

AIRCRAFT LOG BOOK

LIVRET D'AÉRONEF

N576MA

~~DATA~~
~~ED~~
~~ALITY~~
~~DIRECTOR~~
~~SOCCATA~~

SOCCATA

Signature et Cachet
Stamp and Signature



DIRECTION

~~AGREEMENT~~ FR.21G.0027.

1

[illegible]

ter settings

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

STATEMENT

STATEMENT

Signed



DAHER-SOCATA

SOCATA

Agrément de Production
FR - 21G - 0027

US STANDARD AIRWORTHINESS CERTIFICATE
ISSUED ON.....JUL 19 2010.....
INSTALLED IN AIRCRAFT ON BEHALF OF F.A.A.
(A.E.U. 100) on.....JUL 19 2010.....



Torrick CABAJES
(GSAC Inspector)

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
*****MUNCIE AVIATION CO. CRS#AJVR135C*****					
N576MA	11/10/2010	TSN	Hobbs 55.4	Make Socata Ser.No. 545 Model TBM700/850 Reg.Marl N576MA	
Adjusted cabin door seal. Replaced tape on right wing root fairing. Adjusted fuel calibration I/A/W Garmin G1000MM.					
The aircraft/component identified above was repaired 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 Number T1071 Date 11/10/2010					
Signed [Signature] Inspector for MUNCIE AVIATION CO. CRS#AJVR135C					
MUNCIE, IN 47308 765-289-7141					
MAC					
*****MUNCIE AVIATION COMPANY C.R.S. # AJVR135C*****					
Removed GEA71 s/n 46707847 and installed exchange s/n 46712700. Reloaded software and reconfigured. System ramp checked good.					
Make: Socata Ser. No.: 545 Model: TBM 850 Reg. Mark: N576MA					
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. F8181 Date: 12-20-10					
Signed: [Signature] Inspector for MUNCIE AVIATION COMPANY C.R.S.#AJVR135C					
MUNCIE, IN 47303-9778 (765) 289-7141					
MAC					
Aircraft Hobbs: 63.4					
PLEASE PLACE IN AIRCRAFT LOGBOOK					

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Détails vérif	Particulars	Rateur
*****MUNCIE AVIATION CO.CRS#AJVR135C*****		
Performed all 1 year specials per 05-20-05		
Date	A/C TT	Cycles
8/4/2011	144	89
N576MA	C/W annual/100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-01&02	
	C/W S/B 70-188 cockpit thermal mod by installing kit OPT70 K122-00.	
	C/W SB70-118 "SAGEM/AVIAC" Flap actuator	
	C/W SB70-189 Software Evolution Modification	
	C/W SB70-191 Aileron Control Cables	
	C/W SB70-192 Standby Compass light by installing fuse	
	Kit P/N OPT70K31-34	
	AD2010-11-15 Fire extinguisher per SB70-183	
	N/A per Fire extinguisher S/N	
	Serviced Oxygen to 1850 psi	
I certify that this Airframe has been inspected in accordance with a 1st 100 Hr. Inspection and was determined to be in airworthy condition.		
Repair Station No. AJVR135C		
Make Socata Ser.No 545		
Model TBM700/850 Reg.Marl N576MA		
The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service. Pertinent details of the repair are on file at the Agency.		
Work Order No. T1517 Date 8/4/2011		
Signed [Signature] Inspector for MUNCIE AVIATION CO. CRS#AJVR135C		
MUNCIE, IN 47308 765-289-7141		
MAC		
TBM850		
by DAHER-SOCATA		
*****MUNCIE AVIATION COMPANY C.R.S. # AJVR135C*****		
Performed Garmin GFC700 AFCS servo clutch and cable inspection as required per TBM 700 Service Manual 05-20-05 page 307, ATA step 22. The clutch torque checked ok per 22-11-00-501, cable condition and tension checked ok per 22-11-(03)-(04)-(05)-501. Secured servo installations and floor areas for flight. Autopilot ground checked good. Performed GFC700 visual inspection and lubricated GSA81 servo output gear with AeroShell 33MS grease per Garmin G1000 Line Maintenance Manual P/N 190-00871-00, rev. G.		
Aircraft Hobbs: 144.0		
PLEASE PLACE IN AIRCRAFT LOGBOOK		

otif de l'entretien
intenance motive

MUNCIE AVIATION CO. CRS#AJVR135C *****

DATE	TSN	Hobbs	Make	Socata	Ser.No.
N576MA 10/15/2012	240.3	240.3	Model	<u>TBM700/850</u>	<u>545</u>

C/W TN 70-013 Landing Gear Rod Ends Buy replacing
Both mains and nose gear actuator Rod ends
P/N 6007757225
Installed New Lt and Rt main tires Michelin 18X5.5 10 ply
P/N 033-631-0 Lt S/N 2033S00260 Rt 2033S00259
Replaced "O"ring and torqued wheel halves serviced
with nitrogen to specs

The aircraft/component identified above was repaired
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 Number 72315 Date 10/15/2012
Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE, IN 47308 765-289-7141

AAA

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

I certify that this Propellor has been inspected in accordance with a Annual/100 Hr Insp. and was determined to be in airworthy condition.
Make Hartzell Ser.No. HH3996
Model HCE4N3/EG083S Reg. Mark N576MA
The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service
Pertinent details of the repair are on file at the Agency
Work Order No. T2246 Date 9/1/2012
Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE IN 47308 765-289-7141

Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE, IN 47308 765-289-7141

TBM850
by DAHER-SOCATA

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

*******MUNCIE AVIATION CO.CRS#AJVR135C*******

Date Performed all 1,2 year specials per 05-20-05
 Date **N576MA** 9/1/2012 A/C TT 232.2 Cycles 142

C/W annual/100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-02
 C/W AD2012-10-14 Nose Landing Gear Actuator Axle Attaching bolt replacement per SB70-194 Amdt#2
 C/W SB70-118 "SAGEM/AVIAC" Flap actuator Lube due every 100 Hrs.
 C/W FAR91.207d 1,2,3 & 4 ELT Checks ok
 Replaced Airconditioner service valve cores,leak tested ok, Serviced with 2.97 lbs. of R-134A Refrigerant removed cabin door seal retainers, repositioned seal, reinstalled and torqued seal retainers
 Serviced Oxygen to 2000 psi
 See AD List dated 8/29/2012 for details

I certify that this Airframe has been inspected in accordance with a Annual/100 Hr. Insp. and was determined to be in airworthy condition.
 Repair Station No. AJVR135C
 Make Socata Ser.No 545
 Model TBM700/850 Reg.Mark N576MA
 The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service
 Pertinent details of the repair are on file at the Agency
 Work Order No. T2246 Date 9/1/2012
 Signed [Signature] Inspector for
 MUNCIE AVIATION CO. CRS#AJVR135C
 MUNCIE, IN 47308 765-289-7141

TBM850
 by DAHER-SOCATA



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

Removed GWX68 s/n 83952817 and installed exchange s/n 83953329.
 Reloaded software and config for radar.
 Recalibrated heading systems. Ramp checked good.

Make: Socata Ser. No.: 545
 Model: TBM 700 Reg. Mark: N576MA
 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. A000368 Date: 4-05-13
 Signed [Signature] Inspector for
 MUNCIE AVIATION COMPANY C.R.S.#AJVR135C
 MUNCIE, IN 47303-9778 (765) 289-7141



Aircraft Hobbs: 273.4
 PLEASE PLACE IN AIRCRAFT LOGBOOK

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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

Upgraded operating system software to version 719.09 per Socata SB 70-196.
 Reconfigured for installed options.
 Ramp checked good.

Make: Socata Ser. No.: 545
 Model: TBM 700 Reg. Mark: N576MA
 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. A000487 Date: 5-01-13
 Signed [Signature] Inspector for
 MUNCIE AVIATION COMPANY C.R.S.#AJVR135C
 MUNCIE, IN 47303-9778 (765) 289-7141



Aircraft Hobbs: 282.7

PLEASE PLACE IN AIRCRAFT LOGBOOK

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

*******MUNCIE AVIATION CO. CRS#AJVR135C*******

	DATE	TSN	Hobbs
N576MA	5/1/2013	282.7	282.7

Installed as removed enviromental control head
 P/N T700G92523000010 S/N 131 Ground check Ok

Make Socata Ser.No. 545
 Model TBM700/850 Reg.Marl N576MA
 The aircraft/component identified above was repaired 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 Number S000176 Date 5/1/2013
 Signed [Signature] Inspector for
 MUNCIE AVIATION CO. CRS#AJVR135C
 MUNCIE, IN 47308 765-289-7141



*******MUNCIE AVIATION CO. CRS#AJVR135C*******

	DATE	TSN	Hobbs
N576MA	5/17/2013	284.4	284.4

Installed enviromental control head PL-23 Panel
 P/N T700G92523000010 S/N 69 Ground check Ok

Make Socata Ser.No. 545
 Model TBM700/850 Reg Marl N576MA
 The aircraft/component identified above was repaired 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 Number S000176 Date 5/17/2013
 Signed [Signature] Inspector for
 MUNCIE AVIATION CO. CRS#AJVR135C
 MUNCIE, IN 47308 765-289-7141



Date 10/4/2013 A/C TT 324.4 Cycles 265 Current Cycles 176

C/W Annual/B+ Inspection C/W ref TBM Service manual chapter 5-20-02
C/W SB70-204 Amendment #1 Installation of A Chip Detector System Allowing S/N 545 to be
Placed on New Inspection Program, Next Inspection Due in 200 Hrs or 12 Months
C/W SB70-118 Amdt #1 "SAGEM/AVIAC" Flap actuator Lube due every 200 Hrs.
C/W FAR91.207d 1,2,3 & 4 ELT Checks ok Battery Due Replacement 3-2015
Replaced Cockpit Evaporator Core P/N 1714A010001 S/N 120R Leak tested system and
Serviced with 2.97 lbs of 134A coolant

Installed new Cabin altitude alarm switch P/N 588 ref Ch 21-30-05
Removed shimmy dampner, disassembled and replaced "O" rings with MS28775-127 & 110
Serviced with silicone hydraulic fluid torqued and painted bolts green
C/W 200 Hr paper fuel filter replacement

C/W SB70-197 Security of Landing Gear Actuator
Rod/Piston RT .216 Lt .247 Nose .188
C/W SB70-206 Landing Gear rod End Assembly
All check within tolerance per instructions
C/W SB70-207 Landing Gear Actuator attachment
Installed new P/N T700A321001410000 washers
torqued retaining nut to 27 ft lbs
ELT Battery Due 3-2015

TBM850
by DAHER-SOCATA

I certify that this Airframe has been inspected in
accordance with a Annual/B+ Insp. and was
determined to be in airworthy condition.
Repair Station No. AJVR135C
Make Socata Ser. No. 545
Model TBM700/850 Reg. Mark N576MA
The aircraft/component identified above was repaired
and inspected in accordance with current Regulations of
Federal Aviation Agency, approved for return to service
Pertinent details of the repair are on file at the Agency
Work Order No. S000434 Date 10/4/2013
Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE, IN 47308 765-289-7141



DATE 10/4/2013 TSN 324.4 Hobbs 324.4 Make Socata Ser. No. 545
Model TBM700/850 Reg. Mark N576MA

Performed Garmin GFC700 AFCS Servo Clutch and cable
inspection as required by TBM850 MM Ch 05-20-05
ATA 22 P.308 & 309. Checked and adjusted clutch torque
per Ch 22-11-00 501, greased gears on servos per
Ch 22-11-00 501, adjusted cable tensions per 22-11-03,
04, & 05-501 secured and reinstalled panels
Performed 12 Month RVSM Inspection per maint. Program
page 7 of A/C RVSM Manual, performed static port Height
and Slope check per Ch 34-11-00-501
Performed compass swing and changed card

The aircraft/component identified above was repaired
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 Number S000434 Date 10/4/2013
Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE, IN 47308 765-289-7141



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

A/C Model : Socata TBM700
Aircraft Time : 336.80
A/C Hour Meter : 336.80
Landings : 217

A/C Reg # : N576MA
Work Order # : STP49601
A/C Ser # : 545



P.O. Box 35408 Greensboro, NC 27425
Tel 800-334-2001 Fax 336-668-4434
http://www.atlantic-aero.com

Log Book : Airframe

Date : 12/5/2013

Special Inspection Items

C+ / Annual
Inspection

I certify this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and is approved for return to
service.
Reviewed Bi-weekly list through 2013-23 for applicable Airworthiness Directives. None noted.

Signed:

[Signature]

for Atlantic Aero, Inc. CRS#: EWGR752D

91-10-10

Researched inspections to include the following - All Airworthiness Directives complete through Bi-Weekly 2013-23.
Mandatory Service Bulletins complied with through BS70-194-32. No Chapter 4 items or Inspections for Continued
Airworthiness are due at this time. No damage to aircraft, engine or propeller noted.

The Items identified above and/or provided to the owner on a Work Summary 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 this repair station under Work Order Number: STP49601

Signed:

[Signature]

for Atlantic Aero, Inc. CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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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

A/C Model :	Socata TBM700
Aircraft Time :	336.80
A/C Hour Meter :	336.80
Landings :	217

A/C Reg #: N576MA
Work Order #: STP49601
A/C Ser #: 545



P.O. Box 35408 Greensboro, NC 27425

Tel 800-334-2001 Fax 336-668-4434

<http://www.atlantic-aero.com>

Log Book : Airframe

Date : 12/5/2013

Special Inspection Items

Special Check 54 Special Check 54 - Standby Altimeter Check not due at this time. Complied with Aug/2012.

Special Check 54 - Standby Altimeter Check not due at this time. Complied with Aug 2012.

Special Check 61 - Servo actuators cable tension in accordance with Socata TBM 850 maintenance manual 22-11-00.

Special Check 62 Complied with Special Check 62 - Grease Gears on GSA-81 - P/N: 011-00878-00, Roll S/N: 66411577, Pitch S/N: 66411587, Yaw S/N: 66411765, Pitch Trim S/N: 66411572 with Aeroshell 33MS grease. All work done in accordance with Socata TBM 850 maintenance manual 22-11-00-601 and G1000 Socata line maintenance manual, section 6, paragraph 7.

Special Check 63 Complied with Special Check 63 - Servo Actuators Clutch Torques on GSM-85, P/N: 011-00894-08, Roll S/N: 68706328, Pitch S/N: 68706320, Yaw S/N: 68706302, Pitch trim S/N: 88205300. All work done in accordance with Socata TBM 850 maintenance manual 22-11-00-501.

The Items identified above and/or provided to the owner on a Work Summary 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 this repair station under Work Order Number: STP49601

Signed: Anthony Chery for Atlantic Aero, Inc. CRS#: EWGR752D

Dates	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
A/C Model : Socata TBM700 Aircraft Time : 336.80 A/C Hour Meter : 336.80 Landings : 217 A/C Reg # : N576MA Work Order # : STP49601 A/C Ser # : 545  AtlanticAero A GREENWICH AEROGROUP COMPANY P.O. Box 35408 Greensboro, NC 27425 Tel 800-334-2001 Fax 336-668-4434 http://www.atlantic-aero.com					
Log Book : Airframe		Date : 12/5/2013			
Special Inspection Items					
28-00-00	Performed Fuel Leak Evaluation and Tank External Check in accordance with Socata TBM850 maintenance manual 28-10-00. No defects noted at this time.				
5-12-01	Complied with Engine Performance Run and Full Avionics/Systems functional check in accordance with Socata TBM850 maintenance manual chapters 5-12-01 and 71-00-00.				
71-00-00	Complied with Flight Compartment Windshield Inspection in accordance with Socata TBM850 maintenance manual 56-10-00. No defects noted at this time.				
56-00-00	Complied with Special Check 03 - Protection of External Movable Parts in accordance with Socata TBM850 maintenance manual chapters 12-21-05 and 32-40-00.				
Special Check 03	Complied with Special Check 04 - Check of Spoiler & Aileron Cable Tensions in accordance with Socata TBM850 maintenance manual 27-10-00. Reference items 1.24 thru 1.27 for discrepancies.				
Special Check 04	Reviewed log entry statement, found Special check 5 previously complied with. Next inspection due 8/31/2014 or 632.2 Hrs.				
Special Check 05	Complied with Special Check 08 - Inspection of Oxygen System Comp. & Lines for Condition in accordance with Socata TBM850 maintenance manual 35-00-00-501.				
Special Check 08	Reviewed log entry statement, found Special Check 10 previously complied with. Next inspection due 8/31/2014 or 832.2 Hrs.				
Special Check 10	Complied with Special Check 104 - Lubrication of Nose Landing Gear Wheel Bearings in accordance with Socata TBM850 maintenance manual chapters 12-21-05 and 32-40-02.				
Special Check 104					

Détails vérifications et travaux entretien - Révisions partielles ou générales		Cachet - Signature réparateur
Modifications - Essais en vol		Approbation pour remise en service
Particulars of inspections and maintenance - Minor or major overhauls		Stamp and signature of overhauler
Modifications - Test flights		Maintenance release
Special Check 105	Complied with Special Check 105 - NLG Wheel Bearings Condition & Corrosion with reference to Socata TBM 850 maintenance manual 05-20-05.	
Special Check 106	Complied with Special Check 106 - NLG Shock Absorber Pressure with reference to Socata TBM 850 maintenance manual 12-14-02-301.	
Special Check 15	Reviewed log entry statement, found "Performed all 1. 2 year specials per 05-20-05" listed above work performed. Ship's battery subsequent inspection next due 1/31/2014 or 524.4 Hrs.	
Special Check 24	Reviewed log entry statement, found Special Check 24 previously complied with. Next inspection due Oct 31 2016.	
Special Check 25	Reviewed log entry statement, found Special check 25 previously complied with. Next inspection due Oct 31 2016.	
Special Check 29	Complied with Special Check 29 - Beta Ring Carbon Block Inspection in accordance with Socata TBM850 maintenance manual 05-20-05.	
Special Check 47	Reviewed log entry statement, found Special Check 47 previously complied with. Next inspection due 8/31/2014	
Special Check 59	Complied with Special Check 59 - Passenger Oxygen Mask Clean in accordance with Socata TBM850 maintenance manual 35-21-01.	
Special Check 66	Complied with Special Check 66 - Hand Held Fire Bottle Inspect Weight & Pressure in accordance with Socata TBM850 maintenance manual 26-20-01.	
Special Check 69	Complied with Special Check 69 - Without ESI 2000 Check Filter Cleanliness in accordance with Socata TBM850 maintenance manual 37-10-06.	
Special Check 70	Complied with Special Check 70 - Drain Under Floor Inspection in accordance with Socata TBM850 maintenance manual 53-20-00-601.	
Special Check 76	Complied with Special Check 76 - Check of Water Separator Filter in accordance with Socata TBM850 maintenance manual 30-10-04.	
Special Check 77	Complied with Special Check 77 - ELT Operational Test with reference to FAR 91.207(d). ELT battery due replacement in March 2015	
Special Check 80	Complied with Special Check 80 - Check of Rudder Cable Tension in accordance with Socata TBM850 maintenance manual 27-20-00.	

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
	Special Check 83	Complied with Special Check 83 - Check of Elevator Trim Tab Control Cable Tension in accordance with Socata TBM850 maintenance manual 27-30-00. Reference item 1.28 for discrepancies found.			
	Special Check 88	Removed oxygen cylinder PN: 2213-6519, SN: ALT279-18104/717 and sent out for hydrostatic testing. Testing performed by CRS# NV2R045L on 11/26/2013 under work order WO46954. Reinstalled oxygen cylinder and serviced as required. Work performed in accordance with Socata TBM850 maintenance manual chapters 12-16-00, 35-00-00 and 35-11-01.			
	Special Check 93	Complied with Special Check 93 - Left, Right, and Nose Landing Gear For Condition with reference to Socata TBM 850 maintenance manual 32-00-00-601.			
	Special Check 94	Complied with Special Check 94 - Lubrication of Left and Right Main Landing Gear Wheel Bearings in accordance with Socata TBM850 maintenance manual chapters 12-21-05 and 32-40-01.			
	Special Check 95	Complied with Special Check 95 - Left and Right MLG Wheel Check Bearings For Corrosion with reference to Socata TBM 850 maintenance manual 05-20-05.			
	Special Check 98	Complied with Special Check 98 - Left and Right MLG Shock Absorber Pressure with reference to Socata TBM 850 maintenance manual 12-14-01-301.			
	Routine Maintenance				
	32-00-00	Installed new wear pads, P/N 109-01500 (32 each) on right main brake assembly in accordance with Parker Hannifin CM30-191 component maintenance manual, section 6.			
	32-00-00	Installed new wear pads, P/N 109-01500 (32 each) on left main brake assembly in accordance with Parker Hannifin CM30-191 component maintenance manual, section 6.			
	91-10-10	Complied with AD research through Bi-Weekly List 2013-22, no defects noted.			
	91-10-10	Reviewed Flight Manual Z00.DMNFM00EE1R9EN for current revision. Installed Revision 8 Dated Nov 27, 2012 and Revision 9 Dated July 4, 2013. Removed outdated Temporary Revision Z00.DMNFM00EE1T06EN dated December 2010.			
	91-10-10	Installed Drawing # TL-0603ICA, Rev 1R, dated April 20 2006 per FAA Form 337 dated Aug 4, 2011 ICA instructions. See Section 6 - Weight & Balance Section.			

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

A/C Model : Socata TBM700
Aircraft Time : 510.70
A/C Hour Meter : 510.70
Landings : 325

A/C Reg # : N576MA
Work Order # : STP51451
A/C Ser # : 545



P.O. Box 35408 Greensboro, NC 27425
Tel 800-334-2001 Fax 336-668-4434
<http://www.atlantic-aero.com>

Log Book : Airframe

Date : 9/19/2014

Airframe Inspection Items

05-00-00

I certify this AIRCRAFT has been inspected in accordance with an ANNUAL / A+ inspection and is approved for return to service.

AD notes checked through Bi-Weekly 2014-17.

Signed:

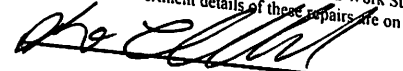
for Atlantic Aero, Inc. CRS#: EWGR752D

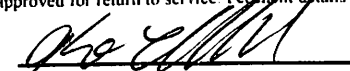
Dates	Temps de vol depuis la précédente opération d'entretien	Heures totales	Heures depuis entretien majeur	Nombre d'atterrissages	Motif de l'entretien
Dates	Duration of flight since last maintenance operation	Hours since manufacture	Hours since major maintenance	Number of landings	Maintenance motive
A/C Model : Socata TBM700					
Aircraft Time : 510.70					
A/C Hour Meter : 510.70					
Landings : 325					
A/C Reg # : N576MA					
Work Order # : STP51451					
A/C Ser # : 545					
 AtlanticAero A GREENWICH AERODYNAMIC COMPANY					
P.O. Box 35408 Greensboro, NC 27425					
Tel 800-334-2001 Fax 336-668-4434					
http://www.atlantic-aero.com					
Log Book : Airframe					
Date : 9/19/2014					
Special Inspection Items					
Complied with ICA for external battery charging system per Drawing No. TL-0603ICA Rev. IR.					
Special Check 03	Complied with Special Check 03-Check of Spoiler & Aileron Cable Tension in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.				
Special Check 04	Complied with Special Check 04-Low Level Sensors, Perform Low Level Test. No Defects noted. In accordance with Socata TBM Maintenance Manual 28-40-00				
Special Check 05	Complied with Special Check 05-Fuel Strainers Cleanliness & Condition inspection. Complied with fuel strainer inspection with reference to Socata TBM850 maintenance manual 28-10-06. No defects noted at this time.				
Special Check 06	Complied with Special Check 06. Performed inspection of fuel flapper valves rubber condition in accordance with Socata TBM 850 Aircraft Maintenance Manual 28-10-00.				
Special Check 07	Complied with Special Check 07-Gaseous oxygen system inspection in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.				
Special Check 102	Complied with Special Check 102-Left Flap Lubricate the Flap Rollers in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.				
Special Check 108	Complied with Special Check 108-Right Flap Lubricate the Flap Rollers in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.				
Special Check 110	Complied with Special Check 110-Nose Landing Gear For Condition in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.				
Log Entry 1 of 5					

Détails vérifications et travaux entretien - Révisions partielles ou générales		Cachet - Signature réparateur
Modifications - Essais en vol		Approbation pour remise en service
Particulars of inspections and maintenance - Minor or major overhauls		Stamp and signature of overhauler
Modifications - Test flights		Maintenance release
Special Check 110	Complied with Special Check 110-Left Main Landing Gear For Condition in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 110	Complied with Special Check 110-Right Main Landing Gear For Condition in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 111	Complied with Special Check 110-Nose Landing Gear For Condition in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 111	Complied with Special Check 111-Right Main Landing Gear Axle Lubrication in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 111	Complied with Special Check 111-Nose Landing Gear Axle Lubrication in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 112	Complied with Special Check 112-Left Main Landing Gear Wheel Bearings Clean in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 112	Complied with Special Check 112-Right Main Landing Gear Wheel Bearings Clean in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 113	Complied with Special Check 113-Left Main Landing Gear Wheel Bearings Lube in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 113	Complied with Special Check 113-Right Main Landing Gear Wheel Bearings Lube in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 114	Complied with Special Check 114-Left MLG Wheel Check Bearings For Corrosion in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 114	Complied with Special Check 114-Right MLG Wheel Check Bearings For Corrosion in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 117	Complied with Special Check 117-Left MLG Shock Absorber Pressure in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 117	Complied with Special Check 117-Right MLG Shock Absorber Pressure in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Log Entry 2 of 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
25-00-00	Removed ELT battery P/N: 452-0133, S/N: Unknown and installed new ELT battery P/N: 452-0133. S/N: 364094-056 with reference to Artex ELT Installation Document 571-0406, Rev G. Functional check good. New ELT battery expiration date is September/2019.				
27-00-00	All flap carriage bolts were torque to proper value. Applied torque indicating marks as required. Work performed in accordance with Socata TBM850 Maintenance Manual 20-10-01.				
32-00-00	Installed new brake pads, P/N 109-01500 (32 each) on left main brake assembly in accordance with TBM850 aircraft maintenance manual chapter 32-40-03.				
32-00-00	Installed new brake pads, P/N 109-01500 (32 each) on right main brake assembly in accordance with TBM850 aircraft maintenance manual chapter 32-40-03.				
32-00-00	Removed left main tire P/N 003-631-0 S/N 2033S00260. Installed left main tire P/N 185F03-5 S/N 11472363. Removed right main tire P/N 003-631-0 S/N 2033S00259. Installed right main tire P/N 185F03-5 S/N 30332250. Work completed in accordance with Socata TBM 850 maintenance manual chapter 32-41-01.				
61-00-00	Installed new carbon block, P/N 6036387238 in accordance with Hartzell Propeller Owners Manual 149 Section 61-00-49.				
72-00-00	Adjusted torque limiter as required in accordance with Pratt & Whitney Canada PT6-66D maintenance manual chapter 71-00-00.				
77-00-00	Removed MT40 fuel pressure transmitter, P/N 9308704, S/N 09272-016HQL and installed new transmitter, P/N 7809178704, S/N 13192-01GZDT. Work performed in accordance with Socata TBM850 aircraft maintenance manual chapter 28-40-03.				
91-10-10	Reviewed flight manual Z00.DMNF00EE1R10EN for current revision, removed out dated temporary revisions located in the performance section.				
91-10-10	Reviewed ATP Compliance and Bi-Weekly list through 2014-17 for applicable Airworthiness Directives, see squawk 1.10				
The Items identified above and/or provided to the owner on a Work Summary 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 this repair station under Work Order Number: STP51451					
Signed:  for Atlantic Aero, Inc. CRS#: EWGR752D					
Log Entry 5 of 5					

Détails vérifications et travaux entretien - Révisions partielles ou générales		Cachet - Signature réparateur	
Modifications - Essais en vol		Approbation pour remise en service	
Particulars of inspections and maintenance - Minor or major overhauls		Stamp and signature of overhauler	
Modifications - Test flights		Maintenance release	
A/C Model :	Socata TBM700	A/C Reg # :	N576MA
Aircraft Time :	510.70	Work Order # :	STP51451
A/C Hour Meter :	510.70	A/C Ser # :	545
Landings :	325		
Log Book :	Airframe	Date :	9/19/2014
 P.O. Box 35408 Greensboro, NC 27425 Tel 800-334-2001 Fax 336-668-4434 http://www.atlantic-aero.com			
Special Inspection Items			
	Complied with autopilot inspection/check in accordance with Socata TBM-850 Maintenance Manual section 22-11-00 and 22-11-01.		
	Performed Air Data System adjustment/test in accordance with Socata TBM-850 Maintenance Manual section 34-11-00.		
	Complied with fuselage inspection/check aircraft with RVSM privilege (RVSM critical area) in accordance with Socata TBM-850 Maintenance Manual section 53-00-00.		
Special Check 59	Complied with Special Check 59. I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed.		
	LH S/N: 43805636 Date: 9/17/2014 tested to 35000 feet. RH S/N: 43805676 Date: 9/17/2014 tested to 35000 feet. Stby S/N: 1061469 Date: 9/17/2014 tested to 35,000 feet. Altitude reporting system tested to 35000 feet.		
Special Check 60	Complied with Special Check 60. I certify the transponder(s)		
	(#1) Make: Garmin Model: GTX 33 S/N: 89109581		
	(#2) Make: Garmin Model: GTX 33 S/N: 89109598		
	has been tested and inspected and found to comply with the requirements of F.A.R. 91.413.		

Dates	Temps de vol depuis la précédente opération d'entretien	Heures totales	Heures depuis entretien majeur	Nombre d'atterrissages	Motif de l'entretien
	Special Check 62	Complied with Special Check 62. I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed. LH S/N: 43805636 Date: 9/17/2014 tested to 35000 feet. RH S/N: 43805676 Date: 9/17/2014 tested to 35000 feet. Sthby S/N: 1061469 Date: 9/17/2014 tested to 35,000 feet. Altitude reporting system tested to 35000 feet. I certify the transponder(s) (#1) Make: Garmin Model: GTX 33 S/N: 89109581 (#2) Make: Garmin Model: GTX 33 S/N: 89109598 has been tested and inspected and found to comply with the requirements of F.A.R. 91.413. Performed Air Data System adjustment/test in accordance with Socata TBM-850 Maintenance Manual section 34-11-00.			
	Special Check 63	Complied with Special Check 63. I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed. Sthby S/N: 1061469 Date: 9/17/2014 tested to 35,000 feet.			
	Special Check 70	Complied with special Check 70. Complied with cable condition check in accordance with Socata TBM-850 Maintenance Manual sections 34-11-03 (roll), 34-11-04 (pitch), 34-11-05 (yaw), 34-11-06 (trim).			
	Special Check 71	Complied with Special Check 71. Complied with cable condition check in accordance with Socata TBM-850 Maintenance Manual sections 34-11-03 (roll), 34-11-04 (pitch), 34-11-05 (yaw), 34-11-06 (trim).			
	Special Check 72	Complied with Special Check 72 - Grease Gears on GSA-81 - P/N: 011-00878-00, Roll S/N: 66411577, Pitch S/N: 66411587, Yaw S/N: 66411765, Pitch Trim S/N: 66411572 with Aeroshell 33MS grease. All work done in accordance with Socata TBM 850 maintenance manual 22-11-00-601 and G1000 Socata line maintenance manual, section 6, para. 7.			
	Special Check 73	Complied with Special Check 73 - Servo Actuators Clutch Torques on GSM-85, P/N: 011-00894-08, Roll S/N: 68706328, Pitch S/N: 68706320, Yaw S/N: 68706302, Pitch trim S/N: 88205300. All work done in accordance with Socata TBM 850 maintenance manual 22-11-00-501.			
Routine Maintenance					
	34-00-00	Removed old alternate static valve P/N: TB3077010000, installed new alternate static valve P/N: TB3077010000, performed leak check - good at this time. All work done in accordance with Socata TBM 850 Maintenance Manual sections 34-11-09 and 34-11-00. I certify the static pressure system was tested as required by FAR 91.411.			
Log Entry 2 of 3					
The Items identified above and/or provided to the owner on a Work Summary 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 this repair station under Work Order Number: STP51451					
Signed:  for Atlantic Aero, Inc. CRS#: EWGR752D					

Détails vérifications et travaux entretien - Révisions partielles ou générales					Cachet - Signature réparateur	
P: ***** MUNCIE AVIATION CO. CRS#AJVR135C *****					mise en service	
DATE: 10/24/2014 TSN: 538.6 Hobbs: 538.6 Make: Socata Ser.No. 545					of overhauler	
N576MA 10/24/2014 538.6 538.6 Model: TBM700/850 Reg. Marl N576MA					release	
Installed New Fuel Pressure switch P/N Z00N7809178704 (9308704) S/N 13174-01GRGQ Ground checked ok per Socata MM Chapter 28						
The aircraft/component identified above was repaired 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 Number: S001003 Date: 10/24/2014						
Signed:  Inspector for						
MUNCIE AVIATION CO. CRS#AJVR135C						
MUNCIE, IN 47308 765-289-7141						
						
A/C Model : Socata TBM700 A/C Reg # : N576MA					 1030 PTI Drive, Greensboro NC 27409 Tel 800-334-2001 Fax 336-668-4434 www.landmarkaviation.com	
Aircraft Time : 605.90 Work Order # : STP52543						
A/C Hour Meter : 605.90 A/C Ser # : 545						
Landings :						
Log Book : Airframe Date : 3/5/2015						
Airworthiness Directives						
Reviewed AD2014-09-03 found Airworthiness Directive not applicable per aircraft serial number.						
Routine Maintenance						
24-00-00 Removed battery P/N RG380E/44, S/N 40320026 and installed new battery P/N RG380E/44, S/N 40682343 in accordance with Socata TBM 700 service manual 24-30-04.						
24-00-00 Complied with 600-hour Standby Generator Brush Check in accordance with Socata TBM700 aircraft maintenance manual chapter 05-20-05. Brushes measured .34 in with the limits being .25 in.						
24-00-00 Complied with 600-hour Starter Generator Brush Check in accordance with Thales CMM chapter 24-35-22. Brushes measured 11.5 mm and are good for return to service as is until next overhaul or 600 hours.						
24-00-00 Artex ELT battery P/N: 452-0133 expires March 2015.						
The Items identified above and/or provided to the owner on a Work Summary 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 this repair station under Work Order Number: STP52543						
Signed:  for Landmark Aviation, Inc CRS# EWGR752D						

SERVICE DE L'AÉRONAUTIQUE AIRCRAFT RECORD

Engine Model : PT6A-66D
 Engine Serial # : RV0207
 Engine TSN/TSO : 605.90/
 Engine CSN/CSO :
 Engine Position :

A/C Reg # : N576MA
 Work Order # : STP52543
 A/C Ser # : 545
 A/C Time : 605.90



1030 PTI Drive, Greensboro NC 27409
 Tel 800-334-2001 Fax 336-668-4434

Log Book : Engine Date : 3/5/2015

www.landmarkaviation.com

Routine Maintenance

- 73-00-00 Complied with 600-hour Fuel Pump Inlet Screen Clean/Check in accordance with Pratt & Whitney Canada PT6A-66D maintenance manual 73-10-02. No defects noted.
- 73-00-00 Complied with 600-hour Fuel Pump Outlet Screen by replacing with new P/N AN6235-3A in accordance with Socata TBM aircraft maintenance manual 73-10-02.
- 73-00-00 Replaced fuel unit filter with new filter P/N 6007707270, in accordance with TBM700 maintenance manual chapter 28-20-01.
- 73-00-00 Complied with 100-hour P3 Filter Clean/Check in accordance with Pratt & Whitney PT6-66D maintenance manual chapter 72-00-00.
- 73-00-00 Complied with 100-hour P3 Drain Valve Clean/Check in accordance with Pratt & Whitney PT6-66D maintenance manual chapter 72-00-00.

The Items identified above and/or provided to the owner on a Work Summary 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 this repair station under Work Order Number: STP52543

Signed: for Landmark Aviation, Inc. CRS#: EWGR752D

A/C Model : Socata TBM700
 Aircraft Time : 615.20
 A/C Hour Meter : 615.20
 Landings :

A/C Reg # : N576MA
 Work Order # : STP52622
 A/C Ser # : 545



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 Tel 800-334-2001 Fax 336-668-4434

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Log Book : Airframe Date : 3/24/2015

Routine Maintenance

- 25-00-00 Verified ELT battery was previously replaced. New expiration date is SEPT 2019. Replaced current replacement date placards to accurately display current expiration date.
- 28-00-00 Defueled aircraft. Removed right hand leaking fuel panel #631. Cleaned, visually inspected and reinstalled right hand fuel panel #631 with new gasket P/N: 7423210090 in accordance with MOD70--0282--52. All work done in accordance with TBM 850 Aircraft Maintenance Manual 52-40-01.
- 28-00-00 Defueled aircraft. Removed left hand leaking fuel panel #531. Cleaned, visually inspected and reinstalled left hand fuel panel #531 with new gasket P/N: 7423210090 in accordance with MOD70--0282--52. All work done in accordance with TBM 850 Aircraft Maintenance Manual 52-40-01.

The Items identified above and/or provided to the owner on a Work Summary 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 this repair station under Work Order Number: STP52622

Signed: for Landmark Aviation, Inc. CRS#: EWGR752D

A/C Model : Socata TBM700
 Aircraft Time : 711.80
 A/C Hour Meter : 711.80
 Landings : 454

A/C Reg # : N576MA
 Work Order # : S15-53820
 A/C Ser # : 545



1030 PTI Drive, Greensboro NC 27409
 Tel 800-334-2001 Fax 336-668-4434

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Log Book : Airframe Date : 9/18/2015

Airframe Inspection Items

- 05-00-00 I certify this AIRCRAFT has been inspected in accordance with a B+/Annual Inspection and 1 Year Special Check items and is approved for return to service.

Signed: for Landmark Aviation, Inc. CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N576MA Oct 07, 2015 Hobbs: 720:60

Replaced one hartzell de-ice boot P/N: 102643 IAW Hartzell anti-icing boot removal and installation manual 183, ATA 61-12-83. Ops check good.

Motif de l'entretien
Maintenance motive

The Aircraft above was repaired and or inspected in accordance with current FAA regulations and is approved for return to service.

Signature Chad J. Kemp FAA Lic # AP2500176IA

Mobil Aircraft Maintenance Inc.
4834 Glenport Cir. N.W.
Canton, Ohio 44709

N576MA Jan 15, 2016 Hobbs: 781.00

Serviced right and left main landing gear shock struts with nitrogen IAW AMM 32-10-00 to upper limits. Serviced all three (3) landing gear tires to upper limits IAW AMM 32-40-00. Re connected duct from heat exchanger to overboard exhaust fairing IAW AMM 71-60-00 and SMP.

The Aircraft above was repaired and or inspected in accordance with current FAA regulations and is approved for return to service.

Signature Chad J. Kemp FAA Lic # AP2500176IA

Mobil Aircraft Maintenance Inc.
4834 Glenport Cir. N.W.

A/C Model : Socata TBM700
Aircraft Time : 788.90
A/C Hour Meter : 788.90
Landings :

A/C Reg # : N576MA
Work Order # : S15-54630
A/C Ser # : 545



1030 PTI Drive, Greensboro NC 27409
Tel 800-334-2001 Fax 336-668-4434

www.landmarkaviation.com

Log Book : Airframe

Date : 2/1/2016

Routine Maintenance

32-00-00 Removed left main tire and installed new P/N 185F03-5 S/N 51692352. Removed right main tire and installed new P/N 185F03-5 S/N 51692350. Work completed in accordance with Socata TBM 700 maintenance manual chapter 32-40-01.

73-00-00 Cleaned P3 filter and housing as required. Work performed in accordance with Pratt & Whitney Canada PT6-66D maintenance manual 72-00-00.

The Items identified above and/or provided to the owner on a Work Summary 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 this repair station under Work Order Number: S15-54630

Signed: Chad J. Kemp for Landmark Aviation, Inc. CRS#: EWGR752D

WISCONSIN AVIATION-FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

Complied with 12/24 mos RVSM inspection in accordance with approved RVSM maintenance program , applicable chapters of aircraft maintenance manual and Part 43 app E and F. All systems ramp check satisfactory.

N576MA

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 4/27/16 HOBBS: 814.8 WO#: AV16-14684 SIGNED: Chad J. Kemp

3606 Corben Ct. - Madison, WI 53704 - CRS No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

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												
ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE																	
N576MA																	
Pilots PFD																	
Wisconsin Aviation - Four Lakes Inc. Madison, WI 53704 608-268-5006																	
FAA CRS No. DBKR124D																	
Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18		
Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120		
Actual ± Ft.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.	ALTIMETER					
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	19	50% Max	0	MAKE: Garmin				
Actual ± Ft.	0	-5	-5	-5	-5	X	X	X	Temp C	20	40% Max	0	MODEL: GDC-74B				
CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)												BLIND ENCODER					
CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (35) THOUSAND FEET.												MAKE: SAME					
CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).												MODEL: AS					
COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).												S/N: ABOVE					
CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.												#2 TRANSPONDER					
TRANSPONDER MAKE: Garmin												MODEL: GTX-33					
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.												S/N: 89109581					
Date: 4/27/16												W.O.: AV16-14684					
Hobbs: 814.8												Signed: E. T. Penhale					

Détails vérifications et travaux entretien - Révisions partielles ou générales																	Cachet - Signature réparateur		
Modifications - Essais en vol																	Approbation pour remise en service		
Particulars of inspections and maintenance - Minor or major overhauls																	Stamp and signature of overhauler		
Modifications - Test flights																	Maintenance release		
ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE																			
N576MA																			
Co-Pilots PFD																			
Wisconsin Aviation - Four Lakes Inc. Madison, WI 53704 608-268-5006																			
FAA CRS No. DBKR124D																			
Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18				
Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120				
Actual ± Ft.	0	0	+5	+5	+5	+5	0	0	0	0	+5	+5	+5	+5	+5				
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.	ALTIMETER							
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	19	50% Max	+5	MAKE: Garmin						
Actual ± Ft.	+5	+5	+5	+5	+10	X	X	X	Temp C	20	40% Max	+5	MODEL: GDC-74B						
CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)												BLIND ENCODER							
CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (35) THOUSAND FEET.												MAKE: SAME							
CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).												MODEL: AS							
COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).												S/N: ABOVE							
CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.												#2 TRANSPONDER							
TRANSPONDER MAKE: Garmin												MODEL: GTX-33							
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.												S/N: 89109581							
Date: 4/27/16												W.O.: AV16-14684							
Hobbs: 814.8												Signed: E. T. Penhale							

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
	Date: 5/06/2016; Aircraft: N576MA; Type: TBM 850; S/N: 545; Hobbs: 814.8; Total Time: 814.8; Engine - Type: PT6A-66D, S/N: RV0207, Time: 814.8; Prop - Type: HC-E4N00020, S/N: HH4009, Time: 814.8; Turbine -, H/S Time: 814.8, Cycles: 507 -Continued- ***Airframe Work*** Completed 6 Year / 4000 Hr Hartzell Propeller Overhaul as follows: Re-installed Hartzell propeller p/n HC-E4N-3 / E9083SK, s/n HH4009 after overhaul by Hartzell Service Center, CRS# SJ3R843L, Wo# 10378, dated 4/30/2016. Completed 6 Year / 4500 Hr Propeller Governor Overhaul as follows: Removed prop governor p/n 8210-007-01, s/n 16844132. Installed prop governor p/n 8210-007-01, s/n 1483785 after overhaul by Rocky Mountain Propellers, Inc., CRS# FR6R545N, Wo# 43016, dated 2/25/2015. Completed 6 Yr / 6500 Hr Propeller Overspeed Governor Overhaul as follows: Removed prop overspeed governor assembly p/n 210632, s/n 16586835. Installed turboprop overspeed governor assembly p/n 210632, s/n 1194369 after overhaul by Action Aero, CRS# AMO# 01-08, Wo# 842338, dated 12/2/2014. Completed 6 Year Crew Oxygen Mask Overhaul as follows: Removed pilots oxygen mask p/n MC10-02-121, s/n 141110. Installed pilots oxygen mask p/n MC10-02-121, s/n 141467 after overhaul by Zodiac Services Americas, CRS# QX3R805L, Wo# 0050475928 45376993 / 906948, dated 3/19/2016. Removed co-pilots oxygen mask p/n MC10-02-121, s/n 141102. Installed co-pilots oxygen mask p/n MC10-02-121, s/n 123068 after overhaul by Zodiac Services Americas, CRS# QX3R805L, Wo# 050398540 45353589 / 903722, dated 6/11/2015. -Continued- Completed 6 Year Gaseous Oxygen Altimetric Valve Overhaul as follows: Removed oxygen altimetric solenoid valve p/n DVE90-08, s/n 7473. Installed oxygen altimetric solenoid valve p/n DVE90-08, s/n 5949 after overhaul by Zodiac Services Americas, CRS# QX3R805L, Wo# 0050354969 6102906, dated 4/30/2015. Installed Whelen wingtip LED upgrade strobe/navigation lights. Installed left p/n 01-0771733-12 and right p/n 01-0771733-11. Whelen wingtip LED upgrade installed in accordance with AC43.13.1B, Chapter 11 Electrical Systems. Prepped and painted lower nose landing gear. Removed fuel selector panel and painted as required. Reinstalled and performed operational check. Adjusted elevator trim cable tension to specifications. Performed 3 pin hole deice boot repairs. Replaced left inboard fuel panel screw inserts and door access seal with new. Repositioned lower forward cabin door door seal by removing excess sealant and shim material. Replaced right aft cowl rod retainer grip p/n 7478110019 and clevis pin p/n AA55487-4 with new. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Patrick Higgins A&P 3624624 IA				
	☐ Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003				
	☒ Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567				

Aircraft Log Book Entry **Reg.: N576MA**

Date: Oct.20,2016 Aircraft model: TBM700 /850 Engine model: PT6A-66D
Hobbs: 955.6 Aircraft s/n: 545 Engine s/n: PCE-RV0207
ACTT: 955.6

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

Unscheduled Maintenance as per Owner-Operator Order dated Oct.17,2016.
-RH Fuel tank leakage repair. Resealed lower access panel 631 with new gasket.
-Repaired cabin conference table latching system.
-Replaced Lanyards on both fuel tank caps.
-Repaired lock stud LH lwr. battery cover.
-Carried-out engine compressor wash, cleaned exhaust duct drain.

Signed: M.Smets Certif.: A+P 2494020

Smets Aviation Service NV Vliegplein 2 bus 2, B - 3600 GENK Ph.:+32(89)38 66 53

24 MRT 2017 G1000 softw upgraded to oob-30719-17 (GDU SW15.10)
IAW DAHER SR 70-233 (39) WO 01050217
ASP avionics CRS V3PY568N

VOID SPACE

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

AERO SALES & INSPECTORS

Logentry Date 19 June 2017 inspection.
Aircraft: Socata TBM 700
Engine: Pratt & Whitney PT6-66D
Propeller: Hartzell HC-E4N/
Aircraft total hours: 1061

Registration N576MA

Annual check C+ plus

Aircraft Serial no 545
s/n Engine PCE -RV0207
s/n HH4009

Landings Unknown

TSNEW: 1061 hrs EC. : UK
TSNEW: 1061 hrs SMOH 247

Aircraft

Performed an annual, a C+ and special inspection i.a.w. FAR 43 appendix D and TBM 700 Maintenance manual checklist MM # Z00.DMNMMPXEE0 REV 15 incl. TR 028-05, 029-71 & Pratt & Whitney MM 3070902 dated 10 Apr 2017.
Additional works, refer to R.A.S. W.O 142004.
Changed RH brake linings. Resealed RH fuel tank due to leakage on lower side 25% aft of main spar. Adjusted elevator trim tab due to excessive slack on tab. Changed Battery due to field capacity check in: RG380E s/n 40882488. Repaired brake fluid reservoir leakage. Performed SB70-118/1 flap actuator inspection. Tested ELT acc. CFR14, 91.207(d). AD 2017-04-06 United instruments, n/a due not installed.
All AD's complied with up to June 19th 2017, Bi Weekly 2017-12

I certify that this aircraft has being inspected i.a.w. an annual, C+, special inspection acc. AMM checklist and was determined in an airworthy condition.

M. Westenberg A&P 2498403 IA

M. Westenberg

M. Westenberg
inspection authorization
FAA A&P 2498403 IA

THE ALTIMETER AND STATIC SYSTEM WAS TESTED & FOUND TO C/W FAR 91.411 IAW PART 43, APPENDIX E, PARAGRAPHS A AND C. THE ALTIMETER WAS TESTED TO 35000 FEET WO# 09220578
BY PETER SMEETS DATE 29 MAY 18
ASP AVIONICS NV/SA. FAA CFRS# V3PY568N
SIGN *P. Smets*

asp.doc.030a/05.96 - designed: EV - date: 060596

PETER SMEETS
Technician

THE TRANSPONDER MODEL GTX33
SN 89109581 WAS TESTED AND FOUND TO COMPLY WITH FAR 91.413 IAW PART 43, APPENDIX F.
ASP AVIONICS NV/SA. FAA CFRS# V3PY568N
WO# 09220578 DATE 29 MAY 18
SIGN *P. Smets*

asp.doc.031a/05.96 - designed: EV - date: 060596

PETER SMEETS
Technician

THE TRANSPONDER MODEL GTX33
SN 89109581 WAS TESTED AND FOUND TO COMPLY WITH FAR 91.413 IAW PART 43, APPENDIX F.
ASP AVIONICS NV/SA. FAA CFRS# V3PY568N
WO# 09220578 DATE 29 MAY 18
SIGN *P. Smets*

asp.doc.031a/05.96 - designed: EV - date: 060596

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

Date : June 05,2018 Aircraft Log Book Entry Reg.: N576MA
Hobbs: 1207.4 Aircraft model : TBM700 /850 Engine model: PT6A-66D
ACTT : 1207.4 Aircraft s/n° : 545 Engine s/n°: PCE-RV0207

Carried-out a Periodical 100hrs/ Annual Insp. i.a.w.14CFR Pt.43 Appendix D requirements using Socata ZOO.DMNMMPXEE0R16 Interval A+ as a guidance.
Performed Annual Hi-Resist. check on Static Discharge Wicks.
Capacity tested and recharged Main Battery s/n° 40882488 i.a.w. Concorde CMM Doc. 5-0171 Rev. N.
Battery passed with 115.1%.
Resealed LH /RH wing Fuel tank access panels 531, 533 and 633, 634 with silicon gaskets.
Replaced Brake Linings and Brake Discs on both main wheels.
Performed Cabin Pressurisation test with satisfactory result.
A.P. Servo Actuators Clutch Friction Torque bench tested and readjusted i.a.w. AMM Ch.22-11-00 -501.
Socata SI 2016-005: HTS Engine Oil Introduction i.a.w. P+WC SB 14001 R19. Topped-up with Aeroshell Turbine Oil 560.
Socata SB70-236-21: MT50 Cabin Inlet T° Sensor repl. C/W. Installed s/n° 93276-20411.
Replaced Belts Alternator and Freon Compressor.
Starter-Generator overhauled by AC+DC CRS DE.145.0164.
All AD's researched thru Bi-weekly 2018-12 incl.
Inspected ELT / Operation i.a.w. CFR14, 91.207(d). Next ELT Battery repl. due Sep.2019.

Signed: M.Smets

Certif. : A+P 2494020

Smets Aviation Service NV Vliegplein 2 bus 2, B - 3600 GENK Ph.:+32(89)38 66 53

"I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."

186508

ACTT: 1207.4 T.S.O.H.: N/A Recorder Hobbs: 1207.4

Date: June 05,2018

Signed: M.SMETS Cert.n° : A+P 2494020 IA



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
ASP avionics Aircraft Logbook Entry Date: 03 JULY 2019 Wo #: 05170619 Aircraft model: SOCATA TBM 700 Reg.#: N576MA Aircraft s/n: 545 - ELT CHECK HAS BEEN PERFORMED IN ACCORDANCE WITH FAR 91.207 BATTERY EXP. DATE: SEPTEMBER / 2019 COMPASS SWING HAS BEEN PERFORMED - I certify that the above stated work was performed i.a.w. the current FAR's and is approved for return to service. Signature: <i>E. Vandevoorde</i> Cert # V3PY568N Pertinent details are on file at this facility under the above Wo number. Asp Avionics Nv Vliegplein 2/1, B - 3600 GENK TEL: +3289384345					
<i>VOID SPACE</i>					

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Date : July 05,2019 **Aircraft Log Book Entry** Reg.: **N576MA**
Hobbs: 1406.8 Aircraft model : TBM700 /850 Engine model: PT6A-66D
ACTT : 1406.8 Aircraft s/n° : 545 Engine s/n°: PCE-RV0207

Carried-out a Periodical 100hrs/ Annual Insp. i.a.w. 14CFR Pt.43 Appendix D requirements using Socata ZOO.DMNMPXEE0R18 Interval B+ as a guidance.
Performed Annual Hi-Resist. check on Static Discharge Wicks.
Performed Cabin Pressurisation test with satisfactory result.
Capacity tested and recharged Main Battery s/n° 40882488 i.a.w. Concorde CMM Doc. 5-0171 Rev. M.
Battery passed with 106.9%.
Overhauled Nose and MLG wheel assies.
Hydrostatic tested Oxy bottle. Filled up with Aviator's oxygen to spec. pressure.
Resealed LH /RH wing Fuel tank access panels 632, 633 and 652 with new silicon gaskets.
A.P. Servo Actuators Clutch Friction Torque bench tested and readjusted i.a.w. AMM Ch.22-11-00 -501.
Verified aircraft filter fuel after clogged indication.
Replaced RH Elevator trim tab control attaching bolts.
Replaced several non-structural rivets in wheel bay LH/RH wing.
Replaced lens on NLG taxi led light. Repaired rear seat back reclining system.
Verified Flight control cable tensions. Readjusted as required.
Replaced Switch trim assy pilot control wheel.
Socata SI 2016-005: HTS Engine Oil Introduction i.a.w. P+WC SB 14001 R19. Topped-up with Aeroshell Turbine Oil 560.

AD 2018-21-14 Oxygen mask Regulators MC10 series: N/A by marked p/n° MC10-02-121.
For info: AD EU-2013-0104R1 Flap actuator inspection: C/W Regrease and play check.
All AD's researched thru Bi-weekly 2019-13 incl.

Next ELT Battery repl. due Sep.2019.

Signed: *M.Smets* Certif.n° : A+P 2494020

M.Smets
Smets Aviation Service NV Vliegplein 2 bus 2, B - 3600 GENK Ph.:+32(89)38 66 53

"I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."

ACTT: 1406.8 T.S.O.H.: N/A Recorder Hobbs: 1406.8

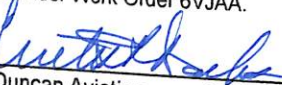
Date: July 05,2019

Signed: *M.Smets* Cert.n° : A+P 2494020 IA

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

196786



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
 Duncan Aviation Inc. 701 NW Lou Holland Dr. Kansas City, MO 64116 Phone (816) 421-1836 Hobbs: 1426.6 N576MA Socata TBM-850 s/n 545 Removed GTX-33 Transponders p/n 011-00779-10 #1 s/n 89109581 and #2 s/n 89109598 and shipped to Garmin for upgrade to ADS-B capabilities. Received and installed GTX-33ES p/n 011-00779-30 #1 s/n 89109581 and #2 s/n 89109598. Loaded 8.01 software in both transponders to match the aircraft's manifest. Configured G1000 system for GTX-33ES units. Transponders upgraded, installed, and tested in accordance with Daher Service Bulletin SB70-227-34, Rev 1 to complete MOD70-0264-34 Version B and C. Installed Daher Supplement 60 for ADS-B in POH. Completed tests and inspections in accordance with FAR Part 43, Appendix E and F to comply with FAR 91.413 and FAR 91.217. System complies with FAR 91.225 and FAR 91.227 for ADS-B Out. No weight change. The above described repair or maintenance is approved for return to service. Pertinent details of this repair/maintenance are on file at this repair station under Work Order 6VJAA. Signed  DUNCAN Q11118 for Duncan Aviation CRS# JQ02194F Curtis R Banks 21 Aug 2019					

WO# 385712
Reg# N576MA
Hobbs: 1429.5
ATT: 1429.5

Date: 11/4/2019
Aircraft SN: 545
ATC: ~~889~~ 1188

SP3171



Elliott Aviation of Des Moines, Inc.
Des Moines Airport
2800 McKinley Avenue
Des Moines, IA 50321-2806

Airframe Log Entry

Maintenance Action

- * Installed a new ELT battery P/N 452-0133 S/N 383367-001 referencing Socata TBM 850 M/M 25-61-01. Battery expiration date 11/2024.
- * Installed new air conditioning compressor P/N 1377A010001 S/N 1377-00757 and new filter assembly P/N 8988A010001 S/N 898-01301. Serviced with R134A refrigerant. Work performed referencing Socata TBM 850 M/M 21-55-01 and 12-15-01.
- * Applied new sealant on spar aft of panel 531 on right hand wing referencing Socata TBM 850 M/M 20-30-01.
- * Installed a new Michelin tire P/N 033-631-0 S/N 7283S00277 on the left main wheel assembly P/N 40-434 S/N 1689. Serviced tire with nitrogen and no leaks noted. Installed tire and wheel assembly on left main gear. Work performed referencing Socata TBM 850 M/M 32-40-01. Removed tire S/N 70892393.
- * Installed a new Michelin tire P/N 033-631-0 S/N 8316S00111 on the right main wheel assembly P/N 40-434 S/N 1687. Serviced tire with nitrogen and no leaks noted. Installed tire and wheel assembly on right main gear. Work performed referencing Socata TBM 850 M/M 32-40-01. Removed tire S/N 62562293.
- * Inspected for corrosion in tail cone area. Opened access panels 213 and 214 below forward baggage compartment. Opened access panels 572 and 672 on wings and inspected for corrosion. Performed general visual inspection of exterior of aircraft for corrosion. No discrepancies noted.

I certify this Airframe is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 385712.

Signed


Jason Wright

for Elliott Aviation of Des Moines, Inc.
CRS# JEMR166F

Inspection

- * Performed a C+ Inspection in accordance with the C Inspection Guide and the 1 yr items from the Special Checks Guide of the Socata TBM 850 Maintenance Manual.
- Special Inspection**
- * Complied with 12 month / 200 hour main ship battery capacity check referencing Concorde Battery Corp RG Series main aircraft battery CMM 24-30-71. Battery passed at 96%.
- * Complied with 12 mo ELT inspection per FAR 91.207(d). Battery due replacement 11/2024.
- * Complied with 12 mo portable fire extinguisher weight check referencing Socata TBM 850 M/M 26-20-01.
- * Complied with 12 mo autopilot servo friction test, referencing Socata TBM 850 M/M ch 22-11-00, 22-11-03, 22-11-04, 22-11-05 and 22-11-06.
- * Complied with 24 mo outflow and safety valve cleaning referencing Socata TBM 850 M/M 21-30-02 and 21-30-03.
- * Completed 48 month / 1500 hour fuel tank flapper valves and strainers inspection referencing Socata TBM 850 M/M 28-10-06 and 28-10-00.
- * Complied with 120 month / 3500 hour mechanical fuel pump overhaul. Replaced mechanical fuel pump with overhauled unit P/N: 1127-02, S/N: 386 from Safran Aerosystems Services (CRS# I2XR2050) under WO# 0050907408 R145503. See FAA Form 8130-3 dated 18/May/2020 for details. Removed S/N 610. Work accomplished referencing TBM M/M 28-20-04. Operational and leak check good.
- * Complied with 36 month hydraulic system, shimmy damper & brake reservoir fluid change referencing Socata TBM 850 M/M 12-13-01 and 12-13-05.
- * Complied with 60 month and 120 month main gear & nose inspections referencing Socata TBM 850 M/M 5-20-05.
- * Complied with 120 month / 6000 hour vertical stabilizer fatigue and corrosion inspections referencing Socata TBM 850/900 Maintenance Manual, Chapters. 55-30-00 & 55-40-00.
- Overhaul/Replacement**
- * Complied with 120 mo / 10,000 cycle landing gear electro-hydraulic generator replacement by installing and overhauled electro - hydraulic generator P/N 1118-04 S/N 543. Work accomplished referencing Socata TBM 850 M/M 32-35-01 and 32-35-02.

Service Bulletin

- * Complied with Daher Recommended SB 70-281-21 Rev. 2 - Gas Controller Upgrade. A300-General Air System Controller Modified by Daher Aircraft, Inc. (URZR891L/EASA.145.5152). See FAA Form 8130-3 dated 19-Aug-2020 for details. Installed Modified controller P/N: 82024A030701, S/N: 82024-00216 and followed the accomplishment instructions referencing the Service Bulletin. Reference MOD70-0689-21 Version B.
- * Complied with Daher Mandatory SB 70-118-27 Amd. 1 "SAGEM/AVIAC" Flap Actuator. Complied with wear check and lubrication of all left and right flap actuators referencing the Service Bulletin with no discrepancies noted.
- * Complied with Daher Recommended Service Bulletin SB 70-265-34, Emergency Descent Mode Upgrade referencing the Service Bulletin.
- Maintenance Action**
- * Replaced bonding strap at nose gear torque knee with new P/N: 6028207283 referencing TBM 850 M/M 32-20-01.
- * Installed dual Mid Continent Model TA202 USB Charging Ports, PN 6430202-1, SN K19-10503, and SN K20-12288, as a minor alteration. The USB Ports were installed referencing the Mid Continent Model TA202 Installation Manual# 9017899, Rev J, and AC43.13-2B, Chapter 2, paragraphs 201, 202, 203, and 207. The USB Ports were installed in the instrument panel, one on the pilot's side and one on the copilot's side. Power for each USB Port is provided from a 3 Amp circuit breaker labeled PLT USB and CPLT USB, mounted in the copilot circuit breaker panel.
- * Installed a new rudder bond strap P/N T700A2470031001 referencing Socata TBM 850 M/M 55-40-00.
- * Installed a new low fuel pressure switch P/N N7126201004 referencing Socata TBM 850 M/M 28-40-04.
- * Removed right wing fuel panel, second one from wing root, and installed new gasket P/N: 7423210090 referencing Socata TBM 850 M/M 52-40-01.
- * Removed left wing fuel panel forward of main landing gear and installed new gasket P/N 7423210090 referencing Socata TBM 850 M/M 52-40-01.
- * Installed new Michelin tire P/N 071-311-0 S/N 9124S00119 on the nose gear wheel P/N 40-262AA S/N 1746. Serviced tire with nitrogen and no leaks noted. Static balanced tire and wheel assembly and then installed tire and wheel assembly on nose landing gear. Work performed referencing Socata TBM 850 M/M 32-40-02. Removed tire S/N 2018S00460.
- * Installed new race P/N LM67048 and bearing P/N LM67010 on the nose wheel left side referencing Socata TBM 850 CMM 40-262A.

Date WO# 386047 Date: 8/31/2020
Reg# N576MA Aircraft SN: 545
Hobbs: 1518.7
ATT: 1518.7 ATC: 1245



Elliott Aviation of Des Moines, LLC
Des Moines Airport
2800 McKinley Avenue
Des Moines, IA 50321-2806

Airframe Log Entry

Maintenance Action

- * Adjusted cabin stair handrail mechanism referencing Socata TBM 850 M/M 52-60-00.
- * Applied new fillet seals to both GPS antennas using AC350B1/2 sealant. Work completed referencing Socata TBM 850 M/M 20-30-01.
- * Removed the vertical stabilizer upper and center bearings and support brackets for the rudder. Installed 1 new upper support bracket / bearing P/N T700A5530080000. Work accomplished referencing Daher Aerospace Engineering Note ASE_026_2019_AL dated 30 January 2019. Installed 1 new central support bracket / bearing P/N T700A5530036000. Work accomplished referencing Daher Aerospace Engineering Note ASE_025_2019_AL dated 29 January 2019.
- * Applied chafe tape P/N PM-T3 on the right and left flaps referencing Socata TBM 850 M/M 57-50-00.

I certify this Airframe is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 386047.

Signed 
John Ferrick

for Elliott Aviation of Des Moines, LLC
CRS# JEMR166F

Détails v

Partic

N576MA S/N 545
A/C TT: 1518.7 CYC 1245
August 28, 2020



Elliott Aviation of Des Moines, LLC
2800 McKinley Avenue
Des Moines, IA 50321
FAA CRS JEMR166F

Complied with FAR 43, appx E and F, FAR 91.411, FAR 91.413 and RVSM. Work performed referencing TBM 850 MM Chapter 34-11-00 Air Data Systems Adjustment/Test and RVSM for compliance of the 24 month requirement s of FAR 91.411/91.413

TRANSPONDER # 1 GTX 33 ES P/N 011-00779-30 SN 89109581

TRANSPONDER # 2 GTX 33ES P/N 011-00779-30 SN: 89109598

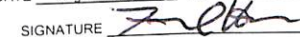
ALTIMETER SCALE CORRECTION CARD			
ALT. READS	ADD ALGEBRAICALLY	ALT. READS	ADD ALGEBRAICALLY
-1,000	0	14,000	-10
0	0	16,000	-10
500	0	18,000	-10
1,000	0	20,000	-20
1,500	0	22,000	-20
2,000	0	25,000	-20
3,000	0	30,000	-30
4,000	0	35,000	-30
6,000	-10	40,000	N/A
8,000	-10	45,000	N/A
10,000	-10	50,000	N/A
12,000	-10		

Pilot Alt P/N 011-01110-00
DATE August 28, 2020 ALT S/N 43805636

SIGNATURE 

ALTIMETER SCALE CORRECTION CARD			
ALT. READS	ADD ALGEBRAICALLY	ALT. READS	ADD ALGEBRAICALLY
-1,000	+10	14,000	-40
0	0	16,000	-70
500	0	18,000	-90
1,000	-10	20,000	-70
1,500	-10	22,000	-100
2,000	-10	25,000	-100
3,000	-10	30,000	-60
4,000	-10	35,000	-60
6,000	-10	40,000	N/A
8,000	-20	45,000	N/A
10,000	-20	50,000	N/A
12,000	-30		

STBY ALT PN 3A43 22 35F 28 1 GN
DATE August 28, 2020 ALT S/N 1061469

SIGNATURE 

ALTIMETER SCALE CORRECTION CARD			
ALT. READS	ADD ALGEBRAICALLY	ALT. READS	ADD ALGEBRAICALLY
-1,000	0	14,000	-10
0	0	16,000	-10
500	0	18,000	-10
1,000	0	20,000	-20
1,500	0	22,000	-20
2,000	0	25,000	-20
3,000	0	30,000	-30
4,000	0	35,000	-40
6,000	-10	40,000	N/A
8,000	-10	45,000	N/A
10,000	-10	50,000	N/A
12,000	-10		

Copilot Alt P/N 011-01110-00
DATE August 28, 2020 ALT S/N 43805676

SIGNATURE 

THIS AIRCRAFT AND OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY

REF WO# 386047

8/28/2020 Signature 
FOR ELLIOTT AVIATION OF DES MOINES, INC. FAA CRS JEMR166F

END

éparateur
se en service
overhauler
lease

WO# 386235 Date: 2/3/2021
Reg# N576MA Aircraft SN: 545
Hobbs: 1541.9
ATT: 1541.9 ATC: 1269



Elliott Aviation of Des Moines, LLC
Des Moines Airport
2800 McKinley Avenue
Des Moines, IA 50321-2806

Airframe Log Entry

Maintenance Action

- * Complied with 10 year landing gear actuator overhaul by installing new actuators P/N N7897340001.
 - Installed S/N 5192 in R/H main position, remove P/N T700A323005300000 S/N 454.
 - Installed S/N 5194 in L/H main position, remove P/N T700A323005300000 S/N 453.
 - Installed S/N 5191 in Nose gear position, remove P/N T700A323005300000 S/N 458.
- Actuators installed, adjustment checked, leak checked, operational checked, and secured with new tab washers referencing TBM 850 M/M 32-30-01 and 32-30-02.

I certify this Airframe is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 386235.

Signed 
Jason Wright

for Elliott Aviation of Des Moines, LLC
CRS# JEMR166F

Page 1 of 1

Détail

WO# 386472 Date: 9/5/2021
Reg# N576MA Aircraft SN: 545
Hobbs: 1606.1
ATT: 1606.1 ATC: 1333



Elliott Aviation of Des Moines, LLC
Des Moines Airport
2800 McKinley Avenue
Des Moines, IA 50321-2806

Airframe Log Entry

Inspection

- * A+ Inspection completed in accordance with the A Inspection guide and the 1 yr items from the Special Checks Guide of the Socata TBM 850 Maintenance Manual.

Special Inspection

- * Performed 1 yr B35, B36, B37 and B38 servo cable condition and tension check, friction torque check, and greased servo actuators. Referenced Daher TBM 850 AMM 22-11-00, 22-11-03, 22-11-04, 22-11-05, and 22-11-06.
- * Complied with 200 hr / 12 mo concorde lead acid battery check referencing Concorde RG-380E Maintenance Manual. Battery passed testing at 55 min.
- * Complied with 1 yr ELT operational check per FAR 91.207
- * Complied with 1 yr portable fire extinguisher weight check referencing Socata TBM 850 M/M 5-20-05. Bottle weight 4 lbs. 10 oz.
- * Complied with 1 yr landing gear long life inspection referencing Socata TBM 850 M/M 5-20-05.
- * Complied with 10 yr fire wall and front cargo compartment inspection referencing Socata TBM 850 M/M 5-20-05 item 39 of special checks.

- * Performed the 36 mo standby compass compensation, referencing the Daher TBM 850 Aircraft Maintenance Manual Chapter 34-23-01. System checked good on the ground.

Overhaul/Replacement

- * Removed defective Autopilot Controller GMC710 P/N 011-01020-10 S/N 22005586 and installed overhauled GMC710 P/N 011-01020-10 S/N 22008065. Referenced Garmin 190-00871-00 G1000 Avionics System LMM 4.12.1.
- * Verified heading fault as a result of defective Magnetometer. Removed defective magnetometer GMU-44 P/N 011-00870-00 S/N 47515565 and installed overhauled GMU-44 P/N 011-00870-00 S/N 47512377. Per Garmin Technical Support instructions, installed software GMU Boot Block v2.05; 006-B1112-03-A. Referenced Garmin 190-00303-10 GRS 77/GMU 44 Installation Manual Section 5.
- * Removed defective MFD GDU 1500 P/N 011-01108-00 S/N 43205044 and installed overhauled GDU 1500 P/N 011-01108-00 S/N 43201306. Referenced Garmin 190-00871-00 G1000 Avionics System for the Daher TBM 850 section 4.3.

Service Bulletin

Page 1 of 2

WO# 386472 Date: 9/5/2021
Reg# N576MA Aircraft SN: 545
Hobbs: 1606.1
ATT: 1606.1 ATC: 1333



Elliott Aviation of Des Moines, LLC
Des Moines Airport
2800 McKinley Avenue
Des Moines, IA 50321-2806

Airframe Log Entry

Service Bulletin

- * Complied with SB70-118-27 AM1 "SAGEM/AVIAC" flap actuator PARA A. and C.2, play check and clean and lubricate left and right flap actuator rods.

Maintenance Action

- * Troubleshoot air condition system and found duct disconnected off the evaporator outlet. Reconnected duct, evacuated air conditioning system and found to be 1/2 lb low. No leaks noted. Serviced system with 2.97 lbs R134 refrigerant. Work performed referencing Socata TBM 850 M/M.
- * Found potentiometer broken on Cabin Pressure Selector. Removed defective Cabin Pressure Selector P/N 22297A010001 S/N 22297-00293 and installed inspected/tested Cabin Pressure Selector P/N 22297A010001 S/N 22297-00420. Referenced Daher TBM 850 AMM 21-30-01.
- * Installed a new S35 low pressure switch P/N 76578-00000100-01 for the electric fuel pump referencing Socata TBM 850 M/M 28-40-04.
- * Secured fuel pressure transmitter backshell and operationally check satisfactory with no leaks noted. Work performed referencing Socata TBM 850 M/M ch. 28.
- * Found multiple broken connections and chafed wires on MFD Connector. Depinned connector, restored wiring, and repinned connector. Referenced Daher TBM 850 Wiring Manual for Aircraft Serial Number 545.
- * Installed new oxygen valve P/N 32029-00, leak checked and serviced oxygen system.

I certify this Airframe is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 386472.

Signed

Brett Nelson

for Elliott Aviation of Des Moines, LLC
CRS# JEMR166F

Page 2 of 2

MJ Aviation Innovations, LLC

2525 NE Douglas Street Hangar 1
Lee's Summit, MO 64064
P.H. 816-547-9701

Date	Tach	Hobbs	Airframe Total Time
07/19/2022	-	1720.7	1720.7

N576MA Socata TBM 700 S/N 545

Removed L/H and R/H main wheels, disassembled, cleaned, and inspected, checked ok. Reassembled with new Michelin tires P/N 033-631-0 L/H S/N 2046T00245 and R/H S/N 1357T00267, with new wheel o-rings P/N M83461/1-261 (1 each) and M83461/1-145 (2 each), serviced tires with 130 psi of nitrogen. Repacked main wheel bearings and reinstalled wheels. This aircraft is approved for return to service in regard to work performed above.

Matthew L. White A&P3543855

Matthew L. White

WO# 386852 Date: 10/5/2022
Reg# N576MA Aircraft SN: 545
ATT: 1727.6 ATC: 1454



Elliott Aviation of Des Moines, LLC
Des Moines Airport
2800 McKinley Avenue
Des Moines, IA 50321-2806

Avionics Log Entry

Special Inspection

- * Initial pitot static leak check shows out of tolerance leak. Isolated leak to pilot side. Tightened all visible hoses. Found 1 loose hose connection on #1 Garmin Air Data Computer. Leak is still outside limits. Removed standby instrument and capped lines with no appreciable change in leak rate. Removed airspeed indicator with no appreciable change in leak rate. Inspected hose interconnects and found an elbow fitting cracked coming from the pilot static manifold to the airspeed indicator. Removed defective elbow fitting P/N N7008010006 and installed new 90 degree elbow fitting P/N N7008010006 S/N NSN from Socata (FR.21G.0027). See EASA Form 1 dated 18 FEB 2015. Verified system leak rate is within limits and 91.411/413 recertification can be continued at this time. Work performed in reference to Daher TBM 850 Aircraft Maintenance Manual 34-00-00.

I certify that the altimeter and static system tests required by 14 CFR part 91, § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendices E and F. In addition, RVSM Air Data Computer functional tests, Standby Altimeter functional test, and Transponder Functional Tests were performed at this time.

#1 Air Data Computer: Garmin GDC74B Part No. 011-01110-00 Serial No. 43805636

#2 Air Data Computer: Garmin GDC74B Part No. 011-01110-00 Serial No. 43805676

Standby Altimeter: Thommen AG Part No. 3A43.22.35F.28.1.GN Serial No. 10612169

#1 Transponder: Garmin GTX 33ES Part No. 011-00779-30 Serial No. 89109581

#2 Transponder: Garmin GTX 33ES Part No. 011-00779-30 Serial No. 89109598

The altimeters were tested to 35,000 feet on October 4, 2022. The transponders were tested on October 4, 2022. Encoder data correspondence was tested to 35,000 feet on October 4, 2022. Static system leak rate tested on October 4, 2022. Work performed in reference to Daher TBM 850 Aircraft Maintenance Manual 34-11-00, 34-53-00, and 14 CFR part 43, appendices E and F.

Signature Certificate Number CRS JEMR166F

I certify this Airframe is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 386852.

Signed

David Rathjens

for Elliott Aviation of Des Moines, LLC
CRS# JEMR166F

Page 1 of 1

WO# 386852 Date: 10/6/2022
Reg# N576MA Aircraft SN: 545
Hobbs: 1727.6
ATT: 1727.6 ATC: 1454



Elliott Aviation of Des Moines, LLC
Des Moines Airport
2800 McKinley Avenue
Des Moines, IA 50321-2806

Airframe Log Entry

Inspection

- * B+ Inspection completed in accordance with the B Inspection guide and the 1 yr items from the Special Checks Guide of the Daher TBM 850 Maintenance Manual.

Special Inspection

- * Complied with 24 mo outflow and safety valve seat cleaning referencing Daher TBM 850 M/M 21-30-02.
- * Complied with 1 yr B35, B36, B37, and B38 servo- actuators friction torque check and servo cable tension check referencing Daher TBM 850 M/M 22-11-00.
- * Complied with 6 mo lead acid battery capacity check. Battery RG-380E/44 S/N 70005571 passed at 85%. Work performed referencing Concorde CMM 24-30-71.
- * Complied with 600 hr starter-generator brush inspection. Brushes at 60% life left. Work performed referencing Thales CMM 24-35-22.
- * Complied with 12 mo ELT inspection / check referencing FAR 91.207(d). Battery due Nov 2024.
- * Complied with 12 mo fire extinguisher weight and pressure check. (4 lbs. 9.6 oz.) Work performed referencing Daher TBM 26-20-01.
- * Complied with 1-year inspection items of left, right, and nose landing gear in order for the landing gears to comply with the "Long Life Program" I A W Daher M/M chapter 32.

Overhaul/Replacement

- * Complied with 600 hr freon compressor belt P/N 6046297261 replacement referencing Daher TBM 850 M/M 21-55-01.
- * Complied with 600 hr fuel unit filter replacement referencing Daher TBM 930/940 M/M chapter 28-20-00.
- * Complied with 6 yr crew oxygen mask overhaul by replacing pilot oxygen mask with overhauled mask P/N MC10-02-121 S/N SE65284 from Safran Aerosystems Services (CRS# QX3R805L) work order 0051021695, see 8130-3 dated 20/Jun/2022. Next OHL due 01/2028. Removed S/N 123068 Replaced co-pilot oxygen mask with overhauled mask P/N MC10-02-121 S/N 123280 from Safran Aerosystems Services (CRS# QX3R805L) work order 0051008161, see 8130-3 dated 10/Nov/2021. Next OHL due 11/2027. Removed S/N 141467. Performed operational check and leak check. Work performed referencing Daher TBM M/M 35-11-02.

WO# 386852 Date: 10/6/2022
Reg# N576MA Aircraft SN: 545
Hobbs: 1727.6
ATT: 1727.6 ATC: 1454



Elliott Aviation of Des Moines, LLC
Des Moines Airport
2800 McKinley Avenue
Des Moines, IA 50321-2806

Airframe Log Entry

Overhaul/Replacement

- * Complied with 6 yr altimetric valve overhaul by installing overhauled altimetric valve P/N DVE90-08 S/N 6481 from Sanfran Aerospace Services (CRS# QX3R805L) work order 0551007439, see 8130-3 dated 19/Oct/2021. Next OHL due 10/2027. Removed S/N 5949. Work performed referencing Daher TBM 850 M/M 35-21-02.

Airworthiness Directive

- * Daher Aerospace AD 2021-24-13 To Prevent Dump Switches Ejecting from Their Slots, effective date 1-12-2022 does not apply per S/N of aircraft.
- * Daher Aerospace AD 2021-25-10 effective date January 24, 2022 does not apply due to oil cooler air induction duct P/N (P/N) T700A7920040001, T700H792000900000, T700H792001900000, T700H792001900200, T700H792001900400, or T700H792001900600 not installed on aircraft.

Service Bulletin

- * Complied with Daher SB 70-300-21 Rev 2 " AIR CONDITIONING SYSTEM ELECTRICAL PROTECTION " (Reference MOD70-0704-21 Version B) by modifying wiring per Figure 3 of SB 70-300-21. Operational checked ok.
- * Complied with Daher SB70-304-25 "Emergency Exit Door Opening" per accomplishment instructions using strap assy P/N T700G252006500100.
- * Complied with SB70-118-27 AM1 "SAGEM/AVIAC" flap actuator PARA A and C 2, play check and clean and lubricate left and right flap actuator rods. RH flap nut due for replacement next inspection due to step A 9) a)

Maintenance Action

- * Installed new aileron trim placard P/N T700A1130025106 on pedestal referencing Daher TBM 850 M/M 11-30-00.
- * Installed new LH wing fuel drain placard P/N T700A112001110300 referencing Daher TBM 850 M/M 11-31-00.
- * Installed new portable fire extinguisher model C352 S/N H-21670331 Weight checked 4 lbs. 9.7 oz. Mfg Date Apr. 2022
- * Re-torqued LH wing fuel panel 531 & 533 No further laeks detected. Work performed referencing Daher TBM 850 M/M 52-40-01
- * Re-torqued RH wing fuel panel 631 & 633 No further laeks detected. Work performed referencing Daher TBM 850 M/M 52-40-01
- * Installed new LH and RH static pressure port "KEEP CLEAN" placards P/N 700A11200910400 referencing Daher TBM 850 M/M 11-30-00

WO# 386852 Date: 10/6/2022
Reg# N576MA Aircraft SN: 545
Hobbs: 1727.6
ATT: 1727.6 ATC: 1454



Airframe Log Entry

Elliott Aviation of Des Moines, LLC
Des Moines Airport
2800 McKinley Avenue
Des Moines, IA 50321-2806

Maintenance Action

- * Replaced LH brake pads with 32 new brake pads P/N 109-01500 referencing Parker Hannifin CM30-191.
- * Installed new right brake disc P/N 159-02700 and 32 new brake pads P/N 109-01500 referencing Parker Hannifin CM30-191.
- * Installed new landing gear control C/B P/N N7173012200. Performed operational check and gear checks. No discrepancies noted. Work performed referencing Daher TBM 850 M/M 24-60-00 and 32-00-00.
- * Installed new nose baggage door lift strut P/N N7012253405 work performed referencing Daher 850 M/M 52-30-01
- * Installed new LH landing light lense P/N T700A334000410001 referencing Daher TBM 850 M/M 33-40-02
- * Replaced damaged erosion protection tape on RH flap referencing Daher TBM 850 M/M 57-50-00
- * Performed Post-Inspection Flight referencing Daher TBM 850 M/M 05-12-20.

I certify this Airframe is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 386852.

Signed Taylor Tolan for Elliott Aviation of Des Moines, LLC
Taylor Tolan CRS# JEMR166F

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

OZARK AIRCRAFT MAINTENANCE LLC
CAPE GIRARDEAU REGIONAL AIRPORT
CAPE GIRARDEAU MO

April 27, 2023 N576MA Socata TBM 700 S/N 545

Hobbs 17.3 Cycles 1606

On this date jacked aircraft and removed main wheel assy. Disassembled cleaned and inspected packed wheel bearings. Reassembled using new Michelin 033-631-0 tires 101-61200 and 101-62700 packings. Serviced, installed and saftied wheel assy. Removed aircraft from jacks.

Brian J. Ozark
Brian J. Ozark AP41640790

OZARK AIRCRAFT MAINTENANCE LLC

CAPE GIRARDEAU REGIONAL AIRPORT

CAPE GIRARDEAU MO

October 1, 2023 N576MA Socata TBM 850 S/N 545

Hobbs 2018.3 Total time 2018.3 Cycles 1754

On this date performed A+ Inspection and detailed inspection IAW Daher TBM 850 Manual Chapter 5-20-04. Performed all annual lubrication items. Checked aileron and spoiler tensions and safeties. Cleaned fuel strainers. Inspected fuel flapper valves. Serviced O2 system and inspected system for leaks and operational check. Performed capacitance test on main battery. Replenished brake fluid with new fluid. Replaced beta carbon block. Cleaned outflow and safety valve. Checked autopilot cable tension and condition. lubricated flap rollers. Jacked aircraft and removed main wheels and disassembled and cleaned. Reassembled using new tires 185F03-5 Goodyear tire and O-rings. Packed all wheel bearings inspected nose gear axle and greased gear and performed retraction test normal and emergency. Serviced both main struts. Removed aircraft from jacks. Replaced seat recline cable assy on pilot seat P/N SOC421720-505. Inspected ELT IAW FAR 91.207 (d) 1-4 next inspection due October 2024. Weight checked fire extinguishers.

I Certify that this Aircraft was inspected IAW a A+ 200 hr inspection and was determined to be in an airworthy condition.

noted

Brian J. Ozark AP41640790IA

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

32

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



4331 John E. Godwin Jr. Memorial Dr.

Scott City MO 63780

Registration: N576MA Make&Model: SOCATA TBM 700 S/N: 545 Time: 2143.3

Removed GMU44 PN 011-00870-00 SN 47515539. Installed GMU44 PN 011-00870-00 SN 47509325 IAW Line Maintenance Manual, G1000 TBM

700/850/900 - GDU v15.11, 190-00871-00, Rev R.

This aircraft is approved for return to service for the work performed only.

Inspector *Jodym* Date: 10-18-2023 W/O: 20285
CRS80KR424D

OZARK AIRCRAFT MAINTENANCE LLC

CAPE GIRARDEAU REGIONAL AIRPORT

CAPE GIRARDEAU MO

March 12, 2024 N576MA Socata TBM 850 S/N 545

Hobbs 2273.0

On this date removed old ice light assembly and installed LED ice light P/N 01-077194-00 IAW SBSB70-297-33. Removed inertial separator assy and removed old actuator. Modified with Kit OPT70 K151-71 IAW SB70-224-71. Reinstalled and rigged new actuator. Preformed operational check of light and separator no defects noted. Weight change negligible.

Brian J. Ozark AP41640790

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
N576MA, SOCATA TBM 700, S/N 545					
04/02/2024, Total Time 2285.1, 1862 Cycles					
Removed Concord RG-380E/44, S/N 70005571.					
Installed S/N 70035325. OCV at installation					
25.5V. Work done I/A/W Ch. 24-30-04 of DAHER					
TBM Maintenance Manual.					
Dale Raymer, A&P 3255309 IA					

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

OZARK AIRCRAFT MAINTENANCE LLC
CAPE GIRARDEAU REGIONAL AIRPORT
CAPE GIRARDEAU MO

November 24, 2024 N576MA Socata TBM 850 S/N 545
Hobbs 2464.5 Total time 2464.5 Cycles 2004
On this date performed C+ Inspection and 1 year items IAW Daher TBM 850
Maintenance Manual as a guide 4. Performed all annual lubrication items. Checked
aileron and spoiler tensions and safeties. Cleaned fuel strainers. Performed capacitance
test on main battery. Cleaned outflow and safety valve replaced filter P/N 6046297277.
Checked autopilot cable tension and condition. lubricated flap rollers. Packed all wheel
bearings inspected nose gear axle and greased gear. Removed and disassembled brake
assy and cleaned installed all new 109-01500 wear pads and new 159-02700 brake discs.
Reassembled and serviced. Performed retraction test normal and emergency. Serviced
both main struts. Removed aircraft from jacks. Inspected ELT IAW FAR 91.207 (d) 1-4
next inspection due November 2025. Installed new ELT battery P/N 452-0133 next
replacement December 2029. Weight checked fire extinguishers.
I Certify that this Aircraft was inspected IAW a A+ 200 hr Annual inspection and was
determined to be in an airworthy condition.
noted.

Brian J. Ozark AP41640790IA

OZARK AIRCRAFT MAINTENANCE LLC
CAPE GIRARDEAU REGIONAL AIRPORT
CAPE GIRARDEAU MO

January 28, 2025 N576MA Socata TBM 850 S/N 545
Hobbs 2494.0
On this date AD23-11-12 Rev 7-21-23 Previously C/W found strap not installed properly IAW
SB70-304. Installed new strap P/N T700G252006500100 IAW SB70-304 no further action
required.

Brian J. Ozark AP41640790

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

TBM

Reg. Mark Hobbs
N576MA 2506.5

1. Complied with 1 year/200 hour
2. Complied with 2 year/400 hour

The article has been repair
with respect to the mainten

Details are on file at this C.
Date 2/26/2025 Signe

CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

Date tested.

Standby:	Mfg.	Thommen	P/N	3A43.22.35F.28.1.GN	S/N
Date Tested:		2/26/2025			
Transponder #1:	Mfg.	Garmin	Model	GTX 33ES	S/N 89109581
Transponder #2:	Mfg.	Garmin	Model	GTX 33ES	S/N 89109598
Encoder #1:	Mfg.	Garmin	Model	GDC 74	S/N 43805636
Encoder #2:	Mfg.	Garmin	Model	GDC 74	S/N 43805676

Details of the inspection are on file at this C.R.S. under Work Order No.:

A-25-5750

Date 2/26/2025 Signed [Signature] Inspector For Muncie Aviation Company

CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

Gained access to both GMU44's. Swapped position with the GMU44's.
Performed Mangatometer calibration procedures.
Work performed in accordance with G1000 Line Maintenance Manual P/N 190-00871-00
Revision R.

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 16152.

SIGNATURE

[Signature] for CRS MW8R657W

END

Altimeter Scale Correction Card			
Altimeter P/N	011-01110-00	Altimeter S/N	43805676
Test Point	Altimeter Reading	Test Point	Altimeter Reading
Feet	Feet	Feet	Feet
-1000	-1000	14000	13990
0	0	16000	15990
500	500	18000	17990
1000	1000	20000	19990
1500	1500	22000	21990
2000	2000	24000	23990
2500	2500	26000	25990
3000	3000	28000	27990
3500	3500	30000	29990
4000	4000	32000	31990
4500	4500	34000	33990
5000	5000	36000	35990
5500	5500	38000	37990
6000	6000	40000	39990
6500	6500	42000	41990
7000	7000	44000	43990
7500	7500	46000	45990
8000	8000	48000	47990
8500	8500	50000	49990
9000	9000	52000	51990
9500	9500	54000	53990
10000	10000	56000	55990
10500	10500	58000	57990
11000	11000	60000	59990
11500	11500	62000	61990
12000	12000	64000	63990
12500	12500	66000	65990
13000	13000	68000	67990
13500	13500	70000	69990
14000	14000	72000	71990
14500	14500	74000	73990
15000	15000	76000	75990
15500	15500	78000	77990
16000	16000	80000	79990
16500	16500	82000	81990
17000	17000	84000	83990
17500	17500	86000	85990
18000	18000	88000	87990
18500	18500	90000	89990
19000	19000	92000	91990
19500	19500	94000	93990
20000	20000	96000	95990
20500	20500	98000	97990
21000	21000	100000	99990

Tested By: [Signature]
Inspector: [Signature]
Date: 2-26-2025

Muncie Aviation Co. CRS# AJVR135C
5201 N. Walnut St. Cop 101
Muncie, IN 47303 P.D.

Piper

S/N
545

tem check IAW 34-11-00-501

and was determined to be airworthy

Muncie Aviation Company

TBM

MAC
Muncie Aviation Company
An Employee Owned Company

Piper

Reg. Mark	Hobbs	Make	Model	S/N
N576MA	2506.9	Socata	TBM700/850	545

1. Resealed right wing fuel access panel 637.
2. Inspected and cleaned P2.5 and cabin inlet check valves. Retorqued all bleed air v-band clamps. Replaced hose at distribution valve with new, p/n 6877670056DHR/308FP0200500. Ref Daher wo 4501250985. Ref MM CH 21-20-00.
3. Removed oxygen bottle due to bottle being expired. Replacement not available at this time. Placed "Oxygen bottle removed. Flight above FL250 prohibited" placard on instrument panel. Revised aircraft weight and balance and placed in POH.
4. Replaced cabin middle step pin with new, p/n T700B526004410000. Adjusted steps and verified proper operation of struts.
5. Replaced cabin table latch with new latch p/n 24554701. Ref MM CH 25-21-06.
6. Complied with 1,200 starter generator brush and bearing inspection. Removed starter generator and sent to Hoosier Aircraft for inspection/repair. Reinstalled starter generator p/n 8012F Amdt. E, s/n 603 after repair. Ref Hoosier Aircraft wo 60672. Torqued and safetied mounting hardware.
7. Disconnected manual override cable from fuel control. Pressure lubricated cable. Reconnected and checked control rigging. Ref MM CH 76-10-05.
8. Replaced all 4 flap selector lever assembly switches with new, p/n 7531170007. Ref MM CH 27-50-04.
9. Replaced nose tire with new Michelin 10 ply tire, p/n 071-311-0 s/n 4057T00123 using new oring. Ref Michelin wo 4057T00123. Torqued wheel halves, balanced, and serviced with nitrogen to 94 psi. Ref. CMM CH 32-40-00.
10. Edited html file on trend card to reflect the average historical and flight aware data of 2034 cycles. Reinstalled card in MFD.
11. Adjusted pilot elevator trim switch contact spring. Ref MM CH 27-30-01.
12. Operational and leak check good of above items good.

The article has been repaired and inspected in accordance with the current FAA Regulations and was determined to be airworthy with respect to the maintenance, preventative maintenance or alterations performed. Details are on file at this C.R.S. under Work Order No. S-25-3763
Date: 3/13/2025 Signed: [Signature] Inspector for Muncie Aviation Company. CRS# AJVR135C. Muncie, Indiana 47303. 765-289-7141.

TBM

MAC
Muncie Aviation Company
An Employee Owned Company

Piper

Reg. Mark	Hobbs	Make	Model	S/N
N576MA	2507.2	Socata	TBM700/850	545

1. Installed repaired oxygen bottle assembly, p/n 2213-6519, s/n ALT279-39444. Next hydrostatic test due 3/2030. Bottle expires 6/2039. Serviced oxygen system to 1850 psi. Removed "oxygen system inop" placard from instrument panel. Updated weight and balance and installed in POH. Operational and leak check good.

The article has been repaired and inspected in accordance with the current FAA Regulations and was determined to be airworthy with respect to the maintenance, preventative maintenance or alterations performed. Details are on file at this C.R.S. under Work Order No. S-25-3817
Date: 3/24/2025 Signed: [Signature] Inspector for Muncie Aviation Company. CRS# AJVR135C. Muncie, Indiana 47303. 765-289-7141.

SERVICE DE L'ÂRONEF - AIRCRAFT RECORD

[illegible]

Reg. Mark	Hobbs	Make	Model	S/N
N576MA	2506.9	Socata	TBM700/850	545

1. Resealed right wing fuel access panel 637.
2. Inspected and cleaned P2.5 and cabin inlet check valves. Retorqued all bleed air v-band clamps. Replaced hose at distribution valve with new, p/n 6877670056DHR/308FP0200500. Ref Daher wo 4501250985. Ref MM CH 21-20-00.
3. Removed oxygen bottle due to bottle being expired. Replacement not available at this time. Placed "Oxygen bottle removed. Flight above FL250 prohibited" placard on instrument panel. Revised aircraft weight and balance and placed in POH.
4. Replaced cabin middle step pin with new, p/n T700B526004410000. Adjusted steps and verified proper operation of struts.
5. Replaced cabin table latch with new latch p/n 24554701. Ref MM CH 25-21-06.
6. Complied with 1,200 starter generator brush and bearing inspection. Removed starter generator and sent to Hoosier Aircraft for inspection/repair. Reinstalled starter generator p/n 8012F Amdt. E, s/n 603 after repair. Ref Hoosier Aircraft wo 60672. Torqued and safetied mounting hardware.
7. Disconnected manual override cable from fuel control. Pressure lubricated cable. Reconnected and checked control rigging. Ref MM CH 76-10-05.
8. Replaced all 4 flap selector lever assembly switches with new, p/n 7531170007. Ref MM CH 27-50-04.
9. Replaced nose tire with new Michelin 10 ply tire, p/n 071-311-0 s/n 4057T00123 using new oring. Ref Michelin wo 4057T00123. Torqued wheel halves, balanced, and serviced with nitrogen to 94 psi. Ref. CMM CH 32-40-00.
10. Edited html file on trend card to reflect the average historical and flight aware data of 2034 cycles. Reinstalled card in MFD.
11. Adjusted pilot elevator trim switch contact spring. Ref MM CH 27-30-01.
12. Operational and leak check good of above items good.

The article has been repaired and inspected in accordance with the current FAA Regulations and was determined to be airworthy with respect to the maintenance, preventative maintenance or alterations performed. Details are on file at this C.R.S. under Work Order No. S-25-3763.
Date: 3/13/2025 Signed: [Signature] Inspector for Muncie Aviation Company. CRS# AJVR135C. Muncie, Indiana 47303. 765-289-7141.



Reg. Mark	Hobbs	Make	Model	S/N
N576MA	2507.2	Socata	TBM700/850	545

1. Installed repaired oxygen bottle assembly, p/n 2213-6519, s/n ALT279-39444. Next hydrostatic test due 3/2030. Bottle expires 6/2039. Serviced oxygen system to 1850 psi. Removed "oxygen system inop" placard from instrument panel. Updated weight and balance and installed in POH. Operational and leak check good.

The article has been repaired and inspected in accordance with the current FAA Regulations and was determined to be airworthy with respect to the main preventative maintenance or alterations performed. Details are on file at this C.R.S. under Work Order No. S-25-3817.
Date: 3/24/2025 Signed: [Signature] Inspector for Muncie Aviation Company. CRS# AJVR135C. Muncie, Indiana 47303. 765-289-7141.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

[illegible]

Reg. Mark
N576MA

Hobbs
2506.5

Make
Socata

Model
TBM 700/850

S/N
545

- 1 Complied with 1 year/200 hour RVSM inspection, Static Port and Dimension check IAW 53-00-00-601,
2 Complied with 2 year/400 hour RVSM inspection, Pitot tube condition check IAW 34-11-00-601, and air data system check IAW 34-11-00-501.

The article has been repaired and inspected in accordance with current FAA regulations and was determined to be airworthy with respect to the maintenance, preventative maintenance or alterations performed.

Details are on file at this C.R.S under Work Order No. _____ A-25-5750
Inspector For Muncie Aviation Company

Date 2/26/2025 Signed *C. J. [Signature]*
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

ature réparateur	
ir remise en service	
ature of overhauler	
ance release	



Reg. Mark
N576MA

Hobbs
2506.5

Make
Socata

Model
TBM 700

S/N
545

I certify that the altimeter / static system, transponder, and encoder have been tested as required by FAR 91.217, 91.411, and 91.413. Units were found to comply with the limits set in FAR 43, Appendices E & F

to 35,000 ft	Garmin	P/N	011-01110-00	S/N	43805636
Pilot's PFD:	Mfg.				
	2/26/2025				

Pilot's PFD:
Date Tested: 2/26/2025 P/N 011-01110-00 S/N 43805676
Garmin

Date Tested:	Garmin	P/N	011-01110-00	S/N	10001400
Copilot's PFD:	Mfg.	2/26/2025		S/N	10011400

Copilot's PFD: Mg
Date Tested: 2/26/2025 P/N 3A43.22.35F.28.1.GN S/N 1061469
Thommen

Date Tested:	Thommen	P/N	3A43.22.551.26.PCN	SN#	89100581
Standby:	Mfg.	2/26/2025		P/N	89100581

Standby:	2/26/2025			S/N	89109581
Date Tested:	Garmin	Model	GTX 33ES	S/N	89109581

Date Tested:	Garmin	Model	GTX 33ES	S/N	89109598
Transponder #1: Mfg.	Garmin	Model	GTX 33ES	S/N	43805636

Transponder #1:	Mfg.	Garmin	Model	GTX 55ES	S/N	43805636
Transponder #2:	Mfg.	Garmin	Model	GDC 74	S/N	43805676

Transponder #2:	Mfg.	Garmin	Model	GDC 74	S/N	43805676
Encoder #1:	Mfg.	Garmin	Model	GDC 74		A 25 5750

Encoder #1: Mfg. Garmin Model GDS-14 A-25-5750
Encoder #2: Mfg. _____
_____ are on file at this C.R.S. under Work Order No. _____
_____ for Municipal Aviation Company

Encoder #2: _____
 Details of the inspection are on file at this C.R.S. under work order # _____
 Signed C. R. O. A. T. Inspector For Muncie Aviation Company

Date 2/26/2025 Signed *CLW*
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141