



N441ND

1980 Cessna 441 Conquest II

S/N 441-0123

Left Engine Logbooks

Volume _____ Dates _____

Records audited and compiled by Aloft Aviation Services

ALOFT AVIATION SERVICES

2885 U Street, Hangar 333 | San Bernardino, CA 92408

(864) 972-5661 | aloftaviation.com



RidgeAire
WORLDWIDE
aviation specialists

IMPORTANT NOTICE

REGARDING AIRCRAFT LOGBOOKS

AIRCRAFT

N441ND

1980 Cessna 441 Conquest II

S/N 441-0123

Please read before reviewing these records.

The logbooks accompanying this aircraft are not filed strictly by category. Some entries and volumes are mixed — airframe, engine, propeller, and avionics entries may appear in a book other than the one its divider indicates.

Do not rely on the divider labels alone. Review each logbook in full when researching maintenance history, time in service, airworthiness directive compliance, or any specific entry. An entry you expect to find in one volume may be recorded in another.

RidgeAire has reviewed these records and can help locate a specific entry, clarify what is recorded where, or answer any question about the aircraft's documented history.

QUESTIONS? CONTACT RIDGEAIRE

Zach Ridgley

Sales Manager | Director of Aircraft Marketing & Research

(903) 586-1521

zach@ridgeaire.com

RIDGEAIRE, INC.

PO Box 361 | Jacksonville, TX 75766

(903) 586-1521 | ridgeaire.com

This Log Book

Has been prepared to enable the operator of Garrett 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.

GARRETT ENGINE DIVISION



CUSTOMER DATA SHEET

DSC SHEET DATA (LEBOW ONLY)			
DSC-8334	REV NO	ENGINE MODEL: TPE331-10N	S/N: P-77402
TIME:		ENGINE PART #: 3103700	DATE: 09/1/2005
DELTA P (PSID) AT 250 FT/LBS: 19.7		Work Order #: 9850	
DELTA P (PSID) AT 1000 FT/LBS: 50.3		BY WEST STAR AVIATION	

ENGINE TORQUE TRANSDUCER CALIBRATION (LEBOW) DATA						
DATA POINTS		TREND LINE VALUES		DATA POINT DEVIATION FROM TREND LINE (PSID)	WITHIN TOLERANCE?	TREND LINE SLOPE
FT/LBS	PSID	FT/LBS	PSID			
0	14.25	0	14.25	N/A	N/A	CALCULATED
250	19.68	250	19.68	N/A	N/A	0.0216
326	21.00	326	21.30	0.30	Yes	REFERENCE
578	26.80	578	26.74	0.06	Yes	0.0216
950	34.80	950	34.77	0.03	Yes	PSI VALUE AT
1080	37.50	1080	37.15	0.35	Yes	0 FT/LBS
1370	44.00	1370	43.85	0.15	Yes	14.25
1670	50.00	1670	50.33	0.33	Yes	PSI VALUE AT
1410	44.50	1410	44.71	0.21	Yes	1000 FT/LBS
1230	41.20	1230	40.82	0.38	Yes	50.33
1689	50.33	1689	50.30	N/A	N/A	MINIMUM ALLOWABLE VALUE
1700	50.91	1700	50.97	N/A	N/A	8 PSI
						MAXIMUM ALLOWABLE VALUE
						55 PSI AND BETWEEN
						42.25 AND 52.25

Signature: _____

WEST STAR AVIATION
GRAND JUNCTION, CO
CRS # WTXR173J

NOTES: * UP TO 2 DATA POINTS MAY BE IGNORED PER Maint. Manual

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*****
* GARRETT ENGINE DIVISION          GARRETT MODEL-TPE331-10N-515S  *
* PHOENIX, ARIZONA                DATE 02/11/92                  *
*                                  *                               *
* DSC-9334 REV. ---- (IF APPLICABLE) ENGINE S/N P-77402        *
* TIME 19:19:18.70                PART 3103700-5                *
*-----*
* THERMODYNAMIC PERFORMANCE          ( SPEC /                   *
* TAKEOFF/MAXIMUM CONTINUOUS          (REQUIRED /CORRECTED *
*-----*
* SHAFT POWER OUTPUT                SHP ( 1000, / 1000, *
*                                  ( / *
* PROPELLER SHAFT SPEED              RPM ( 2000, / 2005, *
*                                  ( / *
* SPEC. FUEL CONSUMP LB/SHp/HR AT RATED SHP ( .575 / .514 *
*                                  ( / *
* COMPENSATED MEASURED TURBINE        DEG F ( 946, / 946, *
*                                  ( / *
* DISCHARGE TEMPERATURE              DEG C ( 508, / 508, *
*-----*
* **DELP(PSID ) AT 3000.0 TORQUE / --20.5-- *
* **DELP(PSID ) AT 20000.0 TORQUE / --50.0-- *
*-----*
* TTS COMPENSATION -62 DEG F -75 DEG C -54C *
* COMPENSATOR PART NO 892476-4 SETTING NO 75 85 *
*-----*
* MAXIMUM COMPENSATION -166, DEG F -92, DEG C *
*-----*
* (( I SIGNATURE DATE *
* (( I *
* (( TEST I *
* (( LABORATORY I J. E. L.  2-12-92 *
* (( I *
* (( QUALITY I *
* (( ASSURANCE I E. Bradman  2-12-92 *
*****

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* CORRECTED TO STANDARD SEA-LEVEL CONDITIONS.
EOI. 0 FILES; 1 RECORD; 1098 WORDS.

ENGINE DATA

MODEL NO. TPE331-10N-515 S SERIAL NO. P-77402 TOTAL ENGINE WEIGHT 400 LBS
TAKEOFF RATING 715 HP@ 2000 PROP. RPM (100 %)
MAXIMUM CONTINUOUS RATING 715 HP@ 2000 PROP. RPM (100 %)
OIL GRADE SEE FLIGHT MANUAL OIL PRESSURE SEE FLIGHT MANUAL MAXIMUM OIL TEMP SEE FLIGHT MANUAL
FUEL SEE FLIGHT MANUAL MAXIMUM TURBINE DISCHARGE TEMPERATURE (TDT) 946 °F (508 °C)

PROPELLER DATA

MANUFACTURER _____
MODEL NUMBER _____ SERIAL NUMBER _____

OWNER DATA

OWNER'S NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____

ENGINE SERVICE RECORD

SHEET 1 OF 2

DESCRIPTION OF INSPECTIONS, REPAIRS, AND OVERHAULS

DATE	HOURS THIS FLIGHT	CYCLES* THIS FLIGHT	ACCUMULATIVE TOTALS			
			HOURS		CYCLES	
			SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H
02-11-92	*****	*****	3073.4	0	3060	0

MODEL: TPE331-10N-515S PART NO. 3103700-5 SERIAL NO.: P-77402

SERIES: NONE CHANGES: NONE

REPAIR ORDER: P80-344498

ENGINE DISASSEMBLED, CLEANED, INSPECTED, REPAIRED, CONVERTED FROM TPE331-8-403S(312510-2) TO TPE331-10N-515S(3103700-5) PER SB72-0801 & SB72-0455 AND TESTED IN ACCORDANCE WITH FAA APPROVED OVERHAUL MANUAL. REPORT NO. 72-00-12 REVISION 13

THIS IS TO CERTIFY THAT THE FOLLOWING INSPECTIONS HAVE BEEN ACCOMPLISHED IN ACCORDANCE WITH SB72-0406 REV. 11 AND THE ENGINE MANUFACTURER'S RECOMMENDED PROGRAM.
OVERHAUL

REFER TO AIRCRAFT MAINTENANCE MANUAL FOR ENGINE INSTALLATION INSPECTION REQUIREMENTS UPON INSTALLATION.

THIS ENGINE HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION.

THIS ENGINE IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SERVICE BULLETINS & AIR WORTHINESS DIRECTIVES INCORPORATED THIS VISIT ARE ATTACHED IN THE LOGBOOK.

PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER REPAIR ORDER NO. P80-344498.

ALLIED-SIGNAL AEROSPACE COMPANY

GARRETT GENERAL AVIATION SERVICE DIVISION
1944 EAST SKY HARBOR CIRCLE
PO BOX 29003 PHOENIX, AZ 85038-9003
REPAIR STATION CERTIFICATE NO. MMF4695

SIGNATURE Ms. Hernandez STAMP PHX 92

GARRETT ENGINE DIV. TRACEABILITY RECORD SHEET 2 OF 2

OUTLINE NO.	SERIAL NO.	CUSTOMER:	MODEL NO.	SHIP DATE
3103700-5	P-77402	WEST STAR AVIATION	TPE331-10N-515S	FEB 12 1992

SERIES	CHANGES	QTY.	INSPECTION SIG. & STAMP	REPAIR ORDER NO.	LOG BOOK	YES	WITH ENGINE NO
NONE	NONE	1	<i>MS Nomama</i> PHX 92	P80-344498		☒	☐

NOSE CONE	P/N: 3101725-3	S/N: P-2588	SERIES: 1	CHANGES: --
HOUSING & GEAR	P/N: 3101807-22	S/N: P-2602C	SERIES: 2	CHANGES: --
PWR GROUP	P/N: 3103550-14	S/N: P-1042	SERIES: --	CHANGES: --

TRACEABLE/LIFE LIMITED PARTS

NAME	P/N	S/N	HOURS	CYCLES	NAME	P/N	S/N	HOURS	CYCLES
1st T-WHEEL	3101603-1	8-03229-2367	0.0	0	1st IMPELLER	896223-3	0-03501-10627	NR	NR
2nd T-WHEEL	3102106-7	9-01345-3976	0.0	0	2nd IMPELLER	893482-3	6-03501-9399	NR	NR
3rd T-WHEEL	3102655-2	9-01345-5351	0.0	0	SEAL PLATE	3102484-1	8-03501-4222	0.0	0

NAMEPLATE DATA - COMPONENTS

NAME	P/N	S/N	SRS	COND*	NAME	P/N	S/N	SRS	COND*
PROP GOVERNOR.	897160-9	P1136C	1	1	BETA TUBE	897478-1	0P33989	--	1
PROP PITCH CON	869130-13	P-136027	6	1	IGN. UNIT	868962-3	8707R014	--	1
F/FLOW DIVIDER	394408-8-1	9117	4	1	FUEL CONTROL	897110-14	A1024	2	1
ANTI-ICE VALVE	319980-6-1	P4289C	3	1	FUEL PUMP	897380-9	P751C	4	1
COMP. RESISTOR	897476-4L	89-13097-1456	--	1	OIL VENT VALVE	319974-1-1	13084	3	1
TORQUE SENSOR	3101726-3	P-8707	2	1				--	--

* CONDITION CODES: 1 = OVERHAUL 2 = REPAIR 3 = NEW 4 = NO REWORK ACCOMPLISHED 5 = F/T ONLY

P/N 3101689-1
CONTAINS A REPAIR AUTHORIZED
UNDER SFAR-36; ACCOMPLISHED
BY GARRETT ENGINE DIVISION.
SUPPORTING DOCUMENTATION IS
ON FILE.

P/N 3102053-1
CONTAINS A REPAIR AUTHORIZED
UNDER SFAR-36; ACCOMPLISHED
BY GARRETT ENGINE DIVISION.
SUPPORTING DOCUMENTATION IS
ON FILE.

P/N 358360-5
CONTAINS A REPAIR AUTHORIZED
UNDER SFAR-36; ACCOMPLISHED
BY GARRETT ENGINE DIVISION.
SUPPORTING DOCUMENTATION IS
ON FILE.

* GARRETT ENGINE DIVISION GARRETT MODEL-TPE331-10N-515 *

* PHOENIX, ARIZONA DATE 02/11/92 *

* * * *

* DSC-9334 REV. ____ (IF APPLICABLE) ENGINE S/N P-77402 *

* TIME 19:19:18.70 PART 3103700-5 *

* THERMODYNAMIC PERFORMANCE (SPEC / *

* TAKEOFF/MAXIMUM CONTINUOUS (REQUIRED /CORRECTED *

* SHAFT POWER OUTPUT	SHP	(	1000.	/	1000.	*
* PROPELLER SHAFT SPEED	RPM	(	2000.	/	2005.	*
* SPEC. FUEL CONSUMP LB/SHP/HR AT RATED SHP		(	.575	/	.514	*
* COMPENSATED MEASURED TURBINE	DEG F	(	946.	/	946.	*
* DISCHARGE TEMPERATURE	DEG C	(	508.	/	508.	*

**DELP(PSID	) AT 3000.0 TORQUE	/	20.5	*
**DELP(PSID	) AT 20000.0 TORQUE	/	50.0	*

* TTS COMPENSATION ~~-82.~~ DEG F ~~-35.~~ DEG C -54° *

* COMPENSATOR PART NO 897476-4 SETTING NO 7385 *

* MAXIMUM COMPENSATION -166. DEG F -92. DEG C *

((	I	SIGNATURE	DATE	*
((	I			*
((	TEST	I		*
((	LABORATORY	I		*
((	I		2-12-92	*
((	QUALITY	I		*
((	ASSURANCE	I	2-12-92	*

* CORRECTED TO STANDARD SEA-LEVEL CONDITIONS.

EOI. 0 FILES; 1 RECORD; 1098 WORDS.

Superseded
8-4-05



ENGINE ☒MODULE ☐

SERIAL NUMBER

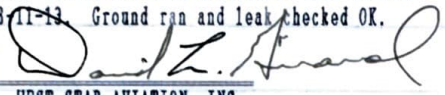
P-77402

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE	HOURS THIS FLIGHT	CYCLES THIS FLIGHT	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED	
			HOURS		CYCLES			
			SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H		
							TOTALS BROUGHT FORWARD	
			West Star Aviation 					
			WALKER FIELD GRAND JUNCTION, CO 81506 (303) 243-7500					
			FAA CERTIFIED REPAIR STATION WTR173J					
			N# N441KM MFG. Garrett MODEL TPE331-10N-515S					
			S/N P-77402 W.O.# 32676 DATE: 02-25-92 HOBBS: 1665.4					
			TTAF 3073.4 TTE 3073.4 TSMOH 0.0 CSN 3060					
			AIRFRAME LEFT ENGINE RIGHT ENGINE <u>XX</u> LEFT PROP. RIGHT PROP.					
			Installed this engine s/n P-77402 on the right side of Cessna 441-0196, N441KM, after overhaul and conversion to a TPE331-10N-515S. Serviced engines with Exxon 2380. Installed new engine mounts. Set torque transducer per DSC sheet. Adjusted EGT compensator to setting # 85 - 54 deg. C. Complied with CQB91-2 by inspection on the beta tube. Installed all new engine fluid carrying hoses. Engine was installed as per Flight Structures Inc. STC SA5682NM in accordance with Garrett installation manual IM-5117 as revised and Cessna 441 maintenance manual D2518-11-13. Ground run and leak checked OK. Performed NTS in flight shut down, and in flight computer set-up, checked OK.					
			Signature 					
			WEST STAR AVIATION, INC. Grand Junction, CO. CRS No. WTR173J					
			West Star Aviation 					
			WALKER FIELD GRAND JUNCTION, CO 81506 (303) 243-7500					
			FAA CERTIFIED REPAIR STATION WTR173J					
			N# N441KM MFG. Garrett MODEL TPE331-10N-515S					
			S/N P-77402 W.O.# 32945 DATE: 03-06-92 HOBBS: 1668.0					
			TTAF 3076.0 TTE 3076.4 TSMOH 2.6					
			AIRFRAME LEFT ENGINE RIGHT ENGINE <u>XX</u> LEFT PROP. RIGHT PROP.					
			Removed beta switch p/n 865956-5 s/n 4-08145-00343, installed new switch p/n 865956 s/n 1477. Removed the right hand fuel control unit p/n 897110-14 s/n 1024, installed overhauled fuel control unit p/n 897110-14 s/n A705C. Ground ran, leak checked, and flight checked OK.					
			Signature 					
			WEST STAR AVIATION, INC. Grand Junction, CO. CRS No. WTR173J					

ENGINE ☐MODULE ☐

SERIAL NUMBER _____

R/H Engine Log Entry For 441KM

PAGE _____

S
RTIFICATE NUMBER.

DATE

3/25/92

Hobbs 1675.4

A/C TT 3083.4

Engines 10.0

L/H Prop 226.9

R/H Prop 341.4

Removed and replaced Starter Generator,
installed S/N 1485, R/H. Ops check good
on engine run.

The Aircraft and/or component identified hereon was
repaired and inspected in accordance with current
Federal Air Regulations and was found airworthy for
return to service. Pertinent details of the repair are on
file at this agency under WO No.11029.....

Date 3/28/92

Signed [Signature]

SUPERIOR AVIATION, INC.

FORD AIRPORT

IRON MOUNTAIN, MI

Repair Station No. EATR437D

R/H Engine Log Book Entry For 441KM

4/9/92

Hobbs 1693.2

A/C TT 3101.2

L/H Eng 27.8

R/H Eng 27.8

L/H Prop 244.7

R/H Prop 359.2

Engine Phase 3 has been inspected
in accordance with a
inspection and was determined to be in airworthy con-
dition. Pertinent details of the repair are on file at this
agency under WO No.11026.....

Date 4/9/92

Signed [Signature]

SUPERIOR AVIATION, INC.

FORD AIRPORT

IRON MOUNTAIN, MI

Repair Station No. EATR437D

THIS CERTIFIES THAT

S'S INSPECTION INSTRUCTIONS

PX-3107-51 BACK

ENGINE ☐
MODULE ☐

SERIAL NUMBER

R/H Engine Log Entry For 441KM

PAGE

CERTIFICATE NUMBER

PERFORMED

RWARD

ATE

4/27/92

Hobbs 1705.6

A/C TT 3113.6

Engines 40.2

L/H Prop 257.1

R/H Prop 371.6

Removed and replaced Starter Generator,
installed S/N 1492, R/H. Ops check good
on engine run.

The Aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under WO No. 11098.

Date
Signed
SUPERIOR AVIATION, INC.
FORE AIRPORT
IRON MOUNTAIN, MI
Repair Station No. EATR437D

Right Engine Log Book Entry N# 441KM

8/5/92

Hobbs: 1755.5

TT A/C: 3163.5

TT Right Eng SMOH: 90.1

TT Right Prop SMOH: 421.5

Removed, inspected and replaced fuel filter and o-rings-OK.

Removed, inspected and replaced oil filter and o-rings-OK.

Inspected input gearbox and tested for proper operation - OK.

S.O.A.P. sample taken. Complied with Garrett 100 Hour Items.

The Aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this Agency under WO No. 11259

Date
Signed
SUPERIOR AIRLIFT, INC.
FORD AIRPORT
IRON MOUNTAIN, MI
Repair Station No. EATR437D

ENGINE ☐MODULE ☐

SERIAL NUMBER _____

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE

**JET AIR CORPORATION**

1921 AIRPORT ROAD AUSTIN STRAUBEL FIELD

GREEN BAY, WISCONSIN 54303

F.A.A. APPROVED REPAIR STATION ~~1921~~ MZ2R023L

8-8-92

Hobbs 1758.4

A/C TT 3166.4

TSO 93.0

Removed engine, Installed hyd mount kit P/N 658516-2. C/W SB72-0797 Inspection of turbine Scavange pump, no defects noted at this time. Checked 72-0561 found to be N/A by oil tube P/N. C/W sb 72-0534 inspection of torsion shaft for proper position. Installed Engine. All work accomplished I-A-W manufacture maintance manual. Engine leaked and Ops checked OK for return service.

—END—

The ~~aircraft, airframe, aircraft engine, propeller, or appliance~~ identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved to return to service.

*Pertinent details of the repair are on file at the repair

station under order No. 2216 date 8-8-92

signed SP Zimmerman for Jet Air Corporation.

Repair Station No. MZ2R023L

Austin Straubel Field

Inspector

SP Zimmerman

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

PX-3107-51 BACK

ENGINE ☐
MODULE ☐
SERIAL NUMBER _____

DATE

Right Engine Log Entry N# 441KM

10/16/92
Hobbs: 1811.8
TT A/C: 3218.0
TT Right Eng: 144.6
TT Right Prop SMOH: 476.0

Complied with Garrett 200 hour inspection items, IAW
maintenance manual.

The Aircraft and/or component identified hereon was
repaired and inspected in accordance with current
Federal Air Regulations and was found airworthy for
return to service. Pertinent details of the repair are on
file at this agency under WO No. 1155

Date 10/16/92

Signed [Signature]

SUPERIOR AVIATION, INC.
FORD AIRPORT
IRON MOUNTAIN, MI
Repair Station No. EATR437D

Right Engine Log Entry N# 441KM

2/5/93
Hobbs: 1904.1
TT A/C: 3310.3
TT Right Eng: 236.9
TT Right Prop SMOH: 568.3
C/W Garrett 100 hour insp. items. C/W Garrett 1 year insp.
items. S.O.A.P. sample taken. Phase #2 Insp. complied with
IAW, SAI Progressive Care Insp.

Engine Phase 2
has been inspected
and found to be airworthy con-
form to file at this

2/5/93 11467
[Signature]
SUPERIOR AVIATION, INC.
FORD AIRPORT
IRON MOUNTAIN, MI
Repair Station No. EATR437D

PAGE _____

CERTIFICATE NUMBER _____

THIS CERTIFIES THAT THE TYF

CTION INSTRUCTIONS

PX-3107-51 BACK

ENGINE ☐
MODULE ☐
SERIAL NUMBER _____

Right Engine Log Entry N# 441KM

3/9/93

Hobbs: 1924.2

TT A/C: 3330.4

TT Right Eng: 257.0

TT Right Prop SMOH: 588.4

Removed and replaced starter generator with overhauled unit
sn: 2793, ops checks good.

The Aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Additional details of the repair are on file at this Agency under WO No. 11488

Date: 3/9/20

Signed: [Signature]

SUPERIOR AVIATION, INC.

FORD AIRPORT

IRON MOUNTAIN, MI

Repair Station No. EATR437D

RIGHT ENGINE LOG ENTRY N# 441KM

5/18/93

Hobbs: 2007.9

TT A/C: 3414.1

TT Right Eng: 340.7

TT Right Prop SMOH: 672.1

Phase #3 Inspection Complied With IAW, SAI Progressive Care Insp.
Complied with Garrett 100 hour items. Complied with Garrett 200
hour items. S.O.A.P. sample taken and sent for analysis.
Ops and leak checks okay.

I certify that this Engine has been inspected
in accordance with a Phase 3
inspection and was determined to be in airworthy con-
dition. Permanent details of this inspection are on file at this
office under WFO 11599

5/10/20

Signed *[Signature]*

SUPERIOR LAMINATION, INC.

FORD AIRPORT

IRON MOUNTAIN, MI

Repair Station No. EATR437D

TOTALS TO DATE

PAGE _____

LS

CERTIFICATE NUMBER

K PERFORMED

FORWARD

ENGINE ☐
MODULE ☐
SERIAL NUMBER _____

RIGHT ENGINE LOG ENTRY N# 441KM

PAGE _____

CERTIFICATE NUMBER _____

DATE

10/27/93

Hobbs: 2086.2

TT A/C: 3492.4

TT Right Eng: 419.0

TT Right Prop SMOH: 750.4

Complied with Garrett 300 hour items. Complied with Garrett 600 hour items. Complied with Garrett 400 hour items (not including nozzles).

The Aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Permanent records of the repair are on file at this location. WO No. 12005

Date

Signature

SUPERIOR AVIATION, INC.
FORD AIRPORT
IRON MOUNTAIN, MI
Repair Station No. EATR437D

RIGHT ENGINE LOG ENTRY N# 441KM

11/16/93

Hobbs: 2090.4

TT A/C: 3496.6

TT Right Eng: 423.2

TT Right Prop SMOH: 754.6

Phase #2 Inspection Complied With IAW, Cessna Progressive Care Inspection. S.O.A.P. sample taken and sent for analysis. Complied with Garrett 100 hour inspection items.

I certify that this engine has been inspected in accordance with a Phase 2 inspection and was determined to be in airworthy condition. Permanent records of the repair are on file at this location. WO No. 12032

Date 11/16/93
Signature
SUPERIOR AVIATION, INC.
FORD AIRPORT
IRON MOUNTAIN, MI
Repair Station No. EATR437D

THIS CERTIFIES THAT THE

INSPECTION INSTRUCTIONS

ENGINE ☐
MODULE ☐
SERIAL NUMBER _____

RIGHT ENGINE LOG ENTRY N# 441KM

10/27/93

Hobbs: 2086.2

TT A/C: 3492.4

TT Right Eng: 419.0

TT Right Prop SMOH: 750.4

Complied with Garrett 300 hour items. Complied with Garrett 600 hour items. Complied with Garrett 400 hour items (not including nozzles).

The Aircraft was inspected and found to be in compliance with current Federal Air Regulations and was found airworthy for flight.

10/27/93
SUPERIOR AVIATION, INC.
FORD AIRFIELD
IRON MOUNTAIN, MI
Repair Station No. EATR487D

RIGHT ENGINE LOG ENTRY N# 441KM

11/16/93

Hobbs: 2090.4

TT A/C: 3496.6

TT Right Eng: 423.2

TT Right Prop SMOH: 754.6

Phase #2 Inspection Complied With IAW, Cessna Progressive Care Inspection. S.O.A.P. sample taken and sent for analysis. Complied with Garrett 100 hour inspection items.

I certify that this aircraft has been inspected in accordance with the requirements of the Federal Aviation Regulations and was found to be in compliance with current Federal Air Regulations and was found airworthy for flight.

11/16/93
SUPERIOR AVIATION, INC.
FORD AIRFIELD
IRON MOUNTAIN, MI
Repair Station No. EATR487D

THIS CERTIFIES THAT T

PAGE _____

CERTIFICATE NUMBER _____

INSPECTION INSTRUCTIONS

PS 8105-21 BACK

ENGINE ☐
MODULE ☐
SERIAL NUMBER _____

West Star
Aviation 

WALKER FIELD
GRAND JUNCTION, CO 81506
(303) 243-7500

FAA CERTIFIED REPAIR STATION
WTRR173J

SERVICE RECORD

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, DATING AND CERTIFY DATE

PAGE _____

NUMBER _____

DATE

HOURS
THIS
FLIGHT

THIS
FLIGHT

SINCE
NEW

SINCE
OH

SINCE
NEW

SINCE
OH

DESCRIPTION OF WORK PERFORMED

TOTALS BROUGHT FORWARD

N# N441KM

MFG. Garrett

MODEL TPE-331-10N

S/N P-77402

W.O.# 36024

DATE: 12-30-93

HOBBS 2147.8

AIRFRAME

RH ENGINE P-77402

PROPELLER

Removed E.C.T. compensator P/N 897205-3, S/N 92-13097-1043. Installed overhauled P/N 897205-4, S/N 2019-P,
-85 degrees C.

RIGHT ENGINE LOG ENTRY N# 441KM

1/11/94

Hobbs: 2152.0

TT A/C: 3558.2

Complied with Garrett 450 hour inspection. Removed 10
fuel nozzles and sent to Kal-Aero Inc. for flow check,
reinstalled nozzles after flow check. Ops and leak check
okay.

The Aircraft and/or component identified hereon was
repaired and inspected in accordance with current
Federal Air Regulations and was found airworthy for
return to service. Pertinent details of the repair are on
file at this agency under WO No. 12075

Date

Signed

SUPERIOR AVIATION, INC.
FORD AIRPORT
IRON MOUNTAIN, MI
Repair Station No. EATR437D

Signature


WEST STAR AVIATION, INC.
Grand Junction, CO.
CRS No. WTRR173J

TOTALS TO DATE

ENGINE ☐
MODULE ☐
SERIAL NUMBER _____

RIGHT ENGINE LOG ENTRY N# 441KM

PAGE _____

JLS
CERTIFICATE NUMBER.

DATE

3/24/94

Hobbs: 2210.5

TT A/C: 3616.7

TT Right Eng: 543.3

TT Right Prop SMOH: 874.7

Complied with Phase #4, #5 & #6 IAW, Cessna Progressive Care Inspection Program. Complied with Garrett 100 hour inspection items. Complied with Garrett 1 year inspection items. S.O.A.P. sample taken and sent for analysis. Ops and leak checks okay.

Engine has been inspected
in accordance with a Phase 4, 5 and 6
inspection and was determined to be in airworthy con-
dition. Pertinent details of the repair are on file at this
agency under WO No. 12293
Date 3/24/94
Signed _____
SUPERIOR AVIATION, INC.
FORD AIRPORT
IRON MOUNTAIN, MI
Repair Station No. EATR437D

RIGHT ENGINE LOG ENTRY N# 441KM

5/5/94

Hobbs: 2250.5

TT A/C: 3656.7

TT Right Eng: 583.3

TT Right Prop SMOH: 914.7

Complied with Garrett 200 hour inspection items as required.

The Aircraft and/or component identified hereon was
repaired and inspected in accordance with current
Federal Air Regulations and was found airworthy for
return to service. Pertinent details of the repair are on
file at this agency under WO No. 12293
Date 5/5/94
Signed _____
SUPERIOR AVIATION, INC.
FORD AIRPORT
IRON MOUNTAIN, MI
Repair Station No. EATR437D

THIS CERTIFIES THAT

PILOT'S INSPECTION INSTRUCTIONS

ENGINE ☐
MODULE ☐
SERIAL NUMBER _____

7/1/94

RIGHT ENGINE LOG ENTRY N# 441KM

Hobbs: 2282.4

TT A/C: 3688.6

TT Right Eng: 615.2

TT Right Prop SMOH: 946.4

Complied with Phase #2 INspection IAW, Cessna Progressive Care
Inspection. Complied with Garrett 100 hour inspection items.
Removed and replaced gap seals for starter/generator. Replaced
starter generator brushes with new, ops check okay.

I certify that this Engine Phase 2 has been inspected
in accordance with a 12387
inspection and was determined to be in airworthy con-
dition. Pertinent details of the repair are on file at this
agency under W.D. No. _____

Date 7/1/94

Signed [Signature]

SUPERIOR AVIATION, INC.
FORD AIRPORT
IRON MOUNTAIN, MI
Repair Station No. EATR437D

PAGE _____

IFICATE NUMBER _____

ERFORMED _____

WARD _____

April 25, 2005

TPE331-10N-515S s/n P77402 was removed from the
#2 position of Cessna 441 s/n 441-0196 N441KM

AFTSN: 3,778.6

ETSN: 3,778.6

ETSO: 705.2

ECSN: 3,761

ECSO: 701

Signed _____

TOTALS TO DATE

UNAUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address:

Executive Aircraft Maintenance 7920 E. Greenway RD, Scottsdale AZ 85260

12497

5. Work Order/Contract Invoice Number:

74012497

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
	Engine	3103700-5	Various	1	P-77402C	Inspected

13. Remarks:

Inspected IAW Levels I, II & III Prop Strike Inspections IAW Honeywell MM 72-00-13 Rev 20.
TSN: 3778.6 CSN: 3761 TSO: 705.2 CSO: 701

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.:

20. Authorized Signature:

21. Approval Certificate No.:

17. Name (Typed or Printed):

18. Date (m/d/y):

22. Name (Typed or Printed):

23. Date (m/d/y):

Timothy A. Brown

08-05-05

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.

ENGINE ☐
MODULE ☐
SERIAL NUMBER _____

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE



ENGINE
TPE-331-10N-515S

08-04-05
SN: P-77402C

TSN: 3778.6 CSN: 3761 TSO: 705.2 CSO: 701
C/W Levels I,II, & III Prop Strike Inspections. All work performed IAW Honeywell MM 72-00-13 Rev. 20.

Note: See attached Traceability Listing for parts installed.
10 Hour SOAP Sampling Required Due to Work Performed
See AD and SB Listing for Compliance at this Visit
NTS In-Flight Function Checked Required

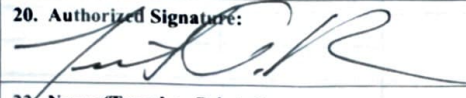
NTS In-Flight Function Check Performed By: _____

THIS ENGINE WAS INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH CURRENT FAA
REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED
PERTINENT DETAILS ARE ON FILE UNDER THIS FAA APPROVED REPAIR STATION WORK
ORDER 74012497

INSPECTOR: 
EXECUTIVE AIRCRAFT MAINTENANCE FAA APPROVED REPAIR STATION E27R1730
7920 E. GREENWAY ROAD SCOTTSDALE, AZ 85260 480-991-0900

THIS CERTIFIES THAT

CTIONS

1. Approving National Aviation Authority/Country: FAA/USA		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 12497	
4. Organization Name and Address: Executive Aircraft Maintenance 7920 E. Greenway RD. Scottsdale AZ 85260						5. Work Order/Contract/Invoice Number: 74012497	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
	Engine	3103700-5	Various	1	P-77402C	Inspected	
13. Remarks: Inspected IAW Levels I, II & III Prop Strike Inspections IAW Honeywell MM 72-00-13 Rev 20. TSN: 3778.6 CSN: 3761 TSO: 705.2 CSO: 701							
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.:		20. Authorized Signature: 		21. Approval/Certificate No.: E27R1730	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Timothy A. Brown		23. Date (m/d/y): 08-05-05	
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.							

EAM
EXECUTIVE AIRCRAFT MAINTENANCE

[illegible]

CONDITION CODES: 1 = OVERHAUL 2 = REPAIR 3 = NEW 4 = NO WORK PERFORMED 5 = FUNCTION TEST ONLY 6 = INSPECTED N/R = NOT RECORDED

TRACEABILITY

EXECUTIVE AIRCRAFT MAINTENANCE CRS E27R1730



PART NUMBER		SERIAL NUMBER		CUSTOMER		MODEL		DATE			
3103700-5		P-77402C		WestStar		TPE-331-10N-515S		08/04/05			
SERIES	CHANGES	INSPECTED BY			TSN	CSN	TSO	CSO	WO NUM.		
	None				3778.6	3761	705.2	701	74012497		
Nomenclature		P/N	S/N	Quantity	Condition	Nomenclature		P/N	S/N	Quantity	Condition
Fuel Nozzles		3103235-11	Various	10	Overhauled	Shield Shaft Assembly		894124-1		1	New
1 st Stage Diffuser		3103496-3		1	New	Mounting Bracket		895730-1		1	New
1 st Stage Impeller		896223-3	4035015042	1	Overhauled	Tube		896063-1		1	New
Shroud		3101829-2	07590426315001	1	Overhauled	Spacer Sleeve		896222-1		1	New
Turbine Seal Kit		658530-1		1	New	Support		897200-1		1	New
Seal		896494-3	050515834009	1	New	Heat Shield Gasket		3101685-2		1	New
Rotor		896549-2		1	New	1 st T-wheel		3108164-1	8032292367	1	Overhauled
Nut		3108066-1		1	New	2 nd T-wheel		3102106-10	50134505535	1	New
Oil Pressure Pump		3103217-4	051405700166	1	New	Combustor		3108322-5	05P13952	1	New
Seal Assembly		358278		1	New	Fuel Control		897110-20	A705C	1	Overhauled
Diffuser Vane Assembly		893384-4		1	New	Prop Pitch Control		869130-13	P-136027	1	Overhauled
Diffuser Vane		3102173-2		1	New	Fuel Pump		897380-9	P-394C	1	Overhauled
Torsion Shaft		3101758-4	05P09213	1	New	Shroud		3103128-2		12	New
Shaft		3101672-2	04P19182	1	New	Torque Sensor		3101726-3	P-3470	1	Overhauled
Gasket		3103750-5		1	New	Valve		319980-6-1	P-14351	1	Overhauled
Gasket		3103751-5		1	New	Prop Governor		897160-9	P-1136C	1	Overhauled
Turbine Bearing		3108098-1	050633112079	1	New						
Compressor Bearing		3101405-1	040233008181	1	New						
Spring		3102049-2		1	New						
Retainer		3102247-1		1	New						
Oil Scavenge Pump		3108282-2	05P10710	1	New						
2 nd Stage Seal		3102327-4		1	New						
Seal Ring		3103165-1		1	New						
Hydraulic Mount		3103969-1		1	New						
Compressor Seal Kit		3107051-5		1	New						
Seal		3108024-4	050515831157	1	New						
Rotor		3108304-1		1	New						
Ignitor Plug		369949-3		2	New						
Rotor Set		865101-3		1	New						
Spur Gear		866306-6		1	New						
Drain Valve		868889-1		2	New						
Tube		869537-1		1	New						
Coupling Assembly		894119-1		1	New						



**ALOFT AVIATION
SERVICES**

RECORDS NOTE

ENGINE INSTALLATION HISTORY

SUBJECT AIRCRAFT

N441ND

1980 Cessna 441 Conquest II

S/N 441-0123

Reader's aid only. The engine logbooks and the aircraft maintenance records are the governing records and control in the event of any discrepancy with this note.

STATEMENT

On 9/2/05, the engines currently installed on this aircraft were removed from N441KM, S/N 441-0196, and installed on N441ND, S/N 441-0123. N441KM had been involved in an incident and was being disassembled for parts; the owner elected to install the lower-time engines from that airframe.

N441ND, S/N 441-0123, was not involved in that incident and has no damage history arising from it. The incident pertains solely to N441KM, S/N 441-0196, a separate airframe.

The engine logbooks accompanying this aircraft reflect the complete operating history of these engines, including time accrued on N441KM prior to transfer.

Prepared by:

Zach Ridgley

Date:

ALOFT AVIATION SERVICES

2885 U Street, Hangar 333 | San Bernardino, CA 92408

(864) 972-5661 | aloftaviation.com

HONEYWELL TPE331-10N-515S
SN: P-77402C
TSN: 3778.6
CSN: 3761
TSO: 705.2
CSO: 701
WO#: 9850



ENGINE ENTRY, PG. 1

POSITION # 1
CESSNA 441
N441ND
HR MTR: 748.1
TTAF: 7340.2
LANDINGS: 5204
DATE: 9/21/05

PAGE _____

AND OVERHAULS
ME, RATING AND CERTIFICATE NUMBER.

PTION OF WORK PERFORMED

ALS BROUGHT FORWARD

- Re-installed engine truss SN 264 after repair at Kosola & Associates Inc. CQB85-24 complied with at this time.
- Installed all new Lord engine mounts p/n 's LM600-9, LM600-12, 200PE1210-45.
- Installed this inspected TPE331-10N-515S engine, in the #1 position using all new hardware
- Engine was installed per West Star Aviation, Inc. STC SA5682NM in accordance with FSI document No. 91FS090-D06. Reference FAA form 337 dated 8/31/05
- Complied with Honeywell Pre-Flight, 100/150 through 900 Hour. Inspection items.
- Complied with Cessna Phase 17 Engine oil changed, serviced with BP 2380 oil.
- Installed all new Teflon engine fluid carrying hoses per field approved Form 337 dated 8/24/05.
- Replaced fuel control unit with overhauled unit, PN 897110-20, SN A1033.
- Reinstalled McCauley propeller m/n 4HFR34C661, s/n 990844. Removed to facilitate engine removal and install.
- Ground and in-flight computer set-up completed. In-flight NTS shut down completed satisfactorily.

I certify that this engine has been inspected in accordance with approved Honeywell/Cessna inspection programs, as required by 14CFR §91.409 (f) (3), and has been determined to be in an airworthy condition and is approved for return to service with regards to the work performed. Pertinent details are on file at this repair station under the above work order. A copy of this work order has been provided to the operator.

Signature *[Signature]*
WEST STAR AVIATION, INC.
796 Heritage Way
Grand Junction, CO 81506 (970) 243-7500

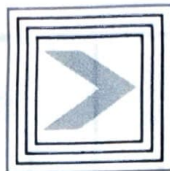
FAA CERTIFIED REPAIR STATION
WTXR173J

TOTALS TO DATE

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERT

ENGINE ☐
MODULE ☐
SERIAL NUM

SERIAL NUMBER



Aircraft Inc.

PX-3107-51 BACK

CORPORATE AIRCRAFT, INC. FRESNO, CA.	N441ND	02/23/2006	L/ENGINE	S/N P77402C
(209) 251-1555	RS CQDR029K	HOBBS	848.0	L/CYCLES 3,833
AIRCRAFT TOTAL TIME	7,440.1	L/ENG TT	3,878.5	L/ENG SMOH 805.1

Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines 150 hour fuel control filter service requirements.

This engine has been inspected in accordance with a Phase 2 inspection and is

approved for return to service. Work order # M1595

CORPORATE AIRCRAFT, INC. 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

ORDANCE WITH MAINTENANCE



Aircraft Inc.

CORPORATE AIRCRAFT, INC. FRESNO, CA.	N441ND	10/10/2006	L/ENGINE	S/N P77402C
(209) 251-1555	RS CQDR029K	HOBBS	938.1	L/CYCLES 3,851
AIRCRAFT TOTAL TIME	7,530.2	L/ENG TT	3,968.6	L/ENG SMOH 895.2

Completed a Phase 2 and 3 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines 150 hour fuel control filter service requirements. Completed all Honeywell Engines TPE 331-8/10N 200 hour inspection and servicing requirements.

This engine has been inspected in accordance with a Phase 2 and 3 inspection and is

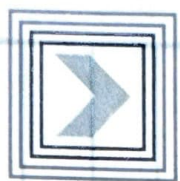
approved for return to service. Work order # M1921

CORPORATE AIRCRAFT, INC. 4885 E. SHIELDS, FRESNO, CA. 93726 FAA PS CQDR029K

THIS CERTIFIES THAT

1. Approving National Aviation Authority/Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG					3. Form Tracking Number: <i>Corporate Aircraft Inc.</i> 43063 -10																							
2. Organization Name Address:		Tennessee Aircraft Co. 5005 Market Place, Mt. Juliet, TN 37122					4. Work Order/Contract/Invoice Number: P.O.# 82135																							
5. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Qty.:	11. Serial/Batch Number:	12. Status/Work:																								
1	Duplex Nozzle	3103235-8	N/A	10	See Remarks	OVERHAULED																								
13. Remarks: Overhauled and Tested as per Honeywell Overhaul Manual 73-10-19 <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">UNIT S/N</td> <td style="width: 50%;">SHROUD S/N</td> </tr> <tr> <td>#1 1-2405</td> <td>#1 SAME</td> </tr> <tr> <td>#2 1-2404</td> <td>#2 SAME</td> </tr> <tr> <td>#3 1-2392</td> <td>#3 SAME</td> </tr> <tr> <td>#4 1-2366</td> <td>#4 SAME</td> </tr> <tr> <td>#5 1-2343</td> <td>#5 SAME</td> </tr> <tr> <td>#6 1-2355</td> <td>#6 SAME</td> </tr> <tr> <td>#7 1-2301</td> <td>#7 SAME</td> </tr> <tr> <td>#8 1-2398</td> <td>#8 SAME</td> </tr> <tr> <td>#9 1-2303</td> <td>#9 SAME</td> </tr> <tr> <td>#10 90-0170</td> <td>#10 SAME</td> </tr> </table> Certifies that the work specified in block 12/13 was carried out in accordance with EASA 145 and with respect to that work the aircraft component is considered ready for release to service under EASA Acceptance Certificate Number EASA 145.5691									UNIT S/N	SHROUD S/N	#1 1-2405	#1 SAME	#2 1-2404	#2 SAME	#3 1-2392	#3 SAME	#4 1-2366	#4 SAME	#5 1-2343	#5 SAME	#6 1-2355	#6 SAME	#7 1-2301	#7 SAME	#8 1-2398	#8 SAME	#9 1-2303	#9 SAME	#10 90-0170	#10 SAME
UNIT S/N	SHROUD S/N																													
#1 1-2405	#1 SAME																													
#2 1-2404	#2 SAME																													
#3 1-2392	#3 SAME																													
#4 1-2366	#4 SAME																													
#5 1-2343	#5 SAME																													
#6 1-2355	#6 SAME																													
#7 1-2301	#7 SAME																													
#8 1-2398	#8 SAME																													
#9 1-2303	#9 SAME																													
#10 90-0170	#10 SAME																													
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.																														
20. Authorized Signature: 						21. Approval/Certificate No.: QTFR573L																								
22. Name (Typed or Printed): Curt Ramon						23. Date (m/d/y): 10.5.07																								
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.																														

PAGE _____



Corporate Aircraft

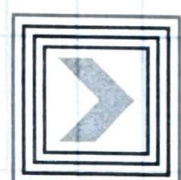
CORPORATE AIRCRAFT, FRESNO, CA. (559) 251-1555	RS CQDR029K	N441ND HOBBS	06/29/2007 1,061.2	L/ENGINE L/CYCLES	S/N P77402C 3,937
AIRCRAFT TOTAL TIME	7,653.3	L/ENG TT	4,091.7	L/ENG SMOH	1,018.3

Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines 150 hour fuel control filter service requirements. Completed all Honeywell Engines TPE 331-8/10N 300 hour inspection and servicing requirements. Removed prop governor S/N P-1136C and installed serviceable governor S/N p-1273C. Removed FCU S/N A1033 and installed serviceable FCU S/N A324C. Completed ground and inflight setup per the Cessna maintenance manual.

This engine has been inspected in accordance with a Phase 2 inspection and is approved for return to service. Work order # M2281 Bruce R. Royster
CORPORATE AIRCRAFT, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

SERVICE RECORD

DESCRIPTION OF INSPECTION
AND REPAIRS



Corporate Aircraft

CORPORATE AIRCRAFT, FRESNO, CA. (559) 251-1555	RS CQDR029K	N441ND HOBBS	10/22/2007 1,116.2	L/ENGINE L/CYCLES	S/N P77402C 3,975
AIRCRAFT TOTAL TIME	7,708.3	L/ENG TT	4,146.7	L/ENG SMOH	1,073.3

Completed a Phase 2, 3, "D" inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines 150 hour fuel control filter service requirements. Completed all Honeywell Engines TPE 331-8/10N 200 and 400 hour inspection and servicing requirements. Installed ten duplex fuel nozzles after overhaul by FAA repair station # QTFR573L.

This engine has been inspected in accordance with a Phase 2,3,"D" inspection and is approved for return to service. Work order # M2419 Bruce R. Royster
CORPORATE AIRCRAFT, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

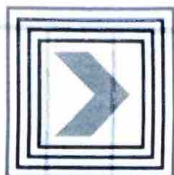
ENGINE ☐
MODULE ☐
SERIAL NUM ☐

DATE	HC	T	FL																	

TOTALS TO DATE

ENGINE ☐
MODULE ☐
SERIAL NUM

SERIAL NUMBER



Corporate Aircraft

CORPORATE AIRCRAFT, FRESNO, CA.	N441ND	07/18/2008	L/ENGINE	S/N P77402C
(559) 251-1555	RS CQDR029K	HOBBS	1,220.3	L/CYCLES 4,183
AIRCRAFT TOTAL TIME	7,812.4	L/ENG TT	4,250.8	L/ENG SMOH 1,177.4

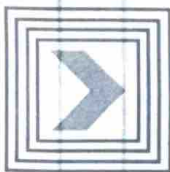
Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines 150 hour fuel control filter service requirements.

This engine has been inspected in accordance with a Phase 2 inspection and is

approved for return to service. Work order # S02768

Bingo R. Palmer

CORPORATE AIRCRAFT, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



Corporate Aircraft

CORPORATE AIRCRAFT, FRESNO, CA.	N441ND	10/21/2008	L/ENGINE	S/N P77402C
(559) 251-1555	RS CQDR029K	HOBBS	1,272.4	L/CYCLES
				4,220
AIRCRAFT TOTAL TIME	7,864.5	L/ENG TT	4,302.9	L/ENG SMOH
				1,229.5

Completed a Phase 3 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program.

This engine has been inspected in accordance with a Phase 2 and 3 inspection and is

approved for return to service. Work order # S02861

Brent R. Roemer

CORPORATE AIRCRAFT, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

THIS CERTIFIES THAT

AS DEFINED IN CURRENT APPLICABLE MAINTENANCE

PX-3107-51 BACK



Corporate Aircraft

PX-3107-51

PAGE

CORPORATE AIRCRAFT, FRESNO, CA.		N441ND	01/07/2009	L/ENGINE	S/N P77402C
(559) 251-1555	RS CQDR029K	HOBBS	1,320.3	L/CYCLES	4,251
AIRCRAFT TOTAL TIME	7,912.4	L/ENG TT	4,350.8	L/ENG SMOH	1,277.4

Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines 150 hour fuel control filter service requirements. Completed all Honeywell Engines TPE 331-8/10N 200 and 300 hour inspection and servicing requirements. Swapped with the right engine and resealed the oil filter bypass valve.

This engine has been inspected in accordance with a Phase 2 inspection and is

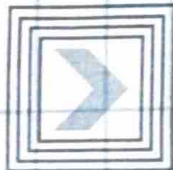
approved for return to service. Work order # S2934

Bruce R. Paylor

CORPORATE AIRCRAFT, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

TOTALS TO DATE

SERVICE RECORD



Corporate Aircraft

CORPORATE AIRCRAFT, FRESNO, CA.	N441ND	10/17/2009	L/ENGINE	S/N P77402C	
(559) 251-1555	RS CQDR029K	HOBBS	1,417.1	L/CYCLES	4,314
AIRCRAFT TOTAL TIME	8,009.2	L/ENG TT	4,447.6	L/ENG SMOH	1,374.2

Completed a Phase 2, 3, "D" inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines 150 hour fuel control filter service requirements. Removed starter generator S/N 1024 and reinstalled after overhaul (See 8130-3 in the airframe log.) Complied with the Honeywell Engines annual magnesium housing corrosion inspection. AD 2009-17-05 and TPE331-72-A2150 1st stage turbine disk is N/A by S/N. TPE331-72-A2156 1st stage turbine disk is N/A by S/N.

This engine has been inspected in accordance with a Phase 2,3, "D" inspection and is

approved for return to service. Work order # S3160

Bruce R. Paylor

CORPORATE AIRCRAFT, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

ENGINE ☐
MODULE ☐
SERIAL NUMBER

HOUF
THIS
FLIGHT

DATE



DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
----- AND REPAIRS WITH NAME, RATING AND CERT

ENGINE ☐
MODULE ☐
SERIAL NUMBER



Corporate Aircraft

CORPORATE AIRCRAFT, FRESNO, CA.	N441ND	05/12/2010	L/ENGINE	S/N P77402C
(559) 251-1555	RS CQDR029K	HOBBS	1,517.4	L/CYCLES 4,384
AIRCRAFT TOTAL TIME	8,109.5	L/ENG TT	4,547.9	L/ENG SMOH 1,474.5

Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Installed new oil filter and submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines 150 hour fuel control filter service requirements. Completed all Honeywell Engines TPE 331-8/10N 200 and 400 hour inspection and servicing requirements. Removed, cleaned and reinstalled both plenum drain valves per the Honeywell Engines inspection requirements. Installed ten duplex fuel nozzles after overhaul by FAA repair station #QTFR573L.

This engine has been inspected in accordance with a Phase 2 inspection and is

approved for return to service. Work order # S3462

CORPORATE AIRCRAFT, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



Corporate Aircraft
A ROSS AVIATION COMPANY

CORPORATE AIRCRAFT, FRESNO, CA.	N441ND	11/22/2010	L/ENGINE	S/N P77402C
(559) 251-1555 RS CQDR029K	HOBBS	1,628.3	L/CYCLES	4,460
AIRCRAFT TOTAL TIME 8,220.4	L/ENG TT	4,658.8	L/ENG SMOH	1,585.4

Completed a Phase 2 and 3 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Complied with Phase 17, engine oil change. Serviced with BPTO 2380. Installed new oil filter and submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines TPE 331-8/10N 150 and 300 hour inspection requirements. Complied with the Honeywell Engines annual magnesium housing corrosion inspection.

This engine has been inspected in accordance with a Phase 2 and 3 inspection and is

approved for return to service. Work order # S3682

CORPORATE AIRCRAFT, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

THIS CERTIFIE:

CONFORMANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS

XX-3107-51 BACK

1. Approving National Aviation Authority/Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: CORPORATE AIRCRAFT 50600 -10	
4. Organization Name and Address: Tennessee Aircraft Co. 5005 Market Place, Mt. Juliet, TN 37122						5. Work Order/ Contract/Invoice Number: P.O.# 10074\$	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Qty.:	11. Serial/ Batch Number:	12. Status/Work:	
1	Duplex Nozzle Set	3103235-8	N/A	10	See Remarks	OVERHAULED	

13. Remarks:

UNIT S/N	SHROUD S/N	
#1 1-2405	#1 SAME	Overhaul and Tested as per Honeywell/Garrett Fuel Nozzle Assembly Overhaul Manual, Garrett P/N 3103235, Report No. 73-10-19, Rev. 1, Jan. 15, 1992 Certifies that the work specified in block 12/13 was carried out in accordance with EASA 145 and with respect to that work the aircraft component is considered ready for release to service under EASA Acceptance Certificate Number EASA 145.5691
#2 1-2404	#2 SAME	
#3 1-2392	#3 SAME	
#4 1-2366	#4 SAME	
#5 1-2363	#5 SAME	
#6 1-2355	#6 SAME	
#7 1-2301	#7 SAME	
#8 1-2398	#8 SAME	
#9 1-2303	#9 SAME	
#10 90-0170	#10 SAME	

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.

20. Authorized Signature: 	21. Approval/ Certificate No.: QTFR573L 22. Name (Typed or Printed): Curt Ramon 23. Date (m/d/y): May 6-2010
-------------------------------	---

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.



CORPORATE AIRCRAFT, FRESNO, CA.	N441ND	06/17/2011	L/ENGINE	S/N P77402C
(559) 251-1555 RS CQDR029K	HOBBS	1,725.0	L/CYCLES	4,525
AIRCRAFT TOTAL TIME 8,317.1	L/ENG TT	4,755.5	L/ENG SMOH	1,682.1

Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Installed new oil filter and submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines TPE 331-8/10N 150 hour inspection requirements. Completed all Honeywell Engines TPE 331-8/10N 200 hour inspection and servicing requirements.

This engine has been inspected in accordance with a Phase 2 inspection and is

approved for return to service. Work order # S3810

CORPORATE AIRCRAFT, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS (CQDR029K

SERVICE RECORD

DESCRIPTION OF INSPECTIONS, I
ENDORSE ALL INSPECTIONS AND REPAIR

ENGINE ☐
MODULE ☐
SERIAL NUM

[illegible]

N441ND Hobbs: 1798.5 Date: 10/07/2011 W.O. 9978 LH Engine Log

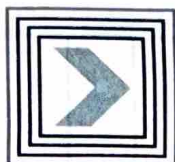
1. Replaced ignition exciter with overhauled unit, P/N 10-378400-5, S/N 218019038.
2. Ground ops check normal.

I certify this Engine is returned to service with respect to the work Performed stated above.

TOTALS TO DATE

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS

ENGINE ☐
MODULE ☐
SERIAL NUM



Corporate Aircraft
A ROSS AVIATION COMPANY

CORPORATE AIRCRAFT, FRESNO, CA.	N441ND	11/30/2011	L/ENGINE	S/N P77402C
(559) 251-1555 RS CQDR029K	HOBBS	1,805.3	L/CYCLES	4,581
AIRCRAFT TOTAL TIME 8,397.4	L/ENG TT	4,835.8	L/ENG SMOH	1,762.4

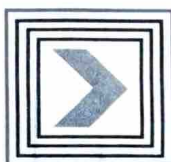
Completed a Phase 2, 3, "D" inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Installed new oil filter and submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines TPE 331-8/10N 150 hour inspection requirements. Complied with the Honeywell Engines annual magnesium housing corrosion inspection. AD 2001-18-51R1. aft turbine bearing is N/A by manufacturer.

This engine has been inspected in accordance with a Phase 2.3, "D" inspection and is

approved for return to service. Work order # S4112

CORPORATE AIRCRAFT, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS/CQDR029K

ANC



Corporate Aircraft
A ROSS AVIATION COMPANY

CORPORATE AIRCRAFT, FRESNO, CA.	N441ND	09/28/2012	L/ENGINE	S/N P77402C
(559) 251-1555	RS CQDR029K	HOBBS	1,905.8	L/CYCLES 4,651
AIRCRAFT TOTAL TIME	8,497.9	L/ENG TT	4,936.3	L/ENG SMOH 1,862.9

Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Installed new oil filter and submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines TPE 331-8/10N 150 hour inspection requirements. AD 2012-02-06, 1st stage turbine disk is N/A by S/N.

This engine has been inspected in accordance with a Phase 2 inspection and is

approved for return to service. Work order # S4535

CORPORATE AIRCRAFT, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

THIS CERTIFIES THAT:

1. Approving National
Aviation
Authority/Country:
FAA/United States

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
Corporate Aircraft
Ross Aviation com.
58227 -10

4. Organization Name
and Address:

Tennessee Aircraft Co. 5005 Market Place, Mt. Juliet, TN 37122 Certificate No. QTFR-573L

5. Work Order/ Contract/Invoice Number:

PO#117135

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Qty.:	11. Serial/Batch Number:	12. Status/Work:
1	Duplex Nozzle Set	3103235-8	N/A	10	See Remarks	OVERHAULED

13. Remarks:

UNIT S/N

#1 1-2405

#2 1-2404

#3 1-2392

#4 1-2366

#5 1-2363

#6 1-2355

#7 1-2301

#8 1-2398

#9 1-2303

#10 90-0170

SHROUD S/N

#1 Same

#2 Same

#3 Same

#4 Same

#5 Same

#6 Same

#7 Same

#8 Same

#9 Same

#10 Same

Overhaul and Tested as per Honeywell/Garrett
Fuel Nozzle Assembly Overhaul Manual, Garrett

P/N 3103235, Report No. 73-10-19,

Rev. 1, Jan. 15, 1992

Certifies that the work specified in
block 12/13 was carried out in accordance

with EASA 145 and with respect to that

work the aircraft component is considered

ready for release to service under EASA

Acceptance Certificate Number EASA 145.5691

Certifies the items to which above work was manufactured in conformity to:

18.



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.

20. Authorized Signature:

22. Name (Typed or Printed):

21. Approval/
Certificate No.:

QTFR573L

23. Date (m/d/y):

Nov 27, 2012

User/Installer Responsibilities

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



Corporate Aircraft

A ROSS AVIATION COMPANY

CORPORATE AIRCRAFT, FRESNO, CA.	N441ND	11/30/2012	L/ENGINE	S/N P77402C
(559) 251-1555	RS CQDR029K	HOBBS	1,910.9	L/CYCLES 4,653
AIRCRAFT TOTAL TIME	8,503.0	L/ENG TT	4,941.4	L/ENG SMOH 1,868.0

Completed a Phase 3 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Completed all Honeywell Engines TPE 331-8/10N 200, 300 and 400 hour inspection and servicing requirements. Cleaned FCU P3 air filter and reinstalled. Installed ten duplex fuel nozzles after overhaul by FAA repair station #QTFR573L. Complied with the Honeywell Engines annual magnesium housing corrosion inspection. Installed two new igniters.

This engine has been inspected in accordance with a Phase 3 inspection and is

approved for return to service. Work order # S4613

CORPORATE AIRCRAFT, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

Bruce R. Royner



Corporate Aircraft

A ROSS AVIATION COMPANY

CORPORATE AIRCRAFT, FRESNO, CA.	N441ND	11/27/2013	L/ENGINE	S/N P77402C
(559) 251-1555	RS CQDR029K	HOBBS	1,998.6	L/CYCLES 4,713
AIRCRAFT TOTAL TIME	8,590.7	L/ENG TT	5,029.1	L/ENG SMOH 1,955.7

Completed a Phase 3, "D" inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Installed new oil filter and submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines TPE 331-8/10N 150 hour inspection requirements. Complied with the Honeywell Engines annual magnesium housing corrosion inspection.

This engine has been inspected in accordance with a Phase 3, "D" inspection and is

approved for return to service. Work order # S5072

CORPORATE AIRCRAFT, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

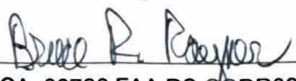
Bruce R. Royner



LANDMARK AVIATION, FRESNO, CA.	N441ND	09/24/2014	L/ENGINE	S/N P77402C
(559) 251-1555 RS CQDR029K	HOBBS	2,060.2	L/CYCLES	4,757
AIRCRAFT TOTAL TIME 8,652.3	L/ENG TT	5,090.7	L/ENG SMOH	2,017.3

Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program.

This engine has been inspected in accordance with a Phase 2 inspection and is

approved for return to service. Work order # S5456 
LANDMARK AVIATION, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



LANDMARK AVIATION, FRESNO, CA.	N441ND	11/18/2014	L/ENGINE	S/N P77402C
(559) 251-1555 RS CQDR029K	HOBBS	2,071.8	L/CYCLES	4,765
AIRCRAFT TOTAL TIME 8,663.9	L/ENG TT	5,102.3	L/ENG SMOH	2,028.9

Completed a Phase 3 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Installed new oil filter and submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines TPE 331-8/10N 150 hour inspection requirements. Completed all Honeywell Engines TPE 331-8/10N 200 hour inspection and servicing requirements. Cleaned FCU P3 air filter and reinstalled. Complied with the Honeywell Engines annual magnesium housing corrosion inspection.

This engine has been inspected in accordance with a Phase 3 inspection and is

approved for return to service. Work order # S5519 
LANDMARK AVIATION, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 29765 1400	
4. Organization Name and Address: Arizona Aircraft Accessories 7722 E Velocity Way Mesa, AZ 85212 CRS# B6BR276J					5. Work Order/Contract/Invoice Number: 46531	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
01	SOLENOID SHUTOFF VALVE	319980-6-1	1EA	P5438	OVERHAULED	
12. Remarks: Overhauled IAW Honeywell Publication # 75 - 10 - 01 Rev # 9 (11/30/2001) CERTIFIES THAT THE WORK IN BLOCK 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 #EASA.145.5407 T.S.O 0.0 ---END---						
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.:
				 ERIC FARRELL		B6BR276J
13d. Name (Typed or Printed):		13e. Date (dd/mm/yy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yy):
						14 OCT 2015
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.						



LANDMARK A V I A T I O N

LANDMARK AVIATION, FRESNO, CA.	N441ND	10/06/2015	L/ENGINE	S/N P77402C	
(559) 251-1555	RS CQDR029K	HOBBS	2,153.9	L/CYCLES	4,823
AIRCRAFT TOTAL TIME	8,746.0	L/ENG TT	5,184.4	L/ENG SMOH	2,111.0

Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Installed new oil filter and submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines TPE 331-8/10N 150 hour inspection requirements.

This engine has been inspected in accordance with a Phase 2 inspection and is
approved for return to service. Work order # S5926 Duane R. Rayner
LANDMARK AVIATION, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



LANDMARK A V I A T I O N

LANDMARK AVIATION, FRESNO, CA.		N441ND	01/28/2016	L/ENGINE	S/N P77402C
(559) 251-1555	RS CQDR029K	HOBBS	2,172.0	L/CYCLES	4,834
AIRCRAFT TOTAL TIME	8,764.1	L/ENG TT	5,202.5	L/ENG SMOH	2,129.1

Completed a Phase 3, "D" inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Completed all Honeywell Engines TPE 331-8/10N 300 hour inspection and servicing requirements. Complied with the Honeywell Engines annual magnesium housing corrosion inspection. Installed engine anti-ice valve S/N P5438 after overhaul by FAA repair station # B6BR276J. Installed FCU S/N A324C after testing by FAA repair station # X2ZR927X. Completed ground and inflight EEC to FCU setup per the Cessna 441 maintenance manual.

This engine has been inspected in accordance with a Phase 3, "D" inspection and is
approved for return to service. Work order # S6011 Duane R. Rayner
LANDMARK AVIATION, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



SIGNATURE
TECHNICAIR™

Aircraft Maintenance
A BBA Aviation company

SIGNATURE TECHNICAIR FRESNO, CA	N441ND	10/17/2016	L/ENGINE	S/N P77402C
(559)251-1555 REPAIR STATION CQDR029K	HOBBS	2,261.2	L/CYCLES	4,895
AIRCRAFT TOTAL TIME 8,853.3	L/ENG TT	5,291.7	L/ENG SMOH	2,218.3

Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Installed new oil filter and submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines TPE 331-8/10N 150 and 200 hour inspection requirements. Cleaned FCU P3 air filter and reinstalled.

This engine has been inspected in accordance with a Phase 2 inspection and is

approved for return to service. Work order # S6466
SIGNATURE TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

Bruce R. Payner



SIGNATURE
TECHNICAIR™

Aircraft Maintenance
A BBA Aviation company

SIGNATURE TECHNICAIR FRESNO, CA	N441ND	02/17/2017	L/ENGINE	S/N P77402C
(559)251-1555 REPAIR STATION CQDR029K	HOBBS	2,293.9	L/CYCLES	4,918
AIRCRAFT TOTAL TIME 8,886.0	L/ENG TT	5,324.4	L/ENG SMOH	2,251.0

Completed a Phase 3 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Completed all Honeywell Engines TPE 331-8/10N 400 hour inspection and servicing requirements. Removed, cleaned and reinstalled both plenum drain valves per the Honeywell Engines inspection requirements. Installed ten duplex fuel nozzles after overhaul by FAA repair station #QTFR573L. Complied with the Honeywell Engines annual magnesium housing corrosion inspection. Installed new bottom igniter. AD 2016-18-17, 2nd stage compressor removal is due at next access or 11,500 cycles. AD 2016-21-07, Honeywell Woodward FCU is N/A by manufacturer.

This engine has been inspected in accordance with a Phase 3 inspection and is
approved for return to service. Work order # S6628
SIGNATURE TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

Bruce R. Payner

1. Approving Civil
Aviation
Authority/Country:
FAA/United States

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

Technicalair - FAT

69235

-10

4. Organization Name
and Address:

Tennessee Aircraft Co. 5005 Market Place, Mt. Juliet, TN 37122 Certificate No. QTFR-573L

5. Work Order/ Contract/Invoice Number:

PO# 572-17-000926

6. Item:	7. Description:	8. Part Number:	9. Qty:	10. Serial Number:	11. Status/Work:
1	Duplex Nozzle Set	3103235-11	10	See Remarks	OVERHAULED

12. Remarks:

UNIT S/N

#1 080416811574

#2 080416810023

#3 080416808700

#4 080416808882

#5 080416810305

#6 080416811578

#7 080416809391

#8 080416809396

#9 080416800009

#10 080416808905

SHROUD S/N

#1 080416811598

#2 080416810053

#3 080416808719

#4 080416808942

#5 080416810319

#6 080416811607

#7 080416809410

#8 080416809418

#9 080416800016

#10 080416808936

Overhaul and Tested as per Honeywell/Garrett
Fuel Nozzle Assembly Overhaul Manual, Garrett

P/N 3103235, Report No. 73-10-19, Rev. 1, Jan 15, 1992

In compliance with Service Bulletin TPE331-73-0284

Rev. 1, Feb 27, 2015 including TR 73-7 of the OHM.

Certifies that the work specified in

block 11/12 was carried out in accordance

with EASA 145 and with respect to that

work the aircraft component is considered

ready for release to service under EASA

Acceptance Certificate Number EASA 145.5691

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



14 CFR 43.9 Return to Service



Other regulation specified in Block 12

13. Non-approved design data specified in Block 13

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.

13. Authorized Signature:

13. Approved/Authorized Signature:

14b. Authorized Signature:

14c. Approval/
Certificate No.:

QTFR573L

14d. Name (Typed or Printed):

JOEY L. J. JOURNAL

14e. Date (dd/mm/yyyy):

14/FEB./2017

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 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.



SIGNATURE
TECHNICAIR™

Aircraft Maintenance
A BBA Aviation company

TECHNICAIR	FRESNO, CA	N441ND	12/20/2018	L/ENGINE	S/N P77402C
251-3794	RS CQDR029K	HOBBS	2,461.7	L/CYCLES	5,032
RAFT TOTAL TIME	9,053.8	L/ENG TT	5,492.2	L/ENG SMOH	2,418.8

Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current
recommended inspection program.

Engine has been inspected in accordance with a Phase 2 inspection and is

Ready for return to service. Work order # S7458

TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

Bruce R. Rayner



SIGNATURE
TECHNICAIR™

Aircraft Maintenance
A BBA Aviation company

TECHNICAIR	FRESNO, CA	N441ND	02/09/2019	L/ENGINE	S/N P77402C
251-3794	RS CQDR029K	HOBBS	2,467.0	L/CYCLES	5,035
RAFT TOTAL TIME	9,059.1	L/ENG TT	5,497.5	L/ENG SMOH	2,424.1

Completed a Phase 3 inspection in accordance with FAR 91.409(f)(3), the manufacturers current
recommended inspection program. Complied with AD 2018-13-05 by installing new oil filter and
submitted an oil sample to Jet Care for analysis. Completed the Honeywell Engines TPE 331-8/10N 150,
and 300 hour inspection requirements. Cleaned FCU P3 air filter and reinstalled. Removed starter
rotor S/N 1024 and reinstalled after overhaul (See 8130-3 in the airframe log.) Complied with the
Honeywell Engines annual magnesium housing corrosion inspection. AD 2018-22-01, 2nd stage turbine
replacement is N/A by rotor P/N.

Engine has been inspected in accordance with a Phase 3 inspection and is

Ready for return to service. Work order # S7474

TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

Bruce R. Rayner



SIGNATURE
TECHNICAIR™

Aircraft Maintenance
A BBA Aviation company

SIGNATURE TECHNICAIR FRESNO, CA	N441ND	11/08/2017	L/ENGINE	S/N P77402C
(559)251-3794 REPAIR STATION CQDR029K	HOBBS	2,374.5	L/CYCLES	4,973
AIRCRAFT TOTAL TIME 8,966.6	L/ENG TT	5,405.0	L/ENG SMOH	2,331.6

Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Installed new oil filter and submitted an oil sample to Honeywell Engines for analysis. Completed the Honeywell Engines TPE 331-8/10N 150 hour inspection requirements.

This engine has been inspected in accordance with a Phase 2 inspection and is

approved for return to service. Work order # S6947

Bruce R. Payne

SIGNATURE TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



SIGNATURE
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Aircraft Maintenance
A BBA Aviation company

SIGNATURE TECHNICAIR FRESNO, CA	N441ND	01/26/2018	L/ENGINE	S/N P77402C
(559)251-3794 REPAIR STATION CQDR029K	HOBBS	2,391.2	L/CYCLES	4,984
AIRCRAFT TOTAL TIME 8,983.3	L/ENG TT	5,421.7	L/ENG SMOH	2,348.3

Completed a Phase 3 and "D" inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Complied with the Honeywell Engines annual magnesium housing corrosion inspection. AD 2016-18-17, 2nd stage compressor removal is due at next access or 11,500 cycles after the effective date.

This engine has been inspected in accordance with a Phase 3 and "D" inspection and is

approved for return to service. Work order # S7050

Bruce R. Payne

SIGNATURE TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



Aircraft Maintenance
A BBA Aviation company

SIGNATURE TECHNICAIR	FRESNO, CA	N441ND	12/20/2018	L/ENGINE	S/N P77402C
(559)251-3794	RS CQDR029K	HOBBS	2,461.7	L/CYCLES	5,032
AIRCRAFT TOTAL TIME	9,053.8	L/ENG TT	5,492.2	L/ENG SMOH	2,418.8

Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program.

This engine has been inspected in accordance with a Phase 2 inspection and is

approved for return to service. Work order # S7458

SIGNATURE TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



Aircraft Maintenance
A BBA Aviation company

SIGNATURE TECHNICAIR	FRESNO, CA	N441ND	02/09/2019	L/ENGINE	S/N P77402C
(559)251-3794	RS CQDR029K	HOBBS	2,467.0	L/CYCLES	5,035
AIRCRAFT TOTAL TIME	9,059.1	L/ENG TT	5,497.5	L/ENG SMOH	2,424.1

Completed a Phase 3 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Complied with AD 2018-13-05 by installing new oil filter and submitted an oil sample to Jet Care for analysis. Completed the Honeywell Engines TPE 331-8/10N 150, 200 and 300 hour inspection requirements. Cleaned FCU P3 air filter and reinstalled. Removed starter generator S/N 1024 and reinstalled after overhaul (See 8130-3 in the airframe log.) Complied with the Honeywell Engines annual magnesium housing corrosion inspection. AD 2018-22-01, 2nd stage turbine rotor replacement is N/A by rotor P/N.

This engine has been inspected in accordance with a Phase 3 inspection and is

approved for return to service. Work order # S7474

SIGNATURE TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



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A BBA Aviation company

SIGNATURE TECHNICAIR	FRESNO, CA	N441ND	12/20/2018	L/ENGINE	S/N P77402C
(559)251-3794	RS CQDR029K	HOBBS	2,461.7	L/CYCLES	5,032
AIRCRAFT TOTAL TIME	9,053.8	L/ENG TT	5,492.2	L/ENG SMOH	2,418.8

Completed a Phase 2 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program.

This engine has been inspected in accordance with a Phase 2 inspection and is

approved for return to service. Work order # S7458
SIGNATURE TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

SIGNATURE



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Aircraft Maintenance
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SIGNATURE TECHNICAIR	FRESNO, CA	N441ND	02/09/2019	L/ENGINE	S/N P77402C
(559)251-3794	RS CQDR029K	HOBBS	2,467.0	L/CYCLES	5,035
AIRCRAFT TOTAL TIME	9,059.1	L/ENG TT	5,497.5	L/ENG SMOH	2,424.1

Completed a Phase 3 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Complied with AD 2018-13-05 by installing new oil filter and submitted an oil sample to Jet Care for analysis. Completed the Honeywell Engines TPE 331-8/10N 150, 200 and 300 hour inspection requirements. Cleaned FCU P3 air filter and reinstalled. Removed starter generator S/N 1024 and reinstalled after overhaul (See 8130-3 in the airframe log.) Complied with the Honeywell Engines annual magnesium housing corrosion inspection. AD 2018-22-01, 2nd stage turbine rotor replacement is N/A by rotor P/N.

This engine has been inspected in accordance with a Phase 3 inspection and is

approved for return to service. Work order # S7474
SIGNATURE TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



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SIGNATURE TECHNICAIR	FRESNO, CA	N441ND	12/14/2019	L/ENGINE	S/N P77402C
(559)251-3794	RS CQDR029K	HOBBS	2,551.6	L/CYCLES	5,095
AIRCRAFT TOTAL TIME	9,143.7	L/ENG TT	5,582.1	L/ENG SMOH	2,508.7

Completed a Phase 2 Inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Complied with the Honeywell Engines 1000 hour P3 orifice check.

This engine has been inspected in accordance with a Phase 2 inspection and is

approved for return to service. Work order # S7900

SIGNATURE TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



Aircraft Maintenance
A BBA Aviation company

SIGNATURE TECHNICAIR	FRESNO, CA	N441ND	01/24/2020	L/ENGINE	S/N P77402C
(559)251-3794	RS CQDR029K	HOBBS	2,560.3	L/CYCLES	5,101
AIRCRAFT TOTAL TIME	9,152.4	L/ENG TT	5,590.8	L/ENG SMOH	2,517.4

Completed a Phase 3 and "D" inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Complied with Phase 17, engine oil change. Serviced with Easton 2380 turbine oil. Complied with AD 2018-13-05 by installing new oil filter and submitted an oil sample to Jet Care for analysis. Completed the Honeywell Engines TPE 331-8/10N 150 hour inspection requirements. Complied with the Honeywell Engines annual magnesium housing corrosion inspection.

This engine has been inspected in accordance with a Phase 3 and "D" inspection and is

approved for return to service. Work order # S7936

SIGNATURE TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



Aircraft Maintenance
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SIGNATURE TECHNICAIR	FRESNO, CA	N441ND	02/11/2021	L/ENGINE	S/N P77402C
(559)251-3794	RS CQDR029K	HOBBS	2,593.4	L/CYCLES	5,124
AIRCRAFT TOTAL TIME	9,185.5	L/ENG TT	5,623.9	L/ENG SMOH	2,550.5

Completed a Phase 2 and 3 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Complied with the Honeywell Engines annual magnesium housing corrosion inspection.

This engine has been inspected in accordance with a Phase 2 and 3 inspection and is

approved for return to service. Work order # S8348

SIGNATURE TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



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Aircraft Maintenance

A BBA Aviation company

SIGNATURE TECHNICAIR	FRESNO, CA	N441ND	02/28/2022	L/ENGINE	S/N P77402C
(559)251-3794	RS CQDR029K	HOBBS	2,625.3	L/CYCLES	5,145
AIRCRAFT TOTAL TIME	9,217.4	L/ENG TT	5,655.8	L/ENG SMOH	2,582.4

Completed a Phase 2, 3, "D" inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Complied with AD 2018-13-05 by installing new oil filter and submitted an oil sample to Jet Care for analysis. Completed the Honeywell Engines TPE 331-8/10N 150, 200, 300, 400 and 800 hour inspection requirements. Cleaned FCU P3 air filter and reinstalled. Installed ten duplex fuel nozzles after overhaul by FAA repair station # QTFR573L. Complied with 450 hour plenum case weld inspection per AD 2018-17-15. Complied with the Honeywell Engines 3700 hour fuel control, fuel pump retorquing and drive spline inspection. Complied with the Honeywell Engines annual magnesium housing corrosion inspection. Completed HOT SECTION INSPECTION this date per Honeywell service bulletin TPE331-72-0180R40 and maintenance manual 72-00-13R20. Installed new FAA/PMA aft turbine carbon seal P/N 3-1557-700 with a new P/N 896549-2, rotor. Installed new P/N 3108066-1, turbine bearing nut. Complied with TPE331-72-2000 by installing new P3 gaskets. Disassembled, cleaned, inspected and reassembled prop pitch control. Installed P/N 897262-3 sleeve after overhaul by FAA repair station ZN3R030M with a new valve seat P/N 867905-1. Installed primaries only solenoid P/N 692545-500 after overhaul by FAA repair station B6BR276J with a new canon plug. Installed new bottom igniter. Completed ground and inflight EEC setup per the Cessna 441 maintenance manual.

This engine has been inspected in accordance with a Phase 2,3,"D" inspection and is

approved for return to service. Work order # S8812

SIGNATURE TECHNICAIR, 4385 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



SIGNATURE

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Aircraft Maintenance

SIGNATURE TECHNICAIR	FRESNO, CA	N441ND	03/23/2023	L/ENGINE	S/N P77402C
(559)251-3794	RS CQDR029K	HOBBS	2,703.8	L/CYCLES	5,201
AIRCRAFT TOTAL TIME	9,295.9	L/ENG TT	5,734.3	L/ENG SMOH	2,660.9

Completed a Phase 2 and 3 inspection in accordance with FAR 91.409(f)(3), the manufacturers current recommended inspection program. Complied with AD 2018-13-05 by installing new oil filter and submitted an oil sample to Jet Care for analysis. Completed the Honeywell Engines TPE 331-8/10N 150 hour inspection requirements. Complied with the Honeywell Engines annual magnesium housing corrosion inspection.

This engine has been inspected in accordance with a Phase 2 and 3 inspection and is

approved for return to service. Work order # S9551

SIGNATURE TECHNICAIR, 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K



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TECHNICAIR™
Aircraft Maintenance

SIGNATURE TECHNICAIR FRESNO, CA	N441GA	6/7/2024	ENG S/N	P77402C
(559) 251-3794	CRS CQDR029K	ENG TT	5828.8	ENG M/N TPE331-10N
AIRCRAFT TT	9390.4	ENG CYC	5264	ENG SMOH 2755.0

The following maintenance was performed:

Completed **Phase 2, 3, and D** inspections. Completed **150 Hour** inspection. Completed **200 Hour** inspection. Completed Fuel Control Unit P3 air filter cleaning. Completed magnesium housing corrosion inspection. Complied with **AD 2018-13-05** by collecting and submitting engine oil sample for analysis.

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft is returned to service with respect to the work performed as described above. Work Order # S10212

SIGNATURE TECHNICAIR 4885 E SHIELDS AVE. FRESNO, CA 93726 FAA CRS CQDR029K