-131-010-30 S/N 07P11801 (TSN 0.0)</td></tr><tr><td>10</td><td>REPLACE FLOW FENCE RING P/N: 4-061-060-07 (WORN OUT)</td><td>INSTALLED FLOW FENCE RING SAME P/N (TSN 0.0)</td></tr><tr><td>11</td><td>REPLACE #3 SEAL P/N: 4-301-448-01 (CRACKED)</td><td>INSTALLED #3 SEAL SAME P/N (0.0 TSN)</td></tr><tr><td>12</td><td>REPLACE OIL DEBRIS MONITOR P/N: 4-301-152-01, S/N 072017900007 (STRIPPED)</td><td>INSTALLED DEBRIS MONITOR SAME P/N S/N 0720179000020</td></tr><tr><td>13</td><td>REPLACE # 6 BEARING P/N 4-301-088-02 S/N 7855 (OUTTER RACE SPINNED)</td><td>INSTALLED BEARING P/N 4-301-088-02, S/N 992513608238</td></tr><tr><td>14</td><td>REPLACE #8 BRG BEVEL RING (WORN)</td><td>INSTALLED BEVEL RING P/N N5002-334 (NEW)</td></tr><tr><td>15</td><td>REPLACE GEARBOX COVER AND CASING P/N 4-081-040-55, S/N B4B741 (#8 BEARING BORE WORN OUT OF LIMITS)</td><td>INSTALLED CASING & COVER ASSY P/N 4-081-040-55, S/N 82B428 (OVERHAULED)</td></tr><tr><td>16</td><td>REPLACE THERMOCOUPLE P/N 4-301-501-02 (2X)</td><td>INSTALLED THERMOCOUPLE P/N 4-301-501-02 (2X) S/N 08-25450-00824, 062548001067 (NEW)</td></tr><tr><td>17</td><td>REPLACE PT ROTOR (HIGH CYCLES) 4-141-290-18 S/N 971385101727</td><td>INSTALLED PT ROTOR P/N 4-141-290-18 S/N 081385106755 (TSN 0.0, CSN 0.0)</td></tr><tr><td>18</td><td>SEND FUEL MANIFOLD FOR FLOW CHECK TEST</td><td>FUEL MANIFOLD P/N 4-301-676-01, S/N 1XN06853 TESTED BY INTERMOUNTAIN TURBINE SERVICES W/O 1484</td></tr></tbody></table> The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Name: <u>Stephane Lapierre</u> License no.: <u>M382296</u>	Item	Description	Correction	1	COMPLETE 1800 HRS INSPECTION	1800 HRS INSPECTION C/O IAW HONEYWELL M.M SECTION 72-00-00, TABLES 8A, 9, 11 & 12	2	PERFORM SB 0251R1 DELTA P CHECK	SB 0251R1 C/O DELTA P CHECK AT 5.9 PSI (40%) RESULT O.K, ALLOWED 7.4 PSI (50%)	3	PERFORM SB 0258R3 GP NOZZLE INSPECTION FOR CRACK	SB 0258R3 C/O. NDT PERFORMED BY EXECAIRE W/O 71112, ON GP NOZZLE P/N 4-111-090-12 S/N 05202560C018 AND FOUND CRACKED	4	INSTALL NEW GP NOZZLE	INSTALLED GP NOZZLE P/N 4-111-090-25 S/N 07-20256-00002 (INSPECTED TSN 591.1 HRS, CSN 1593.4)	5	PERFORM SB 103R7 CLEANING OF RBSP (REMOVED RBSP P/N 4-141-010-42 S/N S4816PX)	SB 103R7 PERFORMED BY H & L ACCESSORY INC W/O 272181 ON INSTALLED RBSP P/N 4-141-010-42 S/N 2082PX	6	TORQUE IDLER GEAR P/N 4-081-350-18, S/N 0725242210002 SENT TO AIRGEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED TORQUE IDLER GEAR P/N 4-081-350-18, S/N 12-169034-00025 (0.0 TSN)	7	CORROSION FOUND ON PINION GEAR P/N 4-081-053-11 S/N 062517400492 SENT TO AIR GEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED PINION GEAR P/N 4-081-053-11, S/N 07-102045-01241 (TSN 0.0)	8	INSTALL NEW # 4 & 5 BEARING TO MATCH PINION GEAR SIZE D	INSTALLED BRG P/N 4-301-306-04 (2X) S/N 08-06331-27942, 08-06331-27938 (TSN 0.0)	9	REPLACE COMBUSTION LINER P/N 4-131-010-30 (CRACKED OUT OF LIMITS)	INSTALLED COMBUSTION LINER P/N 4-131-010-30 S/N 07P11801 (TSN 0.0)	10	REPLACE FLOW FENCE RING P/N: 4-061-060-07 (WORN OUT)	INSTALLED FLOW FENCE RING SAME P/N (TSN 0.0)	11	REPLACE #3 SEAL P/N: 4-301-448-01 (CRACKED)	INSTALLED #3 SEAL SAME P/N (0.0 TSN)	12	REPLACE OIL DEBRIS MONITOR P/N: 4-301-152-01, S/N 072017900007 (STRIPPED)	INSTALLED DEBRIS MONITOR SAME P/N S/N 0720179000020	13	REPLACE # 6 BEARING P/N 4-301-088-02 S/N 7855 (OUTTER RACE SPINNED)	INSTALLED BEARING P/N 4-301-088-02, S/N 992513608238	14	REPLACE #8 BRG BEVEL RING (WORN)	INSTALLED BEVEL RING P/N N5002-334 (NEW)	15	REPLACE GEARBOX COVER AND CASING P/N 4-081-040-55, S/N B4B741 (#8 BEARING BORE WORN OUT OF LIMITS)	INSTALLED CASING & COVER ASSY P/N 4-081-040-55, S/N 82B428 (OVERHAULED)	16	REPLACE THERMOCOUPLE P/N 4-301-501-02 (2X)	INSTALLED THERMOCOUPLE P/N 4-301-501-02 (2X) S/N 08-25450-00824, 062548001067 (NEW)	17	REPLACE PT ROTOR (HIGH CYCLES) 4-141-290-18 S/N 971385101727	INSTALLED PT ROTOR P/N 4-141-290-18 S/N 081385106755 (TSN 0.0, CSN 0.0)	18	SEND FUEL MANIFOLD FOR FLOW CHECK TEST	FUEL MANIFOLD P/N 4-301-676-01, S/N 1XN06853 TESTED BY INTERMOUNTAIN TURBINE SERVICES W/O 1484
Item	Description	Correction																																																												
1	COMPLETE 1800 HRS INSPECTION	1800 HRS INSPECTION C/O IAW HONEYWELL M.M SECTION 72-00-00, TABLES 8A, 9, 11 & 12																																																												
2	PERFORM SB 0251R1 DELTA P CHECK	SB 0251R1 C/O DELTA P CHECK AT 5.9 PSI (40%) RESULT O.K, ALLOWED 7.4 PSI (50%)																																																												
3	PERFORM SB 0258R3 GP NOZZLE INSPECTION FOR CRACK	SB 0258R3 C/O. NDT PERFORMED BY EXECAIRE W/O 71112, ON GP NOZZLE P/N 4-111-090-12 S/N 05202560C018 AND FOUND CRACKED																																																												
4	INSTALL NEW GP NOZZLE	INSTALLED GP NOZZLE P/N 4-111-090-25 S/N 07-20256-00002 (INSPECTED TSN 591.1 HRS, CSN 1593.4)																																																												
5	PERFORM SB 103R7 CLEANING OF RBSP (REMOVED RBSP P/N 4-141-010-42 S/N S4816PX)	SB 103R7 PERFORMED BY H & L ACCESSORY INC W/O 272181 ON INSTALLED RBSP P/N 4-141-010-42 S/N 2082PX																																																												
6	TORQUE IDLER GEAR P/N 4-081-350-18, S/N 0725242210002 SENT TO AIRGEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED TORQUE IDLER GEAR P/N 4-081-350-18, S/N 12-169034-00025 (0.0 TSN)																																																												
7	CORROSION FOUND ON PINION GEAR P/N 4-081-053-11 S/N 062517400492 SENT TO AIR GEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED PINION GEAR P/N 4-081-053-11, S/N 07-102045-01241 (TSN 0.0)																																																												
8	INSTALL NEW # 4 & 5 BEARING TO MATCH PINION GEAR SIZE D	INSTALLED BRG P/N 4-301-306-04 (2X) S/N 08-06331-27942, 08-06331-27938 (TSN 0.0)																																																												
9	REPLACE COMBUSTION LINER P/N 4-131-010-30 (CRACKED OUT OF LIMITS)	INSTALLED COMBUSTION LINER P/N 4-131-010-30 S/N 07P11801 (TSN 0.0)																																																												
10	REPLACE FLOW FENCE RING P/N: 4-061-060-07 (WORN OUT)	INSTALLED FLOW FENCE RING SAME P/N (TSN 0.0)																																																												
11	REPLACE #3 SEAL P/N: 4-301-448-01 (CRACKED)	INSTALLED #3 SEAL SAME P/N (0.0 TSN)																																																												
12	REPLACE OIL DEBRIS MONITOR P/N: 4-301-152-01, S/N 072017900007 (STRIPPED)	INSTALLED DEBRIS MONITOR SAME P/N S/N 0720179000020																																																												
13	REPLACE # 6 BEARING P/N 4-301-088-02 S/N 7855 (OUTTER RACE SPINNED)	INSTALLED BEARING P/N 4-301-088-02, S/N 992513608238																																																												
14	REPLACE #8 BRG BEVEL RING (WORN)	INSTALLED BEVEL RING P/N N5002-334 (NEW)																																																												
15	REPLACE GEARBOX COVER AND CASING P/N 4-081-040-55, S/N B4B741 (#8 BEARING BORE WORN OUT OF LIMITS)	INSTALLED CASING & COVER ASSY P/N 4-081-040-55, S/N 82B428 (OVERHAULED)																																																												
16	REPLACE THERMOCOUPLE P/N 4-301-501-02 (2X)	INSTALLED THERMOCOUPLE P/N 4-301-501-02 (2X) S/N 08-25450-00824, 062548001067 (NEW)																																																												
17	REPLACE PT ROTOR (HIGH CYCLES) 4-141-290-18 S/N 971385101727	INSTALLED PT ROTOR P/N 4-141-290-18 S/N 081385106755 (TSN 0.0, CSN 0.0)																																																												
18	SEND FUEL MANIFOLD FOR FLOW CHECK TEST	FUEL MANIFOLD P/N 4-301-676-01, S/N 1XN06853 TESTED BY INTERMOUNTAIN TURBINE SERVICES W/O 1484																																																												

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

OPERATING & MAINTENANCE RECORD

☒ MODULE: ☐ AGB ☒ GP ☐ PT ☐ PN: 4-103-000-36S/N W84H015

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS					
	TSN	TSO	Ng Cycles	Np Cycles						
07/02/19	12475.20	/	15171.20	/	 airwork (NZ) LIMITED Turbine Support Services LT101 Authorised Service Centre Airfield Road, Ardmore Papakura, Auckland New Zealand Phone: +64 9 295 2100 Fax: +64 9 295 2103 07 February 2019 <table border="1"><tr><td>GP Module</td><td>Part No: 4-103-000-36 ORI T41524</td><td>Serial No: W84H015</td><td>TSN: 12475.20</td><td>Ng CSN: 15171.20</td></tr></table> 1800 Hour Hot Section Inspection carried out. Following Service Bulletins were complied with: LT101-71-00-0001 (R18), LT101-71-00-0002 (R27), LT101-72-50-0258 (R3) & LT101-72-30-0273. Following Parts were replaced: Inlet Housing, Axial Rotor, Brg's #1, 2 [inner], #1 Seal, Seal Rings & Springs and Curl. Following Clearances & Tolerances were maintained: GP Shaft stretch 0.0125" @ 180ft/lbs, Impeller "C" Clearance 0.025" & Gp Tip Clearance 0.012" - 0.014". All work performed IAW LTS101-2.1 MM (Rev.18) dated 19 January 2015 and LTS101-3 OHM (R3) dated 30 July 2010. Job details held on file under Airwork [NZ] Ltd work order WO-117195. The maintenance recorded above was accomplished in accordance with Title 14, Code of Federal Regulations Part 43. In respect to that work, the Engine is approved for release to service. For Airwork (NZ) Ltd, B Garner, AWM 685. 	GP Module	Part No: 4-103-000-36 ORI T41524	Serial No: W84H015	TSN: 12475.20	Ng CSN: 15171.20
GP Module	Part No: 4-103-000-36 ORI T41524	Serial No: W84H015	TSN: 12475.20	Ng CSN: 15171.20						

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

MAJOR COMPONENT RECORD

S/N W84H015

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D COMPONENT TOTAL TIME		
		HOURS CYCLES	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES		
PART NAME	PART NO. SERIAL NO.						
#1 SEAL	4-304-047-01	0.0	7367.0	9014.4	1647.0	Leaking	LM
	071821002071	-	-	-	-		
#1 BEARING	4-301-242-03	0.0	7367.0	9014.4	1647.0	Leaking Pitter	LM
	071991415994	-	-				
#2 BEARING	4-301-518-01	0.0	7367.0	12475.20	5108.20	PRECAUTIONARY	BS
	070633105011	-	-				
GP ROTOR ASSY	4-111-250-04	0.0	7367.0				
	040322901620	0.0	8792.0				
GP DISC	4-111-062-03	0.0	7367.0				
	040322901620	0.0	8792.0				
GP SPACER	4-111-018-09	0.0	7367.0				
	070316000616	0.0	8792.0				
GP SEALING PLATE	4-111-063-02	0.0	7367.0				
	061365107195	0.0	8792.0				
GP NOZZLE EFA = 4.031	4-111-090-12	0.0	7367.0	8849.2	1482.9	SB 258	
	052025600018	TSO 0.0	8792.0	10812.7	2020.7		
IMPELLER	4-101-052-64	1517.0	7367.0				
	002016500169	2055.0	8792.0				
AXIAL ROTOR	4-101-006-39	0.0	7367.0	12475.20	5108.20	PITTING CORROSION	BS
	070644912863	0.0	8792.0	15171.20	6379.20		
COMPRESSOR SHAFT	4-101-007-12	7011.0	7367.0				
	89F052	9340.0	8792.0				
GP NOZZLE EFA = 4.301	4-111-090-12	1482.9	8849.9	9014.4	1164.5	SB 258	LM
	052025600018	2020.7	10812.7	11143.4	1330.7		

☐ ENGINE
☒ MODULE ☐ AGB ☒ GP ☐ PT

MAJOR COMPONENT RECORD S/N W84H015

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A	B	C	D		
		COMPONENT TIME	NHA TIME	NHA TIME	COMPONENT TOTAL TIME		
PART NAME	SERIAL NO.	HOURS	HOURS	HOURS	HOURS		
		CYCLES	CYCLES	CYCLES	CYCLES		
GP NO221E	4-111-090-12	9014.4					
EFA 4.301	052025600018	11143.4					
GP NO221E	4-111-090-12	TSI 8	9014.4	10108.9	1094.5	SB 258	m
EFA 4.301031	052025600018	TSI 8	11143.4	12800.1	1656.7		
#1 SEAL	4-304-047-01	8	9014.4	12175.20	3460.80	LEAKING	BS
	08-18210-05495	8	11143.4	/	/		
#1 BRG	4-301-242-03	8	9014.4	12475.20	3460.80	BALLS SCORED	BS
	081991427002	8	11143.4	/	/		
GP NO221E	4-111-090-25	591.1	10800.9				
EFA: 3.944	07-20256-00002	1593.4	13639.10				
		13568.0					
#1 BEARING	4-301-242-03	0.00	12475.20				
	18-162255-10797	/	/				
#1 SEAL	4-304-047-02	0.00	12475.20				
	17-152826-69310	/	/				
#2 BEARING (INNER)	4-301-518-01	0.00	12475.20				
	18-162111-00937	/	/				
AXIAL ROTOR	4-101-006-39	0.00	12475.20				
	18-156107-02548	0.00	15171.20				

RT 25000
15000

COMPONENT RECORD CARD

DESCRIPTION COMPRESSOR ASSEMBLY

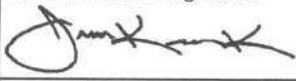
PART NUMBER **4-101-020-90**

SERIAL NO. 002016500169

NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

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.

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 20180005368283Y14 8007800237-10	
4. Organization Name and Address: HONEYWELL INTERNATIONAL INC Production Approval 1720 East Grant Street PC413NM PHOENIX AZ 85034					5. Work Order/Contract/Invoice Number: PO-131507 Page 1 of 1	
6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:	
001	COMPRESSOR, ROTOR, AXIAL	4-101-006-39	2	18-156107-02543 See Continuation	NEW	
12. Remarks: AIRWORTHINESS APPROVAL. Block 10 Serial Number(s): (Continued): 18-156107-02548.						
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. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation 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.: ODA-602216-NM		14b. Authorized Signature:		14c. Approval/Certificate No.:
13d. Name (Typed or Printed): Jim Krzysik		13e. Date (dd/mm/yyyy): 21/SEP/2018		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):

User / Installer Responsibilities

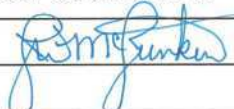
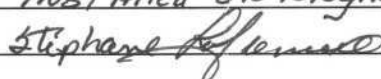
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness 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.

COMPONENT RECORD CARD

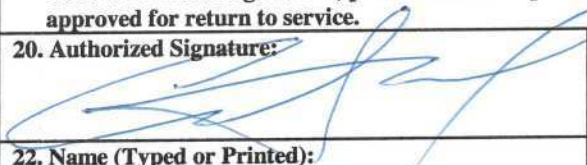
DESCRIPTION GP NOZZLE - SHIELD INSPECTION

PART NUMBER 4-111-090-25 SERIAL NO. 07-20256-00002 EFA = 3.944

NOTE: RETURN THIS CARD WITH COMPONENTS

DATE	TSN	TSO	CYCLES	MAINTENANCE REMARKS
03/08/10	0.0		CSN: 0.0	The above listed GP Nozzle has been Modified IAW ORI T41975 (OR) under WO#256986 dated 03/02/10 and Installed in GP MODULE G96L002 under WO# 256750/ SO# G96L002B at Honeywell Greer Repair & Overhaul. For CRS# C7GR861J, JW MCJUNKIN 
08/28/2012	591.1	—	CSN: 1593.4	Removed from LTS101-750B-1 GP Module S/N G96L002 at Honeywell Greer Repair and Overhaul under WO# 295082 / SO# G96L002C. Nozzle requires shield inspection IAW SB 0259. For CRS# C7GR861J,  
7-Nov-12	591.1	-	CSN:1593.4	GP Nozzle shield inspection completed IAW SB LT 101-72-50-0259 REV. 2 DATED 5/10/12 at Honeywell Greer Repair & Overhaul under WO#295898 for CRS#C7GR861J, Craig S. McNeal #5693  NOV 07 2012
JAN 07, 2013	591.1		CSN: 1593.4	Installed on Engine S/N LE46113C at 12800.1 NG cycle ^{07/01/2013}  4382296 AMO 37-96
07/02/2019	2265.40	—	3105.50	Service Bulletin LT101-72-50-0258 (R3) Carried out. NO CRACKS WERE FOUND (See Report # WO-117186-12). AIRWORK (R3) LTD WORK ORDER WO-117195 Refers.  

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.

1. Approving National Aviation Authority/Country: FAA / UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: S/O#G96L002C W/O#295898	
4. Organization Name and Address: Honeywell International Inc. Greer Repair & Overhaul 85 Beeco Road, Greer, South Carolina 29650 Repair Station No. C7GR861J					5. Work Order/Contract/Invoice Number: 295898-2	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
001	GP NOZZLE	4-111-090-25	N/A	1	07-20256-00002	INSPECTED
13. Remarks: RETURN TO SERVICE ALKALI CLEAN AND VAPOR BLAST HEAT SHIELD IAW SPM 286.2 REV. 13 DATED 03/31/06 & INSPECTION CHECK HEAT SHIELD IAW SB LT 101-72-50-0259 REV. 2 DATED 5/10/12						
This certifies that the work specified in block 12 / 13 was carried out in accordance with European Aviation Safety Agency (EASA) part 145 regulations and with respect to that work the aircraft component is considered ready for release to service under EASA Reference Number: EASA.145.4123.						
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 13.			19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 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.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: CRS# C7GR861J
17. Name (Typed or Printed):		18. Date (m d y):		22. Name (Typed or Printed): Craig S. McNeal		23. Date (m d y): NOV 07 2012
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 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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 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						

Honeywell - Greer Repair and Overhaul
FAA Repair Station Number C7GR861J
85 Becco Road
Greer, South Carolina 29650
(864) 801-2200
(864) 801-2121 fax

Teardown Inspection Report

Part I

1. Component Name	2. Part No.:	3. Serial No.:	4. CRC W/O No.:
GP NOZZLE	4-111-090-25	07-20256-00002	295898
5. TSN: N/A	6. CSN: N/A	7. TSO: N/A	8. CSO: N/A

9. Teardown Findings:

CLEANED

INSPECTION/CHECK

Part II
N/A

10. Details Replaced:

11. Work was accomplished in accordance with the following documents:

ALKALI CLEAN AND VAPOR BLAST HEAT SHIELD IAW SPM 286.2 REV. 13 DATED 03/31/06 &

INSPECTION CHECK HEAT SHIELD IAW SB LT 101-72-50-0259 REV. 2 DATED 5/10/12

12. Signature/Date

Craig S. McNeal

7-Nov-12

☒ MODULE: ☐ AGB ☒ GP ☐ PT

S/N W844015

AMO 37-96

☒ MODULE: ☐ AGB ☐ GP ☒ PT ☒ PN: 4-141-000-72 ORIT41524

S/N W84H015

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

☒ MODULE: ☐ AGB ☐ GP ☒ PT ☒ PN: 441-000-72

S/N W844015

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS																																																												
	TSN	TSO	Ng Cycles	Np Cycles																																																													
JAN 07 2013	10800.9	-	-	16339.2	 AMO 37-96 Heli Technik 100 Bleriot St. P.O. Box 781 Val d'Or, QC, J9P 4P8 Tel: 1-819-874-8804 Fax: 1-819-824-5362 info@helitechnik.com ENG TT : 10108.9 Total NG CYCLE : 12800.1 Total NP CYCLE : 16339.2 Engine TTSI : 0.0 NG CYCLE TCSI : 0.0 NP CYCLE TCSI : 0.0 Aircraft registration: LE-46113C Work report number: 1411 Date: Jan 07, 2013 Engine log Engine SN: LE-46113C																																																												
					<table border="1"> <thead> <tr> <th>Item</th> <th>Description</th> <th>Correction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>COMPLETE 1800 HRS INSPECTION</td> <td>1800 HRS INSPECTION C/O IAW HONEYWELL M.M SECTION 72-00-00, TABLES 8A,9,11 & 12</td> </tr> <tr> <td>2</td> <td>PERFORM SB 0251R1 DELTA P CHECK</td> <td>SB 0251R1 C/O DELTA P CHECK AT 5.9 PSI(40%) RESULT O.K, ALLOWED 7.4 PSI(50%)</td> </tr> <tr> <td>3</td> <td>PERFORM SB 0258R3 GP NOZZLE INSPECTION FOR CRACK</td> <td>SB 0258R3 C/O. NDT PERFORMED BY EXECAIRE W/O 71112, ON GP NOZZLE P/N 4-111-090-12 S/N 052025600018 AND FOUND CRACKED</td> </tr> <tr> <td>4</td> <td>INSTALL NEW GP NOZZLE</td> <td>INSTALLED GP NOZZLE P/N 4-111-090-25 S/N 07-20256-00002 (INSPECTED TSN 591.1 HRS, CSN 1593.4)</td> </tr> <tr> <td>5</td> <td>PERFORM SB 103R7 CLEANING OF RBSP (REMOVED RBSP P/N 4-141-010-42 S/N S4815PX)</td> <td>SB 103R7 PERFORMED BY H & L ACCESSORY INC W/O 272181 ON</td> </tr> <tr> <td>6</td> <td>TORQUE IDLER GEAR P/N 4-081-350-18, S/N 0725242210002 SENT TO AIRGEAR FOR REPAIR AND FOUND UNSERVICEABLE</td> <td>INSTALLED RBSP P/N 4-141-010-42 S/N 2082PX</td> </tr> <tr> <td>7</td> <td>CORROSION FOUND ON PINION GEAR P/N 4-081-053-11 S/N 062517400492 SENT TO AIR GEAR FOR REPAIR AND FOUND UNSERVICEABLE</td> <td>INSTALLED TORQUE IDLER GEAR P/N 4-081-350-18, S/N 12-169034-00025 (0,0 TSN)</td> </tr> <tr> <td>8</td> <td>INSTALL NEW # 4 & 5 BEARING TO MATCH PINION GEAR SIZE D</td> <td>INSTALLED PINION GEAR P/N 4-081-053-11, S/N 07-102045-01241 (TSN 0.0)</td> </tr> <tr> <td>9</td> <td>REPLACE COMBUSTION LINER P/N 4-131-010-30 (CRACKED OUT OF LIMITS)</td> <td>INSTALLED BRG P/N 4-301-306-04 (2X) S/N 08-06331-27942, 08-06331-27938 (TSN 0.0)</td> </tr> <tr> <td>10</td> <td>REPLACE FLOW FENCE RING P/N: 4-061-080-07 (WORN OUT)</td> <td>INSTALLED COMBUSTION LINER P/N 4-131-010-30 S/N 07P11801 (TSN 0.0)</td> </tr> <tr> <td>11</td> <td>REPLACE #3 SEAL P/N: 4-301-448-01 (CRACKED)</td> <td>INSTALLED FLOW FENCE RING SAME P/N (TSN 0.0)</td> </tr> <tr> <td>12</td> <td>REPLACE OIL DEBRIS MONITOR P/N: 4-301-152-01, S/N 072017900007(STRIPPED)</td> <td>INSTALLED #3 SEAL SAME P/N (0.0 TSN)</td> </tr> <tr> <td>13</td> <td>REPLACE # 6 BEARING P/N 4-301-088-02 S/N 7855 (OUTTER RACE SPINNED)</td> <td>INSTALLED DEBRIS MONITOR SAME P/N S/N 072017900020</td> </tr> <tr> <td>14</td> <td>REPLACE #6 BRG BEVEL RING (WORNED)</td> <td>INSTALLED BEARING P/N 4-301-088-02, S/N 992513608238</td> </tr> <tr> <td>15</td> <td>REPLACE GEARBOX COVER AND CASING P/N 4-081-040-55, S/N 84B741 (#6 BEARING BORE WORNED OUT OF LIMITS)</td> <td>INSTALLED BEVEL RING P/N N5002-334 (NEW)</td> </tr> <tr> <td>16</td> <td>REPLACE THERMOCOUPLE P/N 4-301-501-02 (2x)</td> <td>INSTALLED CASING & COVER ASSY P/N 4-081-040-55, S/N 82B428 (OVERHAULD)</td> </tr> <tr> <td>17</td> <td>REPLACE PT ROTOR (HIGH CYCLES) 4-141-290-18 S/N 971365101727</td> <td>INSTALLED THERMOCOUPLE P/N 4-301-501-02 (2x) S/N 08-25480-00824, 062548001067 (NEW)</td> </tr> <tr> <td>18</td> <td>SEND FUEL MANIFOLD FOR FLOW CHECK TEST</td> <td>INSTALLED PT ROTOR P/N 4-141-290-18 S/N 081365106795 (TSN 0.0, CSN 0.0)</td> </tr> <tr> <td></td> <td></td> <td>FUEL MANIFOLD P/N 4-301-676-01, S/N 1XN08833 TESTED BY INTERMOUNTAIN TURBINE SERVICES W/O 1484</td> </tr> </tbody> </table>	Item	Description	Correction	1	COMPLETE 1800 HRS INSPECTION	1800 HRS INSPECTION C/O IAW HONEYWELL M.M SECTION 72-00-00, TABLES 8A,9,11 & 12	2	PERFORM SB 0251R1 DELTA P CHECK	SB 0251R1 C/O DELTA P CHECK AT 5.9 PSI(40%) RESULT O.K, ALLOWED 7.4 PSI(50%)	3	PERFORM SB 0258R3 GP NOZZLE INSPECTION FOR CRACK	SB 0258R3 C/O. NDT PERFORMED BY EXECAIRE W/O 71112, ON GP NOZZLE P/N 4-111-090-12 S/N 052025600018 AND FOUND CRACKED	4	INSTALL NEW GP NOZZLE	INSTALLED GP NOZZLE P/N 4-111-090-25 S/N 07-20256-00002 (INSPECTED TSN 591.1 HRS, CSN 1593.4)	5	PERFORM SB 103R7 CLEANING OF RBSP (REMOVED RBSP P/N 4-141-010-42 S/N S4815PX)	SB 103R7 PERFORMED BY H & L ACCESSORY INC W/O 272181 ON	6	TORQUE IDLER GEAR P/N 4-081-350-18, S/N 0725242210002 SENT TO AIRGEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED RBSP P/N 4-141-010-42 S/N 2082PX	7	CORROSION FOUND ON PINION GEAR P/N 4-081-053-11 S/N 062517400492 SENT TO AIR GEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED TORQUE IDLER GEAR P/N 4-081-350-18, S/N 12-169034-00025 (0,0 TSN)	8	INSTALL NEW # 4 & 5 BEARING TO MATCH PINION GEAR SIZE D	INSTALLED PINION GEAR P/N 4-081-053-11, S/N 07-102045-01241 (TSN 0.0)	9	REPLACE COMBUSTION LINER P/N 4-131-010-30 (CRACKED OUT OF LIMITS)	INSTALLED BRG P/N 4-301-306-04 (2X) S/N 08-06331-27942, 08-06331-27938 (TSN 0.0)	10	REPLACE FLOW FENCE RING P/N: 4-061-080-07 (WORN OUT)	INSTALLED COMBUSTION LINER P/N 4-131-010-30 S/N 07P11801 (TSN 0.0)	11	REPLACE #3 SEAL P/N: 4-301-448-01 (CRACKED)	INSTALLED FLOW FENCE RING SAME P/N (TSN 0.0)	12	REPLACE OIL DEBRIS MONITOR P/N: 4-301-152-01, S/N 072017900007(STRIPPED)	INSTALLED #3 SEAL SAME P/N (0.0 TSN)	13	REPLACE # 6 BEARING P/N 4-301-088-02 S/N 7855 (OUTTER RACE SPINNED)	INSTALLED DEBRIS MONITOR SAME P/N S/N 072017900020	14	REPLACE #6 BRG BEVEL RING (WORNED)	INSTALLED BEARING P/N 4-301-088-02, S/N 992513608238	15	REPLACE GEARBOX COVER AND CASING P/N 4-081-040-55, S/N 84B741 (#6 BEARING BORE WORNED OUT OF LIMITS)	INSTALLED BEVEL RING P/N N5002-334 (NEW)	16	REPLACE THERMOCOUPLE P/N 4-301-501-02 (2x)	INSTALLED CASING & COVER ASSY P/N 4-081-040-55, S/N 82B428 (OVERHAULD)	17	REPLACE PT ROTOR (HIGH CYCLES) 4-141-290-18 S/N 971365101727	INSTALLED THERMOCOUPLE P/N 4-301-501-02 (2x) S/N 08-25480-00824, 062548001067 (NEW)	18	SEND FUEL MANIFOLD FOR FLOW CHECK TEST	INSTALLED PT ROTOR P/N 4-141-290-18 S/N 081365106795 (TSN 0.0, CSN 0.0)			FUEL MANIFOLD P/N 4-301-676-01, S/N 1XN08833 TESTED BY INTERMOUNTAIN TURBINE SERVICES W/O 1484
Item	Description	Correction																																																															
1	COMPLETE 1800 HRS INSPECTION	1800 HRS INSPECTION C/O IAW HONEYWELL M.M SECTION 72-00-00, TABLES 8A,9,11 & 12																																																															
2	PERFORM SB 0251R1 DELTA P CHECK	SB 0251R1 C/O DELTA P CHECK AT 5.9 PSI(40%) RESULT O.K, ALLOWED 7.4 PSI(50%)																																																															
3	PERFORM SB 0258R3 GP NOZZLE INSPECTION FOR CRACK	SB 0258R3 C/O. NDT PERFORMED BY EXECAIRE W/O 71112, ON GP NOZZLE P/N 4-111-090-12 S/N 052025600018 AND FOUND CRACKED																																																															
4	INSTALL NEW GP NOZZLE	INSTALLED GP NOZZLE P/N 4-111-090-25 S/N 07-20256-00002 (INSPECTED TSN 591.1 HRS, CSN 1593.4)																																																															
5	PERFORM SB 103R7 CLEANING OF RBSP (REMOVED RBSP P/N 4-141-010-42 S/N S4815PX)	SB 103R7 PERFORMED BY H & L ACCESSORY INC W/O 272181 ON																																																															
6	TORQUE IDLER GEAR P/N 4-081-350-18, S/N 0725242210002 SENT TO AIRGEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED RBSP P/N 4-141-010-42 S/N 2082PX																																																															
7	CORROSION FOUND ON PINION GEAR P/N 4-081-053-11 S/N 062517400492 SENT TO AIR GEAR FOR REPAIR AND FOUND UNSERVICEABLE	INSTALLED TORQUE IDLER GEAR P/N 4-081-350-18, S/N 12-169034-00025 (0,0 TSN)																																																															
8	INSTALL NEW # 4 & 5 BEARING TO MATCH PINION GEAR SIZE D	INSTALLED PINION GEAR P/N 4-081-053-11, S/N 07-102045-01241 (TSN 0.0)																																																															
9	REPLACE COMBUSTION LINER P/N 4-131-010-30 (CRACKED OUT OF LIMITS)	INSTALLED BRG P/N 4-301-306-04 (2X) S/N 08-06331-27942, 08-06331-27938 (TSN 0.0)																																																															
10	REPLACE FLOW FENCE RING P/N: 4-061-080-07 (WORN OUT)	INSTALLED COMBUSTION LINER P/N 4-131-010-30 S/N 07P11801 (TSN 0.0)																																																															
11	REPLACE #3 SEAL P/N: 4-301-448-01 (CRACKED)	INSTALLED FLOW FENCE RING SAME P/N (TSN 0.0)																																																															
12	REPLACE OIL DEBRIS MONITOR P/N: 4-301-152-01, S/N 072017900007(STRIPPED)	INSTALLED #3 SEAL SAME P/N (0.0 TSN)																																																															
13	REPLACE # 6 BEARING P/N 4-301-088-02 S/N 7855 (OUTTER RACE SPINNED)	INSTALLED DEBRIS MONITOR SAME P/N S/N 072017900020																																																															
14	REPLACE #6 BRG BEVEL RING (WORNED)	INSTALLED BEARING P/N 4-301-088-02, S/N 992513608238																																																															
15	REPLACE GEARBOX COVER AND CASING P/N 4-081-040-55, S/N 84B741 (#6 BEARING BORE WORNED OUT OF LIMITS)	INSTALLED BEVEL RING P/N N5002-334 (NEW)																																																															
16	REPLACE THERMOCOUPLE P/N 4-301-501-02 (2x)	INSTALLED CASING & COVER ASSY P/N 4-081-040-55, S/N 82B428 (OVERHAULD)																																																															
17	REPLACE PT ROTOR (HIGH CYCLES) 4-141-290-18 S/N 971365101727	INSTALLED THERMOCOUPLE P/N 4-301-501-02 (2x) S/N 08-25480-00824, 062548001067 (NEW)																																																															
18	SEND FUEL MANIFOLD FOR FLOW CHECK TEST	INSTALLED PT ROTOR P/N 4-141-290-18 S/N 081365106795 (TSN 0.0, CSN 0.0)																																																															
		FUEL MANIFOLD P/N 4-301-676-01, S/N 1XN08833 TESTED BY INTERMOUNTAIN TURBINE SERVICES W/O 1484																																																															

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

☒ MODULE: ☐ AGB

☐ GP☒ PT

☐ PN:

S/N W84 H015

DATE	ENGINE OPERATING TIME & CYCLES			
	TSN	TSO	Ng Cycles	Np Cycles

MAINTENANCE REMARKS

12 JAN. 2015

11101.0

2

16881.8

IGService Center (Hel-Inter Inc.)
6500 Chemin de la Savane
St-Hubert, Quebec, J3Y 8Y9
Tel: 450-550-2024
Fax: 450-469-5497
info@hel-inter.com
AMO: 32-98

Engine S/N :: LE-46113C
Work report number: isc659
Date: Jan 12, 2015
ENGINE TURBOSHAFT log

Part Number : 4-001-000-33 TTSN :10409.0
Serial Number : LE-46113C N1 CYCLES: 13077.7
N2 CYCLES: 16881.8

MODIFIED

Work Done

1 SB LTS101-79-20-0248 R2 carried out on Engine LTS101-700D-2 S/N LE-46113C TSN: 10409.0 NG cycles: 13077.7 NP cycles: 16881.8. Engine reassembled under CWR# 659 iaw Maintenance Manual LTS101-2, 1 REV 17. Combustion liner P/N: 4-131-010-30 S/N: 05P05231 replaced status overhauled TSO: 0.0, Inspected serviceable NO3 Bearing P/N: 4-301-242-03 S/N: 0245 TSN: 5805.10 installed from Engine LE-46233C. SB 0251 R2 Carried out, SB0275 found embodied on new Flexible fuel manifold.
NOTE: Delta P Check result 5.6 PSI (48%) at 50 psi.
List of all snags and replacement parts file under CWR # 659.
IMPORTANT NOTE: Airworthiness of the engine to be determined after performing: Engine vibration check, Engine power check, Delta P check and all required adjustments following engine airframe installation & retorque 16 Flexible fuel manifold mount bolts after initial engine operation iaw SB0248 R2.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Remarks:

Name: DGauthier

License no.: SCA 22

HÉLI-INTER AMO 32-98	SCA 22
----------------------------	-----------

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

OPERATING & MAINTENANCE RECORD

☒ MODULE: ☐ AGB ☐ GP ☒ PT ☐ PN: 4-141-000-78

S/N W84H015

DATE	OPERATING TIME & CYCLES				MAINTENANCE REMARKS					
	TSN	TSO	Ng Cycles	Np Cycles						
07/02/19	12475.20	/	/	20297.50	 LT101 Authorised Service Centre Airfield Road, Ardmore Papakura, Auckland New Zealand Phone: +64 9 295 2100 Fax: +64 9 295 2103 07 February 2019 <table border="1"><tr><td>PT Module</td><td>Part No: 4-141-000-78 ORI T41524 SB0207</td><td>Serial No: W84H015</td><td>TSN: 12475.20</td><td>Np CSN: 20297.50</td></tr></table> 1800 Hour Hot Section Inspection carried out. Following Service Bulletins were complied with: LT101-71-00-0001 (R18), LT101-71-00-0002 (R27), LT101-72-40-0103 (R7), LT101-72-50-0174 (R6) & LT101-71-00-0251 (R2). Following Parts were replaced: Brg's #2 [outer], 3, & Retention Brg; #3 Seal Hsng, Coil Springs [x20], RBSH, Combustion Liner, Curl, Thermocouple [x1] & Oil Feed Ring. Following Clearances & Tolerances were maintained: E clearance 0.082", Pt Tip Clearance 0.012". Final ΔP 6.0/15.3 PSID (39.2%). All work performed IAW LTS101-2.1 MM (Rev.18) dated 19 January 2015. Job details held on file under Airwork [NZ] Ltd work order WO-117195. The maintenance recorded above was accomplished in accordance with Title 14, Code of Federal Regulations Part 43. In respect to that work, the Engine is approved for release to service. For Airwork (NZ) Ltd, B Garner, AWM 685. 	PT Module	Part No: 4-141-000-78 ORI T41524 SB0207	Serial No: W84H015	TSN: 12475.20	Np CSN: 20297.50
PT Module	Part No: 4-141-000-78 ORI T41524 SB0207	Serial No: W84H015	TSN: 12475.20	Np CSN: 20297.50						

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

MAJOR COMPONENT RECORD S/N W84H015

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D COMPONENT TOTAL TIME		
		HOURS	HOURS	HOURS	HOURS		
PART NAME	SERIAL NO.	CYCLES	CYCLES	CYCLES	CYCLES		
PT	4-141-290-18	198.8	7367.0	10108.9	2940.7	Convenience	m
ROTOR ASSY	971365101727	498.0	7435.0	16339.2	9402.2		
#2	4-301-506-02	0.0	7367.0	1647.4	9014.4	1800 hrs inspection.	R.N. AMP H990
SEAL	060515871200	-	-				
#2 BEARING	4-141-440-01	0.0	7367.0	12475.20	5108.20	Pitting Corrosion	B
✕ OUTER RACE	060633127509	-	-				
#3	4-301-448-01	0.0	7367.0	10800.9	2741.9		
SEAL	NSN	-	-				
#3	4-301-242-03	0.0	7367.0	11101.0	3042	ONE BALL FOUND WITH SCORING ON NO3 BEARING.	HELI-INTER AMO 32-98 SCA 22 09 JAN. 2015
BEARING	071991410443	-	-				
PT NOZZLE	4-141-060-16	0.0	7367.0				
EFA=11.460 (SB 0194)	980134513245	-	-				
RBSH	4-141-010-42	0.0	7367.0	10800.9	2741.9	SB 103 R7	SR AMO37-76
	S4815PX	TSO	-				
Comb. Liner	4-131-010-30	0.0	7367.0	10800.9	2741.9	Cleaning CRACKED	m
	02P17184	TSO	-				
#2 Seal	4-301-506-02	0.0	9014.4	11101.0	300.1	REMOVED FOR INCORPORATION OF SB LTS101-79-20-0248 REV 2	HELI-INTER AMO 32-98 SCA 22 09 JAN. 2015
	08-05158-10303	-	-		2086.6		
Combustion Liner	4-131-010-30	0.0	10800.9	11101.0	300.1	COMB. LINER FOUND CRACKED ON WELDING AREA BETWEEN DOME & INNER PART.	HELI-INTER AMO 32-98 SCA 22 09 JAN. 2015
	07P11801	TSN	16339.2				
RBSH	4-141-010-42	0.0	10800.9	11101.0	300.1	REMOVED FOR INCORPORATION OF SB LTS101-79-20-0248 REV 2	HELI-INTER AMO 32-98 SCA 22 09 JAN. 2015
	2082PX	TSO	16339.2				
PT	4-141-290-18	0.0	10800.9				
Rotor Assy	081365106795	0.0	16339.2				

☐ ENGINE
☒ MODULE ☐ AGB ☐ GP ☒ PT

MAJOR COMPONENT RECORD S/N W84H015

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D COMPONENT TOTAL TIME		
		HOURS CYCLES	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES		
PART NAME	SERIAL NO.						
* 3	4-301-44801	0	10800.9				
✓ Seal	NSN	0	16339.2				
X RBSH	4-143-020-43	0.0	11101.0	12475.20	13714.20	DUE SB 0103 (R7)	BS
	14-101978-00195	—	—	—	—		
✓ NO2 SEAL	4-301-357-04	0.0	11101.0				
	14-152826-57847	—	—				
X NO 3 BEARING	4-301-242-03	5805.1	11101.0	12475.20	7179.30	Pitting Corrosion	BS
	0245	—	—	—	—		
LOW SMOKE COMBUSTION LINER	4-131-010-30	TSO: 0.0	11101.0	12475.20	13714.20	CRACKED Beyond limits	BS
	05P05231	—	—	—	—		
✓ #2 BEARING (OUTER)	4-141-440-01	0.00	12475.20				
	16-162111-07363	—	—				
✓ #3 BEARING	4-301-242-03	0.00	12475.20				
	18-162255-01658	—	—				
✓ EFFUSION LINER	4-131-010-30	TSN 0.00	12475.20				
	18-3300-06677	—	—				
✓ RBSH	4-143-020-43	TSO 0.00	12475.20				
	12-101978-00239	—	—				

COMPONENT RECORD CARD

[illegible]

PART NUMBER 4-143-020-43

SERIAL NO. 12-101978-00239

NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

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.

COMPONENT RECORD CARD

DESCRIPTION REAR BEARING SUPPORT HOUSING (RBSH)

PART NUMBER 4-143-020-43 SERIAL NO. 12-101978-00239

NOTE: RETURN THIS CARD WITH COMPONENTS

DATE	TSN	TSO	CYCLES	MAINTENANCE REMARKS
09/18/12	0.0	-	-	New RBSH Oil Flow tested with New Oil Flow Ring IAW SB 0103 (Rev 7). Oil Feed flow test results are: 448 lbs per hour @ 70 PSIG. Above part was installed on LE-46054C at Honeywell Greer Repair & Overhaul under WO# 293651/ SO# 46054B. For CRS# C7GR861J, Earl R. Nadeau
5 FEB 14	646.8	-	-	REMOVED FOR SPS 103R7 <i>Earl R. Nadeau</i> AMO 37-96 M27 7335
1 APR 14	646.8	-	-	Repaired IAW ORI T42049 REV. G DTD 9-6-12 (CM), SB CT 101 72-40-0103 REV. 7 DTD 5-3-12, ORI T42822 Sec. 3.7 Pressure Test REV. OR DTD 12-5-13 (CM), ORI P31919 REV. A DTD 6-24-11 (CM), ORI P35637 REV. A DTD 2-25-14 (CM), These are the results of oil flow feed w/ Ring 443 PPH. RBSH & Oil Feed Ring SO# 5007177413 Flowed together as a matched set. REF. 8130-3 tracking # 890004108737 V15. Worked under SO# 5007177418 by Greer R+O.  APR 01 2014 <i>Shawn Hudson</i>
Aug 01, 2014	646.8	0.0	-	installed on Engine S/N LE-43096C. Refer to Helitechnik w/p 1540. <i>Stephane</i> 4382296 AMO 37-96
02/2018	2518.1	1871.3	-	Removed Av SB 103R7 <i>Earl R. Nadeau</i> M27 7335 AMO 37-96
			*	See Next Page SH 5317 6-1-18

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.

ing Civ. ation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 20180004812597Y15 331681015	
4. Organization Name and Address: Honeywell International Inc Greer Repair & Overhaul 85 Beeco Road Greer, SC 29650				Repair Station C7GR861J		
5. Work Order/Contract/Invoice Number: N/A 331595679 Page 1 of 1						
6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:	
001	HOUSING ASSEMBLY, COMBUSTOR AND BEARING	4-143-020-43	1	12-101978-00239	OVERHAULED	
12. Remarks: THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH: OVERHAULED IAW ORI T42822 REV. A DTD 06/24/14, ORI T42049 REV. G DATED 9/6/12, SB LT 101 72-40-0103 REV. 7 DATED 5/3/12, ORI P35971 REV. OR DTD 6/19/15, ORI P35984 REV. OR DTD 8/19/16 REPAIRS 3.0, AND 6.0. THESE ARE THE RESULTS OF OIL FLOW FEED W/ RING 450 PPH. HONEYWELL GRO PROVIDED NEW OIL FEED RING. 4-141-460-02 AS A MATCHED SET. BORE RESTORATION WAS ACCOMPLISHED BY ETHOSENERGY ACCESSORIES AND COMPONENTS, LLC (GRO PO# 3502857388E) IAW ORI T42057 REV. A DTD 3/16/11 REF. 8130-3 TRACKING NUMBER 9005262 DTD 05/21/18. SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED 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 145.4123						
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. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation 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:		
				 C7GR861J		
13d. Name (Typed or Printed):		13e. Date(dd/mmm/yyyy):		14d. Name (Typed or Printed):		
				 Shane Hudson		
				14e. Date(dd/mmm/yyyy): 01/JUN/2018		

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 Block1, 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 Block1. 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.



Honeywell

SERVICE BULLETIN

Pg. 6

LTS101-650B-1, LTS101-650C-3, LTS101-650C-3A, LTS101-750B-1, LTS101-750C-1, LTS101-850B-2, LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-700D-2, LTP101-600A-1A, LTP101-700A-1A

4. Appendix 1

Delta-P Component Record Card

Rear Bearing Support Housing PN: 4-143-020-43 RBSH SN: 12-101928-0027 Date of Installation: 08 FEB 2019
 Engine TTSN at Date of Installation: 11783.2

Delta P Check Interval	Technician Name / Date Refer to Note 1	Engine SN	Engine Hours (TTSN)	Delta Pressure Gage Kit Assembly SN	Pressure / Adjusted P1 Pressure P01 and P2 Gage Upper and Lower Pressure Limit (XX / XX) Refer to Note 2	Control Office Allowable P2 Gage Pressure Refer to Note 2	Control Office Installed on Kit P2 Gage Reading	Kit Installed on Engine P2 Gage Reading	Percentage of Upper Limit Pressure. (KR Upper Limit P2 Gage X% Based on Inspection Interval = Allowable Upper Limit Pressure) Refer to Note 3	Engine Passed? Yes / No / Allowable P2 Reading
Initial Engine Build Reading	B. GARNER AWM 685 08 FEB 19	LE-46 113C	11783.2	AW 3238	3.6 / 153	11.2 / 12.2	11.7	6.0	39.22	YES 7.65
Initial Engine Run-up Reading										
Repetitive Inspection Results	D. JORDAN 03 DEC 21	LE-46 113C	1165.0	ITS 068	50 PSI 4.2 / 14.8	10.2 / 11.2	10.5	6.5	43.92	YES 9.47
Repetitive Inspection Results	M. GUICHICI 03 APR 22	LE-46 113C	11578	ITS 153	50 PSI 13.02 / 39.9	10.6 / 11.6	10.8	5.7 7.0	43.852 42.970	YES
Repetitive Inspection Results	J. NEUFELD 19 MAY 22	LE-46 113C	1342.0	ITS 068	50 PSI 14.8 / 4.7	10.2 / 11.2	10.6	7.1	47.922	
Repetitive Inspection Results										
Repetitive Inspection Results										
Repetitive Inspection Results										
Repetitive Inspection Results										
Repetitive Inspection Results										
Repetitive Inspection Results										
Repetitive Inspection Results										
Repetitive Inspection Results										
Repetitive Inspection Results										

NOTES:

1. This Delta-P Component Record Card must kept in the Power Turbine Module Airworthiness Directives & Service Bulletins Section of the Engine Logbook.
2. Refer to Pressure Limits and Control Office Tag attached to Kit.
3. Document the upper pressure limit and the allowable percentage based on the specific hourly inspection interval requirement.
 A copy of this Delta-P Component Record Card must be returned with the RBSH when repair or service bulletin compliance is required.

Figure 4. (Sheet 1 of 1) Delta-P Component Record Card

Honeywell

SERVICE BULLETIN

LTS101-650B-1, LTS101-650C-3, LTS101-650C-3A, LTS101-750B-1, LTS101-750C-1, LTS101-850B-2, LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-700D-2, LTP101-600A-1A, LTP101-700A-1A

4. Appendix 1

Delta-P Component Record Card

Rear Bearing Support Housing PN: 4-143-020-43 RBSH SN: 12-10972-00239 Date of Installation: 08 FEB 2019
 Engine TTSN at Date of Installation: 11783.2

Delta P Check Interval	Technician Name / Date Refer to Note 1	Engine SN	Engine Hours (TTSN)	Delta Pressure Gage Kit Assembly SN	Pressure / Adjusted P1 Pressure P51 and P2 Gage Upper and Lower Pressure Limit (XX / XX) Refer to Note 2	Control Orifice Allowable P2 Gage Pressure Refer to Note 2	Control Orifice Installed on Kit P2 Gage Reading	Kit Installed on Engine P2 Gage Reading	Percentage of Upper Limit Pressure. (Kit Upper Limit P2 Gage X% Based on Inspection Interval = Allowable Upper Limit Pressure) Refer to Note 3	Engine Passed? Yes / No / Allowable P2 Reading
Initial Engine Build Reading	B. GARNER AWM BPS 08 FEB 2019	LE-46 113C	11783.2	AW 3236	3.6 / 15.3	11.2 / 12.2	11.7	6.0	39.2%	YES 7.65
Initial Engine Run-up Reading										
Repetitive Inspection Results	J. MILLER 25 FEB 2020	LE-46 113C	12055.0	ITS 153	13.02 / 3.99	10.6 / 11.6	11.1	5.9	45.3%	YES
Repetitive Inspection Results	D. JORDAN 27 MAY 2020	LE-46 113C	12796.6	ITS 153	13.02 / 3.99	10.6 / 11.6	10.6	6.9	52.0%	YES 8.51
Repetitive Inspection Results	L. SWALLOW 02 JUL 2020	LE-46 113C	12422.5	ITS 153	13.02 / 3.99	10.6 / 11.6	10.7	6.6	50.7%	YES
Repetitive Inspection Results	L. SWALLOW 17 AUG 2020	LE-46 113C	12563.0						52.9%	YES
Repetitive Inspection Results	L. SWALLOW 17 SEP 2020	LE-46 113C	12691.1	ITS 153	13.02 / 3.99	10.6 / 11.6	10.6	6.6	50.7%	YES
Repetitive Inspection Results	J. BASHAM 24 NOV 2020	LE-46 113C	12735.8	ITS 068	14.8 / 4.7	9.2 / 10.2	9.7	6.8	46.0%	YES
Repetitive Inspection Results	N. GIUCHICI 04 FEB 21	LE-46 113C	12865.3	ITS 068	14.8 / 4.7	10.2 / 11.2	10.6	6.6	44.6%	YES
Repetitive Inspection Results	N. GIUCHICI 06 APR 21	LE-46 113C	12999.9	ITS 068	14.8 / 4.7	10.2 / 11.2	10.6	7.3	50%	YES
Repetitive Inspection Results	L. SWALLOW 07/14/21	LE-46 113C	12992.6	ITS 153 068	13.02 / 3.99	10.6 / 11.6	10.6	7.0	53.7%	YES 10.25
Repetitive Inspection Results	J. BASHAM 09 AUG 21	LE-46 113C	13026.0	ITS 068	14.8 / 4.7	10.2 / 11.2	10.7	7.3	49.4%	YES

NOTES:

1. This Delta-P Component Record Card must kept in the Power Turbine Module Airworthiness Directives & Service Bulletins Section of the Engine Logbook
2. Refer to Pressure Limits and Control Orifice Tag attached to Kit
3. Document the upper pressure limit and the allowable percentage based on the specific hourly inspection interval requirement.

A copy of this Delta-P Component Record Card must be returned with the RBSH when repair or service bulletin compliance is required.

Figure 4. (Sheet 1 of 1) Delta-P Component Record Card



Turbine Support Services

DELTA-P COMPONENT RECORD CARD: RBSH AND CONTROL ORIFICE DELTA-P READINGS

SERVICE BULLETIN LT 101-71-00-0251

REAR BEARING SUPPORT HOUSING P/N: 4-143-020-43

REAR BEARING SUPPORT HOUSING S/N: 12-101978-00239

Module TSN AT DATE OF INSTALLATION: 12475.20

DATE OF INSTALLATION: 8/02/2019

DELTA P CHECK INTERVAL	TECHNICIAN NAME / DATE REFER TO NOTE (1)	ENGINE S/N	ENGINE HOURS (TSN)	DELTA PRESSURE GAGE KIT ASSEMBLY S/N	PRESSURE / ADJUSTED P1 PRESSURE PSI AND P2 GAGE UPPER AND LOWER PRESSURE LIMIT (XX/XX) REFER TO NOTE (2)	CONTROL ORIFICE ALLOWABLE P2 GAGE PRESSURE REFER TO NOTE (2)	CONTROL ORIFICE INSTALLED ON KIT P2 GAGE READING	KIT INSTALLED ON ENGINE P2 GAGE READING	PERCENTAGE OF UPPER LIMIT PRESSURE (KIT UPPER LIMIT P2 GAGE X% BASED ON INSPECTION INTERVAL = ALLOWABLE UPPER LIMIT PRESSURE REFER TO NOTE (3)	ENGINE PASSED? YES / NO / ALLOWABLE P2 READING
INITIAL ENGINE BUILD READING	B Garner AWM 685 8/02/2019	LE46113C	11783.20	AW3238	3.6/15.3	11.2/12.2	11.7	6.0	39.2%	YES / 7.65
INITIAL ENGINE RUN-UP READING										
REPETITIVE INSPECTION RESULTS	5 MIN 29 Feb 20	LE46113C	12285.0	ITS-153	13.02/3.98 10.6/4.0	10.6/11.0	11.1	5.8	44.7%	YES 7.2
REPETITIVE INSPECTION RESULTS										
REPETITIVE INSPECTION RESULTS										
REPETITIVE INSPECTION RESULTS										
REPETITIVE INSPECTION RESULTS										
REPETITIVE INSPECTION RESULTS										
REPETITIVE INSPECTION RESULTS										
REPETITIVE INSPECTION RESULTS										
REPETITIVE INSPECTION RESULTS										

NOTES:

- (1) This Delta-P component record card must be kept in the Power Turbine Module Airworthiness & and Service Bulletins section of the Engine Logbook.
 (2) Refer to pressure limits and Control Orifice Tag attached to the Kit.
 (3) Document the upper pressure limit and the allowable percentage based on the specific hourly inspection interval requirement.

Honeywell

SERVICE BULLETIN

PG.3

LTS101-650B-1, LTS101-650C-3, LTS101-650C-3A, LTS101-750B-1, LTS101-750C-1, LTS101-850B-2, LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-700D-2, LTP101-600A-1A, LTP101-700A-1A

4. Appendix 1

Delta-P Component Record Card

Rear Bearing Support Housing PN: 4-143-020-43 RBSh SN: 14-101978-0095 Date of Installation: 8 DEC 2015
 Engine TTSN at Date of Installation: 10409.0

Delta P Check Interval	Technician Name / Date Refer to Note 1	Engine SN	Engine Hours (TSN)	Delta Pressure Gage Kit Assembly SN	Pressure / Adjusted P1 Pressure PSI and P2 Gage Upper and Lower Pressure Limit (XX / XX) Refer to Note 2	Control Orifice Allowable P2 Gage Pressure Refer to Note 2	Control Orifice Installed on Kit P2 Gage Reading	Kit Installed on Engine P2 Gage Reading	Percentage of Upper Limit Pressure. (Kit Upper Limit P2 Gage X% Based on Inspection Interval = Allowable Upper Limit Pressure) Refer to Note 3	Engine Passed? Yes / No / Allowable P2 Reading
Initial Engine Build Reading	SAUTHIER D	LE-4613C	10409.0	ITS 160	11.7/3.6	8.6/9.6	9.1	5.6	48%	YES
Initial Engine Run-up Reading										
Repetitive Inspection Results	J JAMES 7 JUL 19	LE 46113C	11967.7	ITS 153	13.02/3.99	11.6	11.1	7.0	53.8%	YES
Repetitive Inspection Results	J. RODRIGUEZ 17 JUL 19	LE 46113C	12402.4	ITS 153	13.02/3.99	11.6	11.1			YES
Repetitive Inspection Results	J. RODRIGUEZ 8 AUG 19	LE 46113C	12088.2	ITS 153	13.02/3.99	11.6	11.1			YES
Repetitive Inspection Results	J. RODRIGUEZ 30 AUG 19	LE 46113C	12186.3	ITS 153	13.02/3.99	11.6	11.1			YES
Repetitive Inspection Results	J. BASHAM 15 NOV 19	LE 46113C	12242.3	ITS 153	13.02/3.99	11.6	11.1	6.1	46.9%	YES
Repetitive Inspection Results										
Repetitive Inspection Results										
Repetitive Inspection Results										
Repetitive Inspection Results										
Repetitive Inspection Results										

HÉLI-INTER
AMO
32-98
SCA
22
09 JAN. 2015

NOTES:

1. This Delta-P Component Record Card must kept in the Power Turbine Module Airworthiness Directives & Service Bulletins Section of the Engine Logbook.
 2. Refer to Pressure Limits and Control Orifice Tag attached to Kit.
 3. Document the upper pressure limit and the allowable percentage based on the specific hourly inspection interval requirement.
- A copy of this Delta-P Component Record Card must be returned with the RBSh when repair or service bulletin compliance is required.

Figure 4. (Sheet 1 of 1) Delta-P Component Record Card

Honeywell

SERVICE BULLETIN

LTS101-650B-1, LTS101-650C-3, LTS101-650C-3A, LTS101-750B-1, LTS101-750C-1, LTS101-850B-2, LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-700D-2, LTP101-600A-1A, LTP101-700A-1A

4. Appendix 1

Delta-P Component Record Card

Rear Bearing Support Housing PN: 4-143-000-43 RBSH SN: 14-101878-00195 Date of Installation: 3 Dec 2015
Engine TTSN at Date of Installation: _____

Delta P Check Interval	Technician Name / Date Refer to Note 1	Engine SN	Engine Hours (TSN)	Delta Pressure Gage Kit Assembly SN	Pressure / Adjusted P1 Pressure PSI and P2 Gage Upper and Lower Pressure Limit (XX / XX) Refer to Note 2	Control Orifice Allowable P2 Gage Pressure Refer to Note 2	Control Orifice Installed on Kit P2 Gage Reading	Kit Installed on Engine P2 Gage Reading	Percentage of Upper Limit Pressure. (Kit Upper Limit P2 Gage X% Based on Inspection Interval = Allowable Upper Limit Pressure) Refer to Note 3	Engine Passed? Yes / No / Allowable P2 Reading
Initial Engine Build Reading				ITS 153						
Initial Engine Run-up Reading										
Repetitive Inspection Results	JEFF 7-22-17	LE 46113C	11257.8	ITS 153	13.02 / 3.99	11.6 / 10.6	11.1	6.5	56%	Yes
Repetitive Inspection Results	J. James 18 Aug 2018	LE 46113C	11320.9	ITS 153	13.02 / 3.99	11.6	11.1	6.4	49%	Yes
Repetitive Inspection Results	C. Campbell 13 Oct 2017	LE 46113C	11412.4	ITS 153	13.02 / 3.99	11.6	11.1	6.7	51%	Yes
Repetitive Inspection Results	C. Campbell 1-23-2018	LE 46113C	11432.4	ITS 153	13.02 / 3.99	11.6	11.1	6.0	46%	Yes
Repetitive Inspection Results	J. Baras 5-23-2018	LE 46113C	11513.9	ITS 153	13.02 / 3.99	11.6	11.1	6.1	47%	Yes
Repetitive Inspection Results	C. Campbell 7-20-2018	LE 46113C	11542.7	ITS 153	13.02 / 3.99	11.6	11.1	5.1	39%	Yes
Repetitive Inspection Results	D. Jordan 8-16-18	LE 46113C	11632.7	ITS 153	13.02 / 3.99	11.6	11.1			
Repetitive Inspection Results	D. Jordan 9-5-2018	LE 46113C	11730.2	ITS 153	13.02 / 3.99	11.6	11.1			
Repetitive Inspection Results	C. Campbell 3-7-19	LE 46113C	11782.4	ITS 153	13.02 / 3.99	11.6	11.1	5.1	39.2%	Yes
Repetitive Inspection Results	C. Campbell 5 JUN 19	LE 46113C	11882.1	ITS 153	13.02 / 3.99	11.6	11.1	5.8	44.5%	Yes

NOTES:

- This Delta-P Component Record Card must kept in the Power Turbine Module Airworthiness Directives & Service Bulletins Section of the Engine Logbook.
 - Refer to Pressure Limits and Control Orifice Tag attached to Kit.
 - Document the upper pressure limit and the allowable percentage based on the specific hourly inspection interval requirement.
- A copy of this Delta-P Component Record Card must be returned with the RBSH when repair or service bulletin compliance is required.

Figure 4. (Sheet 1 of 1) Delta-P Component Record Card

Honeywell

SERVICE BULLETIN

Pg. 1

LTS101-650B-1, LTS101-650C-3, LTS101-650C-3A, LTS101-750B-1, LTS101-750C-1, LTS101-850B-2, LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-700D-2, LTP101-600A-1A, LTP101-700A-1A

4. Appendix 1

Delta-P Component Record Card

Rear Bearing Support Housing PN: 4-143-020-43 RB5H SN: 14-101978-CORS Date of Installation: 8 DEC 2015
 Engine TTSN at Date of Installation: 10409.0

Delta P Check Interval	Technician Name / Date Refer to Note 1	Engine SN	Engine Hours (TSN)	Delta Pressure Gage Kit Assembly SN	Pressure / Adjusted P1 Pressure PSI and P2 Gage Upper and Lower Pressure Limit (XX / XX) Refer to Note 2	Control Orifice Allowable P2 Gage Pressure Refer to Note 2	Control Orifice Installed on Kit P2 Gage Reading	Kit Installed on Engine P2 Gage Reading	Percentage of Upper Limit Pressure. (KIT Upper Limit P2 Gage X% Based on Inspection Interval = Allowable Upper Limit Pressure) Refer to Note 3	Engine Passed? Yes / No / Allowable P2 Reading
Initial Engine Build Reading	GAUTHIER D	LE-46113C	10409.0	ITS 160	11.7/3.6	8.6/9.6	9.1	5.6	48%	YES
Initial Engine Run-up Reading										
Repetitive Inspection Results	C. Cobbin 19 May 2015	LE-46113C	10538.9	ITS 153	14.2/3.5	11.5/11.0		6.7	47%	Yes
Repetitive Inspection Results	D. Gauthier 6 July 2015	LE-46113C	10628.8	ITS 153	14.2/3.5	11.5/11.0		5.8	41%	Yes
Repetitive Inspection Results	M. Koneg 14 Mar 2016	LE-46113C	10749.7	ITS 153	14.2/3.5	11.5/11.0		6.7	48%	Yes
Repetitive Inspection Results	E. Glover 4-22-16	LE-46113C	10804.8	ITS 153	14.2/3.5	11.5/11.0		6.9	48%	Yes
Repetitive Inspection Results	E. Glover 6-24-16	LE-46113C	10890.4	ITS 153	14.2/3.5	11.5/11.0		6.0	42%	Yes
Repetitive Inspection Results	E. Glover 8/5/16	LE-46113C	10935.4	ITS 153	14.2/3.5	11.5/11.0		6.1	42%	Yes
Repetitive Inspection Results	E. Glover 9-8-16	LE-46113C	10989.7	ITS 153	13.2/3.99	11.6/10.6		6.0	45%	Yes
Repetitive Inspection Results	C. Cobbin 11/25/2017	LE-46113C	11031.8	ITS 153	13.02/3.99	11.6/10.6		5.9	45.3%	Yes
Repetitive Inspection Results	T. Odon 5-3-2017	LE-46113C	11107.9	ITS 153	13.02/3.99	11.6/10.6		6.2	48%	Yes
Repetitive Inspection Results	T. Odon 6-9-2017	LE-46113C	11159.8	ITS 153	13.02/3.99	11.4/10.6		6.8	52%	Yes

HÉLI-INTER AMO 32-98 SCA 22
09 JAN. 2015

NOTES:

- This Delta-P Component Record Card must be kept in the Power Turbine Module Airworthiness Directives & Service Bulletins Section of the Engine Logbook.
 - Refer to Pressure Limits and Control Orifice Tag attached to Kit.
 - Document the upper pressure limit and the allowable percentage based on the specific hourly inspection interval requirement.
- A copy of this Delta-P Component Record Card must be returned with the RB5H when repair or service bulletin compliance is required.

Figure 4. (Sheet 1 of 1) Delta-P Component Record Card

COMPONENT RECORD CARD

DESCRIPTION P.T. Rotor

PART NUMBER 4-141-290- 18

SERIAL NO. 081365106795

NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

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.

1. Approving Civil Aviation Authority Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking No. INV-1057-P1	
4. Organization Name and Address AMO 37-96 Heli Technik 100 BLERIOT ST P.O. BOX 781 VAL D'OR, QC, J9P 4P8				5. Work Order/Contract/Invoice 6713	
6. Item 1	7. Description PT ROTOR ASSY	8. Part No. 4-141-290-18	9. Qty 1	10. Serial/Batch No 081365106795	11. Status/Work NEW
12. Remarks 1. Removed, New from engine LE-49059C					
13 a. Certifies that the items identified above were manufactured in conformity to: ☐ approved design data and are in condition for safe operation. ☐ non approved design data specified in block 12.			14 a. ☒ CAR 571.10 Maintenance Release ☐ 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, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13 b. Signature N/A		13 c. Approved Organization Number N/A		14 b. Signature 	
13 d. Name N/A		13 e. Date (dd/mm/yyyy) N/A		14 c. Approved Organization Number 37-96	
14 d. Name LUC RICHARD - M277395		14 e. Date (dd/mm/yyyy) 12/11/2012			

(Previously form 24-0078)

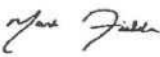
Important: See notes

Installer Responsibilities

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 20140000255968Y14 8003844196-150	
4. Organization Name and Address: Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034				Production Approval PC413NM		
5. Work Order/Contract/Invoice Number: 4808228 Page 1 of 1						
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:	
001	SEAL ASSY - NO. 2 BEARING	4-301-357-04	2	14-152826-57846 See Continuation	NEW	
12. Remarks: AIRWORTHINESS APPROVAL Block 10 Serial Number(s): (Continued): 14-152826-57847.						
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. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation 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.: ODA-602216-NM		14b. Authorized Signature:		
13d. Name (Typed or Printed): Mark Fields		13e. Date (dd/mm/yyyy): 14/OCT/2014		14c. Approval/Certificate No.:		
				14d. Name (Typed or Printed):		
				14e. Date(dd/mm/yyyy):		

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.



Approving Civil Aviation Authority/Country: AA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 20140000318758Y15 319137517	
Organization Name and Address: Honeywell International Inc Greer Repair & Overhaul 85 Beeco Road Greer, SC 29650		Repair Station C7GR861J		5. Work Order/Contract/Invoice Number: 4808377 319137516 Page 1 of 1	
Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	LINER ASSY, COMBUSTION CHAMBER	4-131-010-30	1	05P05231	OVERHAULED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:

OVERHAULED I\A\W LTS101-3 REV.# 3 DATED 07/30/10 SECTION 72-40-00.

ORI P31768 REV A DTD 04/16/10 (CM), ORI P31773 REV. OR DTD

08/02/07 (CM),

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL 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[PRODUCT/ARTICLE] IS CONSIDERED EASY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4123

3a. 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. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation 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.	
3b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: <i>Clay A. McCall</i>	14c. Approval/Certificate No.: C7GR861J
3d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): Clay A. McCall	14e. Date(dd/mmm/yyyy): 12/NOV/2014

User / Installer Responsibilities

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.

HONEYWELL – GREER REPAIR & OVERHAUL TEST ACCEPTANCE CERTIFICATE

LTS 101-700D-2

ENGINE S/N LE46113C

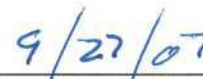
This engine has satisfactorily demonstrated compliance with the performance requirements of the final run as specified by F.A.A. approved installation instruction, Honeywell number 101.14.24 and TI-8361.

TSN/TSO at time of test was 6675.0/0.0 hours with 7933.0 Ng cycles and 6572.0 NP cycles. Date of final test was 27 September, 2007.

Torquemeter pressure @ 561 foot-lbs. is 60.31 psig.
Torquemeter pressure @ 443 foot-lbs. is 46.94 psig.



Test Engineer



Date

85 Beeco Rd.
Greer, SC 29652

E10.4E 12/99

Greer Repair and Overhaul

TURBINE ENGINE TEST LOG

MODEL <u>LT5101-700D-2</u>		SHEET NO <u>1</u> OF <u>1</u>		DATE <u>9/27/07</u>			
S/N <u>LE46113C</u>		FUEL METER NO. <u>8405520</u>		G.P. E.F.A. <u>4.031</u> S/N <u>052025600018</u>			
WO# <u>208279</u>		FUEL TANK NO. <u>1</u> <u>(2)</u> <u>3</u>		P.T. E.F.A. <u>11.460</u> S/N <u>980134513245</u>			
TL <u>8361</u> Rev. <u>N/A</u> RUN # <u> </u>		CELL # G <u>2</u>		TIME OF TEST <u>1.63</u> HRS <u> </u>			
TECHNICIAN <u>HARPER</u>		ADJUSTMENTS:					
OIL QTY: BEGIN <u>1.15</u> END <u>1.14</u>		<u>OIL PRESS 1 1/2 CW FF 1 CW</u>					
FUEL/OIL LEAKS: YES <u>NO</u>							
F/C PRESERVED: YES <u>YES</u> NO <u>NO</u>							
START OR STOP	TIME OF DAY	MAX MGT	SEC.	POWER SETTING	LS #	BELLMOUTH S/N <u>SCROLL 02</u> NOTES: <u>SR S/N 971365101727</u>	LINE NO.
START	1932	1015	29.8				1
	1937			GI	1		2
	1942			FI	2	BREAK IN C/W	3
	2006			FF	3	PLDT ✓ OK	4
	2010			TK	4	13.6mV @ 616hz = 0.203115 MP	5
	2017			MC	5	13.6mV @ 616hz = 0.203115 MP	6
	2027			PP4	6	5.74mV @ 792hz = 0.08515	7
	2032			PP3	7		8
	2037			PP2	8		9
	2042			PP1	9		10
	2045			MST	10		11
	2047			FI	10z		12
						NP GOV HIGH STOP 105% NP @ 300 PPHW/F	13
						XIP GOV HIGH STOP 105.7% NP @ 252 PPHW/F	14
						NP GOV LOW STOP 95.2% NP @ 225 PPHW/F	15
	1392	3.6				AS ACCEL ✓ OK SURGE FREE 36SEC @ 1392°F	16
	1400	7.0				GI ACCEL ✓ OK SURGE FREE 7.0SEC @ 1400°F	17
	1422	2.5				ST ACCEL ✓ OK SURGE FREE	18
						ST WAVE OFF ✓ OK SURGE FREE	19
						EOS TRIPS @ 87% NP	20
						EOS 800PS @ CYCLES BELOW 92% NP	21
STOP	2105	CDT	31.3				22
START	2115	990	25.6		10		23
	2116			GI	10z		24
STOP	2118	CDT	32.2			END TEST	25
							26
							27
							28
							29
							30
							31

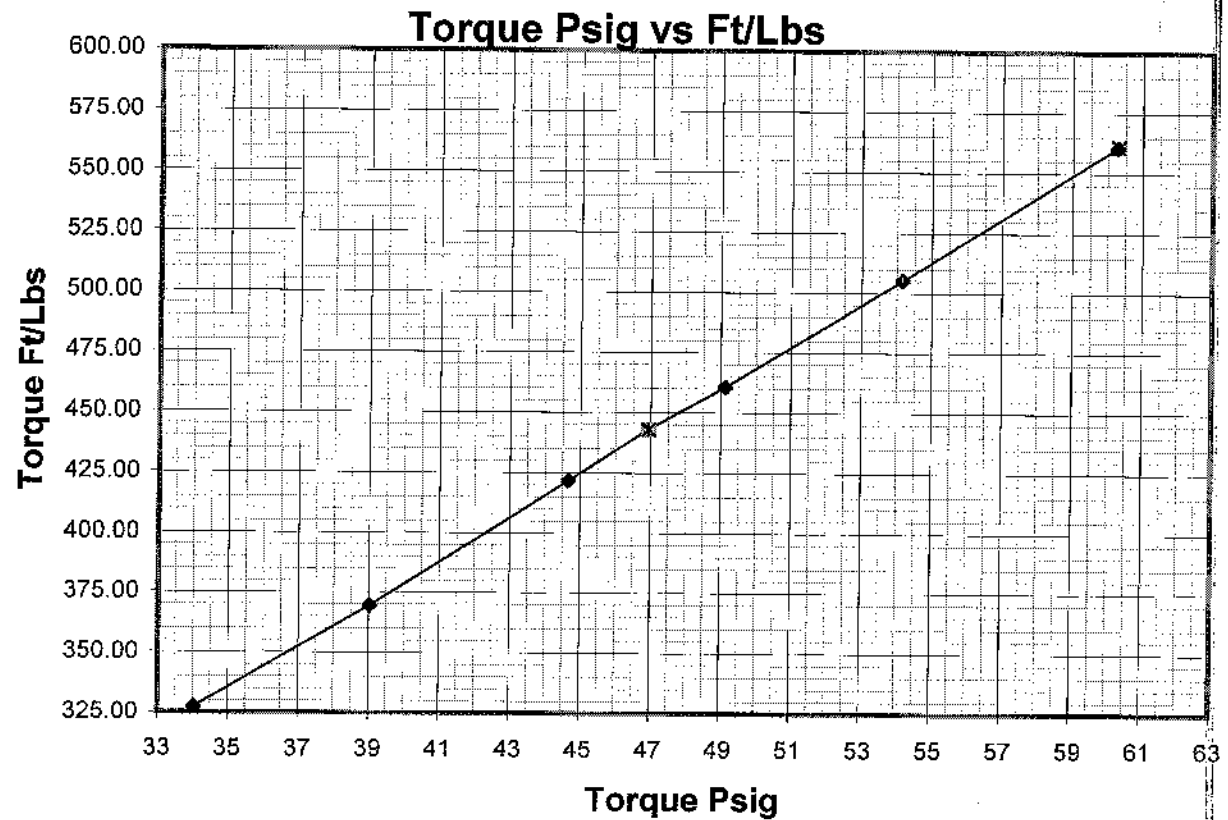
Engineering Acceptance

Date

LE46113C FINAL RUN

9/27/2007

Point	Psig	Ft/Lbs	In/Lbs
Rate1	60.31	561.00	6732.00
TK	60.27	560.69	6728.33
MC	54.16	505.19	6062.33
PP4	49.13	460.34	5524.13
Rate2	46.94	443.00	5316.00
PP3	44.67	421.54	5058.51
PP2	39.02	369.30	4431.65
PP1	34.04	327.29	3927.46



Torquemeter Limits

