

**N313BP**

**LIVRET D'AÉRONEF**  
**AIRCRAFT LOG BOOK**

- Replaced missing chervnix rivet in left M.L.G wheel well. Work performed using standard practices AC43 13-1B as guide.
- Removed and replaced Beta ring carbon block with new carbon block PN A-3026 & new Coller Pin PN A-443. Work Performed IAW Hartzell Propeller owners manual 143.
- Cleaned, primed, and painted the outboard bully on the left bell crank. Work performed using AC43 13-1B as a guide.
- Removed and replaced R/H wing inboard drainage placard with new PN: T700A112001110300. Work performed IAW Daher AMM 11-24-00.
- Applied PR1422-B1/2 Sealant To Riv Nuts As Needed IAW AC 43 13-1B
- Remove and Replaced L/H Engine Spark Igniter with New. P/N 3032096. IAW PT6A-66D EMM 74-20-00 Ops Check Good
- Performed SB 70-167-25 Window Blinds Service Bulletin on four (4) window shades.
- Removed Damaged L/H M.L.G Torque Link Bonding Strap and Installed New. P/N Part: 6028207283. IAW TBM 700 CMM 32-11-02
- Removed R/H Center Flap Roller Bearing. Replaced with New Bearing. P/N 4999886185D-IR. IAW TBM 850 AMM 12-21-04 and 57-50-00.
- Removed L/H Brake assembly PN: 30-191 SN: 2161. Replaced with overhauled brake assembly PN: 30-191 SN: 2124. Work performed IAW Daher TBM 850 AMM 32-40-03
- Removed and reinstalled broken safety wire on R/H main wheel drive key IAW TBM 850 CMV CM40-234
- Filed, blended, and dressed propeller IAW Hartzell Propeller Owners Manual 143
- Removed and replaced L/H nosewheel steering yoke, lower roller with new PN: 7309650004. Work performed IAW Daher TBM 850 AMM 32-50-00.
- Upon Inspection Clevis Pin Hole Found To Be Lined Up Properly on Drive Spline. Clevis Pin Reinstalled and Safetied IAW TBM 850 AMM 27-50-01
- Removed and replaced aft stairway bumper with new PN: T700B526007210400 IAW TBM 850 AMM chapter 57-60-00
- Removed Artex ME406 ELT PN: 453-6603 SN: 05879 and sent out for programming to match installed registry number. N313BP Received ME406 ELT PN: 453-6603 SN: 05879 reprogrammed by Dallas Avionics CRS#: QMRM290K 8130-3 : ORM #: RMI-035486 Reinstalled and ops check satisfactory. Work performed IAW Artex CMM 570-1600 25-62-30
- Removed, and repaired both Pilot and Copilot demisting vents. Re-installed. Work performed using AC 43 13-1B as a guide.
- Removed and replaced inboard R/H horizontal Stabilizer deice supply hose with new PN: 4281861502. Work Performed IAW Daher TBM 850 AMM 30-10-06.

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- Removed and replaced inboard L/H horizontal Stabilizer deice supply hose with new PN: 4281861502. Work Performed IAW Daher TBM 850 AMM 30-10-06
- Removed and replaced R/H Cockpit Upper Air Vent Ducting with new PN: 308FP0501450. Work performed IAW Daher TBM 850 AMM 27-20-01
- Removed and replaced R/H Cockpit sidewall lower ducting with new PN: 308FP0501470. Work performed IAW Daher TBM 850 AMM 27-20-01
- Removed and replaced fire extinguisher with new PN: C3627S SN: 1-57523812
- Sanded, etched, primed, painted, and applied chafe tape to upper surface of horizontal stabilizer to prevent chaffing and corrosion. Work performed using AC43 13-1B as a guide.
- Removed R/H I/B Flap Actuator Drive Nut. Installed New Drive Nut Kit. P/N PRD-09090269. Adjusted Rigging As Required. Work Performed IAW TBM 850 AMM 27-50-02 and Sagem CMM 27-50-06. C/W AD 2025-01-04 IAW TBM SB 70-118-27-42.
- Removed L/H I/B Flap Actuator Drive Nut. Installed New Drive Nut Kit. P/N PRD-09090269. Adjusted Rigging As Required. Work Performed IAW TBM 850 AMM 27-50-02 and Sagem CMM 27-50-06. Aircraft Complies with AD 2025-01-04
- Removed and Replaced Damaged Fuel Nozzle Transfer Tubes with New. P/N 3011155. IAW P&W PT6A-66D EMM 73-11-00. Leak Check Good
- Removed and replaced riv-nuts on fuel panel 534 and 674. Re-sealed and leak checked. Work performed IAW Daher AMM 57-40-03
- Removed and replaced nut on r/h aileron grounding strap with new PN: 5414468239. Work performed IAW Standard Practices using AC43 13-1B and AC21-99 as a guide.
- Installed Tum Lock Retaining Ring. P/N CA18132 IAW AC 43 13-1B.

I Certify That This Aircraft Has Been Inspected In Accordance With an Annual Inspection per the Applicable Manufacturers Maintenance Manual, and was determined to be in an Airworthy Condition at this Time.

DATE: 12-03-2025

SIGNED

Anthony Rodgers  
A&P Number: 4022219

4022219 A&P I.A.

WORK ORDER: AMX3085

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SERVICE DE L'AERONEF - AIRCRAFT RECORD

40





wo: 52748

Airframe · page 1 of 1

# //STELLAR AVION

Quality nonstop

Stellar Avion · 65 Durley Ave, Suite A · Camarillo, California 93010 · 8184866792

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**N313BP**

**TBM, 850G, S/N: 434**

**February 04, 2025**

HOBBS: 1412.2

Removed Right Fuel low-level sensor PN 722447/B SN 788 and replaced with new PN 747971-1-0 SN 1472 Per Daher MM Chapters 28 and 52. Ops check good.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Stellar Avion under work order: 52748.

Rodrigo Sandoval A&P and IA 2784780

*[Handwritten signature]* *[Handwritten signature]* *02/04/2025*

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wo: 52754

Airframe · page 1 of 1

# //STELLAR AVION

Quality nonstop

Stellar Avion · 65 Durley Ave, Suite A · Camarillo, California 93010 · 8184866792

**N313BP**

**TBM, 850G, S/N: 434**

**March 05, 2025**

AFTT: 1414.0

ATCSN: 666.0

1. Performed inspection evaluation of aircraft airframe, engine and propeller performed a Daher protocol post maintenance test flight Per MM Chapter 5. satisfactory all systems.
2. Removed Left wing fuel access panel #573, cleaned, re-sealed dome nuts and re-installed panel #573 with new gaskets and hardware Per Daher MM Chapter 28 and 52.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Stellar Avion under work order: 52754.

Rodrigo Sandoval A&P and IA 2784780

*[Handwritten signature]* *[Handwritten signature]* *03/05/2025*



RICE LAKE  
AIR CENTER

Dates

October 17, 2024

N313BP

Dates

TBM 850

S/N: 434

TT: 1385.1

Hobbs: 1385.1 Cycles: 633

PT6A-66D

S/N: PCE-RV0090

TT: 1385.1

TTSOH: 1385.1

HC-E4N-3/EG083SK

S/N: HH-3045

TT: 1385.1

TTSOH: 81.4

C/W an A+ inspection on this aircraft IAW Daher Maintenance Program and annual IAW FAR 43D. C/W 200 hour/3-month Concorde battery capacity check. C/W 24-month alt, trans, and static inspections and RVSM re-certification, work performed by Plane Sense Avionics under WO #6300. C/W 24-month/1200-hour outflow and safety valve inspections. C/W 36-month flap roller lubrication. C/W 60-month/3000-hour vertical stabilizer inspection. C/W 120-month landing gear long life program inspections on all three gear legs IAW CMM's. C/W 84-month nose landing gear actuator axle bolt replacement. Inspected flight control tensions and travels. Performed static wick condition & bonding inspection. Inspected starter generator brushes and blew dust from starter generator. Cleaned suction regulator screen. Cleaned prop seal drain line. Inspected fuel unit filter. Performed brake inspection. Performed de-ice boot inflation and leak check and repaired holes as necessary. Complied with an annual inspection on ELT IAW FAR 91.207 (d) 1-4, (ELT battery expires August 2027). Aircraft cleaned & lubricated. Removed and replaced duct from distribution box to R/H sidewall. Aircraft recorded 2 airspeed exceedances, 18 NOV 22 345 knots for 28 seconds, determined derived during pitot/static testing. 12 SEPT 23 271 knots for 21 seconds. Performed overspeed limitations inspection along with annual structural integrity. No defects found. Re-sealed hydraulic hand pump IAW Daher MM & CMM. Replaced main cabin door struts with new. Serviced oxygen system. Replaced all brake pads with new IAW Cleveland CMM. Re-sealed RH wing access door 634 IAW MOD 70-0282-52. Removed and replaced LH landing light.

C/W SB 70-118 R3 Flap actuators.

C/W AD 2023-11-12 Emergency exit gripping strap with verification of compliance with SB 70-304-25 on 11 2022.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #5686**.

SIGNED *Thomas M. Bush*

THOMAS M BUSH for:  
RICE LAKE AIR CENTER  
CRS # RL8R462J  
CAMERON, WI 54822

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

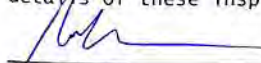
Park Rapids Avionics 301 Airport Road Park Rapids, MN 56470 K15R981Y  
LOG ID# 3285 10-October-2024 WO# 8348-0 HOBBS 1385.1  
N313BP S/N 434 SOCATA TBM 700

Pg 1 / 1

Signature of repairer  
Signature for return to service  
and signature of overhauler  
Maintenance release

Installed the following equipment: Garmin GI-275 ADAHRS p/n 011-04489-30 s/n 5M2121660. Installed Garmin GI-275 ADAHRS in accordance with manufactures installation manual p/n 190-02246-10 Rev. 19 and STC# SA02658SE. Installed equipment in accordance with AC 43.13-2B chapters 3, 11, 2, sections 201, 202, 203, 204, 205, 206, 207, 208, 209 and 210, and reference to AC 43.13-1B chapters 4, 7, 11 and 12. The continuous electrical load does not exceed 80% of the total generators capacity. All equipment was functional tested per manufactures installation manuals and interference tested with existing systems. A copy of the Garmin GI-275 Standby ATT/ALT/AS FAA approved flight manual supplement p/n 190-02246-12 Rev. 12 has been added to the FAA approved flight manual. Weight and Balance change negligible. ICA see Garmin Document p/n 190-02246-11 Rev. 9 (GI-275).

MAINTENANCE RELEASE/RETURN TO SERVICE CRS#K15R981Y  
The Aircraft, component, identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of these inspections are on file at this repair station.

  
Mike Jensen  
10-10-24  
Date

NFE

417

# ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

N313BP

715-853-4445

Pilot

P.O. BOX 147  
Caroline, WI 54928

TEST ALT. X 1000 FT.	-1	0	5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL				20		30	30					80				
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL																
FRICION	-20	-20	-20	-20	-20	-20	-20	-20	-20	-30	-30	-30	-30	-30	-40	-40
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	50	50	50	50	50	50	50
TOL		130		155	180	205	230		280	280	280	280	280	280	280	280
± FT.	120	100	140	120	140	160	180	255	250-100 FT	OK	50% MAX	OK	40% MAX	OK	40% MAX	OK
ACTUAL																
FRICION	-40	-40	-50	-50	-60	-60										

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
 ACCORDANCE WITH FAR 43 APP. F. #1 89102791  
 TRANSPONDER MODEL Garmin GTX 33 ES SN AS Installed

ALTIMETER	
Make	GARMIN
Model	ADC
S/N	AS Installed
BLIND ENCODER	
Make	X
Model	X
S/N	
#2 TRANSPONDER	
Make	X
Model	X
S/N	

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for return to service  
 Date 10/16/24 W.O. 6300 Signed Frank Kostley

## AC LOG ENTRY

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

Phone 715-853-4445  
Fax 715-754-4835

P.O. BOX 147  
CAROLINE, WI 54928

N313BP

Tested pilot and co-pilot Garmin air data systems in accordance with Socata TBM maintenance manual. Air data system tests for RVSM section 34-11-00 were performed, all systems test good. Tests were conducted per aircrafts RVSM approved maintenance program using Laversab 6300 in current calibration.

END

The aircraft and/or component identified hereon was repaired and inspected in accordance with current federal aviation regulations and was found airworthy for return to service.

Date 10/16/24 W.O. 6300 Signed Frank Kostley

Motif de l'entretien  
Maintenance motive

**ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE**

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

N313BP

715-853-4445

Co-pilot

P.O. BOX 147  
Caroline, WI 54928

TEST ALT. X 1000 FT.	-1	0	5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL.				20		30		30				80				
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL	0	0	0	20	20	30	30	20	20	20	30	30	30	30	30	30
FRICION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK	HYSTERSIS TOL. +75 FT.	ALTIMETER				
TOL.		130		155	180	205	230		280	TOL.	50% MAX.	Make <u>Garmin</u>				
± FT.	120	100	140	120	140	160	180	255	250	100 FT	40% MAX.	Model <u>ADC</u>				
ACTUAL	-40	-40	-50	-50	-60	-60				TEMP	20	S/N <u>ASINSTAL60</u>				
FRICION	0	0	0	0	0	0	0	0	0	C	20	BLIND ENCODER				

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL Garmin GTX33ES SN 89102784

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for return to service

Date 10/16/24 W.O. 6300 Signed Frank Kotly

ALTIMETER  
Make Garmin  
Model ADC  
S/N ASINSTAL60  
BLIND ENCODER  
Make \_\_\_\_\_  
Model X  
S/N \_\_\_\_\_  
#2 TRANSPONDER  
Make \_\_\_\_\_  
Model X  
S/N \_\_\_\_\_

Cachet - Signature réparateur  
probation pour remise en service  
amp and signature of overhauler  
Maintenance release

**ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE**

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

N313BP

715-853-4445

Standby

P.O. BOX 147  
Caroline, WI 54928

TEST ALT. X 1000 FT.	-1	0	5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL.				20		30		30				80				
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRICION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK	HYSTERSIS TOL. +75 FT.	ALTIMETER				
TOL.		130		155	180	205	230		280	TOL.	50% MAX.	Make <u>Garmin</u>				
± FT.	120	100	140	120	140	160	180	255	250	100 FT	40% MAX.	Model <u>GI 275</u>				
ACTUAL	0	0	0	0	0	0	0	0	0	TEMP	20	S/N <u>ASINSTAL60</u>				
FRICION	0	0	0	0	0	0	0	0	0	C	20	BLIND ENCODER				

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL N/A SN N/A

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for return to service

Date 10/16/24 W.O. 6300 Signed Frank Kotly

ALTIMETER  
Make Garmin  
Model GI 275  
S/N ASINSTAL60  
BLIND ENCODER  
Make \_\_\_\_\_  
Model X  
S/N \_\_\_\_\_  
#2 TRANSPONDER  
Make \_\_\_\_\_  
Model X  
S/N \_\_\_\_\_

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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289 E Perimeter Rd.  
Renton, Washington 98057  
United States

Telephone: 425-204-0845

www.aceaviationinc.com

Registration #: N313BP

Total A/C Time:

Total A/C Cycles:

Hour Meter: 1,311.7

Manufacturer: Socata

Part/Model number: TBM 700

A/C Serial Number: 434

Work Order No: 5381

Date: 12/7/2023

Squawk

- 1.1 Removed Attitude gyro part number 1U149-019-19, serial number T93254Q. Installed overhauled attitude gyro part number 1U149-019-19, serial number T99729Q. See MidContinent WO 000503773. Ops checked normal.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the Ace Aviation, Inc. under Work Order Number 5381.

Paul Miller (PAUL)

AP537585165



289 E Perimeter Rd.  
Renton, Washington 98057  
United States

Telephone: 425-204-0845

www.aceaviationinc.com

Registration #: N313BP

Total A/C Time:

Total A/C Cycles:

Hour Meter:

Manufacturer: Socata

Part/Model number: TBM 700

A/C Serial Number: 434

Work Order No: 5448

Date: 1/18/2024

Squawk

- 1.1 Removed and replace (1) Concorde battery (P/N; RG380E/44; Old S/N 40948875; New S/N 70026145)

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the Ace Aviation, Inc. under Work Order Number 5448.

AP3160904





**//STELLAR AVION**

Quality nonstop

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15. Removed leaking seal at left wing fuel panel #554 and replaced with new Per Daher MM Chapter 52. Leak check good
16. Repaired leak at right wing inboard upper hi-lock near forward spar by accessing through panel # 631 and resealing wing root with new pro-seal Per Daher MM Chapter 20 and 52. Leak check good
17. Repaired leaks at Left horizontal stabilizer leading edge de-iced boot Per Daher MM Chapter 30. Leak check good
18. Repaired leaks at Right horizontal stabilizer leading edge de-iced boot Per Daher MM Chapter 30. Leak check good.
19. Repainted nose gear lower fork to match original color Per Daher MM Chapter 20.
20. Removed EPA can drain line at Right exhaust cleaned and re-installed Per Daher MM chapter 71.
21. Replaced hydraulic pump distribution plate seals with new parts and re-torqued the 45-degree elbow fitting Per Daher MM Chapter 32. Leak check good.
22. Re-torqued and cleaned brake fluid reservoir Per Daher MM Chapter 32. Leak check good.
23. Trimmed and adjusted interior cabin table leather panel to allow proper operation Per Daher MM Chapter 25. Ops check good.
24. Re-torqued Right and Left elevator bellcrank hardware and re-secured at frame C17 Per Daher MM Chapter 27. Ops check good.

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**//STELLAR AVION**

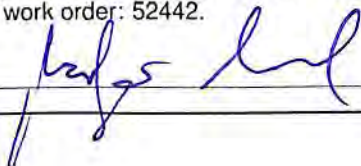
Quality nonstop

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25. Adjusted the elevator push-pull rod lower hardware to avoid contact on frame area 300 Per Daher MM Chapter 27. Ops check good.
26. Removed worn fuel type placards on both wings and replaced with new Per Daher MM Chapter 11.
27. Performed a post maintenance test flight Per Daher MM Chapter 5.
28. Performed aircraft cleaning per Daher MM Chapter 12.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Stellar Avion under work order: 52442.

Rodrigo Sandoval A&amp;P and IA 2784780

 09/12/2023

**//STELLAR AVION**

Quality nonstop

Stellar Avion · 65A Durley Ave · Camarillo, California 93010 · 8184866792

Dates

Dates

**N313BP****TBM, 850G, S/N: 434****September 12, 2023**

AFTT: 1272.5

CYCLES: 584

HOBBS: 1272.5

1. Performed B inspection plus annual Per Daher MM Chapter 05-20-04 and 05-20-05. All AD's checked through 9/12/2023. Daher checklist meets requirements of 14 CFR 91.409 and 14 CFR Appendix D.
2. Performed SB 70-118-27R2 Paragraph A and C to check for play at both left and right flaps inboard actuator drive screws and nuts, cleaned and lubricated all 4 actuator drives, no defects noted at this time. Next due in 12-months or 400-hours.
3. Performed 12-month ELT certification Per FAR 91.207. Battery replacement next due Aug 2027.
4. Performed 12-month or 200-hour capacity check of the lead acid battery SN 4094885 Per Concord Battery Corporation S.T.C. SA00775LA instructions for continued airworthiness. Battery passed with 80% at 51 min 21.45v. Capacity check good.
5. Performed 12-month auto pilot servo clutch friction check of the B35, B36, B37 and B38 servo actuators Per Daher MM Chapter 22. Check good.
6. Performed 12-month inspection of mechanical standby-instrument filter Per Daher MM Chapter 34. No defects noted.

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ative**//STELLAR AVION**

Quality nonstop

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7. Performed 3-year replacement of the brake system hydraulic fluid with new Per Daher MM Chapter 32.
8. Performed 3-year replacement of the landing gear hydraulic fluid with new Per Daher MM Chapter 32.
9. Performed 3-year swing and deviation check of the standby compass, compass was re-serviced Per Daher MM Chapter 34. Compass deviation card was updated. Ops check good.
10. Removed worn Right main gear tire PN 185F03-5 SN 92472168 and replaced with new tire PN 185F03-5 SN 32200288 Per Daher MM Chapter 32. Leak check good.
11. Removed worn Left main gear tire PN 0185F03-5 SN 01540236 and replaced with new PN 0185F03-5 SN 32120026 Per Daher MM Chapter 32. Leak check good.
12. Adjusted fuel condition lever for better cut-off stop contact at FCU Per Daher MM Chapter 76. Ops check good.
13. Removed engine plenum and screen for FOD repair of the first stage compressor, re-installed engine plenum and screen after repairs by Standard Aero Per Daher MM Chapter 71.
14. Removed starter generator for suspected leak at Garlock seal, no leak found. Re-torqued loose drain line and re-installed starter generator with new O-ring Per Daher MM Chapter 24. Ops check good.



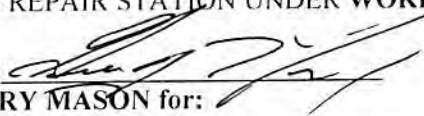
July 17, 2023	N313BP		
TBM 850	S/N: 434	TT: 1265.0	Hobbs: 1265.0 Cycles: 581
PT6A-66D	S/N: PCE-RV0090	TT: 1265.0	TTSOH: 1265.0
HC-E4N-3/EG083SK	S/N: HH-3045	TT: 1265.0	TTSOH: 365.5

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Replaced door step axle with new. Removed drier filter and installed P/N 1901351 S/N 20220502700090. Removed condenser core and installed P/N 296A32 S/N 186. Removed cabin evaporator core and installed P/N 1801127 S/N 202303070057. Removed cockpit evaporator core and installed P/N 1801128 S/N 2306230004. Removed and replaced B65 compressor with P/N 1101317. Serviced air conditioning system.

C/W SB 70-321-21 Component replacements for the vapor cycle cooling system.  
AD log updated.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #5520**.

SIGNED   
GREGORY MASON for:  
RICE LAKE AIR CENTER  
CRS # RL8R462J  
CAMERON, WI 54822



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



December 28, 2022  
 TBM 850

N313BP  
 S/N: 434


TT: 1243.7

Hobbs: 1243.7

Removed starter generator P/N 8012F S/N 479 Amend E for repair and installed rental starter generator P/N 8012F S/N 40 Amend E 481.5 hours since overhaul.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #5466**.

SIGNED

  
 JODE ROBBINS for:  
 RICE LAKE AIR CENTER  
 CRS # RL8R462J  
 CAMERON, WI 54822



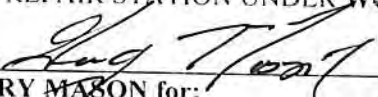
2

Dates	November 29, 2022	N313BP			
Dates	TBM 850	S/N: 434	TT: 1235.6	Hobbs: 1235.6	Cycles: 570
	PT6A-66D	S/N: PCE-RV0090	TT: 1235.6	TTSOH: 1235.6	
	HC-E4N-3/EG083SK	S/N: HH-3045	TT: 1235.6	TTSOH: 336.1	

C/W an A+ inspection on this aircraft IAW Daher Maintenance Program and annual IAW FAR 43D. C/W 200 hour/12-month Concorde battery capacity test. C/W 12-month landing gear long life program inspections on all three gear legs IAW CMM's. C/W 12-month RVSM airframe structural integrity inspection. C/W 12-month servo clutch friction torque check. C/W 24-month alt, trans. and static inspections and RVSM re-certification, work performed by Plane Sense Avionics under WO #5813. C/W 24-month/1200-hour outflow and safety valve inspections. C/W 24-month flight controls inspection. C/W 36-month shimmy damper inspection. C/W 36-month servo-actuator grease. Inspected flight control tensions and travels. Performed static wick condition & bonding inspection. Inspected starter generator brushes and blew dust from starter generator. Cleaned suction regulator screen. Cleaned prop seal drain line. Inspected fuel unit filter. Performed brake inspection. Performed de-ice boot inflation and leak check and repaired holes as necessary. Complied with an annual inspection on ELT IAW FAR 91.207 (d) 1-4. (ELT battery expires August 2027). Aircraft cleaned & lubricated. Removed and reinstalled starter generator after work performed by Thales under WO# 434-0271. Replaced fuel pressure transducer with new. Serviced air conditioning system. Serviced oxygen system.

C/W AD 2021-24-13 Non-conforming dump switch. Does not apply by aircraft serial number.  
C/W AD 2021-25-10 Oil cooler air inlet duct fins ice. Does not apply by affected part not installed.  
C/W SB 70-118 Flap actuators.  
C W SB 70-298-23 E1 antenna conformity.  
C/W SB 70-300-21 Air conditioning system protection.  
C/W SB 70-304-25 Emergency exit opening.  
AD log updated.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #5442**.

SIGNED   
GREGORY MASON for:  
RICE LAKE AIR CENTER  
CRS # RL8R462J  
CAMERON, WI 54822

Détails vérifiés

Particulars

**ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE**

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

N313BP

715-853-4445

Standby

P.O. BOX 147  
Caroline, WI 54928

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL.				20		30	30					80				
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL	+20	+10	+10	0	0	0	0	0	0	0	+10	+10	+20	+20	0	0
FRICTION																
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	55	60	65	70	75	80	85
TOL.		130		155	180	205	230		280	300	320	340	360	380	400	420
± FT.	120	100	140	120	140	160	180	255	250-100 FT	250-100 FT	250-100 FT	250-100 FT	250-100 FT	250-100 FT	250-100 FT	250-100 FT
ACTUAL	0	0	-20	-20	+10	+10										
FRICTION																

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 5000 FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
 ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL N/A SN N/A

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations. and is airworthy and approved for return to service.

Date 11/3/22 W.O. 5813 Signed Frank Kottler

ALTIMETER  
 Make Thommen  
 Model  
 S/N 1049939  
 BLIND ENCODER  
 Make  
 Model X  
 S/N  
 #2 TRANSPONDER  
 Make  
 Model X  
 S/N

arateur  
 en service  
 verhauler  
 ise

**AC LOG ENTRY**

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

Phone 715-853-4445  
Fax 715-754-4835

P.O. BOX 147  
CAROLINE, WI 54928

N313BP

Tested pilot and co-pilot Garmin air data systems in accordance with Socata TBM maintenance manual. Air data system tests for RVSM section 34-11-00 were performed, all systems test good. Tests were conducted per aircrafts RVSM approved maintenance program using Laversab 6300 in current calibration.

END

The aircraft and/or component identified hereon was repaired and inspected in accordance with current federal aviation regulations and was found airworthy for return to service.

Date 11/3/22 W.O. 5813 Signed Frank Kottler





May 31, 2022  
TBM 850

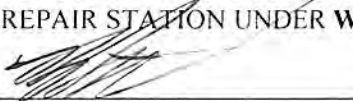
N313BP  
S/N: 434

TT: 1219.5

Hobbs: 1219.5

Removed and replaced left middle and right rear cabin window seals with new.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #5390**.

SIGNED   
BRADLEY KLAWITER for:  
RICE LAKE AIR CENTER  
CRS # RL8R462J  
CAMERON, WI 54822

SERVICE DE L'AÉRONAUTIQUE - AIRCRAFT RECORD

es ou générales

for overhauls

Cache - Signature réparateur

Approbation pour remise en service  
Stamp and signature of overhauler

Maintenance release



November 9, 2021	N313BP			
TBM 850	S/N: 434	TT: 1194.4	Hobbs: 1194.4	CYCLES: 551
PT6A-66D	S/N: PCE-RV0090	TT: 1194.4	TTSOH: 1194.4	SHSI: 1194.4
HC-E4N-3/EG083SK	S/N: HH-3045	TT: 1194.4	TTSOH: 294.9	


C/W a C+ inspection on this aircraft IAW Daher Maintenance Program and annual IAW FAR 43D. C/W 200-hour/3-month Concorde battery capacity check. C/W 2400-hour starter generator overhaul, work done by Thales Avionics under WO# 6351210. C/W 1200-hour standby generator belt replacement. C/W 1200-hour rudder lubrication inside torque shaft. C/W 1200-hour structural bonding inspections. Ultrasonic Inspection done by NDT Spectair Inc. under WO#21-189. C/W 12-month landing gear long life program. C/W 12-month RVSM structural integrity inspection. C/W 24-month/600-hour compressor belt replacement. C/W 48-month/ 1500-hour flap/strainer inspections. C/W 15-year oxygen cylinder replacement P/N: N23D-444-12346-003 S/N: ALT279-33482 (manufactured 07/2020, expires 07/2035). Inspected flight control tensions and travels. Performed static wick condition & bonding inspection. Cleaned suction regulator screen. Cleaned prop seal drain line. Performed brake inspection. Removed and replaced all brake linings with new. Performed de-ice boot inflation and leak check. Removed and replaced right inboard de-ice boot with new. Complied with an annual inspection on ELT IAW FAR 91.207 (d) 1-4, (ELT battery expires August, 2027). Aircraft cleaned & lubricated. Removed and replaced right wheel service side bearing and race with new. Removed and replaced left spoiler top outboard pulley with new. Removed and replaced strobe light circuit breaker with new. Removed and replaced stairway max load placard with new. Removed and replaced cargo door strut with new. Removed and replaced right de-fog duct with new. Serviced air conditioning system.

C/W SB 70-118 Flap actuators.

AD log updated.

Inspected this aircraft IAW a C+ inspection/annual and were determined airworthy and returned to service.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #5317**.

SIGNED   
BRADLEY KLAWITER for:  
RICE LAKE AIR CENTER  
CRS # RL8R462J  
CAMERON, WI 54822



November 9, 2021	N313BP			
TBM 850	S/N: 434	TT: 1194.4	Hobbs: 1194.4	CYCLES: 551
PT6A-66D	S/N: PCE-RV0090	TT: 1194.4	TTSOH: 1194.4	SHSI: 1194.4
HC-E4N-3/EG083SK	S/N: HH-3045	TT: 1194.4	TTSOH: 294.9	

C/W a C+ inspection on this aircraft IAW Daher Maintenance Program and annual IAW FAR 43D. C/W 200-hour/3-month Concorde battery capacity check. C/W 2400-hour starter generator overhaul, work done by Thales Avionics under WO# 6351210. C/W 1200-hour standby generator belt replacement. C/W 1200-hour rudder lubrication inside torque shaft. C/W 1200-hour structural bonding inspections. Ultrasonic Inspection done by NDT Inspectair Inc. under WO#21-189. C/W 12-month landing gear long life program. C/W 12-month RVSM structural integrity inspection. C/W 24-month/600-hour compressor belt replacement. C/W 48-month/ 1500-hour flapper/strainer inspections. C/W 15-year oxygen cylinder replacement P/N: N23D-444-12346-003 S/N: ALT279-33482 (manufactured 07/2020, expires 07/2035). Inspected flight control tensions and travels. Performed static wick condition & bonding inspection. Cleaned suction regulator screen. Cleaned prop seal drain line. Performed brake inspection. Removed and replaced all brake linings with new. Performed de-ice boot inflation and leak check. Removed and replaced right inboard de-ice boot with new. Complied with an annual inspection on ELT IAW FAR 91.207 (d) 1-4, (ELT battery expires August, 2027). Aircraft cleaned & lubricated. Removed and replaced right wheel service side bearing and race with new. Removed and replaced left spoiler top outboard pulley with new. Removed and replaced strobe light circuit breaker with new. Removed and replaced stairway max load placard with new. Removed and replaced cargo door strut with new. Removed and replaced right de-fog duct with new. Serviced air conditioning system.

C/W SB 70-118 Flap actuators.

AD log updated.

Inspected this aircraft IAW a C+ inspection/annual and were determined airworthy and returned to service.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #5317**.

SIGNED 

BRADLEY KLAWITER for:

RICE LAKE AIR CENTER

CRS # RL8R462J

CAMERON, WI 54822

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



September 17, 2021      N313BP  
TBM 850                      S/N: 434

Hobbs: 1189.0

Serviced air-conditioning system.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #5322**.

SIGNED Thomas M. Bush  
THOMAS M BUSH for:  
RICE LAKE AIR CENTER  
CRS # RL8R462J  
CAMERON, WI 54822





September 1, 2020	N313BP			
TBM 850	S/N: 434	TT: 1114.5	HOBBS: 1114.5	Cycles: 522
PT6A-66D	S/N PCE-RV0090	TT: 1114.5	TTSN: 1114.5	SHSI:
HC-E4N3/E9083SK	S/N HH-3045	TT: 1114.5	SOH: 215.0	

C/W an A+ inspection on this aircraft IAW Daher Maintenance Program and annual IAW FAR 43D. C/W 200-hour/3-month Concorde battery capacity test. C/W 12-month landing gear long life program inspections on all three gear legs IAW CMM's. C/W 600-hour fuel unit filter replacement. C/W 600-hour standby generator brush inspection. C/W 12-month RVSM airframe integrity inspection. C/W 24-month alt, trans, and static inspections and RVSM re-certification, work performed by Plane Sense Avionics under WO #5248. C/W 24-month/1200-hour outflow and safety valve inspections. C/W 36-month hydraulic system inspection. C/W 36-month flap roller lubrication. C/W 36-month brake reservoir inspection. C/W 120 month/5000 cycle hydraulic power pack overhaul, work performed by Safran Aerosystems Services under WO #0050933521. C/W 84-month landing gear actuator upgrade, removed nose P/N T700A323005300000 S/N 104, left P/N T700A323005300000 S/N 094, right P/N T700A323005300000 S/N 095 and installed new 120-month landing gear actuators nose P/N VSTS083560 S/N 5056, left P/N VSTS083560 S/N 5051, and right P/N VSTS083560 S/N 5055. Inspected flight control tensions and travels. Performed static wick condition & bonding inspection. Inspected starter generator brushes and blew dust from starter generator. Cleaned suction regulator screen. Cleaned prop seal drain line. Performed brake inspection and rotated assemblies 180°. Performed de-ice boot inflation and leak check, patched as needed. Complied with an annual inspection on ELT IAW FAR 91.207 (d) 1-4, removed and replaced battery with new P/N 452-6499 S/N 387651-055, battery expires August 2027. Aircraft cleaned & lubricated. Removed and replaced manual override control cable with new. Removed and replaced left and right main tires with new Goodyear 10 ply tires.

C/W SB 70-118 Flap actuators.

Verified AD 2020-09-02 Anjou Aeronautique does not apply by affected part not installed.

Inspected this aircraft IAW an A+ inspection/annual and was determined airworthy and returned to service.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #5183**.

SIGNED 

BRADLEY KLAWITER for:  
RICE LAKE AIR CENTER  
CRS # RL8R462J  
CAMERON, WI 54822



### ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

N313BP

715-853-4445

Pilot

P.O. BOX 147  
Caroline, WI 54928

Détails vér

Particula

TEST ALT																
X 1000 FT.	-1	0	5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL				20		30	30		70	40		80			90	110
± FT	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30
FRICION																
TEST ALT																
X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK	HYST. RESIS TOL 75 FT					
TOL	130		155	180	205	230		280	TOL	50%						
± FT	120	100	140	120	140	160	180	255	250	100 FT	OK	MAX	OK			
ACTUAL	30	30	30	40	40	40				TEMP	20	MA	OK			
FRICION										C						

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (c) AND 91.27 (b) IN ACCORDANCE WITH FAR 43 APP. F. #1

TRANSPONDER MODEL Garmin GTX33ES S/N 89102791

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service

Date 8/26/20 WO 5248 Signed Frank Kottke

ALTIMETER	
Make	Garmin
Model	ADC
S/N	AS installed
BLIND ENCODER	
Make	X
Model	X
S/N	X
#2 TRANSPONDER	
Make	X
Model	X
S/N	X

éparateur  
se en service  
f overhauler  
lease

### ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

N313BP

715-853-4445

Co-Pilot

P.O. BOX 147  
Caroline, WI 54928

TEST ALT																
X 1000 FT.	-1	0	5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL				20		30	30		70	40		80			90	110
± FT	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
FRICION																
TEST ALT																
X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK	HYST. RESIS TOL 75 FT					
TOL	130		155	180	205	230		280	TOL	50%						
± FT	120	100	140	120	140	160	180	255	250	100 FT	OK	MAX	OK			
ACTUAL	20	30	30	30	40	40				TEMP	20	MA	OK			
FRICION										C						

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.27 (b) IN ACCORDANCE WITH FAR 43 APP. F. #2

TRANSPONDER MODEL Garmin GTX33ES S/N 89102784

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service

Date 8/26/20 WO 5248 Signed Frank Kottke

ALTIMETER	
Make	Garmin
Model	ADC
S/N	AS installed
BLIND ENCODER	
Make	X
Model	X
S/N	X
#2 TRANSPONDER	
Make	X
Model	X
S/N	X

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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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February 6, 2020	N313BP			
TBM 850	S/N: 434		TT: 1095.1	HOBBS: 1095.1
PT6A-66D	S/N PCE-RV0090		TT: 1095.1	SNew: 1095.1
HC-E4N3/E9083SK	S/N HH-3045		TT: 1095.1	SOH: 195.6

Removed and replaced LED light assembly above cabin door with new P/N T700G2520551000.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #5138**.

SIGNED

GREGORY MASON for:  
RICE LAKE AIR CENTER  
CRS # RL8R462J  
CAMERON, WI 54822


## SERVICE DE L'AÉRONEF - AIRCRAFT RECORD



August 7, 2019	N313BP			
TBM 850	S/N: 434	TT: 1052.4	HOBBS: 1052.4	Cycles: 494
PT6A-66D	S/N PCE-RV0090	TT: 1052.4	SOH: 1052.4	SHSI: 1052.4
HC-E4N3/E9083SK	S/N HH-3045	TT: 1052.4	SOH: 152.9	

C/W a B+ inspection on this aircraft IAW Daher Maintenance Program and annual IAW FAR 43D. C/W 200-hour/3-month Concorde battery capacity test. C/W 12-month landing gear long life program inspections on all three gear legs IAW CMM's. Performed 12-month RVSM airframe integrity inspection. C/W 12-month servo torque check. C/W 600 hour/24-month compressor belt replacement. C/W 36-month shimmy damper inspection.

Inspected flight control tensions and travels. Performed static wick condition & bonding inspection. Complied with an annual inspection on ELT IAW FAR 91.207 (d) 1-4, (ELT battery expires 02/2020). Inspected starter generator brushes (20% remaining) and blew dust from starter generator. Cleaned suction regulator screen. Cleaned prop seal drain line. Inspected fuel unit filter. Performed brake inspection and rotated assemblies 180°. Performed de-ice boot inflation and leak check. Aircraft cleaned & lubricated. Removed and replaced condenser fan circuit breaker with new. Serviced oxygen.

C/W SB 70-118 Recurring 12-month/200-hour flap actuators inspection.

C/W SB 70-194 Recurring 84-month nose actuator hinge pin bolt replacement, removed and replaced bolt with new.

C/W SB 70-265 Emergency descent mode upgrade.

Verified AD 2018-21-14 does not apply by part not installed.

Inspected this aircraft IAW a B+ inspection/annual and was determined airworthy and returned to service.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #5038**.

SIGNED \_\_\_\_\_

**BRADLEY KLAWITER** for:  
**RICE LAKE AIR CENTER**  
 CRS # RL8R462J  
 CAMERON, WI 54822

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

26

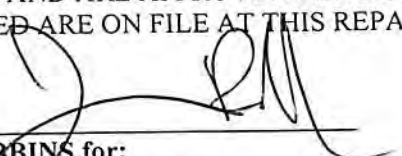
Dates Dates	Temps de vol depuis la précédente opération d'entretien Duration of flight since last maintenance operation	Heures totales Hours since manufacture	Heures depuis entretien majeur Hours since major maintenance	Nombre d'atterrissages Number of landings	Motif de l'entretien Maintenance motive
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March 1, 2019	N313BP	TT: 1041.5	HOBBS: 1041.5	
TBM 850	S/N: 434	TT: 1041.5	SOH: 1041.5	SHSI: 1041.5
PT6A-66D	S/N RV0090	TT: 1041.5	SOH: 142.0	
HC-E4N3/E9083SK	S/N HH-3045	TT: 1041.5		

Re-sealed inboard fuel tanks.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #5018.**

SIGNED   
**JODE ROBBINS** for:  
**RICE LAKE AIR CENTER**  
**CRS # RL8R462J**  
**CAMERON, WI 54822**

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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



January 18, 2019

N313BP

TBM 850

PT6A-66D

HC-E4N3/E9083SK

S/N: 434

S/N RV0090

S/N HH-3045

TT: 1041.5

TT: 1041.5

TT: 1041.5

HOBBS: 1041.5

SOH: 1041.5

SOH: 142.0

SHSI: 1041.5

Re-sealed nut plates, spar rivet lines, and access panels 537, 552, 554, and 555. Serviced oxygen.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER # 4987**.

SIGNED

  
BRADLEY KLAWITER for:

RICE LAKE AIR CENTER

CRS # RL8R462J

CAMERON, WI 54822

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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



September 28, 2018

N313BP TBM 850

PT6A-66D

HC-E4N3/E9083SK

S/N: 434

S/N RV0090

S/N HH-3045

TT: 1010.8

TT: 1010.8

TT: 1010.8

HOBBS: 1010.8

SOH: 1010.8

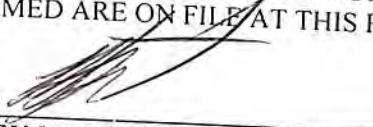
SOH: 111.3

SHSI: 1010.8

Removed and replaced bottom traffic antenna P/N 071-01599-0100 S/N 23361 with new P/N 071-01599-0100 S/N 31773.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER # 4945**.

SIGNED

  
BRADLEY KLAWITER for:

RICE LAKE AIR CENTER

CRS # RL8R462J

CAMERON, WI. 54822



Départ

July 12, 2018

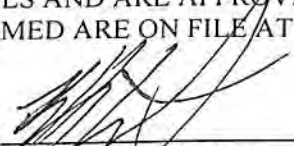
Part

N313BP TBM 850 S/N: 434 HOBBS: 1004.0 TT: 1004.0 Cycles: 473  
 PT6A-66D S/N RV0090 SHSI: 1004.0 SOH: 1004.0 TT: 1004.0  
 HC-E4N3/E9083SK S/N HH-3045 SOH: 104.5 TT: 1004.0

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C/W an A+ Inspection on this aircraft IAW Socata Maintenance Program an annual IAW FAR 43D. C/W 200 hour/3 month Concorde battery capacity test. Removed and replaced aircraft battery with new P/N RG380E/44 S/N 40948875. C/W 60 month landing gear long life program inspections on all three gear legs IAW CMM's. Performed 12 month RVSM airframe integrity inspection. C/W 24 month outflow & safety valve inspections. C/W 60 month mechanical fuel pump lubrication. Removed mechanical fuel pump P/N 1127-01 S/N 488 and installed new P/N 1127-02 S/N 954. C/W 120 month/6000 hour vertical stabilizer inspection. Inspected flight control tensions and travels. Performed static wick condition & bonding inspection. Complied with an annual inspection on ELT IAW FAR 91.207 (d) 1-4, (ELT battery expires 02/2020). Inspected starter generator brushes (30% remaining) and blew dust from starter generator. Cleaned suction regulator screen. Cleaned prop seal drain line. Inspected fuel unit filter. Performed brake inspection and rotated assemblies 180°. Performed de-ice boot inflation and leak check and repaired holes as necessary. Aircraft cleaned & lubricated. C/W SB 70-118 Flap Actuators. AD 2011-01-09 PBE units, DNA by part not installed. AD 2017-16-01 Ameri-King ELT, DNA by model ELT installed. AD 2017-16-04 Rotary buckles, DNA by part not installed. AD 2017-18-12 B/E Aerospace, DNA by part not installed. Serviced oxygen system. Installed new nose tire. Installed new 'drainage' placards on left & right wing outboard sumps. Installed new 'Jet A Only' placards on left & right wing fuel points. Installed new right fuel cap lanyard. Inspected this aircraft IAW an A+ inspection/annual and was determined airworthy and returned to service.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER # 4892.**

SIGNED   
 BRADLEY KLAWITER for:  
 RICE LAKE AIR CENTER  
 CRS # RL8R462J  
 CAMERON, WI. 54822

**ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE**

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

STANDBY

715-853-4445

N313BP

P.O. BOX 147  
Caroline, WI 54928

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16	
TOL.				20		30	30					80					
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110	
ACTUAL																	
FRICITION	+20	+20	+20	+20	+20	+20	+20	+35	+40	+40	+40	+40	+40	+20	+20	0	
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK	HYSTERSIS TOL. +75 FT.		ALTIMETER				
TOL.		130		155	180	205	230		280	TOL.	OK	50%	Make Thommen				
± FT.	120	100	140	120	140	160	180	255	250-100 FT.	MAX.		+20	Model				
ACTUAL										TEMP	18	40%	S/N 1049939				
FRICITION	0	0	0	0	0	0	0	0	0	C		MAX.	+25	BLIND ENCODER			

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL N/A SN N/A

The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

Date 7/5/18 W.O. 4561 Signed Frank Kotley

ALTIMETER  
Make Thommen  
Model  
S/N 1049939  
BLIND ENCODER  
Make  
Model X  
S/N  
#2 TRANSPONDER  
Make  
Model X  
S/N

**AC LOG ENTRY**

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

Phone 715-853-4445  
Fax 715-754-4835

P.O. BOX 147  
CAROLINE, WI 54928

N313BP

Tested pilot and co-pilot Garmin air data systems in accordance with Socata TBM maintenance manual. Air data system tests for RVSM section 34-11-00 were performed, all systems test good. Tests were conducted per aircrafts RVSM approved maintenance program using Laversab 6300 in current calibration.

END

The aircraft and/or component identified hereon was repaired and inspected in accordance with current federal aviation regulations and was found airworthy for return to service.

Date 7/5/18 W.O. 4561 Signed Frank Kotley

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### ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

715-853-4445

*Pilot* N313BP

P.O. BOX 147  
Caroline, WI 54928

TEST ALT.																
X 1000 FT.	-1	0	5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL.				20		30	30					80				
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
FRICTION																
TEST ALT.																
X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK	HYSTERSIS TOL. +75 FT.		ALTIMETER			
TOL.	130			155	180	205	230		280	TOL.	OK	50% MAX.	OK	Make <i>Garmin</i>		
± FT.	120	100	140	120	140	160	180	255	250	100 FT.	OK	40% MAX.	OK	Model <i>ADC</i>		
ACTUAL	30	30	30	40	40	50				TEMP	18	40% MAX.	OK	S/N <i>AS Instal 68</i>		
FRICTION																

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
 ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL *Garmin GTX 33ES* S/N *89102791*

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for return to service.

Date 7/5/18 W.O. 4561 Signed *Frank Kostley*

ALTIMETER	Make <i>Garmin</i>
Model <i>ADC</i>	
S/N <i>AS Instal 68</i>	
BLIND ENCODER	Make
	Model <input checked="" type="checkbox"/>
	S/N
#2 TRANSPONDER	Make
	Model <input checked="" type="checkbox"/>
	S/N

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re of overhauler  
e release

### ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

715-853-4445

*CO-pilot* N313BP

P.O. BOX 147  
Caroline, WI 54928

TEST ALT.																
X 1000 FT.	-1	0	5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL.				20		30	30					80				
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
FRICTION																
TEST ALT.																
X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK	HYSTERSIS TOL. +75 FT.		ALTIMETER			
TOL.	130			155	180	205	230		280	TOL.	OK	50% MAX.	OK	Make <i>Garmin</i>		
± FT.	120	100	140	120	140	160	180	255	250	100 FT.	OK	40% MAX.	OK	Model <i>ADC</i>		
ACTUAL	20	30	30	40	40					TEMP	18	40% MAX.	OK	S/N <i>AS Instal 68</i>		
FRICTION																

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
 ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL *Garmin GTX 33ES* S/N *89102784*

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for return to service.

Date 7/5/18 W.O. 4561 Signed *Frank Kostley*

ALTIMETER	Make <i>Garmin</i>
Model <i>ADC</i>	
S/N <i>AS Instal 68</i>	
BLIND ENCODER	Make
	Model <input checked="" type="checkbox"/>
	S/N
#2 TRANSPONDER	Make
	Model <input checked="" type="checkbox"/>
	S/N

# SERVICE DE L'AÉRONEF - AIRCRAFT RECORD



FAA CRS # URZR891L / EASA.145.5152

SOCATA North America, Inc.  
601 NE 10th Street  
Pompano Beach, FL 33060

Date : 04/25/2018

Serial Number : 434

Registration : N313BP

Aircraft type : TBM 700N

Meter Time: 972.4 Hobbs

Time Since New : 972.4

Cycle Since New : Unkn.

Work Order : 6350

- C/W SB 70-233-34 Rev.3, Garmin G1000 GDU Software upgraded by downloading of the Software Ver. 15.11 P/N 006-B0719-17. User setting was restored and new databases were loaded. Performed operational test of all systems, all tests are satisfactory.
- C/W SB 70-247-34 Garmin G1000 NXi Integrated flight deck and software version V20.80 upgrade reference MOD70-0539-00 Version D & E: MOD70-0547-46 Version B. Replaced GCU475 P/N 011-01054-10 S/N 21805024 with new GCU475 P/N 011-04475-00 S/N 48V000184. Replaced #1 PFD GDU 1040A P/N 011-00916-10 S/N 86800489 with new GDU 1050A P/N 011-03470-10 S/N 494101469. Replaced #2 PFD GDU 1040A P/N 011-00916-10 S/N 86800492 with new GDU 1050A P/N 011-03470-10 S/N 494101525. Replaced MFD GDU 1500 P/N 011-01108-10 S/N 43200672 with new GDU 1550 P/N 011-03472-00 S/N 496001059. Installed new Flight Sream 510 P/N 011-03595-00 S/N 402004897. Uploaded software version 20.80 P/N 066-B3086-00 IAW G1000 NXi line maintenance manual. Performed operational test of all systems, all tests are satisfactory. Inserted Supplement 66 into the Pilot Operating Handbook. Aircraft weight and balance updated by calculation.
- Starter generator come off line in flight. Performed trouble shooting of main generator system and found a printed circuit board of EPC with burnt components. Removed old printed circuit board SN:448 form EPC and installed a repaired printed circuit board P/N 253GC02Y03 SN:345 on EPC IAW TBM maintenance manual chapter 24-30-02. Performed engine ground run for operational test of Starter/generator system, system operates normal.

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of Federal Aviation Administration And In Accordance With EASA 145.A.50 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. # 6350, Signature: *K. Phongsavath* Kam Phongsavath, Date : 04/25/2018  
CRS # URZR891L / EASA. 145.5152




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June 19, 2017

N313BP TBM 850 S/N: 434 HOBBS: 899.5 TT: 899.5 Cycles: 431  
 PT6A-66D S/N RV0090 SHSI: 899.5 SOH: 899.5 TT: 899.5  
 HC-E4N3/E9083SK S/N HH-3045 SOH: 0.0 TT: 899.5

C/W a C+ Inspection on this aircraft IAW Socata Maintenance Program. C/W 200 hour/3 month Concorde battery capacity test. C/W 12 month landing gear long life program inspections on all three gear legs IAW CMM's. C/W 24 month compressor belt replacement. C/W 400 hour/24 month low level sensor inspection. C/W 500 hour gyro filter replacement. C/W 36 month brake reservoir inspection. C/W 36 month hydraulic system inspection. C/W 36 month flap roller lubrication. C/W 48 month/1500 hour flapper valves and strainer inspections. C/W 60 month O2 bottle hydrostatic testing. Removed and reinstalled P/N 2213-6319 S/N 369 after recertification work performed by All-Safe, Inc. next due 6/2022. Performed 12 month RVSM airframe integrity inspection. C/W 12 month servo actuators torque check and lubrication. Inspected flight control tensions and travels. Performed static wick condition & bonding inspection. Complied with an annual inspection on ELT IAW FAR 91.207 (d) 1-4, (ELT battery expires 02/2020). Inspected starter generator brushes (50% remaining) and blew dust from starter generator. Cleaned suction regulator screen. Cleaned prop seal drain line. Inspected fuel unit filter. Performed brake inspection. Removed and replaced all brake linings with new and performed break-in. Performed de-ice boot inflation and leak check. Aircraft cleaned & lubricated. C/W SB 70-118 Flap Actuators. C/W SB 70-236 MT50 cabin inlet temperature sensor replacement. AD 2016-11-20 B/E Aerospace protective breathing equipment, DNA by part not installed. AD 2017-04-06 United Instruments Inc, series altimeters, DNA by part not installed. Removed and replaced pilot & co-pilot sunvisors with new. Installed new stairway 'max load' placard. Installed new left & right main tires. Inspected this aircraft IAW a C+ inspection and was determined airworthy and returned to service.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER # 4733**.

SIGNED

*Thomas M. Bush*  
 THOMAS M BUSH for:  
 RICE LAKE AIR CENTER  
 CRS # RL8R462J  
 CAMERON, WI. 54822

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SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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**ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE**

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

715-853-4445

P.O. BOX 147  
Caroline, WI 54928

Standby

N313BP

TEST ALT. X 1000 FT.	-1	0	5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL.				20		30	30					80				
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL				20		20	25					40				
FRICION	+20	+20	+20	+40	+20	+15	+10	+30	+25	+30	+40	+45	+50	+60	+25	+80
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	50	CASE HYSTERSIS		TOL. +75 FT.		ALTIMETER	
TOL.		130		155	180	205	230		280	TOL.	50%			Make		Thommen
± FT.	120	100	140	120	140	160	180	255	250	100 FT.	OK	MAX.	20	Model		
ACTUAL	400	410	410	420	420	430					TEMP	40%	20	S/N		1049939
FRICION	+10	+10	+10	+10	+15	+15					C	MAX.	20	#2 TRANSPONDER		

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
 ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL

N/A

S/N

N/A

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations. and is airworthy and approved for return to service.

Date

5/20/16

W.O.

3903

Signed

Frank Kottley

Make

Model

S/N

Make

Model

S/N

**AC LOG ENTRY**

N313BP

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

Phone 715-853-4445  
Fax 715-754-4835

P.O. BOX 147  
CAROLINE, WI 54928

N313BP

Tested Pilot and co-pilot Garmin AIV Data systems  
 IN ACCORDANCE WITH SOCATO MAINTENANCE MANUAL.  
 AIV DATA system Tests for RUSM were  
 performed and found to meet the  
 Required Accuracy. ————— END —————

The aircraft and/or component identified hereon was repaired and inspected in accordance with current federal aviation regulations and was found airworthy for return to service.

Date

5/20/16

W.O.

3903

Signed

Frank Kottley

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mise en service  
of overhauler  
release



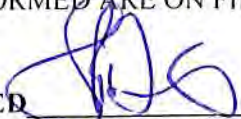


May 20, 2016

N313BP TBM 850 S/N: 434 HOBBS: 829.6 TT: 829.6 Cycles: 396  
 PT6A-66D S/N RV0090 SHSI: 829.6 SOH: 829.6 TT: 829.6  
 HC-E4N3/E9083SK S/N HH-3045 SOH: 829.6 TT: 829.6

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C/W a B+ Inspection on this aircraft IAW Socata Maintenance Program. C/W 200 hour/3 month Concorde battery capacity test. C/W 12 month landing gear long life program inspections on all three gear legs IAW CMM's. C/W 36 month shimmy damper inspection. C/W 24 month outflow & safety valve inspections. Performed 12 month RVSM airframe integrity inspection. C/W 12 month servo actuators torque check and lubrication. Inspected flight control tensions and travels. Performed static wick condition & bonding inspection. Complied with an annual inspection on ELT IAW FAR 91.207 (d) 1-4, (ELT battery expires 02/2020). Inspected starter generator brushes (40% remaining) and blew dust from starter generator. Cleaned suction regulator screen. Cleaned prop seal drain line. Inspected fuel unit filter. Performed brake inspection and rotated assemblies 180°. Performed de-ice boot inflation and leak check. Aircraft cleaned & lubricated. C/W SB 70-118 Flap Actuators. C/W SB 70-177 Visor Grounding. C/W SB 70-226 GAS controller upgrade. Removed GAS controller 82024A030501 S/N 82024-00139 and installed P/N 82024A030601 S/N 82024-00139 after modification performed by Daher under WO# 5739. Inserted TR18 into POH. C/W SB 70-227 ADS-B out function. Removed GTX33 #1 P/N 011-00779-10 S/N 89102791 and GTX33 #2 P/N 011-00779-10 S/N 89102784 for ES upgrade. Reinstalled GTX33ES #1 P/N 011-00779-10 S/N 89102791 and GTX33ES #2 P/N 011-00779-10 S/N 89102784 after upgrade to "ES" status, work performed by Garmin International under WO# RMA87392292 & RMA 87392738 (MOD70-0264-34). AD 2008-02-06 GSM85 DNA by Mod level of GSM's installed. AD 2008-06-28 PFD's DNA by part not installed. AD 2011-11-04 L'Hotellier DNA by S/N of part installed. AD 2012-17-01 Main tires DNA by part not installed. AD 2015-08-07 Oxygen mask harness DNA by S/N of units installed. Verified AD 2015-17-10 Main gear cracks first due at 1750 landings and every 240 landings thereafter, current landings 396. AD 2015-23-09 Oxygen mask regulators DNA by part not installed. Serviced oxygen system. THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE INSPECTED, REPAIRED OR MAINTAINED IAW CURRENT MANUFACTURER MAINTENANCE MANUALS AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER # 4576.**

SIGNED   
 STEVEN M DENNIS for:  
 RICE LAKE AIR CENTER  
 CRS # RL8R462J  
 CAMERON, WI. 54822





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November 12, 2015  
 N313BP TBM 850 S/N: 434 HOBBS: 778.7 TT: 778.7 Cycles:  
 PT6A-66D S/N RV0090 SHSI: 778.7 SOH: 778.7 TT: 778.7  
 HC-E4N3/E9083SK S/N HH-3045 SOH: 778.7 TT: 778.7

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C/W SB 70-215 Garmin G1000 software update V14.02. Removed GMA1347 #1 P/N 011-01257-20 S/N 17100714 and installed overhauled unit P/N 011-01257-20 S/N 17105450, overhaul work performed by Garmin International under WO# 3973829. Removed GMA1347 #2 P/N 011-01257-20 S/N 17100712 and installed overhauled unit P/N 011-01257-20 S/N 17105403, overhaul work performed by Garmin International under WO# 3968529. Removed GIA63W P/N 011-01105-00 S/N 68505247 from #1 position and installed into #2 position. Removed GIA63W P/N 011-01105-00 S/N 68505251 from #2 position and installed into #1 position. Ops check good.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #4511.**

SIGNED   
 JODE A ROBBINS for:  
 RICE LAKE AIR CENTER  
 CRS # RL8R462J  
 CAMERON, WI. 54822

Dates

Dates

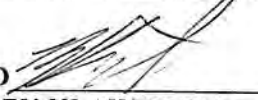


May 18, 2015

N313BP TBM 850 S/N: 434 HOBBS: 740.7 TT: 740.7 Cycles: 329  
 PT6A-66D S/N RV0090 SHSI: 740.7 SOH: 740.7 TT: 740.7  
 HC-E4N3/E9083SK S/N HH-3045 SOH: 740.7 TT: 740.7

C/W an Annual inspection IAW FAR 43 Appendix D & A+ Inspection on this aircraft. C/W 200 hour/3 month Concorde battery capacity test. C/W 600 hour/24 month compressor belt replacement. C/W 12 month landing gear long life program inspections on all three gear legs IAW CMM's. Performed 12 month RVSM airframe integrity inspection. C/W 12 month servo actuators torque check and lubrication. C/W all 12 month inspection items. C/W flight control travel checks. Cleaned prop shaft seal drain. Inspected brushes (50% remaining) and blew dust from starter generator. Inspected fuel unit filter. Performed brake inspection and rotated assemblies 180°. Aircraft cleaned & lubricated. Performed operational check of de-ice boot system. Performed static wick bonding inspection. Cleaned suction regulator screen. Verified proper torque on elevator trim, rudder trim, and aileron trim tab actuator rod hardware. Serviced oxygen system. Removed and replaced stairs placard with new. Complied with an annual inspection on ELT IAW FAR 91.207 (d) 1-4, (ELT battery expires 02/2020). C/W SB 70-118 Flap Actuators. C/W SB 70-214 Strake. Verified AD 2014-06-06 Main gear actuator PCW IAW SB 70-206 and SB 70-207, no further action required. C/W AD 2014-09-03 Horizontal stabilizer, no further action required. I certify this aircraft has been inspected IAW an annual inspection and was determined airworthy and returned to service. THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #4458**.

SIGNED

  
 BRADLEY KLAWITER for:  
 RICE LAKE AIR CENTER  
 CRS # RL8R462J  
 CAMERON, WI. 54822

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

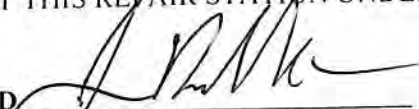


April 11, 2014

N313BP TBM 850 S/N: 434 HOBBS: 652.5 TT: 652.5 Cycles: 292  
 PT6A-66D S/N RV0090 TT: 652.5  
 HC-E4N3/E9083SK S/N HH-3045 TT: 652.5

C/W an A+ Inspection on this aircraft. C/W 200 hour/3 month Concorde battery capacity test. C/W 36 month brake reservoir and hydraulic system inspections. C/W 36 month flap roller lubrication. C/W 36 month standby compass calibration (new compass correction card installed in aircraft). C/W 24 month/400 hour fuel gauges inspection. C/W 12 month landing gear long life program inspections on all three gear legs IAW CMM's. Performed 12 month RVSM airframe integrity inspection. C/W 12 month servo actuators torque check and lubrication. C/W Technical Note 70-014-28 "Fuel Gauge Harness". C/W application of repair # 70-133 "Reparation Switch Mask S124" IAW drawing # T700A5120576. C/W all 12 month inspection items. C/W flight control travel checks. Cleaned prop shaft seal drain. Inspected brushes (52% remaining) and blew dust from starter generator. Inspected fuel unit filter. Performed brake inspection. Removed and replaced all brake linings with new and performed break-in. Removed and replaced both main tires with new. Aircraft cleaned & lubricated. Performed operational check of de-ice boot system. Performed static wick bonding inspection. Cleaned suction regulator screen. Verified proper torque on elevator trim, rudder trim, and aileron trim tab actuator rod hardware. Serviced oxygen system. Complied with an annual inspection on ELT IAW FAR 91.207 (d) 1-4, (ELT battery expires 02/2020). C/W SB 70-118 Flap Actuators. C/W SB 70-197 Security of Landing Gear Actuator Rod/Piston. Measurements were as follows: Nose actuator s/n 104 (8mm) dimension A was 4.70mm, Right actuator s/n 95 (8mm) dimension A was 5.49mm, and Left actuator s/n 94 (8mm) dimension A was 5.00mm. C/W SB 70-204 Chip Detector Wiring Harness Installation. C/W SB 70-206 Landing Gear Actuator Rod End Assembly. C/W SB 70-204 Landing Gear Actuator Lower Attachment. C/W AD 2014-06-06 Landing Gear IAW SB 70-197 and SB 70-206, (not recurring).

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #4322.**

SIGNED   
 JODE ROBBINS for:  
 RICE LAKE AIR CENTER  
 CRS # RL8R462J  
 CAMERON, WI. 54822

r  
 vice  
 aler



**ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE**

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

715-853-4445

P.O. BOX 147  
Caroline, WI 54928

Pilot 51000 N313BP

TEST ALT X 1000 FT.	-1	0	5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL.				20		30	30					80				
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL				0	0	0	0	0	0	0	-10	-10	-10	-10	-10	-10
FRICION.				0	0	0	0	0	0	0	0	0	0	0	0	0
TEST ALT X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK	HYSTERSIS TOL. +75 FT.		ALTIMETER			
TOL.		130		155	180	205	230		280	TOL.	50%		Make <u>Garmin</u>			
± FT.	120	100	140	120	140	160	180	255	250	100 FT	MAX.		Model <u>GDC 74B</u>			
ACTUAL				0	0	0	0	0	0	TEMP	40%		S/N <u>43800489</u>			
FRICION.				0	0	0	0	0	0	C	MAX.		BLIND ENCODER			

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
 ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL Garmin GTX 33 #1 S/N 89102791

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for return to service

Date 3/29/14 W.O. 3164 Signed Frank Kott

ALTIMETER
Make <u>Garmin</u>
Model <u>GDC 74B</u>
S/N <u>43800489</u>
BLIND ENCODER
Make <u>X</u>
Model <u>X</u>
S/N <u>X</u>
#2 TRANSPONDER
Make <u>X</u>
Model <u>X</u>
S/N <u>X</u>

**ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE**

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

715-853-4445

P.O. BOX 147  
Caroline, WI 54928

Co-pilot N313BP

TEST ALT X 1000 FT.	-1	0	5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL.				20		30	30					80				
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL				0	0	0	0	0	0	0	0	0	-10	-10	-10	-10
FRICION.				0	0	0	0	0	0	0	0	0	0	0	0	0
TEST ALT X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK	HYSTERSIS TOL. +75 FT.		ALTIMETER			
TOL.		130		155	180	205	230		280	TOL.	50%		Make <u>Garmin</u>			
± FT.	120	100	140	120	140	160	180	255	250	100 FT	MAX.		Model <u>GDC-74B</u>			
ACTUAL				0	0	0	0	0	0	TEMP	40%		S/N <u>43800488</u>			
FRICION.				0	0	0	0	0	0	C	MAX.		BLIND ENCODER			

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
 ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL Garmin GTX 33 #2 S/N 89102784

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for return to service

Date 3/29/14 W.O. 3164 Signed Frank Kott

ALTIMETER
Make <u>Garmin</u>
Model <u>GDC-74B</u>
S/N <u>43800488</u>
BLIND ENCODER
Make <u>X</u>
Model <u>X</u>
S/N <u>X</u>
#2 TRANSPONDER
Make <u>X</u>
Model <u>X</u>
S/N <u>X</u>

ture réparateur  
remise en service  
ure of overhauler  
ice release



March 21, 2013

Dates

N313BP TBM 850 S/N: 434 HOBBS: 549.4 TT: 549.4 Cycles: 245

Dates

PT6A-66D S/N RV0090

TT: 549.4

HC-E4N3/E9083SK S/N HH-3045

TT: 549.4

Performed an annual/600 hour inspection on this aircraft IAW FAR 43 appendix D. C/W 200 hour/3 month Concorde battery capacity test. Removed and replaced aircraft battery with new P/N RG380E/44 S/N 40544804. C/W 10 year landing gear long life program inspections on NLG P/N D23766000 S/N B250, LH MLG P/N D23767000 S/N B246 and RH MLG P/N D23768000 S/N B249 IAW CMM's. Performed 12 month RVSM airframe integrity inspection. C/W 60 month mechanical fuel pump lubrication. C/W 600 hour fuel unit filter replacement. C/W 600 hour standby generator brush replacement. C/W 600 hour starter generator brush inspection (70% remaining). C/W 24 month/600 hour compressor belt replacement. C/W 12 month servo actuators torque check and lubrication. Installed shimmy damper modification IAW Down Time Aviation STC # SA11045SC and filed FAA form 337, updated POH and aircraft records. C/W all 12 month inspection items. Cleaned prop shaft seal drain. Performed brake inspection and rotated assemblies 180 degrees. Removed and replaced nose tire with new P/N 071-311-0. Aircraft cleaned & lubricated. Performed operational check of de-ice boot system. Performed static wick bonding inspection. Cleaned suction regulator screen. Verified proper torque on rudder trim and aileron trim tab actuator rod hardware. Removed cabin evaporator P/N 3733A030000 S/N 865 and replaced with new P/N 3733A040000 S/N 898(R) IAW Liebherr CMM. Removed cockpit evaporator P/N 1714A010001 S/N 46 and installed new P/N 6046297258 S/N 91R, 92R IAW Liebherr CMM. Serviced air conditioning air conditioning system. Removed and replaced "Drainage" placard on panel 213 with new. Serviced oxygen system. Complied with an annual inspection on ELT IAW 91.207 (d) 1-4, (ELT battery expires 02/2020). C/W SB 70-118 Flap Actuators. C/W SB 70-205 Data Loading upgrade "ECTM" files. Verified AD 2012-10-14 nose landing gear PCW IAW SB 70-194 on 02/2012, not recurring. I certify this aircraft has been inspected IAW an annual inspection and was determined airworthy and returned to service.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #4188**.

SIGNED

*Thomas M. Bush*  
Thomas M. Bush for:

RICE LAKE AIR CENTER

CRS # RL8R462J

CAMERON, WI. 54822

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



November 19, 2012

N313BP TBM 850 S/N: 434 HOBBS: 527.0 TT: 527.0 Cycles:

PT6A-66D S/N RV0090

TT: 527.0

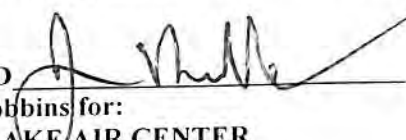
HC-E4N3/E9083SK S/N HH-3045

TT: 527.0

Removed and replaced ELT battery with new P/N 455-0012 S/N 357121-061. Battery expires 02/2020.  
Lubricated manual override cable shaft.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #4152**.

SIGNED

  
 Jode Robbins for:

RICE LAKE AIR CENTER

CRS # RL8R462J

CAMERON, WI. 54822



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

MAKE: SOCATA  
MODEL: TBM-700  
S/N: 434  
REG NO: 313BP  
WORK ORDER:  
ANE9985-01-2012



**R.C. Avionics, Inc.**

Repair Station No. KP5R996M  
2161 Missouri Row Box B-7  
Blaine, MN 55449  
Phone: 763-398-3920  
Email: russc@rcavionics.com

DATE 2/1/2012  
A/C TSN  
TACH 443 6

**Airframe Entries**

1 Assisted Tom Howard from Honeywell with troubleshooting of intermittent Traffic failures related to the bottom KA815 antenna. Removed bottom antenna 071-01599-0100 S/N: 21268 and installed new exchange S/N: 23361. Performed post installation checkout procedures.

4 Performed The Following:  
Performed RVSM Inspection & Certify Aircraft Altimeter System Conforms to Manufactures Specifications as Per Airframe Maintenance Manual: Socata TBM 850 Dated: DEC, 2007. The Altimeter Systems Meet or Exceed the Specifications and conform to RVSM Standards.

The Below Identified Equipment Has Been Found To Conform To The Following: FAR 91.411, 91.217, Part 43 Appendix E, FAR 91.413, Part 43 Appendix F. FAR Part 23.1325. This Equipment Is Compliant With The Above FAR's And Meets or Exceeds The Requirement For IFR Flight In Instrument Meteorological Conditions, (IMC). The below altimetry maintain specified accuracy to: 35000 Feet.

The below Mode 'S' Transponder conforms to the Manufacturers Specifications. The Mode 'A' and Mode 'C' characteristics has been found to conform the following: FAR.413, Part 43 Appendix F. This equipment is compliant with the above FAR's and meets or exceeds requirement for airworthy transponder.

**Pilots Panel  
ADC**

Make: Garmin  
Model: GDC-74B  
PN: 011-01110-00  
SN: 43800489

**Transponder**  
Make.: Garmin  
Model: GTX-33  
PN: 011-00779-10  
SN: 89102791

**Copilots Panel  
ADC**

Make: Garmin  
Model: GDC-74B  
PN: 011-01110-00  
SN: 43800488

**Transponder**  
Make.: Garmin  
Model: GTX-33  
PN: 011-00779-10  
SN: 89102784

**Standby Altimeter**

Make: Revue Thommen AG  
Model: 3A43.22.35F.28.1.GN  
SN: 1049939

DATE: 2/1/2012

SIGNED:

Alan Akre  
Certified Repair Station No. KP5R996M

Work Order: ANE9985-01-2012

Printed by EBis 3 (datcomedia.com)

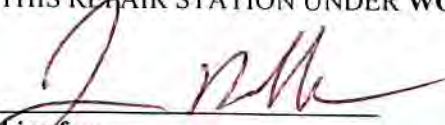


February 3, 2012

Date	N313BP TBM 850 S/N: 434	HOBBS: 443.6	TT: 443.6	Cycles: 195
	PT6A-66D S/N RV0090		TT: 443.6	
Date	HC-E4N3/E9083SK S/N HH-3045		TT: 443.6	

Performed an annual/600 hour inspection on this aircraft IAW FAR appendix D. C/W 200 hour/3 month Concorde battery capacity test. C/W 500 hour gyro filter replacement. Removed and re-installed aircraft oxygen cylinder s/n ALT279-16264 after 60 month hydrostatic testing and re-certification performed by All-Safe, Inc. W.O. # 20584. C/W 48 month/1500 hour flapper valve, strainer, and gauge inspections. C/W 12 month landing gear long life program inspections on all three landing gear legs IAW CMM's. Performed 12 month RVSM airframe integrity inspection. C/W all 12 month inspection items. Cleaned prop shaft seal drain. Inspected starter generator brushes, (worn 45%), and blew dust from unit. Inspected fuel unit filter. Performed brake inspection and rotated assemblies 180 degrees. Installed new bearing and race in right side of nosewheel. Aircraft lubricated. Performed operational check of de-ice boot system. Performed static wick bonding inspection. Cleaned suction regulator screen. Adjusted cable tensions IAW maintenance manual. Serviced oxygen system. Re-applied placards where required on aircraft exterior. Verified proper torque on rudder trim and aileron trim tab actuator rod hardware. Complied with an annual inspection on ELT IAW 91.207 (d) 1-4, (ELT battery expires October 2012). AD 2011-02-02 Vapour Cycle Cooling Systems PCW IAW SB 70-176 compliance performed on 6/2010, (not recurring). C/W AD 2011-17-06 Elevator Trim Tab Actuators IAW SB 70-190, (not recurring). Removed and re-installed left and right elevator trim tab actuators p/n 14540002 s/n's B61176 and B61177 (respectively) after repair performed by Zodiac Services Americas W.O. #'s 0050129035/N313BP-1-12 and 0050129038/N313BP-1-12. C/W AD 2011-23-03 Essential Bus Bars IAW SB 70-192, (not recurring). C/W AD 2011-27-09 Aileron Control Cables IAW SB 70-191, (not recurring). C/W SB 70-118 Flap Actuators. Removed and re-installed A300 calculator p/n 82024A030501 s/n 82024-00139 after modification and SB 70-189 compliance performed by Socata Aircraft W. O. # 4731. C/W SB 70-194 Amendt. 2 Nose Gear Actuator Axle Attaching Bolt. I certify this aircraft has been inspected IAW an annual inspection and was determined airworthy and returned to service.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #4051.**

SIGNED   
 Jode Robbins for:  
 RICE LAKE AIR CENTER  
 CRS # RL8R462J  
 CAMERON, WI. 54822



iteur  
service  
rhauler

January 14, 2011

N313BP TBM 850 S/N: 434 HOBBS: 342.5 TT: 342.5 Cycles: 153  
 PT6A-66D S/N RV0090 TT: 342.5  
 HC-E4N3/E9083SK S/N HH-3045 TT: 342.5

Performed an annual/600 hour inspection on this aircraft IAW TBM 850, Pratt & Whitney PT6A-66D, & Hartzell maintenance manuals, FAR appendix D, and RLAC. C/W 1200 hour/annual flap roller lubrication. C/W 200 hour/3 month Concorde battery capacity test. C/W 36 month brake reservoir, hydraulic system, and shimmy damper inspections. C/W 12 month landing gear long life program inspections on all three landing gear legs IAW CMM's. Performed 12 month RVSM airframe integrity inspection. C/W all 12 month inspection items. Cleaned prop shaft seal drain. Inspected starter generator brushes, (worn 30%), and blew dust from unit. Inspected fuel unit filter. Performed brake inspection and rotated assemblies 180 degrees. Aircraft lubricated. Performed operational check of de-ice boot system. Performed static wick bonding inspection. Cleaned suction regulator screen. Adjusted standby generator belt tension. Serviced oxygen system. Edge sealed radome. Removed and replaced both main tires with new. Verified proper torque on rudder trim and aileron trim tab actuator rod hardware. Complied with an annual inspection on ELT IAW 91.207 (d) 1-4, (ELT battery expires October 2012). AD 2008-19-06 Pulley Drive Assembly DNA by incorporation of SB 70-176 on 6/2010. AD 2010-07-07 Tow Bar Foam Pad PCW by incorporation of SB 70-179 on 2/2010. AD 2010-09-04 Software Anomalies DNA by Installation. AD 2010-11-15 Halon 1211 Gas DNA by installation. AD 2010-23-28 Difficulties for the Pilot to Release Oxygen DNA by aircraft S/N, model, and installation. C/W SB 70-118 Flap Actuators, (next due in 100 hours). I certify this aircraft has been inspected IAW an annual inspection and was determined airworthy and returned to service.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #3930**.

SIGNED

*Jode Robbins*  
 Jode Robbins for:

RICE LAKE AIR CENTER

CRS # RL8R462J

CAMERON, WI. 54822

## SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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
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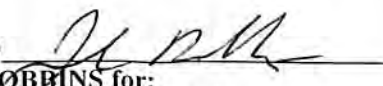


**December 22, 2010**

**N313BP TBM 850 S/N: 434 HOBBS: 334.4 TT: 334.1 Cycles:**  
**PT6A-66D S/N RV0090 TT: 334.1**  
**HC-E4N3/E9083SK S/N HH-3045 TT: 334.1**

Complied with SB 70-186 Garmin G1000 Software Version 11.01. Complied with SB 70-188 Cockpit Thermal Comfort.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #3921**.

**SIGNED**   
**JODE ROBBINS for:**  
**RICE LAKE AIR CENTER**  
**CRS # RL8R462J**  
**CAMERON, WI. 54822**

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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




October 28, 2010

N313BP TBM 850 S/N: 434 HOBBS: 323.0 TT: 323.0 Cycles:  
PT6A-66D S/N RV0090 TT: 323.0  
HC-E4N3/E9083SK S/N HH-3045 TT: 323.0

Removed KTA810 p/n 066-01152-0101 s/n 1364 and installed repaired unit p/n 066-01152-0101 s/n X1112 by Honeywell International W.O. # A19739.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #3909.**

SIGNED   
JODE ROBBINS for:  
RICE LAKE AIR CENTER  
CRS # RL8R462J  
CAMERON, WI. 54822

## SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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
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### Airframe Log

**July 30, 2010**

**N313BP TBM850  
PT6A-66D S/N RV0090  
HC-E4N3/E9083SK**

**S/N: 434**

**HOBBS: 304.1 Hrs.**

**TT: 304.1 Hrs. Cycles:N/A**

**S/N HH-3045**

**TT: 304.1 Hrs.**

**TT: 304.1 Hrs.**

Complied with Service Bulletin 70-181 ATA #28 Fuel Tank Venting per removal and installation of L/H & R/H fuel vent valves P/N 6084007280 S/N 10-0402275, P/N 6084007281 S/N 10-032614, P/N 6084007280 S/N 10-0402272, & P/N 6084007281 S/N 10-032631. Serviced all gear with nitrogen in accordance with maintenance manual. THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #3880.**

**SIGNED**

*Gregory J. Mason*  
**Gregory J. Mason for:  
RICE LAKE AIR CENTER  
CRS # RL8R462J  
CAMERON, WI. 54822**

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

2/10/2010 C/W SB 70-179 AMOT. 1 "TOWING BAR FOAM PADS" BY REMOVING  
& REPLACING TOW BAR FOAM PAD WITH NEW P/N T200C091000610100.

*JL Robbins* 367255FA



June 30, 2010

N313BP TBM 850 S/N: 434 HOBBS: 294.2 TT: 294.2 Cycles:  
PT6A-66D S/N RV0090 TT: 294.2  
HC-E4N3/E9083SK S/N HH-3045 TT: 294.2

C/W SB 70-176 Pulley Drive Assembly. Application of this SB cancels the application of SB 70-161 on this aircraft.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #3870**.

SIGNED

*JL Robbins*  
JODE ROBBINS for:  
RICE LAKE AIR CENTER  
CRS # RL8R462J  
CAMERON, WI. 54822



SERVICE DE L'AÉRONEF - AIRCRAFT RECORD



January 25, 2010

N313BP TBM 850 S/N: 434 HOBBS: 252.2 TT: 252.2 Cycles: 108  
 PT6A-66D S/N RV0090 TT: 252.2  
 HC-E4N3/E9083SK S/N HH-3045 TT: 252.2

Performed an annual/600 hour inspection on this aircraft IAW TBM 850, Pratt & Whitney PT6A-66D, & Hartzell maintenance manuals, FAR appendix D, and RLAC. C/W 1200 hour/annual flap roller lubrication. C/W 200 hour/3 month Concorde battery capacity test. C/W 12 month landing gear long life program inspections on all three landing gear legs. C/W 24 month outflow valve and safety valve seat cleaning. C/W all 12 month inspection items. Cleaned prop shaft seal drain. Inspected starter generator brushes, (worn 10%), and blew dust from unit. Inspected fuel unit filter. Performed brake inspection. Removed and replaced all brake linings with new and performed break-in. Aircraft lubricated. Performed operational check of de-ice boot system. Performed static wick bonding inspection. Cleaned suction regulator screen. Adjusted compressor belt tension IAW maintenance manual. Serviced oxygen system. Edge sealed comm. 1 and comm. 2 antennas. Adjusted cable tensions IAW maintenance manual. Applied anti-chafe tape to both flaps. Verified proper torque on rudder trim and aileron trim tab actuator rod hardware. Complied with an annual inspection on ELT IAW 91.207d 1-4, (ELT battery expires October 2012). C/W AD 2008-19-06 Pulley Drive Assembly IAW SB 70-161 Amdt. 4. AD 2008-19-10 Insufficient Gap DNA by previous compliance with SB 70-154 by Socata Aircraft W.O. # 3666. AD 2009-08-01 Shift in the FMS DNA by installation. AD 2009-08-09 Wiring Harness DNA by factory routing of harness. AD 2009-13-05 Oxygen Release DNA by aircraft S/N and installation. AD 2009-23-12 Decompression DNA by aircraft S/N and installation. C/W AD 2009-24-15 R700 and R701 Shunts IAW SB 70-169. C/W SB 70-118 Flap Actuators. C/W SB 70-180 Gas Evolution. I certify this aircraft has been inspected IAW an annual inspection and was determined airworthy and returned to service.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #3819.**

SIGNED

*Jode Robbins*  
 Jode Robbins for:  
 RICE LAKE AIR CENTER  
 CRS # RL8R462J  
 CAMERON, WI. 54822

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# ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

stand by 715-853-4445

N313BP

P.O. BOX 147  
CAROLINE, WI 54928

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16	
TOL. ± FT.	20	20	20	20	25	30	30	35	40	40	60	80	80	90	100	90	110
ACTUAL FRICTION	20	20	10	20	20	20	30	30	20	30	20	15	20	20	25	40	
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK		HYSTERSIS TOL. +75 FT.		ALTIMETER			
TOL. ± FT.	120	130	100	140	155	180	205	230	280	TOL. 100 FT.	OK	50% MAX.	+25				
ACTUAL FRICTION	40	30	40	50	50	60	180	180	255	250	TEMP. C	21	40% MAX.	+20			

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL \_\_\_\_\_ S/N \_\_\_\_\_  
The Aircraft and/or component identified hereon was repaired and inspected in accordance with  
the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for  
return to service.

Date 1/21/2010 W.O. 1695 Signed Frank Kott

Make \_\_\_\_\_  
Model \_\_\_\_\_  
S/N AS installed

BLIND ENCODER  
Make \_\_\_\_\_  
Model \_\_\_\_\_  
S/N \_\_\_\_\_

#2 TRANSPONDER  
Make \_\_\_\_\_  
Model \_\_\_\_\_  
S/N \_\_\_\_\_

## AC LOG ENTRY

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

Phone 715-853-4445  
Fax 715-754-4835

P.O. BOX 147  
CAROLINE, WI 54928

Tested pilot AND co-pilot Garmin G1000  
Air DATA DISPLAYS in accordance with  
EADS SOCATA S.B For use in RVSM  
Airspace. tests conducted with Labersab  
model 6300 in current calibration. — END —

The aircraft and/or component identified hereon was repaired and inspected in accordance with current  
federal aviation regulations and was found airworthy for return to service.

Date 1/21/2010 W.O. 1695 Signed Frank Kott

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**ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE**  
 PLANE SENSE AVIONICS  
 FAA CRS 13PR698Y  
 P.O. BOX 147  
 CAROLINE, WI 54928

Pilots N 313 BP

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL. ± FT.	20	20	20	20	25	30	30	35	40	40	60	80	90	100	90	110
ACTUAL	0	0	0	-10	0	0	0	-5	-	-10	-10	-10	-20	-10	-	-10
FRICITION																
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK		HYSTERSIS TOL. +75 FT.		ALTIMETER		
TOL. ± FT.	130	130	140	155	180	205	230	280	280	TOL. OK	50% MAX.	OK	Make <u>Garmin</u>			
ACTUAL	120	100	140	120	140	160	180	255	250	100 FT	40% MAX.	OK	Model <u>G-1000</u>			
FRICITION	-10	-10	-10	-10	0	0	0	0	0	TEMP C 21	MAX.	OK	S/N <u>AS Installed</u>			
													BLIND ENCODER			
													Make			
													Model <u>X</u>			
													S/N			
													#2 TRANSPONDER			
													Make			
													Model <u>X</u>			
													S/N			

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN ACCORDANCE WITH FAR 43 APP. F. #1

TRANSPONDER MODEL Garmin S/N AS Installed  
 The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for return to service.  
 Date 1/21/2010 W.O. 1695 Signed Frank Koell

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**ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE**  
 PLANE SENSE AVIONICS  
 FAA CRS 13PR698Y  
 P.O. BOX 147  
 CAROLINE, WI 54928

Co-pilots N 313 BP

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL. ± FT.	20	20	20	20	25	30	30	35	40	40	60	80	90	100	90	110
ACTUAL	0	+10	-10	-10	-5	-5	-5	-10	-	-10	-10	-10	-10	-10	-	-10
FRICITION																
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK		HYSTERSIS TOL. +75 FT.		ALTIMETER		
TOL. ± FT.	130	130	140	155	180	205	230	280	280	TOL. OK	50% MAX.	OK	Make <u>Garmin</u>			
ACTUAL	120	100	140	120	140	160	180	255	250	100 FT	40% MAX.	OK	Model <u>G-1000</u>			
FRICITION	-10	+10	+10	+10	+10	+10	+10	+10	+10	TEMP C 21	MAX.	OK	S/N <u>AS Installed</u>			
													BLIND ENCODER			
													Make			
													Model <u>X</u>			
													S/N			
													#2 TRANSPONDER			
													Make			
													Model <u>X</u>			
													S/N			

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN ACCORDANCE WITH FAR 43 APP. F. #2

TRANSPONDER MODEL Garmin S/N AS Installed  
 The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for return to service.  
 Date 1/21/2010 W.O. 1695 Signed Frank Koell





SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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



July 22, 2009

N313BP TBM 850 S/N: 434	HOBBS: 204.1	TT:	Cycles:
PT6A-66D S/N RV0090		TT:	
HC-E4N3/E9083SK S/N HH-3045		TT:	

C/W SB 70-172 Garmin software 9.14

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #3771.**

SIGNED

Jode Robbins for:

RICE LAKE AIR CENTER

CRS # RL8R462J

CAMERON, WI. 54822



SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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

\*\*\*\*\***MUNCIE AVIATION COMPANY C.R.S. # AJVR135C**\*\*\*\*\*

Removed KTA-810 p/n 066-01152-0101  
s/n KTA810-1600 and installed  
warranty replacement s/n 1364 in  
the same location

Make Socata Ser No. 434

Model: TBM850 Reg. Mark N313BP

The aircraft / component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Pertinent details of the repair are on file at the Agency

Work Order No: F5391 Date: 04-15-09

Signed:  Inspector for

MUNCIE AVIATION COMPANY C.R.S #AJVR135C

MUNCIE, IN 47303-9778 (765) 289-7141



Aircraft Time 186.8

PLEASE PLACE IN AIRCRAFT LOGBOOK

# SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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

Maintenances released




January 13, 2009

N313BP TBM 850 S/N: 434 HOBBS: 147.2 TT: 147.2 Cycles: 59  
PT6A-66D S/N RV0090 TT: 147.2  
HC-E4N3/E9083SK S/N HH-3045 TT: 147.2

Performed an annual/100 hour inspection on this aircraft IAW TBM 850, Pratt & Whitney PT6A-66D, & Hartzell maintenance manuals, FAR appendix D, and RLAC. C/W 1200 hour/annual flap roller lubrication. C/W 200 hour/3 month Concorde battery capacity test. C/W all 12 month inspection items. Cleaned prop shaft seal drain. Inspected starter generator brushes, (worn 10%), and blew dust from unit. Inspected fuel unit filter. Performed brake inspection and rotated assemblies. Aircraft lubricated. Performed operational check of de-ice boot system. Performed static wick bonding inspection. Serviced oxygen system. Replaced door stair limit placard with new. Garmin 1000 recorded airframe exceedance. Reviewed data and confirmed pilot did not turn on pitot heat. Exceedance erased 1/9/2009. Complied with an annual inspection on ELT IAW 91.207d 1-4, (ELT battery expires October 2012). C/W AD 2008-19-06 Pulley Drive Assembly. C/W SB 70-118 Flap Actuators. C/W SB 70-163 Wiring Below Floor Boards. I certify this aircraft has been inspected IAW an annual inspection and was determined airworthy and returned to service.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #3713**.

SIGNED

  
Jode Robbins for:

RICE LAKE AIR CENTER

CRS # RL8R462J

CAMERON, WI. 54822



November 17, 2008

N313BP TBM850 S/N: 434 HOBBS: 125.8 Hrs. TT: 125.8 Hrs.

Performed G1000 system software reload. Installed Concorde aircraft battery minder in accordance with FAA form 337 on file with aircraft records. Adjusted cabin door shutoff switch. Serviced all tires with nitrogen in accordance with maintenance manual. THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #3702.**

SIGNED Thomas M. Bush  
Thomas M. Bush for:  
RICE LAKE AIR CENTER  
CRS # RL8R462J  
CAMERON, WI. 54822

# SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Détails vérifications et travaux entretien - Révisions partielles ou générales  
Modifications - Essais en vol

Cachet - Signature réparateur  
Approbation pour remise en service




August 20, 2008

N313BP TBM 850 S/N: 434 HOBBS: 100.9 TT: 100.9

Removed and replaced B64 cabin fan p/n ZOON6046297231 s/n 8031-00101 with new p/n 8031A020001 s/n 8031-00335. Removed and replaced B63 cockpit fan p/n ZOON6046297259 s/n 8031-00102 with new p/n 8033A020001 s/n 8033-00302. Removed and replaced B12 ground fan p/n ZOON6046297231 s/n 8031-00104 with new p/n 8031A020001 s/n 8031-00336. Removed and re-installed air conditioning pulley drive assembly p/n T700G215510000000 after repair by Socata W.O. # 8110944. Complied with Tech. Note 70-010 Rudder Pedal Floor Panel Replacement on both left and right position rudder pedal assemblies by installing new panels p/n T700C536002500200, and T700C536002500300.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #3673**.

SIGNED

  
Jode Robbins for:

RICE LAKE AIR CENTER

CRS # RL8R462J

CAMERON, WI. 54822

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

5

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



July 8, 2008

N313BP TBM 850 S/N: 434 HOBBS: 93.5Hrs TT: 93.5 Hrs CYCLES:

C/W SB 70-161-2 solution 1

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #3665.**

SIGNED

*J. Robbins*  
 JODE ROBBINS for:

RICE LAKE AIR CENTER

CRS # RL8R462J

CAMERON, WI. 54822


# SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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



North Perry Airport 7501 S. Airport Road, Pembroke Pines, FL 33023 / FAA CRS # URZR891L / EASA.145.5152

Date	June 26, 2008	Aircraft Type	TBM 850	SN	434	Registration	N 313BP
Meter Time	89.1		Hobbs	T. T.	89.1	W/O No.	3666

Performed first 100h. Inspection per TBM 700 Maintenance manual chapter 05-20-01/05-20-02. C/W AD 2007-02-08 Verified the original yokes in the brake master cylinder assemblies delivered with the airplane are installed. C/W AD 2007-03-17 Inspection for loose rivet at frames C18bis and C19 IAW SB 70-129 no defect. C/W SB 70-118 Cleaned, inspected and lubricated flap actuator rods. C/W SB 70-154 Checked the gap between floor panel attaching lug and landing gear emergency control button, found to be sufficient gap, no further action is required. C/W SB 70-160 Garmin G1000 Software Version 9.01; Recorded and saved "EXCEEDANCES/TREND" files on SD card per "LMM Garmin 1000" Par. 2.15.3 IAW SB Par. B, Recorded of Parameters IAW procedures in SB Par. C, Data loading to upgrade software to version 9.01 IAW SB Par. D, Data loading to upgrade SD card "check list" IAW SB Par. E. Removed # 1 Comm antenna, cleaned antenna base and fuselage to get a good grounding and re-installed antenna Ops. checked good. Replaced stall warning lift transducer assy S/N 490 with a serviceable unit P/N T700G9212010SE001/799-5 S/N 496 and Ops. checked good.

I certify that this Aircraft/Engine/Propeller/Appliance has been inspected/repared in accordance with FIRST 100h inspection per Socata M.M. & Far 43 and determine to be in Airworthy condition. Pertinent details on file under W.O. # 3666 and copy given to customer.

Acrft. T.T. 89.1  
 Engine T.T. 89.1  
 Prop. T.T. 89.1  
 Signature K. Thompson Date 6.26.08  
 CRS # URZR891L / EASA.145.5152

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of 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. # 3666 , Date: 6.26.08 Signature: K. Thompson CRS # URZR891L / EASA.145.5152

KAM PHONGSAVATH

# SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

4

Dates	Temps de vol depuis la précédente opération d'entretien Duration of flight since last	Heures totales	Heures depuis entretien majeur	Nombre d'atterrissages	Motif de l'entretien Maintenance motive
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North Perry Airport 7501 S. Airport Road, Pembroke Pines, FL 33023 / FAA CRS # URZR891L / EASA.145.5152

Date	June 24, 2008	Aircraft Type	TBM 850	SN	434	Registration	N 313BP
Meter Time	88.2	Hobbs	T. T.	88.2	W/O No.	3654	

1. C/W TN 70-009-35 Removed panel 236L, performed mechanically safety S41 - P1 connector with 0.025 in lockwire and re-installed panel 236L.
2. C/W SB 70-157 by replacing A 300 calculator P/N 82024A020301 S/N 82024-00107 with new unit P/N ZOON6046297281/ 82024A030301 S/N 82024-00139, performed an operational check of air conditioning system operates normal.
3. C/W EADS SOCATA Technical Instruction of Modification No. OPT70K115-00; Replaced bleed pressure sensor S209 clamps with new IAW Par. A, installed 2 ea. rivets on C4bis and C5 lower frame IAW Par. B, Replaced door structure panel bolt with new IAW Par. C, replaced rivet on cabin table attach stringer with new Hi-loc IAW Par. D.
4. Removed cabin temperature sensor S/N 93276-S2J0/05 and installed new sensor S/N 93276-AA18/10 IAW Socata maintenance manual chapter 21-60-08. Ops. checked good.
5. Replaced all 6 ea. window curtain P/N T700G2520040000 and 1 ea. Door window P/N T700G2520040001 with new.
6. Repositioned engine intake heater hose as required to avoid contacting with engine cowling.
7. Installed new door inner handle circlip IAW Socata maintenance manual chapter 52-11-01.
8. C/W Alert SB 70-161 Solution 2: Replaced drive shear shaft with new P/N T700G2155045100, next replacement due before or at 168 hrs.
9. Replaced negative pressure and overpressure vent valves on left and right fuel tank with new P/N ZOON6084007277, ZOON6084007278.
10. Replaced left and right fuel caps with new P/N ZOON7130230002.
11. Replaced registration with new stickers same numbers N313BP.
12. Performed propeller dynamically balancing per Microvib II Manual.
13. Repositioned micro switch mounting screws and cleaned accumulated dirt around the push button housing of the micro switch using contact cleaner and Ops. checked good.

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of 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. # *3654* , Date: *6-24-08* Signature: *K. Phongsavath* CRS # URZR891L / EASA.145.5152

(KAM PHONGSAVATH)

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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



May 1, 2008

N313BP TBM 850 S/N: 434 HOBBS: 68.1 Hrs TT: 68.1 Hrs CYCLES:

Installed new N # registration N313BP.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #3638.**

SIGNED

\_\_\_\_\_  
JODE ROBBINS for:  
RICE LAKE AIR CENTER  
CRS # RL8R462J  
CAMERON, WI. 54822

**SERVICE DE L'AÉRONEF - AIRCRAFT RECORD**

3

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



**April 7, 2008**

**N847MA TBM 850 S/N: 434 HOBBS: 62.6 TT: 62.6**

Complied with Alert SB 70-156-24 Amnd. 1 Alternator Drive Assembly Evaluation by removing and re-installing pulley drive assembly p/n T700G215505610000 after repair by EADS Socata North America W.O. # 3609.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #3621.**

SIGNED *J. Robbins*  
**Jode Robbins for:**  
**RICE LAKE AIR CENTER**  
**CRS # RL8R462J**  
**CAMERON, WI. 54822**


# SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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



North Perry Airport 7501 S. Airport Road, Pembroke Pines, FL 33023 / FAA CRS # URZR891L / EASA.145.5152

Date <b>January 22, 2008</b>	Aircraft Type <b>TBM 850</b>	SN <b>434</b>	Registration <b>N 847MA</b>
Meter Time <b>23.9</b>	<b>Hobbs</b>	T. T. <b>23.9</b>	W/O No. <b>3566</b>

1. Serviced oxygen to Mfg. Specs., performed operational and leak check good no leak noted.
2. Replaced strobe light circuit breaker with new P/N Z00N7445450000 Ops. checked good.
3. Adjusted R/H intermediate window curtain inertial reel and Ops. checked good.
4. Repositioned and secured R/H exhaust stub hose to avoid contacting with engine cowling.

I certify that this Aircraft/Engine/Propeller/Appliance has been inspected/ repaired in accordance with Discrepancies inspection per Socata M.M. & Far 43 and determine to be in Airworthy condition. Pertinent details on file under W.O. # 3566 and copy given to customer.

Acrft. T.T. 23.9  
 Engine T.T. 23.9  
 Prop. T.T. 23.9  
 Signature K. Phongsavath Date 1.22.08  
 CRS # URZR891L / EASA.145.5152

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of 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. # 3566 , Date: 1.22.08 Signature: K. Phongsavath CRS # URZR891L / EASA.145.5152

**KAM PHONGSAVATH**

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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

EADS-SOCATA

**STATEMENT**

Altimeter/Static and altitude reporting equipment systems have been tested and inspected per appendices E and F of part 43, as required by F.A.R. 91.411, Calibrated to

Dated 12/2007

Signed



Agrément de Production  
 FR - 21G - 0027

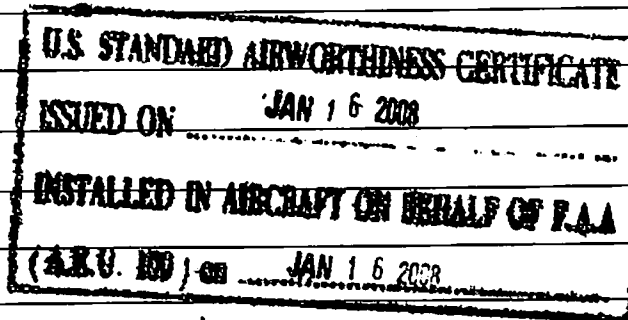
EADS-SOCATA

**STATEMENT**

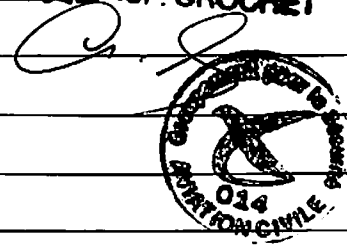
Transponder has been tested and inspected and found to comply with appendix F of Part 43 in accordance with FAR 91.413

Dated 12/2007

Signed



à Tarbes le 16 JAN 2008 : P. BROCHET



I certify that this aircraft has been repaired in accordance with maintenance manuel and was determined to be in airworthy condition.

This aircraft is approved for return to service under FAA certificate number XSOY114Y

Pertinent details of the work are on file at this repair station under work report 26/08

Name: GONZALEZ

Stamp: 33

16 January