



Transport
Canada

Transports
Canada

TP 14182
(Revised 05/2005)

Engine Logbook

POWER SECTION MODULE LOG BOOK

TC-1001185



05/2005

Canada

This Power Section module is combined with Gas Generator.

S/N: PCE- RV0462

NG/V⁰ 34850 RPM, at 850 SHP / 8 V⁰

ITT Trim: 25.4 C°

T5 Trim resistance: 40.9 Ohms

Signature

AME
ACA/AMO
SCA/AMO

R. J. DAVIES

1023

T.C. 459
NO. 004

SOCATA - DEPARTEMENT QUALITE
VERIFICATION et ENTRETIEN STOCKAGE

DAHER
SOCATA

Agrément de Production
FR - 21G - 0027

SB no 14507

DAHER
SOCATA

Agrément de Production
FR - 21G - 0027

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N930F

A/C S/N: 1113

DATE: 12/20/16

A/C TOTAL TIME: 89.0

HOUR METER: 89.0

W/O NO: MWO-16-5341

ENGINE TOTAL TIME 89.0

S.M.O.H. (CSN: 70)

1. Performed a first stage compressor FOD inspection in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05. Found to be satisfactory.

-----END-----

MAINTENANCE RELEASE
THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER
W/O# MWO-16-5341 DATE: 12/20/16 SIGNED: Richard G. Nelson
FOR Columbia Air Services, Inc. FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

Section 1: Record of engine maintenance and elementary work

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 2

A/C REG: N930F

A/C S/N: 1113

DATE: <u>1/11/17</u>	A/C TOTAL TIME: <u>108.4</u>	HOUR METER: <u>108.4</u>
W/O NO: <u>MWO-16-5350</u>	ENGINE TOTAL TIME <u>108.4</u>	S.M.O.H. (CSN: 106)

1. Complied with a First/A+/Annual Inspection in accordance with FAR Part 43 appendix D using Daher TBM 850/900 Model Maintenance Manual chapters 05-20-01, 05-20-02 and 05-20-05 as a guide. Researched AD's through Bi-Weekly 2017-01.
2. Complied with the following special checks:
 - ✕ 200 hour compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.
 - ✕ 200 hour/1 year torque limiter functional check.
 - ✕ 600 hour/1 year chip detector condition and operation.
3. Complied with minor, routine and 100 hour inspection items in accordance with P&WC PT6A-66D M.M P/N: 3070902 chapter 72-00-00 Table 601.
4. Complied with **P&WC SB No. 14473R3**, Torque limiter inspection. Inspected torque limiter pivot spring assembly per SB instructions. Found to be satisfactory. No further action required.
5. **P&WC SB No. 14511R3**, Inspection/replacement of second stage power turbine blades, does not apply by engine S/N (PCE-RV0462) and installed blades S/N's. All S/N's begin with "RW", which is not affected by SB. No action required.
6. Performed first stage compressor FOD inspection. Dressed one compressor blade in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05.
7. Performed I.T.T. (T5) internal loop and insulation resistance checks in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 77-20-01, found to be satisfactory.

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Engine Cont'd

LOG BOOK ENTRY (CONT.)

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8. Obtained oil sample and oil filter rinse patch for analysis.
9. Performed post inspection ground run and aircraft flight check. Operational and leak checks satisfactory.

-----END-----

WO NO.

MWO-16-5350

Columbia Air Services, Inc.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N. Work Order # MWO-16-5350
I certify that this Engine has been inspected in accordance with a First/A+/Annual Inspection in accordance with FAR Part 43 Appendix D using Daher TBM 850/900 Model M.M. chapters 05-20-01, 05-20-02 and 05-20-05 as a guide, and determined to be in airworthy condition. Pertinent details of the inspection are on file at this facility.
Date: 1/11/17 A/C Total Time: 108.4

Signature: Richard G. Nelson

Signature

AME
ACA/AMO
SCA/AMO

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 2

A/C REG: **N786PK**A/C S/N: **1113**

DATE: 1/16/18	A/C TOTAL TIME: 282.4	HOUR METER: 282.4
W/O NO: MWO-18-5665	ENGINE TOTAL TIME 282.4	S.M.O.H. (CSN: 208)

1. Complied with a B+/Annual Inspection in accordance with FAR Part 43 appendix D using Daher TBM 850/900 Model Maintenance Manual chapters 05-20-03 and 05-20-05 as a guide. Researched AD's through Bi-Weekly 2018-01.
2. Complied with the following special checks:
 - ✱ 200 hour compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.
 - ✱ 200 hour/1 year torque limiter functional check.
 - ✱ 600 hour fuel pump outlet filter replacement. Removed and replaced filter with new, P/N: 3059779-01.
 - ✱ 600 hour/1 year chip detector condition and operation.
3. Complied with minor, routine and 100 hour inspection items in accordance with P&WC PT6A-66D M.M P/N: 3070902 chapter 72-00-00 Table 601.
4. Complied with **P&WC SI 106-2015R2** P&WC oil analysis technology trial. Obtained oil sample and sent to P&WC for analysis..
5. Performed first stage compressor FOD inspection. Dressed one compressor blade in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05.
6. Performed I.T.T. (T5) internal loop and insulation resistance checks in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 77-20-01, found to be satisfactory.
7. Obtained oil sample and oil filter rinse patch for analysis.

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Engine Cont'd

LOG BOOK ENTRY (CONT.)

Page 2 of 2

8. Obtained oil sample and oil filter rinse patch for analysis.
9. Adjusted beta valve in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 76-10-00.
10. Performed post inspection ground run and aircraft flight check. Operational and leak checks satisfactory.

WO NO.

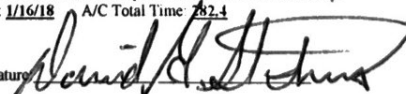
MWO-18-5665

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Columbia Air Services, Inc.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N, Work Order # **MWO-18-5665**
I certify that this **Engine** has been inspected in accordance with a
B+/Annual Inspection in accordance with FAR Part 43 Appendix D
using Daher TBM 850/900 Model M.M. chapters 05-20-03 and 05-
20-05 as a guide, and determined to be in airworthy condition.
Pertinent details of the inspection are on file at this facility.
Date: **1/16/18** A/C Total Time: **282.4**

Signature



Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
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Engine

Columbia Air Services, Inc.

Page 1 of 2

A/C REG: **N786PK**

A/C S/N: **1113**

DATE: **1/22/19**

A/C TOTAL TIME: **418.5**

HOUR METER: **418.5**

W/O NO: **MWO-19-5990**

ENGINE TOTAL TIME **418.5**

S.M.O.H. (CSN: 286)

1. Complied with an A+/Annual Inspection in accordance with FAR Part 43 appendix D using Daher TBM 930 Model Maintenance Manual chapters 05-20-02(A1) and 05-20-05(A1) as a guide. Researched AD's through Bi-Weekly 2019-02.
2. Complied with the following special checks:
 - ✖ 200 hour compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.
 - ✖ 200 hour/1 year torque limiter functional check.
 - ✖ 400 hour fuel manifold adapters. Removed and reinstalled fuel manifolds after inspection. (Cleaned and Flow Checked) Ref. Dallas Airmotive (Washington, PA). W/O# RPR51398. Reinstalled manifolds in accordance with P&WC PT6A-66D M.M. P/N: 3070902, chapter 73-11-05. Performed borescope inspection of hot section. Operational and leak checks satisfactory. **Note: P&WC SB's 14357R5 and 14495R4 were complied with at this time.**
 - ✖ 1 year fuel pump outlet filter condition and cleanliness.
 - ✖ 600 hour/1 year chip detectors condition and operation.
3. Complied with Columbia Air Services, Inc. recommended 400 hour oil change. Drained engine oil and reserviced with Aeroshell 560 turbine oil.
4. Complied with minor, routine and 100 hour inspection items in accordance with P&WC PT6A-66D M.M P/N: 3070902 chapter 72-00-00 Table 601.

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Engine Cont'd

LOG BOOK ENTRY (CONT.)

Page 2 of 2

5. Complied with **P&WC SI 106-2015R2** P&WC oil analysis technology trial. Obtained oil sample and sent to P&WC for analysis..
6. Performed first stage compressor FOD inspection in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05. Found to be satisfactory.
7. Performed I.T.T. (T5) internal loop and insulation resistance checks in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 77-20-01, found to be satisfactory.
8. Obtained oil sample and oil filter rinse patch for analysis by Aviation Laboratories.
9. Applied Procyon corrosion inhibitor to compressor inlet case in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-00-00/
10. Removed and replaced beta feedback carbon block with new, P/N: A-3026.
11. Lubricated alternator drive in accordance with Daher TBM 930 Model M.M. chapter 24-30-06.
12. Removed and replaced stand-by generator belt with new, P/N: 7133280007 in accordance with Daher TBM 930 Model M.M. chapter 24-30-05.
13. Performed post inspection ground run and aircraft flight check. Operational and leak checks satisfactory.

-----END-----

Columbia Air Services, Inc.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N. Work Order # **MWO-19-5990**
I certify that this **Engine** has been inspected in accordance with an **A+/Annual** Inspection in accordance with FAR Part 43 Appendix D using Daher TBM 930 Model M.M. chapters 05-20-02(A1) and 05-20-05(A1) as a guide, and determined to be in airworthy condition. Pertinent details of the inspection are on file at this facility.
Date: **1/22/19** A/C Total Time: **418.5**

Signature: 

WO NO.

MWO-19-5990

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1

ME
/AMO
/AMOA/C REG: N786PKA/C S/N: 1113DATE: 3/1/19A/C TOTAL TIME: 448.8HOUR METER: 448.8W/O NO: MWO-19-6036ENGINE TOTAL TIME 448.8

S.M.O.H. (CSN: 225)

1. Performed a compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.

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MAINTENANCE RELEASE

THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

W/O# MWO-19-6036DATE: 3/1/19SIGNED: Mark [Signature]

FOR Columbia Air Services, Inc. FAA CERTIFIED REPAIR STATION # S03R204N GROTON, CT 06340

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 2

A/C REG: N900RJA/C S/N: 1113DATE: 10/22/19A/C TOTAL TIME: 620.8HOUR METER: 620.8W/O NO: MWO-19-6224ENGINE TOTAL TIME 620.8

S.M.O.H. (CSN: 478)

1. Complied with Daher 1 year fuel pump outlet filter special check. Removed and replaced filter with new, P/N: 3059779-01.
2. Complied with Daher 200 hour ignition exciter special check.
3. Complied with Daher 200 hour ignition cables special check.
4. Complied with Daher 200 hour spark igniters cleanliness and erosion special check.
5. Complied with Daher 200 hour spark igniters operational test special check.
6. Complied with P&WC SB No. 14507R2, Inspection FCU interconnect rod. Inspected and found interconnect rod safeties properly installed. No further action required.
7. Performed first stage compressor FOD inspection in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05.
8. Performed I.T.T. (T5) internal loop and insulation resistance checks in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 77-20-01, found to be satisfactory.
9. Performed a compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.
10. Obtained oil sample and oil filter rinse patch for analysis.
11. Applied chafe protection between ignition leads and oil tubes.
12. Lubricated alternator drive in accordance with Daher TBM 930 M.M. chapter 24-30-06.

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Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
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Engine Cont'd

LOG BOOK ENTRY (CONT.)

- 13. Removed and replaced alternator drive garloc seal with new. P/N: 3022375. Operational and leak check satisfactory. Work performed in accordance with TBM 930 M.M. chapters 21-55-01, 24-30-05, 24-30-06 and P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-60-00.
- 14. Researched AD's through Bi-Weekly 2019-21.
- 15. Performed engine ground runs and aircraft flight check, operational and leak check satisfactory.

-----END-----

MAINTENANCE RELEASE

THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

W/O# MWO-19-6224 DATE 10/22/19 SIGNED *Mark S. Gunn*

FOR Columbia Air Services, Inc. FAA CERTIFIED REPAIR STATION # S05R204N GROTON, CT 06340

Engine		Columbia Air Services, Inc.		Page 1 of 2
A/C REG: <u>N900RJ</u>		LOG BOOK ENTRY		A/C S/N: <u>1113</u>
DATE: <u>7/29/20</u>	A/C TOTAL TIME: <u>827.9</u>	HOUR METER: <u>827.9</u>		
W/O NO: <u>MWO-20-6416/6419</u>	ENGINE TOTAL TIME <u>827.9</u>	S.M.O.H. (CSN: 653)		

- 1. Complied with an A Inspection in accordance with Daher TBM 930/940 M.M. chapters 05-20-02(A1) and 05-20-05(A1). Researched AD's through Bi-Weekly 2020-15.
- 2. Complied with the following special checks:
 - * 200 hour compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.
 - * 400 hour fuel manifold adapters. Removed and reinstalled fuel manifolds after inspection. (Cleaned and Flow Checked) Ref. Dallas Airmotive (Washington, PA). W/O# RPR55263. Reinstalled manifolds in accordance with P&WC PT6A-66D M.M. P/N: 3070902, chapter 73-11-05. Performed borescope inspection of hot section. Operational and leak checks satisfactory. **Note: P&WC SB's 14357R5 and 14495R5 were complied with at this time.**
 - * 200 hour ignition exciter condition and attachment.
 - * 200 hour ignition cables routing, attachment and wear.
 - * 200 hur spark igniters cleanliness and erosion.
 - * 200 hour spark igniters operational test.
- 3. Complied with Columbia Air Services, Inc. recommended 400 hour oil change. Drained engine oil and reserviced with Aeroshell 560 turbine oil.
- 4. Complied with minor, routine and 100 hour inspection items in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-00-00 Table 601.

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Signature

AME
ACA/AMO
SCA/AMO

Engine Cont'd

LOG BOOK ENTRY (CONT.)

Page 2 of 2

5. Performed first stage compressor FOD inspection in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05.
6. Performed I.T.T. (T5) internal loop and insulation resistance checks in accordance with P&WC PT6A-66D P/N: 3070902 M.M. chapter 77-20-01. found to be satisfactory.
7. Obtained oil sample and oil filter rinse patch for analysis by Aviation Laboratories.
8. Cleaned and treated surface corrosion on reduction gearbox at the propeller seal drain boss in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-10-00.
9. Removed and replaced right ignition lead with new, P/N: CH53399-06. Operational check satisfactory.
10. Lubricated alternator drive in accordance with Daher TBM 930/940 M.M. chapter 24-30-06.
11. Performed post inspection ground run. Operational and leak checks satisfactory.

WO NO.

MWO-20-6416/6419

This is to verify the A Inspection has been accomplished in accordance with the Manufacturers Program approved under FAR 91.409(F)3. All maintenance performed on the aircraft identified above has been performed in accordance with the appropriate manufacturers maintenance manuals and the current Federal Aviation Regulations. Any necessary operational/leak checks have been accomplished in accordance with the manufacturers instructions. The above mentioned aircraft is certified to be airworthy in respect to the work performed and is approved for return to service.

-----END-----

Columbia Air Services, Inc.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SOSR204N. Work Order # MWO-20-6416/6419
I certify that this Engine has been inspected in accordance with an
A Inspection in accordance with Daher TBM 930/940 M.M.
chapters 05-20-02(A1) & 05-20-05(A1), and determined to be in
airworthy condition. Pertinent details of the inspection are on file at
this facility.
Date: 7/29/20 A/C Total Time: 827.9

Signature



Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 2

A/C REG: N900RJA/C S/N: 1113DATE: 11/23/20A/C TOTAL TIME: 880.0HOUR METER: 880.0W/O NO: MWO-20-6427ENGINE TOTAL TIME 880.0

S.M.O.H.

1. Complied with a B+/Annual Inspection in accordance with FAR Part 43 appendix D using Daher TBM 930/940 Maintenance Manual chapters 05-20-03(A1) and 05-20-05(A1) as a guide. Researched AD's through Bi-Weekly 2020-24.
2. Complied with the following special checks:
 - * 200 hour compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.
 - * 1 year fuel pump outlet filter condition and cleanliness. Removed and replaced filter with new, P/N: 3059779-01.
 - * 1000 hour P3 filter replacement. Removed and replaced filter with new, P/N: 3059788-01.
 - * 200 hour ignition exciter condition and attachment.
 - * 200 hour ignition cables routing, attachment and wear.
 - * 200 hour spark igniters cleanliness and erosion.
 - * 200 hour spark igniters operational test.
 - * 1000 hour oil filter replacement. Removed and replaced filter with new, P/N: 3059258-01.
 - * 600 hour/1 year chip detectors condition and operation.
 - * 1000 hour accessory gearbox internal scavenge pump inlet screen condition and cleanliness.
3. Complied with minor, routine and 100 hour inspection items in accordance with P&WC PT6A-66D M.M P/N: 3070902 chapter 72-00-00 Table 601.

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Engine Cont'd

LOG BOOK ENTRY (CONT.)

Page 2 of 2

WO NO.

MWO-20-6427

4. Performed first stage compressor FOD inspection in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05. Blended minor nicks on blades as required.
5. Performed I.T.T. (T5) internal loop and insulation resistance checks in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 77-20-01, found to be satisfactory.
6. Obtained oil sample and oil filter rinse patch for analysis by Aviation Laboratories.
7. Performed borescope inspection of hot section in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-00-00. Found to be satisfactory.
8. Removed and replaced beta feedback carbon block with new, P/N: A-3026.
9. Lubricated alternator drive in accordance with Daher TBM 930 Model M.M. chapter 24-30-06.
10. Performed post inspection ground run and aircraft flight check. Operational and leak checks satisfactory.

-----END-----

Columbia Air Services, Inc.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N. Work Order # MWO-20-6427
I certify that this Engine has been inspected in accordance with a
B+ Annual inspection in accordance with FAR Part 43 Appendix D
using Daher TBM 930/940 M.M. chapters 05-20-03(A1) and 05-20-
05(A1) as a guide, and determined to be in airworthy condition.
Pertinent details of the inspection are on file at this facility.
Date: 11/23/20 A/C Total Time: 880.0

Signature: Richard G. Nelson

In Line Aviation Group

W0062921-087

Make/Model: PT6A-66D2	S/N: PCE-RV0462	Reg.# N900RJ	TTAF: 1080.5	TIAE: 1080.5	Cycles: 738	APU HOBBS:
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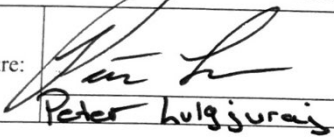
The following maintenance was performed in reference to Manufacturers Maintenance Manual:

1. C/W CAMP Card 05-70-CA-890-801 No. 1 engine – minor inspection.
2. C/W CAMP Card No.1 engine - clean Pneumatic P3 filter
3. C/W CAMP Card No.1 engine – clean/inspect P3 Filter drain valve housing assembly

The following serialized parts were replaced

Description	P/N off	S/N off	P/N on	S/N On	Status

The aircraft, engine, APU, and/or component identified above was repaired, serviced, and/or inspected in accordance with Tailwind Air LLC General Maintenance Manuals, CAMP program and Manufacture's Recommended Inspection Program as required by 14 CFR FAR 135.411(a)(2) and has been determined to be in airworthy condition and is approved for return to service with respect to the work

Signature:  Peter Bulgjuraj	A&P 4267056	Date: July 1, 2021
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accomplished.

Page 1 of 1

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
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Engine		Columbia Air Services, Inc.		Page 1 of 2
A/C REG: <u>N900RJ</u>		A/C S/N: <u>1113</u>		
DATE: <u>9/29/21</u>	A/C TOTAL TIME: <u>1221.6</u>	HOUR METER: <u>1221.6</u>		
W/O NO: <u>MWO-21-6718</u>	ENGINE TOTAL TIME <u>1221.6</u>	S.M.O.# (CSN: 794)		
<p>1. Complied with a C+/Annual Inspection in accordance with FAR Part 43 appendix D using Daher TBM 930/940 Maintenance Manual chapters 05-20-04(A1) and 05-20-05(A1) as a guide. Researched AD's through Bi-Weekly 2021-20.</p> <p>2. Complied with the following special checks:</p> <ul style="list-style-type: none">✱ 200 hour compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.✱ 400 hour fuel manifold adapters. Removed and reinstalled fuel manifolds after inspection. (Cleaned and Flow Checked) Ref. Dallas Airmotive (Washington, PA). W/O# RPR58048. Reinstalled manifolds in accordance with P&WC PT6A-66D M.M. P/N: 3070902, chapter 73-11-05. Performed borescope inspection of hot section. Operational and leak checks satisfactory. Note: P&WC SB's 14357R5 and 14495R5 were complied with at this time.✱ 600 hour fuel pump inlet screen condition and cleanliness.✱ 1 year fuel pump outlet filter condition and cleanliness. Removed and replaced filter with new, P/N: 3059779-01.✱ 600 hour/1 year chip detectors condition and operation. <p>3. Complied with Columbia Air Services, Inc. recommended 400 hour oil change. Drained engine oil and reserviced with Aeroshell 560 turbine oil.</p> <p>4. Complied with minor, routine and 100 hour inspection items in accordance with P&WC PT6A-66D M.M P/N: 3070902 chapter 72-00-00 Table 601.</p> <p>-----CONTINUED-----</p>				

Engine Cont'd	LOG BOOK ENTRY (CONT.)	Page 2 of 2		
<p>5. Performed first stage compressor FOD inspection in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05. Blended minor nicks on blades as required.</p> <p>6. Performed I.T.T. (T5) internal loop and insulation resistance checks in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 77-20-01, found to be satisfactory.</p> <p>7. Obtained oil sample and oil filter rinse patch for analysis by Aviation Laboratories.</p> <p>8. Removed and replaced beta feedback carbon block with new, P/N: A-3026.</p> <p>9. Removed and replaced inertial particle separator door with new, P/N: T700H6006000300.</p> <p>10. Performed post inspection ground run and aircraft flight check. Operational and leak checks satisfactory.</p> <p>-----END-----</p>		<table><tr><td>WO NO.</td></tr><tr><td>MWO-21-6718</td></tr></table>	WO NO.	MWO-21-6718
WO NO.				
MWO-21-6718				
<div><p>Columbia Air Services, Inc. GROTON-NEW LONDON AIRPORT GROTON, CONNECTICUT 06340</p><p>FAA Repair Station #SO5R204N. Work Order # <u>MWO-21-6718</u></p><p>I certify that this <u>Engine</u> has been inspected in accordance with a <u>C+/Annual</u> Inspection in accordance with FAR Part 43 Appendix D using Daher TBM 930/940 M.M. chapters 05-20-04(A1) and 05-20-05(A1) as a guide, and determined to be in airworthy condition. Pertinent details of the inspection are on file at this facility.</p><p>Date: <u>9/29/21</u> A/C Total Time: <u>1221.6</u></p><p>Signature: <u>Richard G. Nelson</u></p></div>				

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N900RJ

A/C S/N: 1113

DATE: 9/29/21

A/C TOTAL TIME: 1221.6

HOUR METER: 1221.6

W/O NO: MWO-21-6718

ENGINE TOTAL TIME 1221.6

S.M.O.H.
(CSN: 794)

1. The following Daher special checks were performed during the C+/Annual inspection but were omitted from the entry:

- ✕ 400 hour ignition exciter condition and attachment.
- ✕ 400 hour ignition cables routing, attachment and wear.
- ✕ 400 hour spark igniters cleanliness and erosion.
- ✕ 400 hour spark igniters operational test.

-----END-----

MAINTENANCE RELEASE

THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

W/O# MWO-21-6718 DATE: 9/29/21 SIGNED: 

FOR **Columbia Air Services, Inc.** FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

Se **CAMP**

Engine No. 1 Logbook
3071016-01 - PT6A-66D2, S/N PCE-RV0462
Facility:
Airframe Hours: 1408.2
Airframe Flts: 0
Eng# 1 Hours: 1408.2

WO: 060722-0R1
Certificate #:
Airframe Cycles/Ldgs:
Eng# 1 Enc:

08-Jun-2
AP 426705
98P
98S

THE FOLLOWING INSPECTION ITEMS / TASKS WERE ACCOMPLISHED:

TASK NUMBER	DESCRIPTION
1	05-70-CA-890-801 NO. 1 ENGINE - MINOR INSPECTION
2	73-30-CA-100-802 NO. 1 ENGINE - CLEAN/INSPECT P3 FILTER DRAIN VALVE HOUSING ASSEMBLY

The aircraft, engine, APU, and/or component identified above was repaired, serviced, and/or inspected in accordance with Tailwind Air LLC General Maintenance Manuals, CAMP program and Manufacturer's Recommended Inspection Program as required by 14 CFR FAR 135.411(a)(2) and has been determined to be in airworthy condition and is approved for return to service with respect to the work accomplished.

Work Performed By: Peter Lulguraj

Certificate #: AP 4267056

Work Inspected By:

Certificate #:

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 2

A/C REG: N900RJ

A/C S/N: 1113

DATE: 10/19/22

A/C TOTAL TIME: 1462.8

HOUR METER: 1462.8

W/O NO: MWO-22-7034

ENGINE TOTAL TIME 1462.8

S.M.O.H. (CSN: 1044)

- Complied with a B+/Annual Inspection in accordance with FAR Part 43 appendix D using Daher TBM 930/940 Maintenance Manual chapters 05-20-03(A1) and 05-20-05(A1) as a guide. Researched AD's through Bi-Weekly 2022-21.
- Complied with the following special checks:
 - ✳ 200 hour compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.
 - ✳ 400 hour fuel manifold adapters. Removed and reinstalled fuel manifolds after inspection. (Cleaned and Flow Checked) Ref. Dallas Airmotive (Washington, PA). W/O# RPR60658. Reinstalled manifolds in accordance with P&WC PT6A-66D M.M. P/N: 3070902, chapter 73-11-05. Performed borescope inspection of hot section. Operational and leak checks satisfactory. **Note: P&WC SB's 14357R5 and 14495R6 were complied with at this time.**
 - ✳ 1 year fuel pump outlet filter condition and cleanliness. Removed and replaced filter with new, P/N: 3059779-01.
 - ✳ 400 hour ignition exciter condition and attachment.
 - ✳ 400 hour ignition cables routing, attachment and wear.
 - ✳ 400 hour spark igniters cleanliness and erosion.
 - ✳ 400 hour spark igniters operational test.
 - ✳ 600 hour/1 year chip detectors condition and operation.
- Complied with minor, routine and 200 hour inspection items in accordance with P&WC PT6A-66D M.M P/N: 3070902 chapter 72-00-00 Table 601,

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Engine Cont'd

LOG BOOK ENTRY (CONT.)

Page 2 of 2

4. Performed first stage compressor FOD inspection in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05. Blended minor nicks on blades as required.
5. Performed I.T.T. (T5) internal loop and insulation resistance checks in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 77-20-01, found to be satisfactory.
6. Obtained oil sample and oil filter rinse patch for analysis by Aviation Laboratories.
7. Performed post inspection ground run and aircraft flight check. Operational and leak checks satisfactory.

WO NO.

MWO-22-7034

-----END-----

Columbia Air Services, Inc.
GROTON NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N Work Order # MWO-22-7034
I certify that this Engine has been inspected in accordance with a
B+/Annual inspection in accordance with FAR Part 43 Appendix D
using Daher TBM 930/940 M.M. chapters 05-20-03(A1) and 05-20-
05(A1) as a guide, and determined to be in airworthy condition.
Pertinent details of the inspection are on file at this facility.

Date: 10/19/22 A/C Total Time: 1462.8Signature: 

Engine

Columbia Air Services, Inc.

Page 1 of 2

LOG BOOK ENTRY

A/C REG: N900RJA/C S/N: 1113DATE: 9/19/23A/C TOTAL TIME: 1554.9HOUR METER: 1554.9W/O NO: MWO-23-7292ENGINE TOTAL TIME 1554.9

S.M.O.H.

1. Complied with an A+/Annual Inspection in accordance with FAR Part 43 appendix D using Daher TBM 930/940 Maintenance Manual chapters 05-20-03(A1) and 05-20-05(A1) as a guide. Researched AD's through Bi-Weekly 2023-19.
2. Complied with the following special checks:
 - * 200 hour compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.
 - * 400 hour fuel manifold adapters. Removed and reinstalled fuel manifolds after inspection. (Cleaned and Flow Checked) Ref. Standard Aero LLC (Washington, PA). W/O# RPR62614. Reinstalled manifolds in accordance with P&WC PT6A-66D M.M. P/N: 3070902, chapter 73-11-05. Performed borescope inspection of hot section. Operational and leak checks satisfactory. **Note: P&WC SB's 14357R5 and 14495R6 were complied with at this time.**
 - * 1 year fuel pump outlet filter condition and cleanliness. Removed and replaced filter with new, P/N: 3059779-01.
 - * Complied with Columbia Air Services, INC recommended 200 hour spark igniter inspection.
 - * 600 hour/1 year chip detectors condition and operation.
3. Complied with minor, routine and 200 hour inspection items in accordance with P&WC PT6A-66D M.M P/N: 3070902 chapter 72-00-00 Table 601.
4. Performed first stage compressor FOD inspection in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05.

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Page 7

5. Performed I.T.T. (T5) internal loop and insulation resistance checks in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 77-20-01, found to be satisfactory.
6. Obtained oil sample and oil filter rinse patch for analysis by Aviation Laboratories.
7. Replaced exhaust stack washers QTY: 24 with new, P/N 5741513325.
8. Complied with P&WC SB NO. 14511R4, does not apply by SN, no action required.
9. Performed post inspection ground run and aircraft flight check. Operational and leak checks satisfactory.

-----END-----

Columbia Air Services, Inc.
GORTON NEW JERSEY AIRPORT
GORTON, NEW JERSEY 07030

FAA Repair Station #0019204N Work Order # 1589.5
I certify that this **Engine** has been inspected in accordance with an
A-2 Annual Inspection in accordance with FAR Part 43 Appendix D
using Oshes TBM 910/910 M.M. chapters 04-20-01(A1) and 05-20-
05(A1) as a guide and determined to be in airworthy condition.
Pertinent details of the inspection are on file at this facility.
Date: 9/19/23 A/C Total Time: 1589.5
Signature: *Paul H. Shulman*

CAMP

873 ROUTE 45, SUITE 101
NEW CITY, NY, USA, 10956

REGISTRATION: N900RJ
ENG #1 PART: 3071016-01
PROP #1 PART: HC-E5N-3C/NC8834K
DATE: 26-Feb-24

MODEL: TBM 930
ENG #1 MODEL: PT6A-66D2
PROP #1 MODEL: HC-E5N-3C
WORKORDER #: 022624-0RJ

S/N: 1113
ENG #1 S/N: PCE-RV0462
PROP #1 S/N: RJ14

FACILITY: INLINE AVIATION GROUP

CERTIFICATE #:

TITLE

A/C	HRS:	AFL:	FLTS:				
ENG 1	HRS: 1589.5	ENC: 1153					
PROP 1	HRS:						

ENGINE NO. 1

THE FOLLOWING MAINTENANCE WAS ACCOMPLISHED:

TASK NUMBER	DESCRIPTION
1 FAA 2024-04-51-E	NO. 1 ENGINE - EMERGENCY AD - SECOND-STAGE POWER TURBINE (PT2) BLADE FAILURE MOC: NOT APPLICABLE - NOT APPLICABLE BY SERIAL NUMBER Effective Date: 16-FEB-2024
2 PT6A-72-A14574 R01	NO. 1 ENGINE - INSPECTION/REPLACEMENT OF SECOND-STAGE POWER-TURBINE BLADES, ALERT SERVICE BULLETIN MOC: NOT APPLICABLE - NOT APPLICABLE BY SERIAL NUMBER

The aircraft, engine, APU, and/or component identified above was repaired, serviced, and/or inspected in accordance with Tailwind Air LLC General Maintenance Manuals, CAMP program and Manufacture's Recommended Inspection Program as required by 14 CFR FAR 135.411(a)(2) and has been determined to be in airworthy condition and is approved for return to service with respect to the work accomplished.

Work Performed By: *[Signature]*

Certificate #:

A: P3819952

Work Inspected By: _____

Certificate #: _____

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 2

A/C REG: N900RJ

A/C S/N:

1113

DATE: 10/10/24

A/C TOTAL TIME: 1644.3

HOUR METER: 1644.3

W/O NO: MWO-24-7649

ENGINE TOTAL TIME 1644.3

S.M.O.H. (CSN: 857)

1. Complied with a C+/Annual Inspection in accordance with FAR Part 43 appendix D using Daher TBM 930/940 M.M. chapters 05-20-04(A1) and 05-20-05(A1) as a guide. Researched AD's through Bi-Weekly 2024-21.
2. Complied with the following special checks:
 - ✕ 200 hour compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.
 - ✕ 1 year fuel pump outlet filter condition and cleanliness. Removed and replaced filter with new, P/N: 3059779-01.
 - ✕ 600 hour/1 year chip detectors condition and operation.
3. Complied with Columbia Air Services, Inc. recommended 200 hour spark igniters inspection. Found to be satisfactory.
4. Complied with minor, routine and 200 hour inspection items in accordance with P&WC PT6A-66D M.M P/N: 3070902 chapter 72-00-00 Table 601.
5. Complied with **P&WC Alert SB No. A14575R2**, Inspection/replacement of single-engine application first-stage PT blades. Researched aircraft records and confirmed engine had not been repaired or overhauled between June 1, 2023 and June 13, 2024. No action required.
6. Performed first stage compressor FOD inspection in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05. Found to be satisfactory.
7. Performed I.T.T. (T5) internal loop and insulation resistance checks in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 77-20-01. Found to be satisfactory.

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Engine Cont'd

LOG BOOK ENTRY (CONT.)

Page 2 of 2

8. Obtained oil sample and oil filter rinse patch for analysis by Aviation Laboratories.
9. Performed post maintenance ground run and aircraft flight check. Operational and leak checks satisfactory.

WO NO.

MWO-24-7649

-----END-----

Columbia Air Services, Inc.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N. Work Order # MWO-24-7649
I certify that this Engine has been inspected in accordance with a
C+/Annual Inspection in accordance with FAR Part 43 Appendix D
using Daher TBM 930/940 M.M. chapters 05-20-04(A1) and 05-20-
05(A1) as a guide and determined to be in airworthy condition.
Pertinent details of the inspection are on file at this facility.
Date: 10/10/24 A/C Total Time: 1644.3

Signature: [Signature]
Title: Inspector

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1


A/C REG: N900RJA/C S/N: 1113

DATE: 3/18/25	A/C TOTAL TIME: 1689.6	HOUR METER: 1689.6
W/O NO: MWO-25-7774	ENGINE TOTAL TIME 1689.6	S.M.O.H.

1. Removed and replaced propeller governor with an overhauled unit, P/N: 8210-007-01 S/N: 14098746. Ref. Redline Aviation (Akron, CO) W/O# 5149. Adjusted governor as required. Operational and leak checks satisfactory. Work performed in accordance with Daher TBM 930/940 M.M. chapter 61-40-01 and P&WC PT6A-66D M.M. P/N: 3070902 chapters 61-20-00 and 71-00-00. (S/N removed: 20150936)
2. Performed engine ground runs. Operational and leak checks satisfactory.

-----END-----

MAINTENANCE RELEASE
THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

W/O# MWO-25-7774 DATE: 3/18/25 SIGNED: FOR **Columbia Air Services, Inc.** FAA CERTIFIED REPAIR STATION # S05R204N GROTON, CT 06340

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 2

A/C REG: N900RJA/C S/N: 1113

DATE: 10/30/25	A/C TOTAL TIME: 1768.8	HOUR METER: 1768.8
W/O NO: MWO-25-7980	ENGINE TOTAL TIME 1768.8	S.M.O.H.

1. Complied with a A+/Annual Inspection in accordance with FAR Part 43 appendix D using Daher TBM 930/940 M.M. chapters 05-20-02(A1) and 05-20-05(A1) as a guide. Researched AD's through Bi-Weekly 2025-21.
2. Complied with the following special checks:
 - * 200 hour compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.
 - * 600 hour fuel pump inlet screen condition and cleanliness.
 - * 1 year fuel pump outlet filter condition and cleanliness. Removed and replaced filter with new, P/N: 3059779-01.
 - * 400 hour ignition exciter condition and attachment.
 - * 400 hour ignition cables routing, attachment and wear.
 - * 400 hour spark igniters cleanliness and erosion. Removed and replace left and right spark igniters with new, P/N: 3032096.
 - * 400 hour spark igniters operational test.
 - * 600 hour/1 year chip detectors condition and operation.
3. Complied with minor, routine and 200 hour inspection items in accordance with P&WC PT6A-66D M.M P/N: 3070902 chapter 72-00-00 Table 601.
4. Performed first stage compressor FOD inspection in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05. Found to be satisfactory.

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Engine Cont'd

LOG BOOK ENTRY (CONT.)

Page 2 of 2

5. Performed I.T.T. (T5) internal loop and insulation resistance checks in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 77-20-01. Found to be satisfactory.
6. Obtained oil sample and oil filter rinse patch for analysis by Aviation Laboratories.
7. Cleaned and treated surface corrosion on engine mounts hardware.
8. Blended minor erosion on compressor inlet blades in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05.
9. Cleaned and treated surface corrosion on compressor inlet case flange and hardware.
10. Performed post maintenance ground run and aircraft flight check. Operational and leak checks satisfactory.

WO NO.

MWO-25-7980

-----END-----

Columbia Air Services, Inc.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N. Work Order # MWO-25-7980
I certify that this Engine has been inspected in accordance with a
A+/Annual inspection in accordance with FAR Part 43 Appendix D
using Daher TBM 930/940 M.M. chapters 05-20-02(A1) and 05-20-
05(A1) as a guide and determined to be in airworthy condition.
Pertinent details of the inspection are on file at this facility.
Date: 10/30/25 A/C Total Time: 1768.8

Signature: _____
Title: Inspector