

N900RJ

LIVRET D'AÉRONEF
AIRCRAFT LOG BOOK



I certify that the altimeters and static system tests required by 14CFR § 91.411 and transponders tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

Air data computer N°1 - GDC 74B / 011-01110-01 S/N : 1SW006787

Air data computer N°2 - GDC 74B / 011-01110-01 S/N : 1SW006789

Transponder N°1 - GTX 33 ES / 011-0779-30 S/N : 89130456

Transponder N°2 - GTX 33 ES / 011-0779-30 S/N : 89130482

Horizon secours MD302 / 6420302-1 S/N : K15-12024

The altimeters were tested to 35000 feet on : 20-Jan-2016

The transponders were tested on : 21-Jan-2016

Static system leak test on : 20-Jan-2016

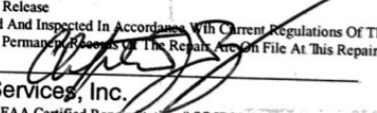
S/N 1113

VISA :



SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

2

Dates	Temps de vol depuis la précédente opération d'entretien Duration of flight since last maintenance operation	Heures totales Hours since manufacture	Heures depuis entretien majeur Hours since major maintenance	Nombre d'atterrissages Number of landings	Motif de l'entretien Maintenance motive
<div style="text-align: center;"> Airframe N930F LOG BOOK ENTRY </div> <div style="text-align: right;"> Page 1 of 1 1113 </div> <div style="display: flex; justify-content: space-between;"> <div>A/C REG: _____</div> <div>A/C S/N: _____</div> </div> <div style="display: flex; justify-content: space-between;"> <div>DATE: 01/04/2017</div> <div>A/C TOTAL TIME: _____</div> <div>HOUR METER: 108.4</div> </div> <div style="display: flex; justify-content: space-between;"> <div>W/O NO: A-16-3910</div> <div>ENGINE TOTAL TIME _____</div> <div>S.M.O.H. _____</div> </div> <div style="margin-top: 10px;"> <p>1. Installed wiring provisions for portable battery minder Operational check satisfactory.</p> <p style="text-align: center;">- END -</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center; font-size: small;">Maintenance Release</p> <p style="text-align: center; font-size: x-small;">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:</p> <p style="text-align: center;">W/O# <u>A-16-3910</u> Date: <u>01/04/2017</u> Signed: </p> <p style="text-align: center;">Columbia Air Services, Inc.</p> <p style="text-align: center; font-size: x-small;">Groton-New London Airport Groton, CT 06340 FAA Certified Repair Station # SO5R204N</p> </div> </div>					

Airframe**Columbia Air Services, Inc.
LOG BOOK ENTRY**

Page 1 of 3

A/C REG: **N930F**A/C S/N: **1113**DATE: **1/11/17**A/C TOTAL TIME: **108.4**HOUR METER: **108.4**W/O NO: **MWO-16-5219**ENGINE TOTAL TIME **108.4**

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:
 - ✕ 1 year spoiler and aileron cable assembly on wing, rudder cables and elevator trim tab control cables tension and safetying of turnbuckles.
 - ✕ 1 year gaseous oxygen system condition, attachment, and operational test.
 - ✕ 1 year Concorde lead acid battery (initial) capacity check. Removed, boost charged, and performed discharge capacity check of battery, P/N: RG-380E/44, S/N: 40749913. Battery passed capacity check. Charged and reinstalled battery. Work performed in accordance with Concorde Drawing: 5-0171 Rev. N.
 - ✕ 1 year propeller assembly inspection. Removed and reinstalled propeller, P/N: HC-E5N-3C S/N: RJ190, after grease leak repair. Ref. Hartzell Service Center (Piqua, OH) W/O# 11597. Torqued and safetied hardware. Work performed in accordance with Hartzell Propeller Owner's Manual #147 chapter 61-00-47.
See propeller log for further details.
 - ✕ 400 hour/1 year propeller lubrication.
 - ✕ 600 hour/1 year beta ring and carbon block dimensional check.
 - ✕ 1 year electronic standby indicator (ESI-2000) battery capacity meter calibration.
 - ✕ 1 year passenger masks, gaseous oxygen, inspection and cleaning.
 - ✕ 1 year B35, B36, and B37 servo-actuators cable condition and tension checks.

-----CONTINUED-----

LOG BOOK ENTRY (CONT.)

- ✕ 1 year B35, B36, B37, and B38 servo-actuators slip clutch manual override check.
- ✕ 1 year drain under floor condition, cleanliness, and attachment check.
- ✕ 1 year water separator filter condition and cleanliness.
- ✕ 1 year left and right wing flap roller lubrication.
- ✕ 1 year nose and main landing gear condition and leak check.
- ✕ 1 year nose and main landing gear axle lubrication.
- ✕ 1 year nose and main landing gear wheel bearings inspection and lubrication.
- ✕ 1 year LH and RH main and nose landing gear shock-absorber inflation pressure check.
- ✕ 1 year post inspection flight check.

WO NO.

MWO-16-5350

3. Inspected ELT in accordance with FAR 91.207d, found to be satisfactory. **Battery replacement due: JAN. 2022.**
4. Complied with **AD 2002-19-01** amend. 39-12881 dated 10/29/02. Performed a test of the pilot and right-hand (RH) station control wheels in accordance with **Socata SB 70-095**, found to be satisfactory. **Next inspection due: Every time the flight control system undergoes maintenance.**
5. **AD 2015-08-07** amend. 39-18143 dated 6/16/15, Zodiac Aerotechnics oxygen mask inflatable harness, does not apply by installed masks manufacture date (12/2015). No action required.
6. **AD 2015-23-09** amend. 39-18325 dated 12/28/15, Zodiac Aerotechnics oxygen mask regulators, does not apply by installed masks P/N (MC10-02-121) and S/N's (B105814, B105820). No action required.
7. **AD 2016-11-20** amend. 39-18547 dated 7/15/16, B/E Aerospace protective breathing equipment P/N: 119003-11, does not apply. Aircraft is not equipped with affected equipment. No action required.
8. Complied with **Socata SB 70-118 Amend. 1**, "SAGEM/AVIAC" flap actuator. Cleaned and lubricated flap actuator rods per Paragraph C. **Paragraph C next due: 308.4 ACTT or 1/31/18.**
9. Inserted TR's 20,21,23,24 and 26 in Pilot's Operating Handbook (POH).
10. Serviced oxygen system as required with Aviators Breathing Oxygen.
11. Applied chafe protection to forward propeller spinner bulkhead.
12. Resaftied torque transducer and vent line B-nuts.

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LOG BOOK ENTRY (CONT.)

13. Installed new nose jack point placard, P/N: T700A1120014100.
14. Removed and replaced emergency exit window exterior placard with new, P/N: T700A112000810300.
15. Replaced two (2) pins on manual fuel selector LED ring connector. Operational check satisfactory.
16. Applied chafe protection to left and right main actuator retraction hoses.
17. Performed post inspection ground run. 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 Airframe 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: 1/11/17A/C Total Time: 108.4

Signature:

Richard G. Nelson

05/18/2017

N786PK
TBM 700
Serial Number 1113

This date Registration Number on the above identifies aircraft was changed from the previously issued Registration Number N930F.

Aircraft was inspected and found to meet the requirements of 14 CFR 45.21, 45.25 and 45.29

A copy of FAA form 8050-64 is aboard aircraft pending receipt of revised certificate of registration.

-----END-----


Stephen M Kelly DART-801025NE

Airframe

**Columbia Air Services, Inc.
LOG BOOK ENTRY**

Page 1 of 1

A/C REG: N786PK (N930F)

A/C S/N: 1113

DATE: 5/18/17

A/C TOTAL TIME: 179.8

HOUR METER: 179.8

W/O NO: MWO-17-5479

ENGINE TOTAL TIME 179.8

S.M.O.H.

1. Removed aircraft's original Registration Number (N930F) and applied Special Registration Number (N786PK). Removed Registration Number placard from instrument panel and installed new placard reflecting Special Registration Number (N786PK). Reprogrammed transponders to reflect Special Registration Number (N786PK). See FAA Form 8050-64, Assignment of Special Registration Numbers, dated February 24, 2017.

Note: A copy of FAA Form 8050-64, Assignment of Special Registration Numbers, dated February 24, 2017 is to be carried in this aircraft with the current Registration Certificate pending issue of a revised Registration Certificate.

-----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-17-5479 DATE: 5/18/17 SIGNED: 

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

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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Dates Dates	Temps de vol depuis la précédente opé- ration d'entretien Duration of flight since last maintenance operation	Heures totales Hours since manufacture	Heures depuis entretien majeur Hours since major maintenance	Nombre d'atterrissages Number of landings	Motif de l'entretien Maintenance motive																																																																																																																
<div style="text-align: center;"> Airframe </div> <div style="display: flex; justify-content: space-between;"> <div> A/C REG: <u>N786PK</u> </div> <div> A/C S/N: <u>1113</u> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> DATE: <u>01/09/2018</u> </div> <div> A/C TOTAL TIME: </div> <div> HOUR METER: <u>144.2</u> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> W/O NO: <u>A-18-4125</u> </div> <div> ENGINE TOTAL TIME </div> <div> S.M.O.H. </div> </div> <div style="margin-top: 20px;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="4">FLY</th> <th colspan="4">AT</th> </tr> <tr> <th>TRUE</th> <th>PILOT</th> <th>CO-PILOT</th> <th>STBY</th> <th>TRUE</th> <th>PILOT</th> <th>CO-PILOT</th> <th>STBY</th> </tr> </thead> <tbody> <tr><td>-1000</td><td>0</td><td>0</td><td>0</td><td>14000</td><td>-10</td><td>-10</td><td>+10</td></tr> <tr><td>0</td><td>0</td><td>0</td><td>0</td><td>16000</td><td>-10</td><td>-10</td><td>+10</td></tr> <tr><td>500</td><td>0</td><td>0</td><td>0</td><td>18000</td><td>-10</td><td>-10</td><td>+230</td></tr> <tr><td>1000</td><td>0</td><td>0</td><td>0</td><td>20000</td><td>-10</td><td>-10</td><td>+20</td></tr> <tr><td>1500</td><td>0</td><td>0</td><td>0</td><td>22000</td><td>-10</td><td>-10</td><td>+20</td></tr> <tr><td>2000</td><td>0</td><td>0</td><td>-10</td><td>25000</td><td>-10</td><td>-10</td><td>+30</td></tr> <tr><td>3000</td><td>0</td><td>0</td><td>-10</td><td>30000</td><td>-10</td><td>-20</td><td>+40</td></tr> <tr><td>4000</td><td>-10</td><td>-10</td><td>-10</td><td>35000</td><td>-10</td><td>-20</td><td>+40</td></tr> <tr><td>6000</td><td>-10</td><td>-10</td><td>0</td><td>40000</td><td>N/A</td><td>N/A</td><td>N/A</td></tr> <tr><td>8000</td><td>-10</td><td>-10</td><td>0</td><td>45000</td><td>N/A</td><td>N/A</td><td>N/A</td></tr> <tr><td>10000</td><td>-10</td><td>-10</td><td>0</td><td>50000</td><td>N/A</td><td>N/A</td><td>N/A</td></tr> <tr><td>12000</td><td>-10</td><td>-10</td><td>+10</td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> Altimeter Corrections Certified to 35,000ft </div> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p style="text-align: center; margin: 0;">MAINTENANCE RELEASE</p> <p style="margin: 0;">I CERTIFY THAT THE TRANSPONDER/ALTIMETER/STATIC LEAK TESTS OF FAR 91.411 AND FAR 91.413 HAVE BEEN COMPLIED WITH IN THIS AIRCRAFT. ALSO PARAGRAPH (C) APPENDIX E PART 43 CORRESPONDENCE TEST HAS BEEN COMPLIED WITH.</p> <p style="margin: 0;">Pilots # <u>1SW006787</u> Copilot #2 <u>1SW006789</u> STBY Altimeter <u>K15-12024</u> Transponder #1 <u>89106006</u> Transponder #2 <u>89130482</u></p> <p style="margin: 0;">W/O# <u>A-18-4125</u> DATE <u>01/09/18</u> DUE DATE <u>01/2020</u> SIGNED <u>[Signature]</u></p> <p style="margin: 0;">FOR COLUMBIA AIR SERVICES, INC. FAA CERTIFIED REPAIR STATION # S05K204N GROTON, CT 06340</p> </div> </div>						FLY				AT				TRUE	PILOT	CO-PILOT	STBY	TRUE	PILOT	CO-PILOT	STBY	-1000	0	0	0	14000	-10	-10	+10	0	0	0	0	16000	-10	-10	+10	500	0	0	0	18000	-10	-10	+230	1000	0	0	0	20000	-10	-10	+20	1500	0	0	0	22000	-10	-10	+20	2000	0	0	-10	25000	-10	-10	+30	3000	0	0	-10	30000	-10	-20	+40	4000	-10	-10	-10	35000	-10	-20	+40	6000	-10	-10	0	40000	N/A	N/A	N/A	8000	-10	-10	0	45000	N/A	N/A	N/A	10000	-10	-10	0	50000	N/A	N/A	N/A	12000	-10	-10	+10				
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Airframe

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 3

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:
 - * 1 year spoiler and aileron cable assembly on wing, rudder cables and elevator trim tab control cables tension and safetying of turnbuckles.
 - * 400 hour/2 year low level sensors low level test.
 - * 1 year gaseous oxygen system condition, attachment, and operational test.
 - * 600 hour/2 year compressor belt replacement. Removed and replaced belt with new, P/N: 6046297261.
 - * 6 month Concorde lead acid battery (recurring) capacity check. Removed, boost charged, and performed discharge capacity check of battery, P/N: RG-380E/44, S/N: 40749913. Battery passed capacity check. Charged and reinstalled battery. Work performed in accordance with Concorde Drawing: 5-0171 Rev. P.
 - * 1 year propeller assembly inspection.
 - * 400 hour/1 year propeller lubrication.
 - * 600 hour/1 year beta ring and carbon block dimensional check.
 - * 2 year outflow and safety valves seat cleaning.
 - * 2 year lightweight data recorder operational check.
 - * 1 year passenger masks, gaseous oxygen, inspection and cleaning.
 - * 1 year B35, B36, and B37 servo-actuators cable condition and tension checks.
 - * 1 year B35, B36, B37, and B38 servo-actuators slip clutch manual override check.

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Dates	Duration of flight since last maintenance operation	Heures totales Hours since manufacture	Hours since major maintenance	Number of landings	Motif de l Maintenance motive
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Airframe Cont'd

LOG BOOK ENTRY (CONT.)

Page 2 of 3

WO NO.

MWO-18-5665

- * 2 year Air Total fire extinguisher weight and pressure check.
- * 1 year drain under floor condition, cleanliness, and attachment check.
- * 2 year vapor cycle cooling system refrigerant charge. Evacuated and recycled refrigerant from air conditioning system. Removed and replaced service port schrader valves with new, P/N: 8089000070 (Qty 4). Reserviced system with R-134a refrigerant. Operational and leak checks satisfactory. Work performed in accordance with Daher TBM 930 Model M.M. chapter 12-15-01.
- * 1 year water separator filter condition and cleanliness.
- * 1 year left and right wing flap roller lubrication.
- * 1 year nose and main landing gear condition and leak check.
- * 1 year nose and main landing gear axle lubrication.
- * 1 year nose and main landing gear wheel bearings inspection and lubrication.
- * 1 year LH and RH main and nose landing gear shock-absorber inflation pressure check.
- * 1 year post inspection flight check.
- 3. Inspected ELT in accordance with FAR 91.207d, found to be satisfactory. **Battery replacement due: JAN. 2022.**
- 4. **AD 2017-04-06** amend. 39-18801 dated 4/7/17, United Instruments, Inc. 5934 series altimeters, does not apply. Aircraft is not equipped with United Instruments, Inc. altimeters. No action required.
- 5. **AD 2017-15-15** amend. 39-18975 dated 9/6/17, Prevent flight control wheel jamming, does not apply by airframe serial number. No action required.
- 6. **AD 2017-16-01** amend. 39-18978 dated 10/24/17, Ameri-King Corporation Model AK-450-Q and AK-451-Q series ELTs, does not apply. Aircraft is equipped with an Artex ELT. No action required.
- 7. **AD 2017-18-12** amend. 39-19021 dated 10/16/17, B/E Aerospace protective breathing equipment (PBE) P/N: 119003-11 and 119003-21, does not apply. Aircraft is not equipped with B/E Aerospace PBE. No action required..
- 8. Complied with **Daher SB 70-118 Amend. 1**, "SAGEM/AVIAC" flap actuator. Cleaned and lubricated flap actuator rods per Paragraph C. **Paragraph C next due: 482.4 ACTT or 1/31/19.**
- 9. Complied with **Daher SB 70-236**, MT50 cabin inlet temperature sensor. Removed and replaced sensor with new, P/N: 6046307234 S/N: 93276-20363. Operational check satisfactory. No further action required. (S/N removed: 93276-10626)

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SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

6

Détails vérifications et travaux entretien - Révisions partielles ou générales

Modifications - Essais en vol

Particulars of inspections and maintenance - Minor or major overhauls

Modifications - Test flights

Cachet - Signature réparateur

Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

Airframe Cont'd

LOG BOOK ENTRY (CONT.)

Page 3 of 3

10. Complied with **Daher SB 70-237**, PL11 bleed switch. Modified PL11 bleed switch and overtemperature switch (BTSW) wiring per SB instructions. No further action required.
11. Complied with **Daher SB 70-243**, A170 lightweight data recorder. Removed and replaced A170 data recorder with a modified unit, P/N: 1000-1210-11 S/N: 001129461. Ref. L3 Aviation Products, Inc. (Sarasota, FL) W/O# 9461. Modified wiring per SB instructions. Operational check satisfactory. No further action required. (S/N removed: 001090044)
12. Complied with **Daher SB 70-249**, Pilot door thermal insulation. Installed pilot's door thermal insulation assembly, P/N: T700G251044000001. No further action required.
13. Serviced oxygen system as required with Aviators Breathing Oxygen.
14. Defueled aircraft. Reset fuel quantity digital display in accordance with Daher TBM 930 Model M.M. chapter 28-00-00.
15. Replaced left cowl door support rod lock pin with new, P/N: 7248064154.
16. Replaced static port plug with new, P/N: 29-103.
17. Removed and replaced S75 proximity sensor with new, P/N: 7180340003. Operational check satisfactory. Work performed in accordance with Daher TBM 930 Model M.M. chapter 52-71-00.
18. Removed and replaced left and right brake linings with new, P/N: 109-01500 (Qty 64)
19. Performed post inspection ground run. Operational and leak checks satisfactory.

WO NO.

MWO-18-5665

COLUMBIA AIR SERVICES, INC.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N, Work Order # MWO-18-5665
I certify that this Airframe 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 05-20-01, 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

David A. Stetson

-----END-----

(SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

7

Dates Dates	Temps de vol depuis la précédente opé- ration d'entretien Duration of flight since last maintenance operation	Heures totales Hours since manufacture	Heures depuis entretien majeur Hours since major maintenance	Nombre d'atterrissages Number of landings	Motif de l'entretien Maintenance motive
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Airframe

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N786PK

A/C S/N: 1113

DATE: 6/28/18

A/C TOTAL TIME: 346.7

HOUR METER: 346.7

W/O NO: MWO-18-5822

ENGINE TOTAL TIME 346.7

S.M.O.H.

1. Removed pitot covers from left and right pitot tubes.

-----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-18-5822 DATE: 6/28/18 SIGNED [Signature]

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

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

7

Motif de l'entretien
Maintenance motive

Détails vérifications et travaux entretien - Révisions partielles ou générales
Modifications - Essais en vol
Particulars of inspections and maintenance - Minor or major overhauls
Modifications - Test flights

Cachet - Signature réparateur
Approbation pour remise en service
Stamp and signature of overhauler
Maintenance release

Airframe

Columbia Air Services, Inc.

Page 1 of 1

A/C REG: N786PK

A/C S/N: 1113

DATE: 9/7/18

A/C TOTAL TIME: 374.8

HOURLY METER: 374.8

W/O NO: MWO-18-5885

ENGINE TOTAL TIME 374.8

S.M.O.H.

1. Evacuated and recycled refrigerant from air conditioning system. Removed and replaced service port schrader valves with new, P/N: 8089000070 (Qty 4). Reserviced system with R-134a refrigerant. Operational and leak checks satisfactory. Work performed in accordance with Daher TBM 930 Model M.M. chapter 12-15-01.

-----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-18-5885 DATE: 9/7/18 SIGNED: Richard E. Wilson
FOR **Columbia Air Services, Inc.** FAA CERTIFIED REPAIR STATION # S05R204N GROTON, CT 06340

Dates	Temps de vol depuis la précédente opération d'entretien Duration of flight since last maintenance operation	Heures totales Hours since manufacture	Heures depuis entretien majeur Hours since major maintenance	Nombre d'atterrissages Number of landings	Motif de l'entretien Maintenance motive
<div style="text-align: center;"> Airframe Columbia Air Services, Inc. Page 1 of 3 LOG BOOK ENTRY </div>					
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)		
<p>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.</p> <p>2. Complied with the following special checks:</p> <ul style="list-style-type: none"> ✖ 1 year spoiler and aileron cable assembly on wing, rudder cables and elevator trim tab control cables tension and safetying of turnbuckles. ✖ 1 year gaseous oxygen system condition, attachment, and operational test. ✖ 600 hour/2 year compressor belt replacement. Removed and replaced belt with new, P/N: 6046297261. ✖ 6 month Concorde lead acid battery (recurring) capacity check. Removed, boost charged, and performed discharge capacity check of battery, P/N: RG-380E/44, S/N: 40749913. Battery failed capacity check. Performed reconditioning procedure and 2nd capacity check. Battery passed capacity check. Charged and reinstalled battery. Work performed in accordance with Concorde Drawing: 5-0171 Rev. P. ✖ 3 year hydraulic system fluid replacement. Drained and reserviced system with MIL-PRF-5606H hydraulic fluid. ✖ 3 year brake reservoir fluid replacement. Drained and reserviced system with MIL-PRF-5606H hydraulic fluid. ✖ 1 year propeller periodic inspection. ✖ 400 hour/1 year propeller lubrication. ✖ 600 hour/1 year beta ring and carbon block dimensional check. Removed and replaced beta feedback carbon block with new, P/N: A-3026. ✖ 3 year standby compass compensation. ✖ 1 year passenger masks, gaseous oxygen, inspection and cleaning. <p style="text-align: center;">-----CONTINUED-----</p>					

WO NO.

MWO-19-5990

- ✕ 1 year B35, B36, and B37 servo-actuators cable condition and tension checks.
 - ✕ 1 year B35, B36, B37, and B38 servo-actuators slip clutch manual override check.
 - ✕ 1 year drain under floor condition, cleanliness, and attachment check.
 - ✕ 1 year water separator filter condition and cleanliness.
 - ✕ 1 year left and right wing flap rollers lubrication.
 - ✕ 1 year nose and main landing gear condition and leak check.
 - ✕ 1 year nose and main landing gear axle lubrication.
 - ✕ 200 hour/1 year nose and main landing gear wheel bearings inspection and lubrication. Removed and replaced one (1) nose wheel bearing and race with new, P/N: 214-03200 and 214-03300.
 - ✕ 1 year LH and RH main and nose landing gear shock-absorber inflation pressure check.
 - ✕ 3 year shimmy damper fluid replacement. Drained shimmy damper. Removed and replaced service port seals with new, P/N: 7061550011 (Qty 2). Reserviced with PSF 100cst hydraulic fluid. Work performed in accordance with Daher TBM 930 Model M.M. chapters 12-13-01 and 32-20-03.
 - ✕ 1 year post maintenance flight check.
3. Inspected ELT in accordance with FAR 91.207d, found to be satisfactory. **Battery replacement due: JAN. 2022.**
4. Complied with 200 hour/1 year static pressure ports inspection per RVSM requirement in accordance with Daher TBM 930 Model M.M. chapter 05-11-00. Found to be satisfactory.
5. Complied with 200 hour/1 year external surfaces inspection per RVSM requirement in accordance with Daher TBM 930 Model M.M. chapter 05-11-00. Found to be satisfactory.
6. Complied with **Daher SB 70-118 Amend. 1**, "SAGEM/AVIAC" flap actuator. Cleaned and lubricated flap actuator rods per Paragraph C. **Paragraph C next due: 618.5 ACTT or 1/31/20.**
7. Complied with **Daher SB 70-254**, Oil cooler air induction duct. Removed four (4) upper fins on duct per SB instructions. No further action required.
8. Complied with **Daher SB 70-260**, Aileron's brush. Adjusted left and right aileron brush dimension per SB instructions. No further action required.
9. Removed and replaced PL13 panel right pitot switch with new, P/N: 7388070002. Operational check satisfactory.
10. Removed and replaced propeller deice harness tywraps with new.

-----CONTINUED-----

WO NO.

MWO-19-5990

11. Removed and replaced left gullwing door prop rod clip with new, P/N: 7478110019.
12. Lubricated alternator drive in accordance with Daher TBM 930 Model M.M. chapter 24-30-06.
13. 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.
14. Removed and replaced pilot stair tread with new, P/N: 4299501101. Resecured cabin stair tread.
15. Removed and replaced left aileron static wick with new, P/N: 7179110213. Operational check satisfactory.
16. Replaced right vertical stabilizer seal with new, P/N: 4247752580.
17. Removed and replaced one (1) propeller spinner nutplate with new, P/N: MS21059L4K.
18. Serviced oxygen system as required with Aviators Breathing Oxygen.
19. Removed and replaced nose tire with new 5.00x5 10 ply tire, P/N: 505T08-1 S/N: 73362235.
20. Removed and replaced oil filler cap o-ring with new, P/N: AS3209-222.
21. Performed post inspection ground run. 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 Airframe 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: 1/22/19A/C Total Time: 418.5Signature: 

A/C REG: N786PKA/C S/N: 1113

DATE: 3/1/19	A/C TOTAL TIME: 448.8	HOUR METER: 448.8
W/O NO: MWO-19-6036	ENGINE TOTAL TIME 448.8	S.M.O.H. (CSN: 225)

1. Evacuated and recycled refrigerant from air conditioning system. Removed and replaced cabin, P/N: 3733A04000 S/N: 2746R and cockpit, P/N: 1714A010001 S/N: 703R, evaporators with new, P/N: Replaced receiver drier with new, P/N: 6046297266 S/N: 8988-0119. Replaced evaporator valve cores with new, P/N: 8089000070 (Qty 4). Replaced o-rings with new, P/N: 7423291516 (Qty 4), 7423291518 (Qty 2). Reserviced system with R-134a refrigerant. Leak checks satisfactory. Work performed in accordance with Daher TBM 930 Model M.M. chapters 12-15-01, 21-55-07, 21-55-16 and 21-55-17. (S/N's removed: 22074R (cabin), 306R (cockpit) and 8988-00685 (receiver drier))
2. Resecured one (1) overhead cockpit panel gasper.
3. Removed and replaced propeller A40 deice timer with an overhauled unit, P/N: 3E2311-4 S/N: U0468. Ref. AMETEK B&S Aircraft parts & Accessories (Wichita, KS) W/O# R13-05192. Operational check satisfactory. Work performed in accordance with Daher TBM 930 Model M.M. chapter 30-60-00. (S/N removed: Ud0222)
4. Jacked aircraft. Removed and replaced landing gear A14 panel with a repaired unit, P/N: 6003777261 S/N: 150. Ref. COMPAGNIE DAHER (Marseille France) S/O# 901077. Performed normal and emergency (hand-pump) gear extensions/retractions. Operational check satisfactory. Work performed in accordance with Daher TBM 930 Model M.M. chapter 32-60-01. (S/N removed: 125)
5. Removed and replaced wide door access entry switch with new, P/N: T700G2520554000. Operational check satisfactory.
6. Serviced nose and main landing gear tires to proper pressures with nitrogen.

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7. Resecured and retorqued one (1) engine plenum cover bolt.

-----END-----

WO NO.

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-19-6036 DATE: 3/1/19 SIGNED: Art Salgado

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

Airframe

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N900RJ (N786PK)A/C S/N: 1113

DATE: 5/15/19

A/C TOTAL TIME: 509.1

HOUR METER: 509.1

W/O NO: MWO-19-6067

ENGINE TOTAL TIME 509.1

S.M.O.H.

1. Removed aircraft's original Registration Number (N786PK) and applied Special Registration Number (N900RJ). Removed Registration Number placard from instrument panel and installed new placard reflecting Special Registration Number (N900RJ). Reprogrammed transponders and ELT to reflect Special Registration Number (N900RJ). See FAA Form 8050-64, Assignment of Special Registration Numbers, dated May 02, 2019.

Note: A copy of FAA Form 8050-64, Assignment of Special Registration Numbers, dated May 02, 2019 is to be carried in this aircraft with the current Registration Certificate pending issue of a revised Registration Certificate.

-----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-19-6067 DATE: 5/15/19 SIGNED: FOR **Columbia Air Services, Inc.** FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

5/15/19

N900RJ
TBM 700
Serial Number 1113

This date Registration Number on the above identifies aircraft was changed from the previously issued Registration Number N786PK.

Aircraft was inspected and found to meet the requirements of 14 CFR 45.21, 45.25 and 45.29.

A copy of FAA form 8050-64 is aboard aircraft pending receipt of revised certificate of registration.

-----END-----



Stephen M Kelly
627782034 DAR-T

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CAMP
Aviation from the ground up™

TBM 930 N900RJ S/N: 1113

Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	PROP 1 HRS					
22-Jul-2019	543.8	303	543.8	303	543.8					

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F)(3) AND APPROVED FOR RETURN TO SERVICE

AIP 3398423

Airframe

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N900RJA/C S/N: 1113DATE: 8/13/19A/C TOTAL TIME: 578.1HOUR METER: 578.1W/O NO: MWO-19-6183ENGINE TOTAL TIME 578.1

S.M.O.H (CSN: 424)

1. Complied with 1 year Concorde lead acid battery (initial) capacity check. Removed, boost charged, and performed discharge capacity check of battery, P/N: RG-380E/44, S/N: 70006094. Battery passed capacity check. Charged and reinstalled battery. Work performed in accordance with Concorde Drawing: 5-0171 Rev. P.
2. Removed and replaced propeller blade tywraps with new.
3. Defueled aircraft. Removed, cleaned, resealed and reinstalled left wing inboard fuel panel #531 and right wing inboard fuel panel #631. Refueled aircraft. Leak check satisfactory. Work performed in accordance with Daher TBM 930 Model M.M. chapter 52-40-01.
4. Serviced oxygen system as required with Aviators Breathing Oxygen.
5. Removed and replaced left main tire with new 18x5.5 10ply tire, P/N: 185F03-5 S/N: 90752466. Cleaned, inspected and lubricated wheel bearings.

-----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-19-6183DATE: 8/13/19SIGNED: Richard G. NelsonFOR **Columbia Air Services, Inc.** FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

Airframe

N900RJ

LOG BOOK ENTRY

Page 1 of 1

1113

A/C REG: _____

A/C S/N: _____

DATE: 10/21/2019

A/C TOTAL TIME:

HOUR METER: 620.8

W/O NO: A-19-4516

ENGINE TOTAL TIME

S.M.O.H.

FLY AT				FLY AT			
TRUE	PILOT	CO-PILOT	STBY	TRUE	PILOT	CO-PILOT	STBY
-1000	0	0	-10	14000	0	0	+50
0	0	0	+10	16000	0	0	+50
500	0	0	+10	18000	0	0	+60
1000	0	0	+10	20000	0	-10	+650
1500	0	0	+20	22000	-10	-10	+70
2000	0	0	+20	25000	-10	-10	+80
3000	0	0	+20	30000	-10	-20	+100
4000	0	0	+20	35000	-10	-20	+120
6000	0	0	+30	40000	N/A	N/A	N/A
8000	0	0	+30	45000	N/A	N/A	N/A
10000	0	0	+40	50000	N/A	N/A	N/A
12000	0	0	+40				

Altimeter Corrections

Certified to 35,000ft

MAINTENANCE RELEASE

I CERTIFY THAT THE TRANSPONDER/ALTIMETER/STATIC TESTS OF FAR 91.411 AND FAR 91.413 HAVE BEEN COMPLIED WITH IN THIS AIRCRAFT PER 14 CFR 43 APPENDIX E AND F.

Altimeter #1 1SW006787 Altimeter #2 1SW006789 Altimeter #3 K15-12024 Transponder #1 89106006 Transponder #2 89130482

W/O# A-19-4516 DATE 10/21/2019 DUE DATE 10/2021 SIGNED [Signature]
 FOR COLUMBIA AIR SERVICES, INC. FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

Airframe

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 3

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

DATE: 10/22/19

A/C TOTAL TIME: 620.8

HOUR METER: 620.8

W/O NO: MWO-19-6224

ENGINE TOTAL TIME 620.8

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

1. Complied with Daher 1500 hour/4 year (fuel) strainers special check.
2. Complied with Daher 1500 hour/4 year (fuel) flapper valves special check.
3. Complied with 6 month Concorde lead acid battery (recurring) capacity check special check. Removed, boost charged, and performed discharge capacity check of battery, P/N: RG-380E/44, S/N: 70006094. Battery passed capacity check. Charged and reinstalled battery. Work performed in accordance with Concorde Drawing: 5-0171 Rev. P.
4. Complied with Daher 600 hour fuel unit filter special check. Removed and replaced filter with new, P/N: 6007707270.
5. Complied with 400 hour/2 year pitot tubes inspection per RVSM requirement in accordance with Daher TBM 930 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
6. Complied with 200 hour/1 year static pressure ports inspection per RVSM requirement in accordance with Daher TBM 930 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
7. Complied with 800 hour/4 year air data system lines inspection per RVSM requirement in accordance with Daher TBM 930 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
8. Complied with 400 hour/2 year air data system inspection per RVSM requirement in accordance with Daher TBM 930 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
9. Complied with 200 hour/1 year external surfaces check per RVSM requirement in accordance with Daher TBM 930 M.M. chapters 05-11-00 and 53-00-00. Found to be satisfactory.

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Airframe Cont'd

LOG BOOK ENTRY (CONT.)

Page 2 of 3

WO NO.

MWO-19-6224

10. AD 2018-21-14 amend. 39-19472 dated 3/27/19, Zodiac Aerotechnics oxygen mask regulators inflatable harness assembly, does not apply by installed masks part number (MC10-02-121). No action required.
11. Complied with **Daher SB 70-118 Amend. 1**, "SAGEM/AVIAC" flap actuator. Cleaned and lubricated flap actuator rods per Paragraph C. **Paragraph C next due: 820.8 ACTT or 10/31/20.**
12. Complied with **Daher SB 70-256**, Inertial separator door seal. Installed Daher Inertial Separator Door Seal Kit P/N: OPT70K16300. No further action required.
13. Complied with **Daher SB 70-265**, Emergency descent mode upgrade. Installed EDM software patch per SB instructions. No further action required.
14. Serviced oxygen system as required with Aviators Breathing Oxygen.
15. Removed and replaced left wing fuel access panel #532 gasket with new, P/N: 7425210090. Leak check satisfactory.
16. Removed, cleaned, lubricated and reinstalled left aileron inboard bearing. Operational check satisfactory. Work performed in accordance with Daher TBM 930 M.M. chapters 12-21-04 and 57-60-00.
17. Inserted Revision 4 in Pilot's Operating Handbook (P.O.H.).
18. Lubricated alternator drive in accordance with Daher TBM 930 M.M. chapter 24-30-06.
19. Removed and replaced stand-by generator brush set with new, P/N: ALE1013AS.
20. Cleaned and lubricated engine cowl latches as required.
21. Removed and replaced wing root fairings anti-chafe tape with new.
22. Recovered refrigerant from air conditioning system. Removed and replaced service port schrader valves with new, P/N: 8089000070 (Qty 4). Reserviced system with R-134a refrigerant and SP-10 oil. Operational and leak checks satisfactory. Work performed in accordance with Daher TBM 930 M.M. chapter 12-15-00.
23. Rigged cabin stair cables to achieve proper operation in accordance with Daher TBM 930 M.M. chapter 52-60-00.
24. Torqued and safetied cabin door aft upper strut support.
25. Removed and replaced pilot ladder tread with new, P/N: 4299501101.

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26. Removed and replaced left winglet upper static wick with new, P/N: 7179110202. Operational check satisfactory.
27. Resealed right wing fuel access panel #631 inserts.
28. Adjusted and safetied left and right spoiler cable tensions in accordance with Daher TBM 930 M.M. chapter 27-10-00.
29. Removed and replaced left and right brake linings with new, P/N: 109-01500 (Qty 64).
30. Deflated and disassembled right wheel and tire assembly. Removed and replaced o-rings with new. Reassembled the wheel in proper alignment and reinstalled. Serviced tire with nitrogen to proper pressure.
31. 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 F&WC PT6A-66D M.M. P/N: 3070902 chapter 72-60-00.
32. Researched AD's through Bi-Weekly 2019-21.
33. Performed engine ground runs and aircraft flight check, operational and leak check satisfactory.

-----END-----

WO NO.

MWO-19-6224

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 [Signature]

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

Airframe

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 2

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

DATE: 7/29/20

A/C TOTAL TIME: 827.9

HOUR METER: 827.9

W/O NO: MWO-20-6416/6419

ENGINE TOTAL TIME 827.9

S.M.O.H. (CSN: 653)

1. Complied with an A Inspection in accordance 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:
 - * 6 month Concorde lead acid battery (recurring) capacity check. Removed, boost charged and performed capacity check of battery. Battery passed capacity check. Charged and reinstalled battery. (S/N: 70006094)
3. Complied with 200 hour/1 year static pressure ports inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
4. Complied with 200 hour/1 year external surfaces check per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 53-00-00. Found to be satisfactory.
5. Complied with **Daher SB 70-118 Amend. 1**, "SAGEM/AVIAC" Flap actuator. Cleaned and lubricated flap actuator rods per Paragraph C. **Paragraph C next due: 1027.9 ACTT or 7/31/21.**
6. Removed and replaced rudder static wick, P/N: 6015607230 and left winglet upper static wick, P/N: 7179110204, with new. Operational check satisfactory.
7. Resecured cabin door "Press to Unlock" placard.
8. Replaced fuel bowl "Drainage" placard with new, P/N: T700A112001110400.
9. Rigged main cabin stairs and tightened pully fork stop in accordance with Daher TBM 930/940 M.M. chapter 52-60-00. Operational check satisfactory.
10. Serviced oxygen system as required with Aviators Breathing Oxygen.
11. Replaced main cabin door handle plastic stop with new, P/N: T700B521001910000.
12. Replaced left fuel tank inboard drain placard with new, P/N: T700A112001110300.
13. Inspected and patched left and right wing deice boots.

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LOG BOOK ENTRY (CONT.)

14. Lubricated alternator drive in accordance with Daher TBM 930/940 M.M. chapter 24-30-06.

15. Removed and replaced left and right brake linings with new, P/N: 109-01500 (Qty 64).

16. Removed and replaced right brake disc with new, P/N: 159-02700.

17. Removed and replaced nose tire with new 5.00x5 10ply tire, P/N: 505T08-1 S/N: 73372264.

18. Removed and replaced left outboard wheel half with new, P/N: 161-21100 S/N: 1032M. Work performed in accordance with Parker Manual P/N: 40-434. (S/N removed: 2313)

19. 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 #SO5R204N. Work Order # MWO-20-6416/6419

I certify that this Airframe 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: 

Airframe

Columbia Air Service
~~LOG BOOK ENTRY~~

Page 1 of 4

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 880.0S.M.O.H. (CSN: 690)

1. Complied with a B+/Annual Inspection in accordance with FAR Part 43 Appendix D using Daher TBM 930940 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:
 - * 1 year spoiler and aileron cable assembly on wing, rudder cables and elevator trim tab control cables tension and safetying of turnbuckles.
 - * 1 year gaseous oxygen system condition, attachment, and operational test.
 - * 1 year placards and markings, area 100 inspection.
 - * 600 hour compressor belt replacement. Removed and replaced belt with new, P/N: 6046297261.
 - * 6 month Concorde lead acid battery (recurring) capacity check. Removed, boost charged, and performed discharge capacity check of battery, Battery passed capacity check. Charged and reinstalled battery. Work performed in accordance with Concorde Drawing: 5-0171 Rev. Q. (S/N: 70006094)
 - * 600 hour stand-by generator belt replacement. Removed and replaced belt with new, P/N: 7133280007.
 - * 1 year propeller periodic inspection.
 - * 400 hour/1 year propeller lubrication.
 - * 600 hour/1 year beta ring and carbon block dimensional check. Removed and replaced beta feedback carbon block with new, P/N: A-3026.
 - * 1 year interior and exterior placards and markings, area 200 inspection.
 - * 2 year outflow and safety valves seat cleaning.
 - * 2 year lightweight data recorder operational test.
 - * 1 year passenger masks, gaseous oxygen, inspection and cleaning.

-----CONTINUED-----

WO NO.

MWO-20-6427

- ✕ 1 year B35, B36, and B37 servo-actuators cable condition and tension checks.
 - ✕ 1 year B35, B36, B37, and B38 servo-actuators slip clutch manual override check.
 - ✕ 1 year drain under floor condition, cleanliness, and attachment check.
 - ✕ 1 year placards and markings, area 210 inspection.
 - ✕ 1 year water separator filter condition and cleanliness.
 - ✕ 1 year placards and markings, area 300 inspection.
 - ✕ 1 year placards and markings, area 500 inspection.
 - ✕ 1 year left and right wing flap rollers lubrication.
 - ✕ 1 year placards and markings, area 600 inspection.
 - ✕ 1 year gaseous oxygen cylinder inspection.
 - ✕ 3 year brake reservoir fluid replacement. Drained and reserviced with MIL-PRF-5606H hydraulic fluid.
 - ✕ 1 year placards and markings, area 700 inspection.
 - ✕ 1 year nose and main landing gear condition and leak check.
 - ✕ 1 year nose and main landing gear axle lubrication.
 - ✕ 1 year nose and main landing gear shock-absorber inflation pressure check.
 - ✕ 1 year post maintenance flight check.
3. Inspected ELT in accordance with FAR 91.207d, found to be satisfactory. **Battery replacement due: JAN. 2022.**
4. Complied with 400 hour/2 year pitot tubes inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
5. Complied with 200 hour/1 year static pressure ports inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
6. Complied with 400 hour/2 year air data system inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
7. Complied with 200 hour/1 year external surfaces inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 53-00-00. Found to be satisfactory.
8. Complied with **Daher SB 70-118 Amend. 1**, "SAGEM/AVIAC" flap actuator. Cleaned and lubricated flap actuator rods per Paragraph C. **Paragraph C next due: 1080.0 ACTT or 11/30/21.**

-----CONTINUED-----

WO NO.

MWO-20-6427

9. Complied with **Daher SB 70-262**, QAD mounting non-conformity. Removed and replaced starter-generator QAD mount with a repaired unit, P/N: KG94K-1 S/N: 0198. Ref. Ametek Advanced Industries, Inc. (Wichita, KS) W/O# EXC1278304. Operational check satisfactory. No further action required. (S/N removed: 0127)
10. Complied with **Daher SB 70-281 Rev. 2**, GAS controller upgrade. Removed and reinstalled GAS controller, P/N: 82024A040801 S/N: 82024-00499, after modification. Ref. Daher Aircraft, Inc. (Pompano Beach, FL) W/O# 922829. Modified wiring per SB instructions. Operational check satisfactory. No further action required.
11. Inspected Pilot's Operating Handbook (P.O.H.) for revision status, found to be at current revision (Rev. 5).
12. Removed and replaced pilot's door bumper with new, P/N: T700B526013310200.
13. Removed and replaced pilot's door safety walk with new, P/N: 4299501101.
14. Serviced oxygen system as required with Aviators Breathing Oxygen.
15. Removed and replaced nose gear jack point placard with new, P/N: T700A1120014100.
16. Applied anti-chafe tape to left and right inboard wing root fairings.
17. Repaired minor propeller surface and tip damage in accordance with Hartzell Propeller Composite Propeller Blade Field Maintenance and Minor Repair Manual #170 chapter 61-13-70.
18. Removed and replaced pilot's oxygen mask holder with new, P/N: 6027217250.
19. Removed and replaced left and right wings upper ground placards with new, P/N: T700A112001310300 (Qty 2).
20. Cleaned and polished pilot and co-pilot inner windshield surfaces in accordance with Daher TBM 930/940 M.M. chapter 12-22-04.
21. Replaced oxygen service pressure graph placard on oxygen service access door with new, P/N: T700A112002710000.
22. Removed and replaced nose wheel bearings and races with new, P/N: 214-03200 (Qty 2) and 214-03300 (Qty 2).
23. Removed and replaced left brake assembly with an overhauled unit, P/N: 030-19100 S/N: 1153. Ref. Boeing Distribution, Inc. (Parsippany, NJ) W/O# 2000381672. Bled air from caliper. Work performed in accordance with Daher TBM 930/940 M.M. chapter 32-40-03 and C.M.M. 30-191. (S/N removed: 3082)
24. Removed, disassembled, cleaned, inspected, reassembled using new o-rings and wipers and reinstalled right brake caliper. Bled air from caliper. Leak check satisfactory.

-----CONTINUED-----

25. Lubricated alternator drive in accordance with Daher TBM 930/940 M.M. chapter 24-30-06.
26. Removed and replaced one (1) MOR cable cushion clamp with new, P/N: 7141381053.
27. Performed post inspection ground run. Operational and leak checks satisfactory.

-----END-----

WO NO.

MWO-20-6427

COLUMBIA AIR SERVICES, INC.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N. Work Order # MWO-20-3427

I certify that this Airframe 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



Airframe Logbook

WO: 042721-0RJ

27-Apr-21

N900RJ - TBM 930, S/N 1113

Facility:

TAILWIND
AVIATION

Certificate #:

Airframe Hours:

983.8

Airframe Cyc/Lndgs:

662

Airframe Flts:

0

Maintenance
 motive

COMPONENT REMOVAL/INSTALLATION:

	TASK NUMBER	DESCRIPTION	P/N OFF	S/N OFF	P/N ON	S/N ON	PART TIMES
1	26-20-01-900-811	FIRE EXTINGUISHER Update Note: 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.	74-00	A27703 RSN Removed: A-TIME EXPIRED	74-00	A033205 Part Condition: New	TSN: 0 MOS 0 HRS 0 AFL

THE FOLLOWING INSPECTION ITEMS / TASKS WERE ACCOMPLISHED:

	TASK NUMBER	DESCRIPTION
1	26-20-01-200-803	FIRE EXTINGUISHER, IF INSTALLED - CHECK FIRE EXTINGUISHER FOR WEIGHT AND PRESSURE. Date of Weight Check: 27-Apr-21 Update Note: 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.
2	26-20-01-200-813	FIRE EXTINGUISHER, IF INSTALLED - INSIDE INSPECTION (AFTER EXPIRATION OF 5 YEARS, IN CASE OF FILLING / REFILLING) Date Manufactured: 31-Oct-15 Update Note: 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.
3	26-20-01-730-802	FIRE EXTINGUISHER, IF INSTALLED - OVERHAUL / HYDROSTATIC TEST Date Manufactured: 31-Oct-15 Update Note: 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.
4	26-20-01-900-801	FIRE EXTINGUISHER, IF INSTALLED - REPLACE Expiration Date: 31-Oct-25 Update Note: 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.

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:

Peter Lulgjuraj

Certificate #:

AR 4267056

Work Inspected By:

Certificate #:

In Line Aviation Group

Détails vérification

Particulars of in:

W0062921-0RJ

Make/Model: Socata TBM 930	S/N: 1113	Reg.# N900RJ	TTAF: 1080.5	LNDS: 739	APU HOBBS:
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The following maintenance was performed in reference to Manufacturers Maintenance Manual:

1. C/W CAMP Card 05-20-02 Standard A inspection
2. C/W CAMP Card 24-30-04-760-803 Lead -Acid battery-check capacity. Battery overhauled by Flightpath Services, work order# 172429, approval # JG1243K, dated 12 FEB 21
3. C/W CAMP Card 25-65-01-200-801 Inspect pilot life vest
4. C/W CAMP Card 25-65-01-200-802 Inspect co-pilot life vest
5. C/W CAMP Card 34-28-00-070-801 Electronic flight instrument system - remove data from SD cards
6. C/W CAMP Card 32-40-01-900-802 Left main landing gear tire. New tire from Textron Aviation, Form tracking # 7622966, Approval # PC4, Dated 14/APR/2021
7. C/W CAMP Card 32-40-01-900-802 Right main landing gear tire. New tire from Textron Aviation, Form tracking # 7622966, Approval # PC4, Dated 14/APR/2021
8. C/W CAMP 349902 Perform 14 day chart update. Next due 7/9/21
9. C/W SB 70-118-27-AM01 Para (C) Cleaning "SAGEM/AVIAC" Flap actuator , service bulletin and lubrication of actuator rod

The following serialized parts were replaced

Description	P/N off	S/N off	P/N on	S/N On	Status
Main Battery	RG380E144	70006094	RG380E144	70005631	OVH
LH main tire	185F03-5	Unknown	185F03-5	10810045	New
RH Main tire	185F03-5	Unknown	185F03-5	1083348	New

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: 	A&P	4267056	Date: July 1, 2021
Peter Zuligswais			

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

18

Date:	Temps de vol depuis la précédente opération d'entretien	Heures depuis l'entretien majeur	Nombre
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entretien
motive

In Line Aviation Group

WO 081621-0R7

Make/Model: Socata TBM 930	S/N: 1113	Reg.# N900RJ	TTAF: 1193.8	TTE:	LNDS: 833	APU HOBBS:
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The following maintenance was performed in reference to Manufacturers Maintenance Manual:

1. C/W CAMP card SB 70-118-27 AMO1 Para (A) check Sagem/Aviac flap actuator service bulletin of play.
2. C/W CAMP card 24-30-05-730-801 Stand by generator – check brushes for wear.

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:		A&P	3819452	Date:	8/16/21
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Page 1 of 1

accomplished.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

18

Détails vérifications et travaux entretien - Révisions partielles ou générales

Modifications - Essais en vol

Particulars of inspections and maintenance - Minor or major overhauls

Modifications - Test flights

Cachet - Signature réparateur

Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

In Line Aviation Group

WO 082621-0RJ

Make/Model: Socata TBM 930	S/N: 1113	Reg.# N900RJ	TTAF: 1202.9	TTE:	LNDS: 842	APU HOBBS:
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The following maintenance was performed in reference to Manufacturers Maintenance Manual:

1. C/W CAMP card 24-30-05-910-801 (Stand by generator) Alternator. Alternator from Quality Aircraft Accessories, Form tracking # 066531, Approval # QYIR334Y, Dated 09/SEP/2020

The following serialized parts were replaced

Description	P/N off	S/N off	P/N on	S/N On	Status
Alternator	ES-10024B-5	H-P090831	ES-10024B-5	H-T100673	Repaired

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: 	A&P	3136610	Date:	8-26-21
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Page 1 of 1

accomplished.

Airframe

N900RJ

LOG BOOK ENTRY

Page 1 of 1
1113

A/C REG: _____

A/C S/N: _____

DATE: 09/23/2021

A/C TOTAL TIME:

HOUR METER: 1221.6

W/O NO: A-21-4936

ENGINE TOTAL TIME

S.M.O.H.

1. Removed #1 pitot tube P/N PH502 S/N A2308 and installed new pitot tube P/N PH502 S/N AS04218105. 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 Record Of The Repair Is On File At This Repair Station Under:

W/O# A-21-4936 Date: 09/23/2021 Signed: _____**Columbia Air Services, Inc.**

Groton-New London Airport Groton, CT 06340 FAA Certified Repair Station # SO5R204N

Airframe

N900RJ

LOG BOOK ENTRY

Page 1 of 1

1113

A/C REG: _____

A/C S/N: _____

DATE: 09/23/2021

A/C TOTAL TIME:

HOUR METER: 1221.6

W/O NO: A-21-4936

ENGINE TOTAL TIME

S.M.O.H.

FLY				AT			
TRUE	PILOT	CO-PILOT	STBY	TRUE	PILOT	CO-PILOT	STBY
-1000	0	0	-10	14000	0	-10	+20
0	0	0	-10	16000	0	-10	+20
500	0	0	-10	18000	0	-10	+30
1000	0	0	-10	20000	0	-10	+30
1500	0	0	-10	22000	0	-10	+40
2000	0	0	-10	25000	0	-10	+50
3000	0	0	-10	30000	0	-20	+60
4000	0	0	-10	35000	0	-20	+70
6000	0	0	0	40000	N/A	N/A	N/A
8000	0	-10	0	45000	N/A	N/A	N/A
10000	0	-10	+10	50000	N/A	N/A	N/A
12000	0	-10	+10				

Altimeter Corrections

Certified to 35,000ft

MAINTENANCE RELEASE

I CERTIFY THAT THE TRANSPONDER/ALTIMETER/STATIC TESTS OF FAR 91.411 AND FAR 91.413 HAVE BEEN COMPLIED WITH IN THIS AIRCRAFT PER 14 CFR 43 APPENDIX E AND F.

Altimeter #1 1SW006787 Altimeter #2 1SW006789 Altimeter #3 K15-12024 Transponder #1 89106006 Transponder #2 89130482

W/O# A-21-4936 DATE 09/23/2021 DUE DATE 09/2023 SIGNED [Signature]
 FOR COLUMBUS AIR SERVICES, INC. FAA CERTIFIED REPAIR STATION # S05R204N GROTON, CT 06340

A/C REG: N900RJA/C S/N: 1113DATE: 9/29/21A/C TOTAL TIME: 1221.6HOUR METER: 1221.6W/O NO: MWO-21-6718ENGINE TOTAL TIME 1221.6

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

1. Complied with an C+/Annual Inspection in accordance with FAR Part 43 Appendix D using Daher TBM 930/940 Maintenance Manual chapters 05-20-02(A1) and 05-20-05(A1) as a guide. Researched AD's through Bi-Weekly 2021-20.
2. Complied with the following special checks:
 - ✕ 1200 hour protection of external fittings.
 - ✕ 1 year spoiler and aileron cable assembly on wing, rudder cables and elevator trim tab control cables tension and safetying of turnbuckles. Adjusted and safetied elevator trim tab control cable in accordance with Daher TBM 930/940 M.M. chapter 27-30-00.
 - ✕ 1 year gaseous oxygen system condition, attachment, and operational test.
 - ✕ 1 year placards and markings, area 100 inspection.
 - ✕ 600 hour compressor belt replacement. Removed and replaced belt with new, P/N: 6046297261.
 - ✕ 6 month Concorde lead acid battery (recurring) capacity check. Removed, boost charged, and performed discharge capacity check of battery, Battery failed capacity check. Removed and replaced battery with new, P/N: TG-380E/44 S/N: 41162767. Charged and installed battery. Work performed in accordance with Concorde Drawing: 5-0171 Rev. Q. (S/N removed: 40897146)
 - ✕ 600 hour stand-by generator brushes condition and cleanliness. Removed and replaced brush assembly with new, P/N: ALE1013AS.
 - ✕ 3 year hydraulic system fluid replacement. Drained and reserviced with MIL-PRF-5606H hydraulic fluid.
 - ✕ 1 year propeller periodic inspection.
 - ✕ 400 hour/1 year propeller lubrication.

-----CONTINUED-----

WO NO.

MWO-21-6718

- ✕ 600 hour/1 year beta ring and carbon block dimensional check. Removed and replaced beta feedback carbon block with new, P/N: A-3026.
- ✕ 1 year interior and exterior placards and markings, area 200 inspection.
- ✕ 3 year standby compass compensation.
- ✕ 2 year standby indicator calibration check.
- ✕ 6 year crew masks overhaul. Removed and replaced pilot and co-pilot oxygen masks with overhauled units, P/N: MC10-02-121 S/N: SE23788 and 23789. Ref. Safran Aerosystems Services Americas, LLC W/O#s 0050983613/MRO-21-01529 and 0050983612/MRO-21-0130. Operational and leak checks satisfactory. Work performed in accordance with Daher TBM 930/940 M.M. chapter 35-11-02. (S/N's removed: B105820 and B105814)
- ✕ 1 year passenger masks, gaseous oxygen, inspection and cleaning.
- ✕ 6 year altimetric valve overhaul. Removed and replaced altimetric valve with an overhauled unit, P/N: DVE90-08 S/N: 9389. Ref. Safran Aerosystems Services Americas, LLC W/O# 0050982541/4500943511. Leak check satisfactory. Work performed in accordance with Daher TBM 930/940 M.M. chapter 35-21-02.
- ✕ 1 year B35, B36, and B37 servo-actuators cable condition and tension checks.
- ✕ 1 year B35, B36, B37, and B38 servo-actuators slip clutch manual override check.
- ✕ 2 year Air Total fire extinguisher weight and pressure check.
- ✕ 1 year drain under floor condition, cleanliness, and attachment check.
- ✕ 1 year placards and markings, area 210 inspection.
- ✕ 600 hour fuel unit filter replacement. Removed and replaced filter with new, P/N: 6007707270.
- ✕ 1 year water separator filter condition and cleanliness.
- ✕ 1 year placards and markings, area 300 inspection.
- ✕ 1200 hour fixed horizontal stabilizer and fin ultrasonic, fibroscopic and taping. Ultrasoninc inspection performed by Tailwind Inspection, Inc. (Tulsa, OK) W/O# 14931. All checks satisfactory.
- ✕ 1200 hour elevators, rudder, flaps and ailerons fibroscopic and taping. Removed and replaced rudder bonding strap with new, P/N: T700A2470031001.
- ✕ 1 year placards and markings, area 500 inspection.
- ✕ 1 year left and right wing flap rollers lubrication.

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Airframe**Columbia Air Services, Inc.
LOG BOOK ENTRY**

Page 1 of 3

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

DATE: 6/3/20

A/C TOTAL TIME: 762.0

HOUR METER: 762.0

W/O NO: MWO-20-6370

ENGINE TOTAL TIME 762.0

S.M.O.H.

1. Complied with Daher 15 year gaseous oxygen cylinder and regulator replacement. Removed and replaced cylinder assembly with new, P/N: 2213-6519 S/N: 1134. Serviced oxygen system with Aviators Breathing Oxygen. Operational and leak checks satisfactory. (S/N removed: 921) **Next hydrostatic retest due 4/30/23 as stated on cylinder assembly.**
2. Complied with 30 day fire extinguisher reweigh per Part 135 requirement.
3. Updated CAMP with Trend and report files.

-----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-20-6370 DATE: 6/3/20 SIGNED: FOR **Columbia Air Services, Inc.** FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

- ✕ 1 year placards and markings, area 600 inspection.
 - ✕ 1 year gaseous oxygen cylinder inspection.
 - ✕ 1 year placards and markings, area 700 inspection.
 - ✕ 1200 hour rudder torque shaft siccative oil application.
 - ✕ 1 year nose and main landing gear condition and leak check.
 - ✕ 1 year nose and main landing gear axle lubrication.
 - ✕ 1 year nose and main landing gear shock-absorber inflation pressure check.
 - ✕ 5 year nose and main landing gear play check, internal and external anti-corrosion protections, torque links dimensional check and shock-absorber oil change. Removed and replaced nose gear lower torque link axle, P/N: 22588-000-01 and bushings, P/N: 22571-000-01EB (Qty 2), with new.
 - ✕ 1 year post maintenance flight check.
3. Removed and replaced ELT battery with new, P/N: 8302. Inspected ELT in accordance with FAR 91.207d, found to be satisfactory. **Battery replacement next due: 12/31/27.**
4. Complied with 200 hour/1 year static pressure ports inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
5. Complied with 200 hour/1 year external surfaces inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 53-00-00. Found to be satisfactory.
6. Complied with **Daher SB 70-118 Amend. 1**, "SAGEM/AVIAC" Flap actuator. Performed play check between drive nut and internal actuator rod per Paragraph A, found to be satisfactory. Cleaned and lubricated flap actuator rods per Paragraph C. **Paragraphs A/B & C next due: 1421.6 ACTT or 9/30/22.**
7. Complied with **Daher SB 70-278**, Winglet wiring routing. Removed left and right winglets and inspected wiring for condition. Drilled three (3) new holes per Figure 1 Detail A. Installed four (4) new clamp supports, P/N: 7791242121 (Qty 2) and 7788243024 (Qty 2). Reinstalled winglet. No further action required.
8. Reviewed the Pilot's Operating Handbook (P.O.H.) and found it to be at the current revision (Rev. 5).
9. Removed and replaced pilot door stop fitting, P/N: T700B52104211000, stop, P/N: T700B526013310200 and rod, P/N: T700B521030200100, with new. Operational check satisfactory. Work performed in accordance with Daher TBM 930/940 M.M. chapter 52-12-01.
10. Removed and replaced inertial particle separator door with new, P/N: T700H6006000300.

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WO NO.

MWO-21-6718

11. Removed and replaced pilot door step safety walk with new, P/N: 4299501101.
12. Removed and replaced brake reservoir cap gasket with new, P/N: 7423410085.
13. Adjusted main cabin door steps and cables in accordance with Daher TBM 930/940 M.M. chapter 52-60-00. Operational check satisfactory.

WO NO.

MWO-21-6718

14. Serviced oxygen system as required with Aviators Breathing Oxygen.
15. Removed, disassembled, cleaned, inspected, reassembled using new o-rings and reinstalled pilot's left toe brake piston. Bled brake system. Operational and leak checks satisfactory.
16. Defueled aircraft. Removed, cleaned, resealed and reinstalled left wing fuel panel #531 and resealed inside of wing spar. Removed, cleaned, resealed and reinstalled one (1) right wing fuel panel. Refueled aircraft. Leak check satisfactory.
17. Lubricated accessory drive in accordance with Daher TBM 930/940 M.M. chapter 24-30-00.
18. Replaced upper and lower tail cone gaskets with new, P/N: 4247752580.
19. Removed and replaced left wing deice boot patches with new.
20. Removed and replaced right wing fuel cap lanyard with new, P/N: 7754011612.
21. Removed and replaced right landing gear brake line cushion clamps with new, P/N: 7141381053 (Qty 2) and 7141381053 (Qty 2).
22. Removed and replaced right main landing gear actuator weep line with new, P/N: 7824340001.
23. Removed and replaced left and right brake linings with new, P/N: 109-01500 (Qty 64).
24. Removed and replaced one (1) nose wheel bearing and race with new, P/N: 214-03200 and 214-03300.
25. Replaced one (1) upper cowl fastener with new, P/N: 7022130007.
25. Resecured aft upper cowl mirror bracket.
26. Performed post inspection ground run. Operational and leak checks satisfactory.

COLUMBIA AIR SERVICES, INC.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N. Work Order # MWO-21-6718
I certify that this Airframe 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: 9/29/21 A/C Total Time: 1221.6

Signature: _____



-----END-----

Airframe

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N900RJA/C S/N: 1113DATE: 9/29/21A/C TOTAL TIME: 1221.6HOUR METER: 1221.6W/O NO: MWO-21-6718ENGINE TOTAL TIME 1221.6S.M.O.H.
(CSN: 794)

1. The following Daher special check was performed during the C+/Annual inspection but were omitted from the entry:
✱ 3 year shimmy damper hydraulic fluid replacement. Drained and reserviced with PSF 100cst hydraulic fluid.

-----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 # S05R204N GROTON, CT 06340

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

23

Détails vérifications et travaux entretien - Révisions partielles ou générales

Modifications - Essais en vol

Cachet - Signature réparateur

Approbation pour remise en service

Particulars of ir

In Line Aviation Group

WO 113021-0RJ

Make/Model: TBM 930	S/N: 1113	Reg.# N900RJ	TTAF: 1280.4	TTE:	LNDS: 897	APU HOBBS:
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The following maintenance was performed in reference to Manufacturers Maintenance Manual:

1. Deferred SB 70-238-27-R01 stick shaker retrofit until the next heavy maintenance event

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 accomplished.

Signature:	 Adam Xistris	A&P	3819452	Date:	11/30/21
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SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

24

	Temps de vol depuis la précédente opé-	Heures depuis entretien majeur	Nombre d'atterrissages
<i>In Line Aviation Group</i>			


Make/Model: TBM 930	S/N: 1113	Reg.# N900RJ	TTAF: 1286.3	TTE:	LNDS: 905	APU HOBBS:
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- The following maintenance was performed in reference to Manufacturers Maintenance Manual:*
1. C/W FAA 2021-23-12 Indicating/recording/navigation-radio (radar) altimeter – AFM revision to incorporate limitations. C/W AD 2021-23-12 by inserting the AD into the aircrafts AFM. No further action required.

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 accomplished.

Signature:	 Adam Xistris	A&P	3819452	Date:	12/22/21
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Airframe

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N900RJA/C S/N: 1113DATE: 1/28/22A/C TOTAL TIME: 1304.5HOUR METER: 1304.5W/O NO: MWO-22-6847ENGINE TOTAL TIME 1304.5

S.M.O.H. (CSN: 922)

1. Complied with Daher 3600 hour/6 year propeller overhaul special check. Removed and replaced propeller with an overhauled unit, P/N: HC-E5N-3C/NC8834K S/N: RJ14. Ref. Hartzell Service Center (Piqua, OH) W/O# 19982. Torqued and safetied hardware. Operational and leak checks satisfactory. Work performed in accordance with Hartzell Propeller Owner's Manual #147 and Daher TBM 930/940 M.M. chapter 61-10-01. (S/N removed: RJ190) **See propeller log for further details.**
2. Removed and replaced main cabin door stop with new, P/N: T700B52100191000. Cleaned and lubricated main cabin door proximity switch. Work performed in accordance with Daher TBM 930/940 M.M. chapter 12-21-02. Operational 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/LEADER.

W/O# MWO-22-6847DATE: 1/28/22SIGNED: FOR **Columbia Air Services, Inc.** FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

25

Dates	Temps de vol depuis la précédente opération d'entretien	Heures depuis entretien majeur	Nombre d'atterrissages
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In Line Aviation Group

WO 041122-0RJ

Make/Model: TBM 930	S/N: 1113	Reg.# N900RJ	TTAF: 1363.3	TTE:	LNDS: 955	APU HOBBS:
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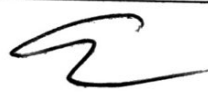
The following maintenance was performed in reference to Manufacturers Maintenance Manual:

1. C/W FAA 2021-25-10 Oil cooler air induction duct-modification
Not applicable at this time due to Daher SB -70-254 being complied with by Columbia Air Services W/O # MWO 19-5990 dated 01/22/19

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 accomplished.

Signature:	 Adam Xistris	A&P	3819452	Date:	04/11/22
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Airframe Logbook
N900RJ - TBM 930, S/N 1113
Facility:
Airframe Hours: 1408.2
Airframe Flts: 0

WO: 060722-0RJ

Certificate #:
Airframe Cyc/Lndgs:

08-Jun-22

AP 4267056

986

THE FOLLOWING SERVICE BULLETINS WERE ACCOMPLISHED:

	SERVICE BULLETIN	DESCRIPTION
1	70-118-27 AM01 PARA (A)	CHECK "SAGEM/AVIAC" FLAP ACTUATOR, SERVICE BULLETIN OF PLAY MOC: COMPLIED WITH Next Due: 1421.6 HOURS , 30-SEP-2022
2	70-118-27 AM01 PARA (C)	CLEANING "SAGEM/AVIAC" FLAP ACTUATOR, SERVICE BULLETIN AND LUBRICATION OF ACTUATOR ROD MOC: COMPLIED WITH Next Due: 1421.6 HOURS , 30-SEP-2022

COMPONENT REMOVAL/INSTALLATION:

	TASK NUMBER	DESCRIPTION	P/N OFF	S/N OFF	P/N ON	S/N ON	PART TIMES
1	24-30-04-900-801	MAIN BATTERY	TG-380E/44	41162767 RSN Removed: A- TIME EXPIRED	RG-380E/44	41162767 Part Condition: Overhauled	TSO: 1 MOS 0 HRS 0 AFL

THE FOLLOWING INSPECTION ITEMS / TASKS WERE ACCOMPLISHED:

	TASK NUMBER	DESCRIPTION
1	05-20-02	STANDARD PROGRAM - A INSPECTION
2	73-10-07-130-801	P3 FILTER - ULTRASONIC CLEANING. CHECK FOR CONDITION AND ATTACHMENT.
3	24-30-04-760-803	LEAD-ACID BATTERY - CHECK CAPACITY
4	25-65-01-200-801	INSPECT PILOT LIFE VEST Update Note: EXPIRES DECEMBER 2024.
5	25-65-01-200-802	INSPECT COPILOT LIFE VEST Update Note: EXPIRES DECEMBER 2024
6	34-28-00-070-801	ELECTRONIC FLIGHT INSTRMENT SYSTEM - REMOVE DATA FOM SD CARDS

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: Peter Lulgjuraj

Certificate #:

AP 4267056

Airframe

LOG BOOK ENTRY

Page 1 of 1
1113A/C REG: N900RJ

A/C S/N: _____

DATE: 10/11/2022

A/C TOTAL TIME:

HOUR METER: 1462.8

W/O NO: A-22-5155

ENGINE TOTAL TIME

S.M.O.H.

1. Complied with Daher **SB#70-282-34** "Garmin G3000 GDU software Version 20.92 (SW P/N 006-B2234-06)" Revision 1, MOD70-549-00 Version E, MOD70-0052-92 Version C and MOD70-0719-34 Version A. Operational 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# A-22-5155 Date: 10/11/2022 Signed: _____**Columbia Air Services, Inc.**

Groton-New London Airport Groton, CT 06340 FAA Certified Repair Station # SO5R204N

A/C REG: N900RJA/C S/N: 1113DATE: 10/19/22A/C TOTAL TIME: 1462.8HOUR METER: 1462.8W/O NO: MWO-22-7034ENGINE TOTAL TIME 1462.8

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

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 2022-21.
2. Complied with the following special checks:
 - ✕ 1 year spoiler and aileron cable assembly on wing, rudder cables and elevator trim tab control cables tension and safetying of turnbuckles.
 - ✕ 1 year gaseous oxygen system condition, attachment, and operational test.
 - ✕ 1 year placards and markings, areas 100, 210, 300, 500, 600 and 700 presence and readability.
 - ✕ 600 hour compressor belt replacement. Removed and replaced belt with new, P/N: 6046297261.
 - ✕ 6 month Concorde lead acid battery (recurring) capacity check. Removed, boost charged, and performed discharge capacity check of battery, Battery passed capacity check at low end of limits. Performed reconditioning procedure and 2nd capacity check. Battery passed at 100%. Charged and installed battery. Work performed in accordance with Concorde Drawing: 5-0171 Rev. Q. (S/N: 41162767)
 - ✕ 1200 hour starter-generator overhaul. Removed and replaced starter-generator with an overhauled unit, P/N: MG94K-1 S/N: 0286. Ref. AMETEK Advanced Industries Inc. (Wichita, KS) W/O# V1434526. Operational check satisfactory. Work performed in accordance with Daher TBM 930/940 M.M. chapter 24-30-03 and **Daher SI 2022-003**. (S/N removed: 139)
 - ✕ 600 hour stand-by generator belt replacement. Removed and replaced belt with new, P/N: 7133280007. Work performed in accordance with Daher TBM 930/940 M.M. chapter 24-30-05.
 - ✕ 1 year propeller periodic inspection.
 - ✕ 400 hour/1 year propeller lubrication.

-----CONTINUED-----

WO NO.

MWO-22-7034

- * 600 hour/1 year beta ring and carbon block dimensional check.
 - * 1 year interior and exterior placards and markings, area 200 inspection.
 - * 2 year outflow and safety valves seat cleaning.
 - * 2 year lightweight data recorder operational test.
 - * 1 year passenger masks, gaseous oxygen, inspection and cleaning.
 - * 1 year B35, B36, and B37 servo-actuators cable condition and tension checks.
 - * 1 year B35, B36, B37, and B38 servo-actuators slip clutch manual override check.
 - * 1 year drain under floor condition, cleanliness, and attachment check.
 - * 1 year water separator filter condition and cleanliness.
 - * 6000 hour/10 year vertical stabilizer fatigue and corrosion. Removed and replaced expandable bolts with new, P/N: 7022810298 (Qty 2) and 7022810299 (Qty 2).
 - * 1 year left and right wing flap rollers lubrication.
 - * 1 year gaseous oxygen cylinder inspection.
 - * 5 year gaseous oxygen cylinder hydrostatic retest. Removed and reinstalled oxygen cylinder, P/N: 2213-6519 S/N: ALT279-30174/1134, after hydrostatic retest. Ref. Aerospace Turbine Rotables Inc. (Wichita, KS) W/O# 185458. Serviced oxygen system with Aviators Breathing Oxygen. Operational and leak checks satisfactory.
 - * 1 year nose and main landing gear condition and leak check.
 - * 1 year nose and main landing gear axle lubrication.
 - * 1000 landings nose and main landing gear wheels overhaul. Removed and replaced nose and main wheel assemblies with overhauled units, P/N: 40-262AA (Nose), 40-434 (Main) S/N: 2266 (Nose), 2831 (LH) and 2832 (RH). Ref. Boeing Distribution, Inc. (Parsippany, NJ) W/O#'s 2000473303 (Nose), 2000473306 (LH) and 200473304 (RH). (S/N's removed: 2111 (Nose), 2312 (LH) and 2313 (RH))
 - * 1 year nose and main landing gear shock-absorber inflation pressure check.
 - * 1000 landings/7 year nose landing gear hinge pin securing bolt replacement. Removed and replaced bolt with new, P/N: 5101301111.
 - * 1 year post maintenance flight check.
3. Inspected ELT in accordance with FAR 91.207d, found to be satisfactory. **Battery replacement due: 12/31/27.**

-----CONTINUED-----

WO NO.

MWO-22-7034

4. Complied with 400 hour/2 year pitot tubes inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
5. Complied with 200 hour/1 year static pressure ports inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
6. Complied with 800 hour/4 year air data system lines inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
7. Complied with 400 hour/2 year air data system inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
8. Complied with 200 hour/1 year external surfaces inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 53-00-00. Found to be satisfactory.
9. Complied with 1200 hour exposed section of the propeller blade coin-tap inspection in accordance with Hartzell Propeller Owner's Manual #147. Found to be satisfactory.
10. Complied with 600 hour propeller blade erosion shield coin-tap inspection in accordance with Hartzell Propeller Owner's Manual #147. Found to be satisfactory.
11. Complied with Columbia Air Services, Inc. recommended 1 year airframe fuel filter inspection. Found to be satisfactory.
12. **AD 2021-23-12** amend. 39-21810 dated 12/9/21, Radio altimeter, does not apply to Part 23 "Normal" category aircraft. No action required.
13. Complied with **AD 2021-24-13** amend. 39-21834 dated 1/12/22, "DUMP" and "MICRO" switches. Inspected switches and verified seals are installed. No further action required.
14. **AD 2021-25-10** amend. 39-21854 dated 1/24/22, Oil cooler air induction duct, was found in compliance by previous compliance with **Daher SB 70-254** on 1/22/19 @ 418.5 ACTT. No action required.
15. Complied with **Daher SB 70-118 Amend. 1**, "SAGEM/AVIAC" Flap actuator. Performed play check between drive nut and internal actuator rod per Paragraph A, found to be satisfactory. Cleaned and lubricated flap actuator rods per Paragraph C. **Paragraphs A/B & C next due: 1662.8 ACTT or 10/31/23.**
16. Complied with **Daher SB 70-300 Rev. 2**, Air conditioning system electrical protection. Installed a fuse holder, P/N: 7694153112 and 5 amp fuse, P/N: 7298221529 at the P42 connector wiring. No further action required.

-----CONTINUED-----

LOG BOOK ENTRY (CONT.)

Airframe Cont'd

Page 4 of 5

WO NO.

MWO 22-7034

17. Complied with **Daher SB 70-304**, Emergency exit door opening. Reidentified the emergency trim panel to P/N: T700G2520060001. Installed new self-gripping strap, P/N: T700G252006500100. No further action required.
18. Reviewed the Pilot's Operating Handbook (P.O.H.) and found it to be at the current revision (Rev. 5). Inserted temporary revision TR29 in P.O.H.
19. Repaired right rudder skin due to overtravel in accordance with Daher Modification No. 70147 and Drawing No. T700A51.20584. Removed and replaced vertical stabilizer rudder stops, P/N: T700A5530076000 (LH) and T700A5530076001 (RH), mounting plates, P/N: T700A5530088100 (Qty 2), and lower rudder bearing attach bracket, P/N: T700A5530075100, with new. Adjusted rudder secondary stops. Operational and travel checks satisfactory. Work performed in accordance with Daher TBM 930/940 M.M. chapters 55-30-00 and 55-40-00.
20. Fabricated and installed a new attach bracket on right inboard flap roller fairing.
21. Removed and replaced one (1) right wing deice boot patch with new.
22. Resecured pilot "Baro" knob hardware.
23. Removed and replaced main cabin door "Press to Unlock" interior placard with new, P/N: T700B113000510800.
24. Repositioned pilot side interior upper wall to the correct position.
25. Defueled left wing. Cleaned and inspected fuel drain. Refueled wing, leak check satisfactory. Work performed in accordance with Daher TBM 930/940 M.M. chapter 28-10-01.
26. Sealed leading edges of propeller deice boots.
27. Repositioned and ressecured propeller deice wiring harnesses.
28. Removed and replaced one (1) brake line cushion clamp with new, P/N: 7141381053.
29. Removed and replaced left and right aileron outboard hinge fittings with new, P/N: T700A5760003000 (Qty 1) and T700A5760003001 (Qty 1). Replaced stop bolts with new, P/N: 5102967200 (Qty 2). Operational and travel checks satisfactory. Work performed in accordance with Daher TBM 930/940 M.M. chapters 27-10-00 and 57-60-00.
30. Removed and replaced pilot door open stop rubber ring with new. Adjusted stop in accordance with Daher TBM 930/940 M.M. chapter 52-12-00. Operational check satisfactory.
31. Removed and replaced left and right main tires with new 18x5.5 10ply tires, P/N: 185F03-5 S/N: 20730092 (LH) and 10810045 (RH).

-----CONTINUED-----

32. Removed and replaced left brake assembly with an overhauled unit, P/N: 030-19100 S/N: 1502. Ref. Boeing Distribution, Inc. (Parsippany, NJ) W/O# 2000439038. Bled air from brake system. Work performed in accordance with Daher TBM 930/940 M.M. chapter 32-10-02. (S/N removed: 1153)

WO NO.

MWO-22-7034

33. Removed and replaced right brake linings provided in Standard Brake Kit P/N: 30-191-OSK-OAA.

34. Removed, cleaned, inspected and reinstalled right main brake assembly pistons using new o-rings. Leak check satisfactory.

35. Removed and replaced right main landing gear actuator weep line with new, P/N: 7824340001.

36. Removed and replaced brake reservoir gaskets with new, P/N: 7061551012 (Qty 2). Leak check satisfactory.

37. Performed post inspection ground run. Operational and leak checks satisfactory.

-----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 Airframe 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: 1462.8

Signature: 

DUNCAN
AVIATION

Dates

Dates

Airframe Log EntryReg. # N900RJ
S/N: 1113
Hrs: 1575.7Make: Socata
Model: TBM 930
Lnds: 1136

Date : 21 November 2023

1. Removed and replaced #1 Touch Screen Controller (GTC580). Ops check good IAW TBM G3000 Line Maintenance Manual. No defects noted.

PN off/on - 011-03281-00 SN off - 3QQ001002 SN on - 3QQ001455

2. Removed and replaced TCAS Processor (GTS820). Ops check good IAW TBM G3000 Line Maintenance Manual. No defects noted.

PN off/on - 011-01446-00 SN off - 1EA005797 SN on - 1EA00560

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.

The above described repair or maintenance is approved for return to service. A detailed record is on file under Work Order: # K2KKA

Signed: Alexander Posson Q.I. 2527

For Duncan Aviation CRS#JGV3194F

Phone: 203-386-0111

Airframe

N900RJ

LOG BOOK ENTRY

Page 1 of 1

1113

A/C REG: _____

A/C S/N: _____

DATE: 10/21/2022

A/C TOTAL TIME:

HOUR METER: 1462.8

W/O NO: A-22-5164

ENGINE TOTAL TIME

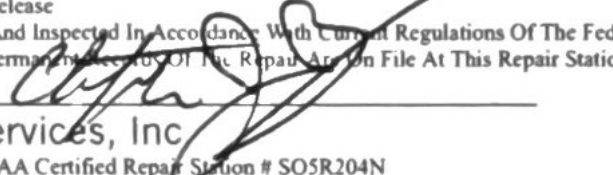
S.M.O.H.

1. Removed copilot GDU1200W P/N 011-02333-00 S/N 1ZC000318 and installed overhaul exchange unit S/N 1ZC000270. Operational 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 Record Of The Repair Is On File At This Repair Station Under:

W/O# A-22-5164 Date: 10/21/2022 Signed: 

Columbia Air Services, Inc.

Groton-New London Airport Groton, CT 06340 FAA Certified Repair Station # SO5R204N



184 AIRPORT ROAD
WHITE PLAINS, NY, USA, 10604

REGISTRATION: N900RJ

ENG # 1 PART: 3071016-01

PROP # 1 PART: HC-ESN-3C/NC8834K

DATE: 06-Apr-23

FACILITY:

MODEL: TBM 930

ENG # 1 MODEL: PT6A-66D2

PROP # 1 MODEL: HC-ESN-3C

WORKORDER #: 040623-0RJ

CERTIFICATE #: AP 4267056

S/N: 1113

ENG # 1 S/N: PCE-RV0462

PROP # 1 S/N: RJ14

A/C	HRS:	AFL:	FLTS:	TITLE
ENG 1	1516.8	1076	0	
PROP 1	212.3	ENC: 1076		

AIRCRAFT

THE FOLLOWING MAINTENANCE WAS ACCOMPLISHED:

TASK NUMBER	DESCRIPTION
1 24-30-04-760-803	LEAD-ACID BATTERY - CHECK CAPACITY
2 24-30-04-900-801	MAIN BATTERY P/N Off: RG-380E/44 S/N Off: 41162767 Reason Removed: A-TIME EXPIRED P/N On: RG-380E/44 S/N On: 70017646 Part Condition: Repaired Part Times: TSR: 1 MOS 0 HRS 0 AFL

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 Lugjura

Certificate #:

AP 4267056


Work Inspected By:

Certificate #:

WD 071023-0RJ						APU HOBBS:	
Make/Model: TBM 930	S/N: 1113	Reg.# N900RJ	TTAF: 1539.6	TTE:	LNDS: 1098		
See also reference to Manufacturers Maintenance Manual:							

1. C/W CAMP 70-326-71 Replacement of the inertial separator (IPS) aft lever service bulletin. Item deferred until next inspection.

<u>The following serialized parts were replaced</u>					
Description	P/N off	S/N off	P/N on	S/N On	Status

Signature:	 Adam Xistris	A&P	3819452	Date:	07/10/23

[illegible]

Airframe

N900RJ

LOG BOOK ENTRY

Page 1 of 1

1113

A/C REG: _____

A/C S/N: _____

DATE: 09/12/2023

A/C TOTAL TIME:

HOUR METER: 1554.9

W/O NO: A-23-5374

ENGINE TOTAL TIME

S.M.O.H.

FLY				AT			
TRUE	PILOT	CO-PILOT	STBY	TRUE	PILOT	CO-PILOT	STBY
-1000	0	-5	-10	14000	0	-10	+25
0	0	0	-5	16000	0	-10	+30
500	0	-5	-5	18000	0	-10	+40
1000	0	-5	-10	20000	0	-10	+45
1500	0	-5	-5	22000	0	-15	+55
2000	0	0	-5	25000	0	-15	+60
3000	0	0	-5	30000	0	-20	+80
4000	0	-5	0	35000	0	-20	+100
6000	0	-5	+5	40000	N/A	N/A	N/A
8000	0	-10	+5	45000	N/A	N/A	N/A
10000	0	-10	+15	50000	N/A	N/A	N/A
12000	0	-10	+20				

Altimeter Corrections

Certified to 35,000ft

MAINTENANCE RELEASE

I CERTIFY THAT THE TRANSPONDER/ALTIMETER/STATIC TESTS OF FAR 91.411 AND FAR 91.413 HAVE BEEN COMPLIED WITH IN THIS AIRCRAFT PER 14 CFR 43 APPENDIX E AND F.

Altimeter #1 1SW006787 Altimeter #2 1SW006789 Altimeter #3 K12-12024 Transponder #1 8910006 Transponder #2 89130482

W/O# A-23-5374 DATE 09/12/2023 DUE DATE 09/2025 SIGNED _____

FOR COLUMB50 AIR SERVICES, INC. FAA CERTIFIED REPAIR STATION # SO5B204N GROTON, CT 06340

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Airframe

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 4

A/C REG: N900RJ

A/C S/N: 1113

DATE: 9/19/23

A/C TOTAL TIME: 1554.9

HOUR METER: 1554.9

W/O NO: MWO-23-7292

ENGINE 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:
 - * 1 year spoiler and aileron cable assembly on wing, rudder cables and elevator trim tab control cables tension and safetying of turnbuckles.
 - * 1500 hour/4 year fuel strainers/flapper valves.
 - * 1 year gaseous oxygen system condition, attachment, and operational test.
 - * 1 year placards and markings, areas 100, 210, 300, 500, 600 and 700 presence and readability.
 - * 6 month Concorde lead acid battery (recurring) capacity check. Removed, boost charged, and performed discharge capacity check of battery, Battery passed Charged and installed battery. Work performed in accordance with Concorde Drawing: 5-0171 Rev. Q. (S/N: 70017646)
 - * 1 year propeller periodic inspection.
 - * 400 hour/1 year propeller lubrication.
 - * 3 year brake reservoir hydraulic fluid.
 - * 600 hour/1 year beta ring and carbon block dimensional check.
 - * Complied with 2 year standby indicator calibration check

-----CONTINUED-----

WO NO.
MWO-23-7292

- * 1 year passenger masks, gaseous oxygen, inspection and cleaning.
 - * 1 year B35, B36, and B37 servo-actuators cable condition and tension checks.
 - * 1 year B35, B36, B37, and B38 servo-actuators slip clutch manual override check.
 - * 1 year drain under floor condition, cleanliness, and attachment check.
 - * 1 year water separator filter condition and cleanliness.
 - * 1 year left and right wing flap rollers lubrication.
 - * 1 year gaseous oxygen cylinder inspection.
 - * 1 year nose and main landing gear condition and leak check.
 - * 1 year nose and main landing gear axle lubrication.
 - * 1 year nose and main landing gear shock-absorber inflation pressure check.
 - * 1 year post maintenance flight check.
 - * 1 year interior and exterior placards and markings, area 200 inspection.
 - * 2 year Air Total fire extinguisher check.
3. Inspected ELT in accordance with FAR 91.207d, found to be satisfactory. **Battery replacement due: 12/31/27.**
4. Complied with 200 hour/1 year static pressure ports inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
5. Complied with 200 hour/1 year external surfaces inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 53-00-00. Found to be satisfactory.
6. Complied with 600 hour/1year propeller blade erosion shield coin-tap inspection in accordance with Hartzell Propeller Owner's Manual #147. Found to be satisfactory.
7. Complied with Columbia Air Services, Inc. recommended 1 year airframe fuel filter inspection. Found to be satisfactory.
8. **AD 2023-11-12** amend. 39-22458 dated 7/21/23 previously complied with on 10/19/22 @1462.8 No action required.
9. Complied with Biennial recertification of altimeters and transponders per FAR's 91.411 & 91.413.

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WO NO.

MWO-23-7292

10. Complied with Daher SB 70-326, Replacement of the inertial separator (IPS) aft lever.
11. Complied with Daher SB 70-256 Rev. 1 Inertial Separator door seal.
12. Complied with **Daher SB 70-118 Amend. 1**, "SAGEM/AVIAC" Flap actuator. Performed play check between drive nut and internal actuator rod per Paragraph A, found to be satisfactory. Cleaned and lubricated flap actuator rods per Paragraph C. **Paragraphs A/B & C next due: 1754.9 ACTT or 9/19/24.**
13. Complied with Daher SB 70-310, Starter Generator found to be at MOD (A) no further action required.
14. Replaced gullwing door rod clip P/N: N7248064154 with new
15. Replaced Front Baggage light switch P/N: T700H521002400000 with new.
16. Replaced ELT antenna with overhauled unit, see Merl, INC W/O# M-23-0598 for details. Operational checks satisfactory.
17. Replaced brake reservoir gaskets P/N: 7061551012 with new.
18. Replaced GPU door Placard with new P/N: T700H112001210300.
19. Polished pilot/ co-pilot windshields and Pilot side window.
20. Serviced O2 system with aviators breathing oxygen.
21. Cleaned and lubricated cabin door Prox switch.
22. Re-adjusted emergency overhead light knob to make stops.
23. Cleaned and lubricated fuel selector linkage.
24. Removed and replaced RH brake linings with new, P/N: 30-191-0SK-0AA.
25. Replaced LH gear torque link bonding strap, P/N: 24175-000-00 with new.

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LOG BOOK ENTRY (CONT.)

Airframe Cont'd

WO NO.
Page 4 of 4
MWO-23-7292

26. Replaced RH actuator weep line with new, P/N: 7824340001.
27. Replaced Nose wheel bearing and race with new P/N: 214-03200/ 214-03300.
28. Reviewed the Pilot's Operating Handbook (P.O.H.) and found it to be at the current revision. (rev 5).
29. Performed post inspection ground run. Operational and leak checks satisfactory.

-----END-----

COLUMBIA AIR SERVICES, INC.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N Work Order # MWO-23-7292
I certify that this Airframe has been inspected in accordance with
an A+/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: 9/19/2023 A/C Total Time: 1551.9

Signature



Airframe

Columbia Air Services Inc.
LOG BOOK ENTRY

Page 1 of 4

A/C REG: N900RJA/C S/N: 1113DATE: 10/10/24A/C TOTAL TIME: 1644.3HOUR METER: 1644.3W/O NO: MWO-24-7649ENGINE 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:
 - ✖ 1 year spoiler and aileron cable assembly on wing, rudder cables and elevator trim tab control cables tension and safetying of turnbuckles.
 - ✖ 1 year gaseous oxygen system condition, attachment, and operational test.
 - ✖ 1 year placards and markings, areas 100, 210, 300, 500, 600 and 700 presence and readability.
 - ✖ 6 month Concorde lead acid battery (recurring) capacity check. Removed, boost charged, and performed discharge capacity check of battery, Battery failed capacity check. Removed and replaced battery with new, P/N: RG-380E/44 S/N: 41403527. Work performed in accordance with Concorde Drawing: 5-0171 Rev. Q. (S/N removed: 41223425)
 - ✖ 3 year hydraulic system fluid replacement. Drained and reserviced with MIL-PRF-5606H hydraulic fluid.
 - ✖ 1 year propeller periodic inspection.
 - ✖ 400 hour/1 year propeller lubrication.
 - ✖ 600 hour/1 year beta ring and carbon block dimensional check.
 - ✖ 1 year interior and exterior placards and markings, area 200 presence and readability.
 - ✖ 2 year outflow and safety valves seat cleaning.
 - ✖ 2 year lightweight data recorder operational test.
 - ✖ 3 year standby compass compensation.

-----CONTINUED-----

WO NO.

MWO-24-7649

- ✕ 1 year passenger masks, gaseous oxygen, inspection and cleaning.
 - ✕ 1 year B35, B36, and B37 servo-actuators cable condition and tension checks.
 - ✕ 1 year B35, B36, B37, and B38 servo-actuators slip clutch manual override check.
 - ✕ 1 year drain under floor condition, cleanliness, and attachment check.
 - ✕ 1 year water separator filter condition and cleanliness.
 - ✕ 1 year left and right wing flap rollers lubrication.
 - ✕ 1 year gaseous oxygen cylinder inspection.
 - ✕ 1 year nose and main landing gear condition and leak check.
 - ✕ 1 year nose and main landing gear axle lubrication.
 - ✕ 1 year nose and main landing gear shock-absorber inflation pressure check.
 - ✕ 3 year shimmy damper hydraulic fluid replacement. Drained and reserviced with PSF 100cst hydraulic fluid.
 - ✕ 1 year post maintenance flight check.
3. Inspected ELT in accordance with FAR 91.207d, found to be satisfactory. **Battery replacement due: 12/31/27.**
4. Complied with Columbia Air Services, Inc. recommended 1 year airframe fuel filter inspection. Found to be satisfactory.
5. Complied with 400 hour/2 year pitot tubes inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
6. Complied with 200 hour/1 year static pressure ports inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
7. Complied with 800 hour/4 year air data system lines inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
8. Complied with 400 hour/2 year air data system inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
9. Complied with 200 hour/1 year external surfaces inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 53-00-00. Found to be satisfactory.

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SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Airframe Cont'd

LOG BOOK ENTRY (CONT.)

Page 3 of 4

10. Complied with 600 hour/1year propeller blade erosion shield coin-tap inspection in accordance with Hartzell Propeller Owner's Manual #147. Found to be satisfactory.
11. Complied with 200 hour propeller deice system inspection in accordance with Hartzell Ice Protection System Manual #180. Found to be satisfactory.
12. Complied with **Daher SB 70-118 Rev. 3**, Inboard flap actuator. Performed play check between drive nut and internal actuator rod per Paragraph A, found to be satisfactory. Cleaned and lubricated flap actuator rods per Paragraph C. **Paragraphs A/B & C next due: 2044.3 ACTT or 10/31/25.**
13. Complied with **Daher SB 70-322 Rev. 1**, GSM servo actuators improvement. Removed and replaced cable retention pins with new, P/N: 233-00075-04 (Qty 9). No further action required.
14. Reviewed the Pilot's Operating Handbook (P.O.H.) and found it to be at the current revision (Rev. 5).
15. Serviced oxygen system as required with Aviators Breathing Oxygen.
16. Removed and replaced left winglet lower static wick, P/N: 7179110202 and base, P/N: 7232110021, with new. Operational check satisfactory.
17. Resealed lower TAS antenna.
18. Removed and replaced two (2) MOR cable clamps, one (1) left and one (1) right rigid brake line clamps with new, P/N: 7141381053.
19. Cleaned pilot and co-pilot's windshields in accordance with Daher TBM 930/940 M.M. chapter 12-22-04.
20. Inspected and patched right wing outboard deice boot.
21. Removed and replaced rudder middle bearing safety pin with new, P/N: 5750062320.
22. Evacuated refrigerant from air conditioning system. Removed and replaced service port schrader valves with new, P/N: 7642290001 (Qty 4). Reserviced system with R-134a refrigerant. Operational and leak checks satisfactory. Work performed in accordance with Daher TBM 930/940 M.M. chapters 12-15-01 and 12-15-02.
23. Removed and replaced forward lower engine cowl deice clamp nuts with new, P/N: 7228070007 (Qty 2).
24. Removed and replaced large door push to unlock button proximity switch detector with new, P/N: 7180340003. Operational check satisfactory. Work performed in accordance with Daher TBM 930/940 M.M. chapters 25-21-01 and 52-71-00.

WO NO.

MWO-24-7649

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LOG BOOK ENTRY (CONT.)

25. Removed and replaced right main landing gear actuator weep line with new, P/N: 7824340001.
26. Removed and replaced nose tire with new 5.00x5 10ply tire, P/N: 505T08-1 S/N: 41140013. Balanced wheel assembly.
27. Removed and replaced left and right brake linings with new provided in Standard Brake Kit P/N: 30-191-OSK-OAA.
28. Removed and replaced left wheel bearing with new, P/N: 214-01400 (Qty 1).
29. Removed, disassembled, cleaned, inspected, reassembled using new o-rings and reinstalled pilot's left brake master cylinder. Bled air from pilot and co-pilot brake systems. Leak check satisfactory.
30. Removed and replaced left and right main tires with new 18x5.5 10ply tires, P/N: 185F03-5 S/N: 30890332 and 33600110.
31. Performed post maintenance ground run. Operational and leak checks satisfactory.

-----END-----

WO NO.

MWO-24-7649

COLUMBIA AIR SERVICES, INC.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N. Work Order # MWO-24-7649

I certify that this Airframe 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: 10/10/24A/C Total Time: 1644.3Signature: 

Title: Inspector

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Airframe

LOG BOOK ENTRY

Page 1 of 1

A/C REG: N900RJ

A/C S/N: 1113

DATE: 10/10/2024

A/C TOTAL TIME:

HOUR METER: 1644.3

W/O NO: A-24-5628

ENGINE TOTAL TIME

S.M.O.H.

1. Removed #2 GTC580 P/N 011-03281-00 S/N 3QQ001006 and installed overhaul exchange unit S/N 3QQ001410. Operational 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# A-24-5628 Date: 10/10/2024 Signed: [Signature]

Columbia Air Services, Inc.

Groton-New London Airport Groton, CT 06340 FAA Certified Repair Station # SO5R204N

Airframe**Columbia Air Services, Inc.**
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N900RJA/C S/N: 1113DATE: 3/18/25A/C TOTAL TIME: 1689.6HOUR METER: 1689.6W/O NO: MWO-25-7774ENGINE 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. Removed and reinstalled propeller using an new propeller shaft seal, P/N: 3114661-01. Leak check satisfactory. Work performed in accordance with Daher TBM 930/940 M.M. chapter 61-40-01 and Hartzell Propeller Owner's Manual #147.
3. 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: [Signature]FOR **Columbia Air Services, Inc.** FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

Airframe

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N900RJA/C S/N: 1113DATE: 5/21/25A/C TOTAL TIME: 1714.7HOUR METER: 1714.7W/O NO: MWO-25-7823ENGINE TOTAL TIME 1714.7

S.M.O.H.

1. Recovered refrigerant from air conditioning system. Removed and replaced service port schrader valves with new, P/N: 1361033 (Qty 4). Replaced cockpit evaporator expansion valve tube o-rings and valve connect o-rings with new. Reserviced system with R-134a refrigerant. Leak check satisfactory. Work performed in accordance with **Daher SB 70-321 Rev. 2** instructions.
2. Serviced oxygen system as required with Aviators Breathing Oxygen.

-----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-25-7823 DATE: 5/21/25 SIGNED: FOR **Columbia Air Services, Inc.** FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

Dates

Dates

Airframe

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N900RJA/C S/N: 1113DATE: 8/29/25A/C TOTAL TIME: 1753.4HOUR METER: 1753.4W/O NO: MWO-25-7936ENGINE TOTAL TIME 1753.4

S.M.O.H.

1. Cleaned the inside and outside of pilot and co-pilot windshields and windows in accordance with Daher TBM 930/940 M.M. chapters 12-22-04 and 53-70-03.
2. Removed and replaced nose tire with new 5.00x5 10ply tire, P/N: 505T08-1 S/N: 42950138.
3. Drained shimmy damper. Removed and replaced rear rod bushing with new, P/N: 7061585029. Reserviced shimmy damper with PSF 100cst hydraulic fluid. 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-25-7936DATE: 8/29/25SIGNED: FOR **Columbia Air Services, Inc.** FAA CERTIFIED REPAIR STATION # S05R204N GROTON, CT 06340

Airframe

N900RJ

LOG BOOK ENTRY

Page 1 of 1

1113

A/C REG: _____

A/C S/N: _____

DATE: 10/29/2025

A/C TOTAL TIME: _____

HOUR METER: 1768.8

W/O NO: A-25-5868

ENGINE TOTAL TIME _____

S.M.O.H. _____

TRUE	FLY		AT		TRUE	FLY		AT	
	PILOT	CO-PILOT	STBY			PILOT	CO-PILOT	STBY	
-1000	0	0	0		14000	+5	0	+50	
0	0	0	0		16000	0	-5	+60	
500	0	0	+5		18000	0	-5	+65	
1000	0	0	+5		20000	0	-5	+75	
1500	0	0	+10		22000	0	-5	+90	
2000	0	0	+10		25000	0	-5	+105	
3000	0	0	+10		30000	0	-10	+130	
4000	0	0	+15		35000	0	-10	+165	
6000	0	0	+20		40000	N/A	N/A	N/A	
8000	0	0	+25		45000	N/A	N/A	N/A	
10000	0	-5	+30		50000	N/A	N/A	N/A	
12000	0	-5	+40						

Altimeter Corrections

Certified to 35,000ft

MAINTENANCE RELEASE

I CERTIFY THAT THE TRANSPONDER/ALTIMETER/STATIC TESTS OF FAR 91.411 AND FAR 91.413 HAVE BEEN COMPLIED WITH IN THIS AIRCRAFT PER 14 CFR 43 APPENDIX E AND F.

Altimeter #1 1SW006787 Altimeter #2 1SW006002 Altimeter #3 K12-12024 Transponder #1 90186005 Transponder #2 89130482

W/O# A-25-5868 DATE 10/29/2025 DUE DATE 10/2027 SIGNED [Signature]
 FOR COLUMBUS AIR SERVICES, INC. FAA CERTIFIED REPAIR STATION # S05R204N GROTON, CT 06340

Dates

Dates

Airframe

LOG BOOK ENTRY

Page 1 of 1

A/C REG: N900RJ

A/C S/N: 1113

DATE: 10/29/2025

A/C TOTAL TIME:

HOUR METER: 1768.8

W/O NO: A-25-5868

ENGINE TOTAL TIME

S.M.O.H.

1. Removed GIA63W P/N 011-01105-40 S/N 2DC003423 and installed exchange unit S/N 2DC001036. Operational 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# A-25-5868 Date: 10/29/2025 Signed: 

Columbia Air Services, Inc.

Groton-New London Airport Groton, CT 06340 FAA Certified Repair Station # 605R204N

Airframe

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 4

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:
 - ✕ 1 year spoiler and aileron cable assembly on wing, rudder cables and elevator trim tab control cables tension and safetying of turnbuckles.
 - ✕ 1 year gaseous oxygen system condition, attachment, and operational test.
 - ✕ 1 year placards and markings, areas 100, 210, 300, 500, 600 and 700 presence and readability.
 - ✕ 600 hour compressor belt replacement. Removed and replaced belt with new, P/N: 20286-30.
 - ✕ 1 year Concorde lead acid battery (initial) capacity check. Removed, boost charged, and performed discharge capacity check of battery, Battery passed capacity check at 100%. Work performed in accordance with Concorde Drawing: 5-0171 Rev. Q. and Daher TBM 930 A.M.M., chapter 24-30-04. (S/N: 41403527)
 - ✕ 600 hour standby-generator brushes condition and cleanliness. Removed and replaced brush set with new, P/N: ALE1013AS.
 - ✕ 200 hour/1 year propeller de-icing system inspection
 - ✕ 1 year propeller periodic inspection.
 - ✕ 400 hour/1 year propeller lubrication.
 - ✕ 600 hour/1 year beta ring and carbon block dimensional check.
 - ✕ 1 year interior and exterior placards and markings, area 200 presence and readability.
 - ✕ 2 year stand-by altimeter calibration check.

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WO NO.

MWO-25-7980

- ✖ 1 year passenger masks, gaseous oxygen, inspection and cleaning.
 - ✖ 1 year B35, B36, and B37 servo-actuators cable condition and tension checks.
 - ✖ 1 year B35, B36, B37, and B38 servo-actuators slip clutch manual override check.
 - ✖ 2 year Air Total fire extinguisher weight and pressure check.
 - ✖ 1 year drain under floor condition, cleanliness, and attachment check.
 - ✖ 1 year water separator filter condition and cleanliness.
 - ✖ 600 hour fuel unit filter replacement. Removed and replaced fuel unit filter with new, P/N: 6007707270.
 - ✖ 1 year left and right wing flap rollers lubrication.
 - ✖ 1 year gaseous oxygen cylinder inspection.
 - ✖ 1 year nose and main landing gear condition and leak check.
 - ✖ 1 year nose and main landing gear axle lubrication.
 - ✖ 1 year nose and main landing gear shock-absorber inflation pressure check. Serviced with nitrogen to proper pressures.
 - ✖ 1 year post maintenance flight check.
3. Inspected ELT in accordance with FAR 91.207d, found to be satisfactory. **Battery replacement due: 12/31/27.**
4. Complied with 200 hour/1 year static pressure ports inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 34-11-00. Found to be satisfactory.
5. Complied with 200 hour/1 year external surfaces inspection per RVSM requirement in accordance with Daher TBM 930/940 M.M. chapters 05-11-00 and 53-00-00. Found to be satisfactory.
6. Complied with 600 hour/1year propeller blade erosion shield coin-tap inspection in accordance with Hartzell Propeller Owner's Manual #147. Found to be satisfactory.
7. Complied with 200 hour propeller deice system inspection in accordance with Hartzell Ice Protection System Manual #180. Found to be satisfactory.
8. Complied with **AD 2025-01-04** amend. 39-22928 dated 3/11/25 and **Daher SB 70-118 Rev. 3**, Inboard flap actuator. Cleaned and lubricated flap actuator rods per Paragraph C. **Paragraph C next due: 2168.8 ACTT or 10/31/26.**

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WO NO.
MWO-25-7980

9. Complied with **AD 2025-02-08** amend. 39-22941 dated 3/19/15, fire protection system. Reviewed the P.O.H. and found Temporary Revision TR30 previously incorporated. No action required.

10. Complied with **Daher SB 70-260 Rev. 1**, Aileron's brush. Removed left and right aileron brushes per SB instructions. No further action required.

11. Complied with **Daher SB 70-337**, Pedestal control set improvement. Installed Daher screw kit P/N: HA12-1280-901. No further action required.

12. Daher **SL 70-068**, main wheel assembly P/N: 40-489 rupture torque, does not apply by installed wheels P/N.

13. Reviewed the Pilot's Operating Handbook (P.O.H.) and found it to be at the current revision (Rev. 5).

14. Cleaned and treated multiple areas of surface corrosion. Work performed in accordance with Daher TBM 930 M.M. chapter 20-40-01.

15. Repaired worn 311 door and door fairings as necessary.

16. Removed and replaced left and right wing flaps chafe tape with new, P/N: PM-T3H.

17. Removed and replaced left and right outboard wing deice boot patches with new, P/N: 74-451-209.

18. Removed and replaced right wing lower static wick with new, P/N: 7179110202.

19. Lubricated left aileron inboard bearing.

20. Removed and replaced right pitot tube and hardware with new, P/N: 7709063107.

21. Serviced oxygen system as required with Aviators Breathing Oxygen.

22. Removed and replaced pilot door stop bracket and rubber washer with new, P/N: T700B521042110000 and T700B526013310200.

23. Cleaned surface corrosion on left gear well wrap around panel.

24. Removed and replaced left brake linings with new provided in Standard Brake Kit P/N: 30-191-OSK-OAA.

25. Removed and replaced right brake assembly with an overhauled assembly, P/N: 030-19100 S/N: 2410. Ref. Boeing Distribution, Inc. (Parsippany, NJ) W/O # 2000599363. Operational check satisfactory. (S/N removed: 3083).

26. Removed and replaced brake reservoir banjo fitting gaskets with new, P/N: 7061551012. (Qty. 2)

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27. Cleaned and treated light surface corrosion on left rigid brake line. Replaced 3 clamps on left rigid brake line with new, P/N: 7141380065.
28. Replaced 1 clamp on right rigid brake line with new, P/N: 7141380065.
29. Removed and replaced right main landing gear torque link bonding braid with new, P/N: 24175-000-00.
30. Removed and replaced right main landing gear actuator weep line with new, P/N: 7824340001.
31. Cleaned EPA drain pipe to exhaust.
32. Performed post inspection ground run. Operational and leak checks satisfactory.

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WO NO.

MWO-25-7980

COLUMBIA AIR SERVICES, INC.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N. Work Order # MWO-25-7980
I certify that this Airframe 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