

Left Engine on N145GT

ENGINE LOG

1. Make	<u>PRATT & WHITNEY</u>
2. Model	<u>R2800-CB3</u>
3. Specification	<u>E-264</u>
4. Manufacturer's Serial Number	<u>P36174</u>
5. Date of Manufacture	<u>UNKNOWN</u>
6. Aircraft Inspection Cycle	<u></u>

Total Time: 1943.0 Hrs.

ENGINE SERVICE AND

INSTALLATIONS, INSPECTIONS,

NOTE: USE BOTH PAGES AND AS MANY LINES REQUIRED FOR COMPLETE

**BROUGHT
FORWARD**

JUNE 29 2009

TIME RUN

HRS.

MIN.

TIME SINCE
OVERHAUL

HRS.

MIN.

00:00

MAINTENANCE RELEASE

The aircraft engine and/or component identified hereon was overhauled/repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details are on file at this agency under work order No. 44400

Signed _____ Date 6/29/09

FOR: PRECISION ENGINES LLC

FOR: PRECISION ENGINES LLC
FAA APPROVED REPAIR STATION NO. HJ6R589N
1000 1601 S. G. W. BLVD. E, EVERETT WASHINGTON

00:00

8/2/16

0000

2/6/19

1943.0

Last entry, Total time taken from Conquest Air Flight Log sheet no. 4623 date 02/06/2019.

Asyl

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

MAINTENANCE RECORD

1

REPAIRS, ADJUSTMENTS, MODIFICATIONS

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS

SIGNATURE

LICENSE
NUMBER

SUBJECT ENGINE S/N P36174 WAS OVERHAULED, TEST
RUN AND PRESERVED FOR SHORT TERM STORAGE. ALL
APPLICABLE SERVICE BULLETINS AS OUTLINED IN
PRECISION ENGINES LLC SPECIFICATION FOR SUBJECT
ENGINE HAVE BEEN INCORPORATED, WHICH INCLUDE
A.D. 56-06-02 (S.B. 1567 REV.B.).

**PRECISION
ENGINES LLC**

Everett, Washington 98204

Ph: [REDACTED]
FAA Repair Station HJ68589N

ACCESSORIES WITH ENGINE

HARNESS S/N PEC7026-4

MAGNETO S/N PEC7026-3

DISTRIBUTOR S/N PEC7026-1 AND PEC7026-2

Engine was installed on 4/14
for the N145GT. Engine was
preserved as per Conquest Air
AAEP.

MAXIMUM HOURS BETWEEN OVERHAULS 2400 HOURS.



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Make	Model
	Serial No.	Nationality and Registration Mark
2. Owner	Name (As shown on registration certificate)	Address (As shown on registration certificate)

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in item 1 Above)				
POWERPLANT	PRATT & WHITNEY	R2800-CB3	P36174	XX	
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address PRECISION ENGINES LLC [REDACTED] EVERETT, WA 98204 USA	B. Kind of Agency <table border="1"><tr><td>☐</td><td>U.S. Certificated Mechanic</td></tr><tr><td>☐</td><td>Foreign Certificated Mechanic</td></tr><tr><td>☒</td><td>Certificated Repair Station</td></tr><tr><td>☐</td><td>Manufacturer</td></tr></table>	☐	U.S. Certificated Mechanic	☐	Foreign Certificated Mechanic	☒	Certificated Repair Station	☐	Manufacturer	C. Certificate No. HJ6R589N
☐	U.S. Certificated Mechanic									
☐	Foreign Certificated Mechanic									
☒	Certificated Repair Station									
☐	Manufacturer									

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 05 MAY 2014	Signature of Authorized Individual JAMES S. HARR [REDACTED]
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7. Approval for Return To service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in a manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

BY	FAA Fit. Standards Inspector		Manufacturer		Inspection Authorization	Other (Specify)
	FAA Designee	X	Repair Station		Person Approved by Transport Canada airworthiness Group	
Date of Approval or Rejection 05 MAY 2014		Certificate or Designation No. HJ6R589N		Signature of Authorized Individual JAMES S. HARR [REDACTED]		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft records. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

SUBJECT ENGINE IDENTIFIED ON THE REVERSE SIDE HAS BEEN OVERHAULED AND TESTED IN ACCORDANCE WITH PRATT & WHITNEY OVERHAUL MANUAL FOR SUBJECT ENGINE AND MEETS ALL CURRENT REGULATIONS TO DATE OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

ENGINE HAS BEEN PRESERVED FOR SHORT TERM STORAGE.

ALL APPLICABLE SERVICE BULLETINS AS OUTLINED IN PRECISION ENGINES LLC'S SPECIFICATIONS FOR SUBJECT ENGINE HAVE BEEN INCORPORATED.

1. A.D. 56-06-02 COMPLIES WITH PWA SERVICE BULLETIN #1567 REV. B.

PERTINENT DETAILS ARE ON FILE WITH PRECISION ENGINES LLC UNDER SALES ORDER NO: 45575.

ACCESSORIES WITH ENGINE:

HARNESS S/N: PEC7026-4
MAGNETO S/N: PEC7026-3
DISTRIBUTOR S/N: PEC7026-1 & PEC7026-2

END.

☐ Additional Sheets are Attached

Right Engine on N145GT

ENGINE LOG

1. Make	<u>PRATT & WHITNEY</u>
2. Model	<u>R2800-CB3</u>
3. Specification	<u>E-264</u>
4. Manufacturer's Serial Number	<u>P31899</u>
5. Date of Manufacture	<u>UNKNOWN</u>
6. Aircraft Inspection Cycle	<u></u>

Total Time: 416.7 Hrs

######

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE	MODEL
	SERIAL NO.	NATIONALITY AND REGISTRATION MARK
2. OWNER	NAME (As shown on registration certificate)	ADDRESS (As shown on registration certificate)

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				
POWERPLANT	PRATT & WHITNEY	R2800-52W	P 31399		
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
GARY AEROSPACE CORPORATION HONDO MUNICIPAL AIRPORT HONDO, TEXAS 78861	U.S. CERTIFICATED MECHANIC	2155
	FOREIGN CERTIFICATED MECHANIC	
	☒ CERTIFICATED REPAIR STATION	
	MANUFACTURER	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE MAY 6 1981	SIGNATURE OF AUTHORIZED INDIVIDUAL FRANK D. DOBING
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7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 22 JUNE 1989		CERTIFICATE OR DESIGNATION NO. 2155	SIGNATURE OF AUTHORIZED INDIVIDUAL FRANK D. DOBING	

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Pratt & Whitney R2800-52W Engine Serial Number P-1399
has given a Major overhaul including magnaflux inspection
of all steel parts and penetrant inspection of non-ferrous
parts in accordance with manufacturer and customers specifications
and tables of limits.

The following F.A.A. A.D. notes were complied 56-6-2
This engine was given a full-block performance test and found
to meet specifications.

This engine was inhibited with corrosion preventive in accordance
with MIL-C-6529C

---END---

☐ ADDITIONAL SHEETS ARE ATTACHED

RECORD

INSPECTION & MAINTENANCE RECORD

RE

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-1-2017	0.00	Engine model 52 W J/N P31899 was converted To R-2800 CB3 Engine was given a full block performance test and found to meet manufactures Specification Engine TSO 0.00 As Reported Customer. Work was performed under Anderson Aeromotive Inc. W.O. 4199 Approved Certificate Number DATR1341 5-1-17
		Atache certificate of AUTHORIZED RELEASE form.
		FLORIDA AIRLINE SERVICES, INC.
		Miami, FL 33186
		AEP
		DATE NOVEMBER 6 2017

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE	IC TI
4/7/17	0:00	Installed Engine S/N: P31B99 on Conquest 340, N145GT position #2 I.A.W. Conquest Air AIP. Engine was test run after installation, all pressure and temperature normal. [REDACTED] Art [REDACTED]		
2/6/19	4/6.7	Final Entry, Total Time taken from Conquest Air Flight Log Sheet No. 4623 dated 02/06/2019 [REDACTED] Art [REDACTED]		

N145GT

LEFT PROPELLER

SERIAL NUMBER: A8530

TOTAL TIME: 2,336.2 Hrs.

MAINTENANCE & SERVICE HISTORY

[illegible]**PROPELLER LOG BOOK ENTRY STICKER**

January 21, 2010 propeller assembly service number A8530 was overhauled IAW Hamilton Standard manuals 130B, 163B and 195. AD Notes 56-22-01 (EC776 applied), 57-13-05 (barrier paint applied), 60-03-04 (face alignment, #1 .457, #2 .534 and #3 .532), 64-03-03 (face alignment, #1 .457, #2 .534 and #3 .532) and 81-13-06 R2 (blade corrosion inspection, no corrosion noted) C/W. Service bulletins, 304, 323, 358, 385, 385A, 385B, 457, 465B, 485, 513, 546A, 584, 588, 598, 601, 602A, 616, 624, 631, 632B, 650, 652, 653, 655, 656 Rev 1 and 664 C/W. Factory new parts kit installed. Transfer Housing not included. Propeller assembly shipped assembled with bulkhead installed. A copy of the work order issued. Original FAA Form 8130-3, propeller log book and propeller log book entry sticker issued. Propeller model number, component serial numbers and times are:

Propeller model number 43E60-377/6895A-8

TTSN: Not Provided

TSO: 0.0

#1 Blade serial number 671529

TTSN: Not Provided

TSO: 0.0

#2 Blade serial number 671530

TTSN: Not Provided

TSO: 0.0

#3 Blade serial number 769991

TTSN: Not Provided

TSO: 0.0

Barrel serial number A8530

TTSN: Not Provided

TSO: 0.0

Spider serial number 5-101

TTSN: Not Provided

TSO: 0.0

Dome serial number 202470

TTSN: Not Provided

TSO: 0.0

Slipping serial number A8530

TTSN: Not Provided

TSO: 0.0

Work accomplished by Proj

Said Road, Opa Locka

rida, 33054.

Repair Station XX4R664M, under PSOMI work order number P29740.

Timothy E. Gaither
Shop Manager

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
7/18/14		209.5	Removed from N70BF and installed on new position #1	Att [redacted]
7/18/14		209.5	Propeller Assembly was inspected per IAW Hamilton Standard manual.	
total A/C Time			A.D. 81-13-06 R2 was complied with. Propeller returned back to service	
II 10,574.5			all ground operations check manual	
			next due: 7/18/19	Att [redacted]
NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins Att [redacted]				

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
4/17/17		2,304.5	Total A/c Time: 12,669.5	[Redacted Signature] A-18 [Redacted]
2/12/15		2,336.2	Final Entry, Propeller has been destroyed	[Redacted Signature] A-18 [Redacted]

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins

CONQUEST AIR
GENERAL MAINTENANCE MANUAL
AND INSPECTION PROGRAM
CHAPTER 10, PAGE 21

PROPELLER CHANGE

STATION KOPF DATE 18 July 14 A/C NO. N145GT POSITION #1
REMOVAL MECHANIC INSPECTOR

1. Feather prop blades.
2. Check engine ignition switches are "OFF"
3. Remove de-icer brush block.
4. Install dome lifting handle.
5. Remove dome retaining nut lock screw.
6. Loosen dome nut and remove dome and shims.
7. Remove round snap ring from OD transfer housing.
8. Remove vernier lock.
9. Remove oil transfer housing.
10. Remove transfer housing gasket.
11. Remove flat circular lock inside prop retaining nut.
12. Remove retaining nut.
13. Install prop sling.
14. Remove prop.
15. Remove spider-to-shaft seal.
16. Remove seal spacer.
17. Remove rear cone.
18. Clean and inspect all parts.

CONQUEST AIR
GENERAL MAINTENANCE MANUAL
AND INSPECTION PROGRAM
CHAPTER 10, PAGE 23

PROPELLER CHANGE, cont'd

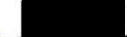
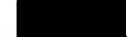
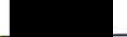
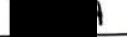
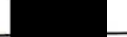
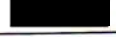
STATION KOPP DATE 18 July 14 A/C NO. N1456T POSITION #1

INSTALLATION

MECHANIC

INSPECTOR

23. Install serviceable dome-barrel seal on dome, P/N 79419.
24. Install dome lift handle.
25. Align the barrel short dowel with proper dome dowel hole.
26. Install dowel and tighten dome retaining nut.
27. Install dome nut lock screw and lock wire.
28. Install serviceable dome cap seal.
29. Install dome cap and safety.
30. Check de-icer brushes.
31. Install brush block and safety.
32. Perform feather and reverse thrust checks (engine inop.) after pre-oil.
33. Replace sump plug.

N145GT

LEFT ENGINE

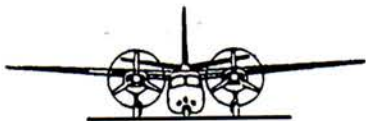
PROPELLER GOVERNOR

SERIAL NUMBER: WH66659

TOTAL TIME: 80.6 Hrs.

DATE: 01-15-2013

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 078201	
4. Organization Name and Address: Aviation Propellers, Inc. [REDACTED] Opa Locka, FL 33054 Repair Station# [REDACTED]					5. Work Order/Contract/Invoice Number: 23830G	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	GOVERNOR ASSEMBLY	5U18-134	1	WH66659	OVERHAULED	
12. Remarks: Governor assembly was Overhaul IAW Hamilton Standard 03-20CA-23 and 03-20CA-24. AD Notes 57-16-04 and 58-03-02 C/W. Service Bulletins 345, 345A, 516A, 522, 522A, 528, 536, 536A, 536C, 616 and 624. Governor times are: TTSN: Not Provided TSO: 0.0						
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			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14c. Approval/Certificate No.: ME4R359M		
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): Jorge B. Gaubeca		14e. Date (dd/mm/yyyy): 01/Nov/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 Propellers, Inc.

Opa Locka, FL. 33054
TELEPHONE: [REDACTED]

WEB: [REDACTED]

EMAIL: [REDACTED]

NEW PARTS SALES FAX: [REDACTED]

FAX: [REDACTED]

Repair Station# [REDACTED]

WORK ORDER

Page: 1

FOR:	REFERENCES
CONQUEST AIR CARGO [REDACTED] Miami Lakes, FL 33014 U.S.A. Attn: Carlos Gomez President TEL.: [REDACTED] Terms: COD	WORK ORDER DATE: Nov01-2018 DUE: Dec01-2018 Work Required...: OVERHAUL
Part Number.: 5U18-134	Qty.....: 1 COND: OH
Description.: Governor Assembly	SERIAL# : WH66659 S.O.: 35768
Manufacturer: Hamilton Sundstrand (Windsor L	WO# : 23830G
	TYPE :

WORK ORDER No. 23830G

(WO)

Work Required.....:

Governor assembly due overhaul.

Inspection.....:

Upon inspection of this Governor the following was noted;

No defects noted at this time.

Work Performed.....:

Governor assembly was overhaul IAW Hamilton Standard manual 03-20CA-23. AD Notes N/A. Service Bulletins: N/A. Factory new parts kit installed. mandatory replacement parts were removed and replaced with factory new parts.

Final Disposition.....:

A copy of the work order and original 8130-3 was issued.

Cost of Repair	Description	Qty COND	Unit Price UM	Ext. Price
Parts				
HSGOVPK	PART KIT, MANDATORY REPLACEMENT	1 OH	\$196.0000 EA	\$196.00
			Subtotal->	\$196.00
Labor				
Governor Overhaul		1.00 EA	\$1,350.0000 EA	\$1,350.00
			Subtotal->	\$1,350.00
			W/O Total:	\$1,546.00

This Work Order does not include applicable Florida sales tax.

Authorized Signatures

Jorge B. Gaubeca, General Manager

Jason H. Gato, Chief Inspection

№ 3314

Conquest Air, Inc.

Form 102

[illegible]

N145GT

RIGHT PROPELLER

SERIAL NUMBER: A526411

TOTAL TIME: 2,216.2 Hrs.

1. Approving National Aviation Authority/Country: USA		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 004161	
4. Organization Name and Address: Propeller Service of Miami, Inc. Opa Locka, Florida 33054 Repair Station Number [REDACTED]		Repair Station: [REDACTED]			5. Work Order/Contract/Invoice Number: P29549	
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work
001	PROPELLER ASSEMBLY	43E60-377/6895A-8	N/A	1	A526411	OVERHAUL
13. Remarks: Propeller assembly was Overhauled IAW Hamilton Standard manuals 130B, 163A, 194 and 61-11-05. AD Notes 56-22-01, 57-13-05, 60-03-04 and 81-13-06 Rev 2 C/W. Service bulletins 304, 465B, 588, 602A, 616, 624, 631, 632B, 650, 652, 653, 656 Rev 1 and 664 C/W. Propeller assembly shipped assembled with bulkhead installed. Propeller assembly times are: TTSN: Not Provided TSO: 0.0						
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: [REDACTED]		21. Approval/Certificate No.: [REDACTED]
17. Name (Type or Printed):		18. Date(m/d/y):		22. Name (Typed or Printed): Timothy E. Gaither Shop Manager		23. Date (m/d/y): Jun30-2011

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.

Statement 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.

MAINTENANCE & SERVICE HISTORY

[illegible]**PROPELLER LOG BOOK ENTRY STICKER**

June 30, 2011 propeller assembly service number A526411 was Overhauled IAW Hamilton Standard Propeller manuals 130B, 163B, 194 and 61-11-05. AD Notes 56-22-01 (EC776 applied), 57-13-05 (barrier paint applied), 60-03-03 (face alignment, #1 .532, #2 .534 and #3 .457) and 81-13-06 R2 (blade corrosion inspection, no corrosion noted) C/W. Service bulletins 304, 465B, 588, 602A, 616, 624, 631, 632B, 650, 652, 653, 655, 656 Rev 1 and 664 C/W. Factory new parts kit installed. Propeller assembly shipped assembled with bulkhead installed. A copy of the work order issued. Original FAA Form 8130-3, propeller log book and propeller log book entry sticker issued. Propeller model number, component serial numbers and times are:

Propeller model number 43E60-377/6895A-8	TTSN: Not Provided	TSO: 0.0
#1 Blade serial number 751983	TTSN: Not Provided	TSO: 0.0
#2 Blade serial number 751984	TTSN: Not Provided	TSO: 0.0
#3 Blade serial number 751985	TTSN: Not Provided	TSO: 0.0
Barrel serial number A5264	TTSN: Not Provided	TSO: 0.0
Spider serial number 174050	TTSN: Not Provided	TSO: 0.0
Dome serial number 172189	TTSN: Not Provided	TSO: 0.0
Slipring serial number A526411	TTSN: Not Provided	TSO: 0.0
Bulkhead serial number A526411	TTSN: Not Provided	TSO: 0.0

Work accomplished by Propeller Service of Miami, Inc., [REDACTED] Opa Locka, Florida, 33054. Repair Station [REDACTED] under PSOMI work order number P29549.

Timothy E. Gaither
Shop Manager

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Service Overhaul	Description Of Work	Authorized Signature Repairman and Station Certificate Numbers
7/5/11		0	Installed propeller on Position #2 N70BF	
10/27/14		11:55		
2/10/14		89:34	Removed from N70BF and Installed on N145GT	
			#2 Position	
5/21/15		532.4		
NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins				

MAINTENANCE & SERVICE HISTORY

[illegible]

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Service Overhaul	Description Of Work	Authorized Signature Repairman and Station Certificate Numbers
1/17/19		2,206.5 Hrs 2,184.5 Hrs	total A/C time: 12,669.5	[Redacted Signature] A+P [Redacted]
2/12/19		2,216.2 Hrs	Final Entry Propeller has been destroyed	[Redacted Signature] A+P [Redacted]

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins

PROPELLER CHANGE, cont'd

1. Prop shaft inspected.
2. Remove shipping plug, if installed.
3. Install rear cone.
4. Install spider-to-shaft seal spacer.
5. Install new spider-to-shaft seal, P/N 79411.
6. Apply a thin coat of thread lube to prop shaft threads.
7. Pencil mark outboard end of prop shaft to show lock holes.
8. Check and install feather reverse brushes. Check wiring to brush block for security and condition.
9. Install prop.
10. Hand start retaining nut and torque to 2200-2500 ft. lbs. - 2300 desired.
11. Install retaining nut lock.
12. Install new shaft gasket, P/N 53435.
13. Check condition of o'ring, P/N 67794, inside transfer housing.
14. Apply thread lube to oil transfer housing threads.
15. Hand start housing into prop shaft and torque to 220-225 ft. lbs.
16. Install vernier lock.
17. Install round snap ring.
18. Install hub snap ring, if removed.
19. Place prop blades at 96 degrees.
20. Install pre-load shims.
21. Check stop ring against stop lug on dome.
22. Check stop ring spacer installation on dome.

DATE: 01-15-13

CONQUEST AIR
GENERAL MAINTENANCE MANUAL
AND INSPECTION PROGRAM
CHAPTER 10, PAGE 23

PROPELLER CHANGE, cont'd

STATION KOPF DATE 18 July 14 A/C NO. N145GT POSITION #2
INSTALLATION MECHANIC INSPECTOR

23. Install serviceable dome-barrel seal on dome, P/N 79419.
24. Install dome lift handle.
25. Align the barrel short dowel with proper dome dowel hole.
26. Install dowel and tighten dome retaining nut.
27. Install dome nut lock screw and lock wire.
28. Install serviceable dome cap seal.
29. Install dome cap and safety.
30. Check de-icer brushes.
31. Install brush block and safety.
32. Perform feather and reverse thrust checks (engine inop.) after pre-oil.
33. Replace sump plug.

N145GT

RIGHT ENGINE

PROPELLER GOVERNOR

SERIAL NUMBER: WH79019

TOTAL TIME: 1,141.1 Hrs.

COMPONENT TRACKING FORM	
CONQUEST AIR	
Purpose: Major Component Time Tracking	

CONQUEST AIR

Purpose: Major Component Time Tracking

P/N 5418-62

S/N WH 79019

2400 HRS.
N/A CALENDAR

[illegible]

AIRCRAFT and ENGINE LOG

No 2419

Form 102

Conquest Air, Inc.

AIRCRAFT N 1456T

TYPE CV340

TRIP NO.

DATE 6/10/16

No. 1 Engine		No. 2 Engine		TOTAL AIRPLANE TIME		VOR OPERATIONAL CHECK	
FLIGHT TIME		Hours		Ten		PLACE	
To This Flight		100.9		10010		DATE	
This Flight		20		20		VOR FREQ	
Total To Date		102.9		10030		BEARING No. 1	
						No. 2	
						BEARING VAR	
						Ck. Due	
						Total to This Flight	
						Time to Ck.	
FLIGHT LEGS		FLIGHT TIME		ZULU TIME		Blk. Time	
DATE	FROM	TO	Hours	Tenths	OUT	OFF	IN
6/10	OPF	NAS	1	0	1947	2024	2124
6/10	NAS	OPF	1	0	2200	2230	2330
Total		2 0				TOTAL 3 2	

ENGINE	No.1	No.2	ITEM	DISCREPANCIES	S/N OFF	S/N ON	ITEM	CORRECTIVE ACTION TAKEN
Oil Pressure	82	89	MX1	#2 prop Hard to Control. surges.	287434	WHTR019	MX1	Removed - Replaced Prop Gov Assy. Opctd checked normal. FAN CV340 MM Rds 9 7.1.2/9.7 2.2
Oil Temp.	70	70						
Fuel Pres.	22	23						
Fuel Flow	480	460						
Manifold Pres.	30	30						
Torque	129	127	MX2	HSI Capilots side Inop	247C	618E	MX2	Removed - Replaced HSI Capilots side ops checked and FAN CV340 MM Rds 18.0.2/18.0.2
RPM - Prop	2000	2000						
Head Temp.	155	160						
Air Speed Ind.	165	164						
Ammeter	005	10						
Pres. Altitude	6,905							
O.A.T.	+20C							

AIRCRAFT ACCEPTANCE

I have examined the five previous log pages and deferred items and do hereby accept this aircraft for service.

Must be Signed by Captain L. FELTS First Officer E. BLANCO Other _____

COMPLETED (Initial) _____

INSP. COMPLETED _____

MAINTENANCE AIR WORTHINESS RELEASE: _____

SIGNED _____

STATION KCPF DATE 6/10/16 TIME 1900

AIRCRAFT PREFLIGHT INSPECTION FORM

AIRCRAFT PREFLIGHT INSPECTION FORM

Station KOPF Aircraft No. N1456T T.A.T. 11558.1

MECHANIC/PILOT

1. Flight Log Book Number
2. Enter Squawks on Non-Routine Sheets.
3. Check Interior and Exterior Lighting.
4. Check Battery Voltage (min. 22v w/1 Inv. ON).
5. Check Radio Equipment Security.
6. Check ADI Fluid.
7. Check Oxygen System Pressure.
8. Check Oxygen and Smoke Masks.
9. Check Life Vests and Life Raft.
10. Check Hydraulic Fluid and Pressure.
11. Check Cockpit and Cabin Interior and Equipment.
12. Check Aircraft Exterior.
13. Check Landing Gear Struts and Cylinders.
14. Drain Fuel Sumps and Strainers.
15. Check Nose Wheel Torque Links.
16. Check Engines and Props.
17. Check Engine Oil. Added Left 3.0 Right 3.0
18. Complete Non-Routine Sheets.
19. Enter Deferred Maintenance Items in Logbook.

PREFLIGHT COMPLETED, FLIGHT LOG CLEARED, AIRCRAFT RELEASED.

SIGNED _____ CERTIFICATE NO. _____ DATE 6/10/16

NON-ROUTINE WORKSHEET

FLIGHT LOG No.

Purpose: Recording Non-Routine Maintenance

2419

[illegible]

Date 08/03/15
 Remarks _____
☒ Functional Test
☐ Repaired
☒ Overhauled
 Serial no. WJH79019
 Part no. 5118-62
 Part name Temp. Comp.
 Owner _____
 Cust. order no. _____
 Work order no. 55469
 SERVICEABLE PART
 FAA APP REP STA NO. CC28737K
 NEW BRAUNFELS, TX 78130
 S & T AIRCRAFT
 ACCESSORIES, INC.
 #17
 6048
 17

RETURN TO SERVICE
 Part Number: 6443-P Description: HSI
 Serial Number: 618E Manufacturer: S-TEC
 This aircraft and/or component identified above was repaired & inspected in accordance with Federal Aviation Regulations and was found airworthy and is approved for return to service. Pertinent details of the work performed are on file at this repair station. Work Order: 750
 Signature: _____ Date: 17 JUL 2015
 NexAir Avionics
 Mansfield, MA 02048
 FAA Repair Station #N40R087B
 N E X A I R
 A V I O N I C S

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 55469	
4. Organization Name and Address: S & T Aircraft Accessories, Inc. [REDACTED] New Braunfels, TX. 78130					5. Work Order/Contract/Invoice Number: 55469	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Prop. Gov.	5U18-62	1	WH79019	OH	
12. Remarks: A GENERAL DISCRIPTION OF THE WORK PERFORMED IS ATTACHED AS FORM #5; UNDER THE PART DESCRIPTION LISTED IN BLOCKS 6, 7, 8, 10 AND 11 AS APPLICABLE. A COMPLETE DESCRIPTION OF WORK PERFORMED IS ON FILE AT THE ABOVE REFERENCED ORGANIZATION UNDER THE WORK ORDER REFERENCE NUMBER INDICATED IN BLOCK 5. NOTICE: An Airworthiness Directive may apply to the article(s) described hereon. The installer is responsible for ensuring complete compliance with any applicable Airworthiness Directives.						
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: [REDACTED]		14c. Approval/Certificate No.: CC2R737K
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): Mary Turner		14e. Date (dd/mm/yyyy): 03 Aug 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.						