

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

40

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



PO Box 219
200 Hardy Roberts Dr.
West Paducah, KY 42086
(270)744-8686 Ph.
(270)744-3466 Fax
midwest-aviation.com

Date: 2-21-2019 N850CA

Tach/Hobbs: 334.3

Airframe TT : 1363.5

Removed It middle seat and carpet. Removed left rear close out panel and sidewall panel around rear door area and removed It middle sidewall panel at Bose jack location and reinstalled Bose head set jack using original retaining nut. Reinstalled sidewall using retained hardware during removal. Reinstalled aft close out panel and reinstalled left middle seat and carpet.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 13864

SIGNATURE  for CRS MW8R657W

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

[illegible]

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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Détails vérifications et travaux entretien - Révisions partielles ou générales

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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

1. I certify that the Altimeter system and Altitude Reporting equipment have been tested and inspected as required by FAR 91.411 and found to comply with Appendix E of Part 43.

2. I certify that the Transponder(s) have been tested in accordance with 91.413 and meet the requirements of Part 43 Appendix F

3. Meets RVSM Compliance as per TSM MM Ch 34

Alt #1 PN:

Alt #2 PN:

Xpdr #1 PN:

Xpdr #2 PN:

Alt Reporter PN:

Work Order #:

SN: 494101824

SN: 494101458

SN: 3EH020878

SN: 89109428

SN: 1061258

N# N850CA

Signed:

Eric Miller

Date:

4/3/19

Repair Station Certificate: X1IR59SV

205 Durley Ave. Ste A
Camarillo, CA 93010
C.R.S. X1IR59SV



ARS13

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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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
	<p>AVEX Inc. C.R.S. X11R595Y</p> <p>205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323</p> <p>AIRFRAME S/N: 552 N850CA Date: 4/4/2019</p> <p>Work Order: 14922 Socata TBM 700</p> <p>Tach: Hobbs: 1048.6 TTSN: TLSN:</p> <ol style="list-style-type: none"> 1. Replace ELT battery. Removed ELT battery PN 452-0133 SN 362960-007 due to time in service. Installed new ARTEX 406 battery PN 452-0133 SN 379603-006 I.A.W. ARTEX MM and tested, operation check good. 2. Complied with the 12 month certification of the ELT system I.A.W. FAR 91.207(d). No defects found at this time. Battery next due replacement Feb 2024. PN C401-1, Beacon ID# 2DC7574F16FFBFF, SN 170-11318 <p>This aircraft, airframe, aircraft engine, propeller or appliance was repaired/inspected in accordance with the current Federal Aviation Regulations and has been found to be in an airworthy condition for scope of work performed. Pertinent details of the repair/inspection are on file at this Repair Station under Work Order No. 14922.</p> <p>(LBID:15242)</p> <p>For: FAA Approved Repair Station # X11R595Y</p> <p>Date 04/04/19</p> <p>AVEX 48 JO 15242</p>				



SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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Stamp and signature of overhauler
Maintenance release

AVEX Inc.

C.R.S. X1IR595Y

205 Durlay Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

AIRFRAME

Socata TBM 700

S/N: 552

N850CA

Work Order: 14922

Tach:

Hobbs: 1048.6

TTSN:

TLSN:

Date: 4/4/2019

1. Fuel pressure still fluctuates after replacing transmitter. Removed fuel pressure transducer PN 9308704 SN 17051-01Q7YJ and installed serviceable fuel pressure transmitter PN 9308704 SN 18017-01R4VL. Performed leak check no discrepancies noted at this time. All work completed I.A.W. Daher MM Chapter 28.

This aircraft, airframe, aircraft engine, propeller or appliance was repaired/inspected in accordance with the current Federal Aviation Regulations and has been found to be in an airworthy condition for scope of work performed. Pertinent details of the repair/inspection are on file at this Repair Station under Work Order No. 14922.

(LBID:15243)

For: FAA Approved Repair Station # X1IR595Y

Date

04/04/19

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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Dates	Temps de vol depuis la précédente opération d'entretien Duration of flight since last maintenance operation	Heures totales Hours since manufacture	Heures depuis entretien majeur Hours since major maintenance	Nombre d'atterrissages Number of landings	Motif de l'entretien Maintenance motive
<div> <div> AVEX Inc. 205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323 AIRFRAME Socata TBM 700 Work Order: 15335 Tach: Hobbs: 1119.1 </div> <div> C.R.S. X1IR595Y S/N: 552 TTSN: 1453.4 Date: 10/7/2019 N850CA </div> </div>					
Page 1 of 4					
<ol style="list-style-type: none"> Complied with a "B" Inspection plus Annual I.A.W. Daher MM Chapter 05-20-03 and 05-20-05. All AD's checked through revision 2019-20; see AD compliance record provided with the airframe logbook. Daher checklist meets requirements of 14 CFR 91.409 and 14 CFR 43 Appendix D. Complied with the 12 month certification of the ELT system I.A.W. FAR 91.207(d). No defects found at this time. Battery next due replacement 02/2024. Complied with SB 70-118-27R1 Paragraph A by the check for play between the flap actuator drive nut and internal actuator rod I.A.W. Daher MM Chapter 27. No defects found at this time. Complied with SB 70-118-27R1 Paragraph C by the cleaning and lubrication of the left and right flap actuator rods I.A.W. Daher MM Chapter 27. Op checks good on the extension and retraction of the flaps. Complied with 7 year or 5000 landings replacement of the nose gear bolt that secures actuator hinge pin / axle with new I.A.W. Daher MM Chapter 32 and SB 70-194R2. Complied with the 3 year replacement of the landing gear hydraulic fluid I.A.W. Daher MM Chapter 32. Op and leak checks good. Complied with the 3 year replacement of the brake system hydraulic fluid I.A.W. Daher MM Chapter 32. Op and leak checks good. Complied with the 3 year swing of the standby compass I.A.W. Daher MM Chapter 34. Updated the compass card and installed in the aircraft. Performed 12 month B35, B36, B37 and B38 servo actuator clutch friction torque check I.A.W. Daher MM Chapter 22. Op checks good. Complied with the 12 month or 200 hour capacity check of the lead acid battery S/N 40948920 I.A.W. Concorde Battery Corp. S.T.C. SA00775LA instructions for continued airworthiness. Capacity checks good. Complied with 1 year, 5year, and 10 year nose landing gear long life inspections I.A.W. CMM 32-21- 					

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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AVEX Inc.

C.R.S. X1IR595Y

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205 Durlay Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

AIRFRAME

Socata TBM 700

S/N: 552

N850CA

Work Order: 15335

Date: 10/7/2019

Tach:

Hobbs: 1119.1

TTSN: 1453.4

TLSN: 1059

01. Op and leak checks good. No defects noted at this time.

✓ 12.

Complied with 1 year, 5 year, and 10 year left main landing gear long life inspection I.A.W. CMM 32-10-01. Op and leak checks good. No defects noted at this time.

✓ 13.

Complied with 1 year, 5 year, and 10 year right main landing gear long life inspection I.A.W. CMM 32-11-01. Op and leak checks good. No defects noted at this time.

14.

Complied with the annual servicing of the oxygen system I.A.W. Daher MM Chapter 35. Op and leak checks good.

✓ 15.

Complied with the 1500 hour or 4 year check of the fuel strainer in the left wing I.A.W. Daher MM Chapter 28. No defects found at this time.

✓ 16.

Complied with the 1500 hour or 4 year check of the fuel strainer in the right wing I.A.W. Daher MM Chapter 28. No defects found at this time.

17.

Removed worn nose landing gear tire P/N 071-311-0 S/N 4356S00147 and installed new nose landing gear tire P/N 071-311-0 S/N 9042S00092 and balanced nose tire I.A.W. Daher MM Chapter 32. Op checks good.

18.

During ground run, max reverse prop RPM is high. Adjusted propeller RPM down and is now reading within limits at 1880 RPM I.A.W. Daher MM Chapter 76.

19.

Removed and replaced blue EPA exhaust drain hose with new I.A.W. Daher MM Chapter 78.

20.

Adjusted low standby generator belt tension to 128 +/- 5 I.A.W. Daher MM Chapter 24.

21.

Removed and replaced left static port 'Keep Clean' placard with new I.A.W. Daher MM Chapter 11.

22.

Left aileron small static wick failed ohm's check. Removed and replaced static wick with new I.A.W. Daher MM Chapter 34. Op checks good.

23.

Repaired two pin holes on left outboard de-ice boot I.A.W. Aerazur MM Chapter 30. Op and leak checks good.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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C.R.S. X1IR595Y

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205 Durlay Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

AIRFRAME

Socata TBM 700

S/N: 552

N850CA

Work Order: 15335

Tach:

Hobbs: 1119.1

TTSN: 1453.4

TLSN: 1059

Date: 10/7/2019

Chapter 52.

35. Reviewed Pilot's Operating Handbook and Supplements for revision currency with reference to Technical Publication Status issued online by Daher. Pilot's Operating Handbook and Supplements current at this time.

36. Performed test flight I.A.W. Daher MM Chapter 05-12-02.

This aircraft, airframe, aircraft engine, propeller or appliance was repaired/inspected in accordance with the current Federal Aviation Regulations and has been found to be in an airworthy condition for scope of work performed. Pertinent details of the repair/inspection are on file at this Repair Station under Work Order No. 15335.

(LBID:15906)

For: FAA Approved Repair Station # X1IR595Y

Date

[Signature] 10/6/19



AVEX Inc.

C.R.S. X1IR595Y

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205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

AIRFRAME

Socata TBM 700

S/N: 552

N850CA

Work Order: A15336

Tach: Hobbs: 1119.1

TTSN: 1453.4

TLN: 1059

Date: 10/7/2019

Dates

Dates

1. Complied with the 24 month certification of the altimeter and static systems I.A.W. FAR 91.411. No defects found at this time. See test results provided with the airframe log book.
2. Complied with the 24 month certification of the transponder system I.A.W. FAR 91.413. No defects found at this time. See test results provided with the airframe log book.
3. Complied with SB 70-265 by the upgrade of the Emergency Descent Mode engagement parameters in order to take into account pilot reaction time I.A.W. Daher SB 70-265.
4. Complied with RVSM required leakage test of static and dynamic systems and check of associated instruments I.A.W. Daher MM Chapter 34. No defects noted at this time.
5. Complied with RVSM required check of the static pressure ports for condition and cleanliness I.A.W. Daher MM Chapter 34. No defects noted at this time.
6. Complied with RVSM required check of the pitot tubes for condition, attachment, cleanliness, and evidence of overheating I.A.W. Daher MM Chapter 34. No defects noted at this time.
7. Complied with RVSM required check of external surfaces I.A.W. Daher MM Chapter 53. No defects noted at this time.
8. Altimeter 1 is close to being out at RVSM altitude. Performed calibration of the #1 GDC74B I.A.W. Garmin document 190-00303-82 and recertified the altimeter I.A.W. FAR 91.411 on this work order A15336 squawk #1.
9. During maintenance test flight standby attitude gyro found to be inoperative and tumbling. October 07, 2019, MEL'd standby attitude gyro (repair category "C") I.A.W. Minimum Equipment List page no. 34-1, item number 4. No specific maintenance procedures are required to be accomplished prior to operation. Placarded console of inoperative standby attitude gyro. Repair due within ten (10) consecutive calendar days or on October 18, 2019, MEL discrepancy log placed on aircraft POH.

diff de l'entretien
maintenance motive

AVEX Inc.

C.R.S. X1IR595Y

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205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

AIRFRAME

Socata TBM 700

S/N: 552

N850CA

Work Order: A15336

Tach: Hobbs: 1119.1

TTSN: 1453.4

TLN: 1059

Date: 10/7/2019

This aircraft, airframe, aircraft engine, propeller or appliance was repaired/inspected in accordance with the current Federal Aviation Regulations and has been found to be in an airworthy condition for scope of work performed. Pertinent details of the repair/inspection are on file at this Repair Station under Work Order No. A15336.



Kim Tull

10/07/19

Date

(LBID:15909)

For: FAA Approved Repair Station # X1IR595Y

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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Modifications - Test flights

Cachet - Signature réparateur

Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

1. I certify that the Altimeter system and Altitude Reporting equipment have been tested and inspected as required by FAR 91.411 and found to comply with Appendix E of Part 43.
2. I certify that the Transponder(s) have been tested in accordance with 91.413 and meet the requirements of Part 43 Appendix F
3. Meets RVSM Compliance as per TBM MM Ch 34

Alt #1 PN: 011-01110-00 SN: 43805919
Alt. #2 PN: 011-01110-00 SN: 43805924
Xpdr #1 PN: 011-03303-00 SN: 3E4020878
Xpdr #2 PN: 011-00779-30 SN: 89109428
Alt Reporter PN: 34132235 F28.16N SN: 1061258
Work Order #: A15336 N# 1850CA

Signed: Grub Miller Date: 10/3/19

Repair Station Certificate: : X1IR595Y



205 Durley Ave, Ste A
Camarillo, CA 93010
C.R.S. X1IR595Y

ARS13

SERVICE DE L'AVIATION - AIRCRAFT RECORD

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Model 850
S/N 552
Reg. # N850CA
Cycles 1140

Atlanta Turbine Management
500 Briscoe Blvd. Ste. 201
Lawrenceville, Georgia 30046

Date 10/12/20
AFTT 1602.8
Hobbs 1602.8
Invoice 7533

- ♦ C/W an A+ Annual inspection IAW TBM 850 M/M R4714CFR Part 43 appendix D, IAW 91.409(a)(1).
- ♦ All A.D.'s in compliance through Bi-weekly 2020-20.
- ♦ C/W SB 70-281 Gas controller upgrade, MOD70-0454-21 Gas controller P/N off 82024A040701, modified to P/N 82024A040801. S/N 82024-00231.
- ♦ C/W SB 70-118-27 A1 Para.C., inspected and cleaned and lubed flap drive.
- ♦ C/W ELT functional check IAW 91.207(d)3. Battery expire date 2024.
- ♦ C/W 12 mo. Main battery cap check, tested at 82%. Top charged and reinstalled.
- ♦ C/W 12 mo. Outflow and safety valve seat cleaning.
- ♦ C/W 12 mo. Carbon block wear check, block is still serviceable.
- ♦ C/W 12 mo. AP servo slip check of B35-B38 servos IAW 22-00.
- ♦ C/W 1 year gear LLP inspect and service.
- ♦ C/W 6 year Oxygen mask overhaul. Removed crew mask MC10-02S/N 141005, installed overhaul exchange mask, S/N B001576.
- ♦ C/W 24 mo. Portable fire bottle weight check @ 2 lbs. 4.2 oz.
- ♦ C/W 24 mo. Outflow and safety valve seat cleaning.
- ♦ C/W 600 hour fuel unit filter replacement with new P/N 6007707270.
- ♦ C/W 1200 hour rudder torque tube treatment with siccative fluid prior to re installation.
- ♦ C/W 10 year overhaul of 3 Landing gear actuators sent 3 actuators P/N T700A323005300000 to Avex for 10 yr. overhaul. Reinstalled LH S/N 450 after overhaul under Avex WO#16179, Rh S/N 451, Avex Wo# 16180, nose S/N 455 under WO#16181.
- ♦ C/W 10 year Electro hydraulic power pack overhaul, removed unit P/N 1118-04, S/N off/on 598. Overhauled by Safran aerospace under wo#0000758904.
- ♦ C/W 10 year vertical fin structure inspection IAW 55-30-00. Reinstalled, using new expandable bolts. 2 ea. P/N ZOON7022810298 and 2 ea. ZOON7022810299.
- ♦ C/W 10 year firewall structural inspection IAW 71-00-00 and 25-50-03, no defects noted at this time.
- ♦ C/W 10 year mechanical driven fuel pump replacement. Pump P/N 1127-02, S/N off 609, S/N on 1175
- ♦ Replaced rudder center hinge P/N T700A5530036000 IAW engineering note ASE-025-2019.
- ♦ Replaced rudder upper hinge P/N T700A5530080000 IAW engineering note ASE-026-2019.
- ♦ Replaced Lh low level sensor, P/N 72244713, S/N off 1119. Replaced stripped nut plate P/N 5421218050 with new, installed new low level sensor P/N 747971-1-0. S/N 01060.
- ♦ Replaced area 200 drainage placard with new, P/N T700A112001110300.
- ♦ Replaced right wing inbd. Drainage placard P/N T700A112001110400.
- ♦ Replaced left and right recognition light bulbs, P/N A509-28.
- ♦ Replaced freon service fitting Schrader valves, P/N 8089000070. Serviced freon system with 2.5 lbs of freon 134A.
- ♦ Prepped and painted NLG fork and scissor link paint with urethane, matterhorn white.
- ♦ Continued on next page.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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- ◆ Continued from previous page.
- ◆ Replaced all brake pads 64 ea. P/N 109-01500, and 2 ea. CP discs P/N 159-02700.
- ◆ Replaced self locking nuts P/N ZOON7228070007 on hot lip air ducts clamps.
- ◆ Repositioned cockpit door seal to relieve pinch out.
- ◆ Re glued carpet hold down in fwd baggage.
- ◆ Replaced rudder tip static wick P/N 6015607230.
- ◆ Installed new right wing fairing seal P/N 4247757453.
- ◆ Replaced left cowlings cheek panel fastener, receptacle P/N 7736235101.
- ◆ Serviced O 2 system to full.
- ◆ A post Mx flight was performed IAW TBM M/M 5-12-02 with good results.

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under invoice number.

I certify this Airframe has been inspected IAW an Annual Inspection and has been found to be in airworthy condition.

Jack Hunsicker A&P138745785IA

