

N228CH LOGBOOK #2

N228CH

LIVRET D'AÉRONEF
AIRCRAFT LOG BOOK

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

February 27, 2024 N228CH S/N: 356 Aircraft TT: 4507.4 hrs. Landing cycles: 4903

Replaced bonding strap at left main landing gear at torque links with new, P/N: 24175-000-00. Sealed exposed Bolts with PRC. Ref. Messier-Dowty CMM 32-11-02. Jacked aircraft: extended landing gear strut and removed from jacks. No interference noted with the bonding strap.

Paul A. Cotrufo

Paul A. Cotrufo AP2775553 For Medical Air, Inc

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April 17, 2024 N228CH S/N: 356 Aircraft TT: 4520.3 hrs. Landing cycles: 4919

Evacuated Vapor Cycle Cooling System. Removed A301 HPU S/N: 059. Flushed refrigerant lines with SMP Flush P/N: 69994. Installed A301 HPU P/N: 11-92364-1, S/N: 161. Drew a vacuum on the VCCS. Recovered .25 .oz oil. 30 minute leak check o.k. Secured lines with new o-rings, P/N: 5120454 and 5109-0229. Serviced with 2.97 lbs R134a and .25 .oz Miles Syn 68 oil. Ref. TBM MM R50 21-55-08(CA), p401-405, 12-15-01(EA), p301-307. VCCS system ops check o.k.

Paul A. Cotrufo

Paul A. Cotrufo AP2775553 For Medical Air, Inc

N228CH S/N: 356 December 18, 2023 A/C TT: 4467.7hr. Hobbs: 4467.7hr. Landing Cycles: 4851

Removed Left wheel assembly, disassembled, cleaned, visually inspected and not defects noted. Reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 20840148 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned and lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 125 psi. Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR50, section 32-40-01, pages 401-408.


Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 January 22, 2024 A/C TT: 4478.9hr. Hobbs: 4478.9hr. Landing Cycles: 4867

Removed Right landing light bulb/starter P/N: LSM-SCD-009-1, S/N: 66149 and installed new bulb P/N: LSM-SCD-009-1, S/N: 70052, adjusted per LSM-500-045, Rev. B. 10-26-11. Operational checkout of the landing light good.


Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 February 22, 2024 A/C TT: 4505.4hr. Hobbs: 4505.4hr. Landing Cycles: 4901

ICA- BBL, C/W the Boom Beam landing light 100hr. inspection IAW LSM-500-045, Rev. B.

Replaced Right brake wear pads with new wear pads P/N: 109-01500 (32) and new rivets P/N: 105-00900 (64).
Replaced Left brake wear pads with new pads P/N: 109-01500 (32) and new rivets P/N: 105-00900 (64).
Installed IAW Parker Hannifin CM30-191 component maintenance manual.


Jeremy A. Greene AP3666293 For Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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Dates

October 2, 2023 N228CH S/N: 356 Aircraft TT: 4426.1 hrs. Landing cycles: 4794

Evacuated vapor cycle cooling system. Serviced with 2.97 lbs R134a and 1.5 .oz Miles Syn 68 oil.

Dates

VCCS system ops check o.k.

Paul A. Cotrufo

Paul A. Cotrufo AP2775553 For Medical Air, Inc

October 18, 2023 N228CH S/N: 356 Aircraft TT: 4437.6 hrs. Landing cycles: 4086

Removed left and right elevators. Removed left and right **elevator trim actuators**. Replaced both trim actuators. Repaired unit, P/N: 14540002, (Left) S/N: 21405. Repaired by Precilec, Cert. FR.145.187,20 Dec 2011, (Right) P/N: 14540002, S/N: D33266, overhauled by Zodiac Actuation systems, Cert. FR.145.0187, 07 May 2015. Ref. DAHER MM 49, Section 27-30-04(1)(2). p. 401-403. Reinstalled elevators. Secured outboard hinge bolts with new lock tabs, P/N: 5759013365. Section 55-20-00(1)(2), p.401-405. Safetied trim cable turnbuckles. Checked trim tab and elevator travel with clinometer. Adjusted trim tab rod ends to obtain correct travel. Ground operation of trim tabs and elevators: full travel, free and correct.

Paul A. Cotrufo

Paul A. Cotrufo AP2775553 For Medical Air, Inc

October 19, 2023 N228CH S/N: 356 Hobbs: 4437.8hrs. Landing cycles: 4807

Performed operational flight check. No defects noted at time, (reference 91.407).

Arthur Mansey Johnson

Arthur Mansey Johnson ATP 7380345

November 17, 2023 N228CH S/N: 356 Aircraft TT: 4456.9 hrs. Landing cycles: 4833

Replaced U24 circuit board with new P/N: T700A9240024003, S/N: 0693. Reinstalled PL23 panel. Removed A300 Controller, S/N: 1105. Installed serviceable A300, P/N: 6054C000-002, S/N: 1124, TT: 4455.5 hrs. Replaced FP4 and FP5 limiters with new, P/N: 100FU01-080. Air conditioning system ops check, o.k.

Paul A. Cotrufo

Paul A. Cotrufo AP2775553 For Medical Air, Inc

N228CH S/N: 356 August 24, 2023 A/C TT: 4402.1hr. Hobbs: 4402.1hr. Landing Cycles: 4763 3 of 3

- **C/W 1 Year Long Life Program Inspection** on Right Main Landing Gear, P/N: D23768000, S/N: B169, Left Main Landing Gear, P/N: D23767000, S/N: B166, and Nose Landing Gear, P/N: D23766000, S/N: 169 IAW Daher TBM Maintenance Manual, P/N: DMAMMPXEE0R49, Chapter 32-00-00, 12-13-03, 12-13-04, 12-14-01 and 12-14-02. No defects noted.

- **C/W 1 Year/200hrs. - RVSM External Surface Inspection** in accordance with (IAW) Daher TBM Maintenance Manual, P/N: DMAMMPXEE0R49, Chapter 53-00-00, page 601, Paragraph 1. No defects noted at this time.

- **C/W - 1 Year/100hr. - ICA - Boom Beam Landing Light Inspection** IAW LSM-500-045, Rev. D. No defects noted at this time.

- **C/W - 1 Year- ICA - Perform Operational Test and Visual Inspection of Aveo PosiStroke MiniMax Flashing Beacons** IAW FAA Form 337 attachment. Operational check normal, no defects noted at this time.

- **C/W - 1 Year - ICA for Garmin GFC600 Autopilot System**, P/N: 190-01938-00 Rv. 12, dated 10/2022, Table 4-1,4-2. No defects noted at this time.

- **C/W - 1 Year - ICA for Garmin G600TXI System**, P/N: 190-01717-B1 Rv. 8, dated: January 2023, Table 3-1 Periodic Maintenance. No defects noted at this time.

- **C/W - 1 Year - ICA for Garmin GTX345**, P/N: 190-00734-11 Rv. 8, dated: June 2021, Table 4-1 Maintenance Intervals. No defects noted at this time.

- **C/W - 1 Year - ICA for Garmin GTN750**, P/N: 190-01007-A1 Rv. 12, dated: January 2020, Table 4-1 Periodic Maintenance. No defects noted at this time.

- **C/W - 1 Year - ICA -GDL-69A** inspection of GDL 69/69A satellite radio SA01487SE IAW Doc#: 190-00355-00, Rev.G, dated February 2020. No defects noted at this time.

I certify this Aircraft has been inspected in accordance with (IAW) a "A+" Annual Inspection per Daher TBM Maintenance Manual, P/N: DMAMMPXEE0R49, and is approved for return to service.


David K. Eastwood IA2778982 for Medical Air Inc.

Sept. 7, 2023 N228CH S/N: 356 Aircraft TT: 4412.7 hrs. Landing cycles: 4778

Performed visual Inspection, due to bird strike, on right (co-pilot) windshield Zone 1. Cleaned and visually inspected windshield per DAHER MM R49, Section 56-10-00, 1(B). p. 601. No defects noted.



Paul A. Cotrufo AP2775553 For Medical Air, Inc

- N228CH S/N: 356 August 24, 2023 A/C TT: 4402.1hr. Hobbs: 4402.1hr. Landing Cycles: 4763 2 of 3
 C/W - 1 Year/400hr. - **Daher TBM MSB 70-118 Amdt. 2, Flap Lubrication.** C/W MSB 70-118 Amdt. 2 by cleaning and lubricating the flap actuator rods. Next Inspection Due: August 2024/4802.1hrs.

Paul A. Cotrufo
 Paul A. Cotrufo AP2775553 For Medical Air, Inc

N228CH S/N: 356 August 24, 2023 A/C TT: 4402.1hr. Hobbs: 4402.1hr. Landing Cycles: 4763 3 of 3
 - C/W - 1 Year - Visual Inspection of Placards in zones 200,300,500,600 and 700, no defects noted at this time.
 - C/W - 1 Year - Inspection/Operational Test of Gaseous Oxygen System in reference to Daher TBM Maintenance Manual, P/N: DAMAMMPXEE0R49, Chapter 35-00-00-501. Ops checked good, no defects noted at this time.
 - C/W - 1 Year - Inspect and Disinfect Passenger Oxygen Masks in reference to Daher TBM Maintenance Manual, P/N: DAMAMMPXEE0R49, Chapter 35-21-10-301.
 - C/W - 1 Year - Inspect Gaseous Oxygen Cylinder for tightness, corrosion, distortion and attachment. No defects noted at this time. Hydrostatic test due: March 2027.
 - C/W - 1 Year - Inspection of Under Floor & Emergency Exit Drain Holes in reference to Daher TBM Maintenance Manual, P/N: DAMAMMPXEE0R49, Chapter 53-20-00-601.
 - Complied with (C/W) - 1 Year - Check Spoiler and Aileron Cable Tensions in reference to Daher TBM Maintenance Manual, P/N: DMAMMPXEE0R49, Chapter 27-10-00-501. Tensions were within limits.
 - C/W - 1 Year - Check Rudder Cable Tensions in reference to Daher TBM Maintenance Manual, P/N: DMAMMPXEE0R49, Chapter 27-20-00-501. Tensions were within limits.
 - C/W - 1 Year - Check Elevator Trim Cable Tensions in reference to Daher TBM Maintenance Manual, P/N: DMAMMPXEE0R49, Chapter 27-30-00-501. Elevator trim cable tension within limits.
 - C/W - 1 Year - Inspection of B35, B36, B37 Cables for condition with no defects noted, IAW Daher TBM Maintenance Manual, P/N: DMAMMPXEE0R49, Chapter 22-10-04-301.
 - C/W - 1 Year - B35, B36, B37 Cable Tensions. All cables tensions checked IAW Daher TBM Maintenance Manual, P/N: DMAMMPXEE0R49, Chapter 22-11-03-501. No defects noted.
 - AD2023-11-12 Emergency Exit Trim Panel Gripping Strap Modification has been found to not be applicable due to aircraft S/N. No further action required.
 - C/W - 1 Year/400hr. - **Daher TBM MSB 70-118 Amdt. 2, Flap Actuator Free Play Check** by checking left and right flap actuator free play with tool P/N: T700A2799001030. Found both flap actuators within limits.
 Next Inspection Due: August 2024/4802.1hrs.

(Continued next page)

N228CH S/N: 356 August 24, 2023 A/C TT: 4402.1hr. Hobbs: 4402.1hr. Landing Cycles: 4763 1 of 3

- **Complied with (C/W) – 1 Year - Lead Acid Battery Capacity Check.** Removed main aircraft battery P/N: RG380E44, S/N: 70019637 and installed a new Concorde battery P/N: RG380E44, S/N: 70024864 (in accordance with) IAW DAHER Maintenance Manual, P/N: DMAMMPXEE0R49, section 24-30-04, pages 401-403. Ground power function check good.
- **C/W – 1 Year - Clean Outflow Valve Seat** in reference to Daher TBM Maintenance Manual, P/N: DAMAMMPXEE0R49, Chapter 21-30-02-701.
- **C/W – 1 Year - Clean Safety Valve Seat** in reference to Daher TBM Maintenance Manual, P/N: DAMAMMPXEE0R49, Chapter 21-30-03-701.
- **C/W – 1 Year - Inspection of Fire Extinguisher** in accordance with (IAW) Daher TBM Maintenance Manual, P/N: DAMAMMPXEE0R49, Chapter 26-20-01-601. Inspected no defects noted at this time. P/N: C352, S/N: G40530944. Wt.: 4lbs. 9.3oz.
- **C/W – 1 Year - Inspect and Clean Water Separator Filter** in reference to Daher TBM Maintenance Manual, P/N: DAMAMMPXEE0R49, Chapter 30-10-04-601.
- **C/W – 1 Year - Lubricate Left, Right & Nose Landing Gear Axles** in reference to Daher TBM Maintenance Manual, P/N: DAMAMMPXEE0R49, Chapter 12-21-05-301.
- **C/W – 1 Year - Check Left and Right Landing Gear Shock-Absorber Inflation Pressure** in reference to Daher TBM Maintenance Manual, P/N: DMAMMPXEE0R49, Chapter 12-14-02-301.
- **C/W – 1 Year - Check Nose Landing Gear Shock-Absorber Inflation Pressure** in reference to Daher TBM Maintenance Manual, P/N: DMAMMPXEE0R49, Chapter 12-14-02-301.


Jeremy A. Greene AP3666293 for Medical Air Inc.

N228CH S/N: 356 August 24, 2023 A/C TT: 4402.1hr. Hobbs: 4402.1hr. Landing Cycles: 4763 2 of 3

- Inspected ELT IAW FAR 91.207 (d) and 406 Artex ICA Doc. 570-5001, Rv. A with test set P/N: 453-1000, S/N: 0E015ELJ0138. No defects noted at this time. **Battery due: August 2024.**
- **Complied with (C/W) – 1 Year – Protection of External Movable Parts** in reference to Daher TBM Maintenance Manual, P/N: DAMAMMPXEE0R49, Chapter 12-21-04-301.
- Evacuated VCS refrigerant. Recovered 2.97 lbs. Removed A301 HPU Compressor/Condenser Assy., P/N: 11-92364-1, S/N: 0168. Installed Repaired A301, P/N: 11-92364-1 (6080407223), S/N: 0059, with new O-rings: P/N: 24-13410, 24-13406. HPU repaired by SECAN on 3 Aug 2023, WO 5103851. Removal and installation per DAHER MM R49, 21-55-08, p.401-405. Serviced system with 2.97lbs of R134a. Air conditioning ops check: o.k.
- **C/W - 1 Year - Check Refrigerant Charge** in reference to Daher TBM Maintenance Manual, P/N: DAMAMMPXEE0R49, Chapter 12-15-03-301. See previous discrepancy.

(Continued next page)

Removed serviceable A300 Controller, P/N: 6054C000-002, S/N: 1124, TT: 4402.1hrs. Hobbs: 4402.1hr. Landing Cycles: 4763
A300 Controller, P/N: 6054C000-002, S/N: 1105, TT: 4276.2hrs. Installed IAW DAHER MM, P/N:Z00.DMAMMPXEEOR49,
section 21-60-02, pages 401-403. Ground ran aircraft, performed an operational test of the temperature control system.
Ops checked good at this time.

David K. Eastwood AP2778982 For Medical Air Inc.

-Removed serviceable MT10 pressure torque transmitter P/N: APTE-438-1000-75D Rev. A, S/N: 8486-6-596 and installed serviceable MT10 pressure torque transmitter P/N: APTE-438-1000-75D Rev. A, S/N: 8458-2-224 using new o-ring P/N: AS3209-213. Installed IAW DAHER-SOCATA MM P/NZ00.DMAMMPXEEOR49, section 77-14-00 pages 401-403. Ground ran aircraft and no leaks detected.

-Replaced Left nose gear door Gimbal P/N: T700A5285008100 and associated shear pins, P/N: 5611273340 and P/N: 5611273441. Performed gear swing to confirm rigging and no defects found.

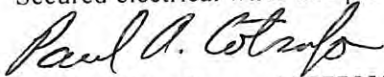
Jeremy A. Greene AP3666293 For Medical Air Inc.

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July 6, 2023 N228CH S/N: 356 Aircraft TT: 4395.2 hrs. Landing cycles: 4748

Complied with **SIL 70-010** Replacement of Air Cycle System **Venturi Pipe**, P/N: Zoo.N785005005 by installation of Kit no. OPT70 K108-21, JUL 06 Amdt 2-Nov. 07. and venturi pipe P/N: T700F215000300000. Ref. MOD70-0215-21.

Removed Air Cycle heat exchanger. Relocated S205 pressure switch to location described in Kit Technical Instructions. Installed new venturi pipe with new seals. Reinstalled Air Cycle heat exchanger. Secured electrical wires and pressurization ducts as required. Ground ran, ops check o.k.



Paul A. Cotrufo AP2775553 For Medical Air, Inc

July 6, 2023 N228CH S/N: 356 Aircraft TT: Landing cycles: 4749

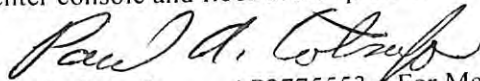
Performed flight check, function of cabin pressurization: normal.

Gordon Kramon ATP



July 12, 2023 N228CH S/N: 356 Aircraft TT: 4397.1 hrs. Landing cycles: 4753

Removed demisting duct, pilot's side. Installed new duct, P/N: T700A212033100. Secured clamps. Reinstalled Center console and floor access panels.



Paul A. Cotrufo AP2775553 For Medical Air, Inc

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N228CH S/N: 356 April 27, 2023 A/C TT: 4364.9hr. Hobbs: 4364.9hr. Landing Cycles: 4696

Replaced Power Control Lever Cable with new cable P/N: T700A7610078000 and new rod ends (2) P/N: T700A7610094000 from Daher. Worked performed and subsequent rigging accomplished IAW DAHER Maintenance Manual ZOO.DMAMMPXEEOR49, section 76-10-02, pages 401-511. Ground ran aircraft and confirmed that rigging was correct. Checked aircraft power parameters from idle to full power and reverse mode. No defects noted, aircraft power lever control is smooth and responds correctly to power lever movements.

Installed new Left glareshield lighting tube, P/N: N7824115310. Operational check good and light works correctly.


Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 May 17, 2023 A/C TT: 4373.4hr. Hobbs: 4373.4hr. Landing Cycles: 4711
ICA- BBLL, C/W the Boom Beam landing light 100hr. inspection IAW LSM-500-045, Rev. B.

C/W RVSM static port height and slope check IAW Socata TBM 700/850 MM section 53-00-00, pg. 601, paragraph 1.B.5-7.

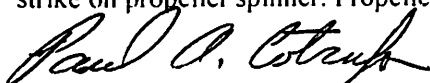

Jeremy A. Greene AP3666293 For Medical Air Inc.

Détails vé:

April 21, 2023 N228CH S/N: 356 Aircraft TT: 4364.7 hrs. Landing cycles: 4695

Particula

- Removed fuel doors, 631, 632, 637, 531, 532, 537. Removed wing fuel drain valves (qty: 2), removed inboard drain valve flanges (Ref. P/N: TB3052115100), (qty: 2). Removed sealant from the left and right wing root fuel bays in the lower area near the sumps and fuel strainers.
- Removed fuel strainers from left and right wing roots. Cleaned strainers and reinstalled with new seals, P/N: 7423060012, 7423370001. Ref. DAHER MM R49, 28-10-06, p.401-403, 601. Safetied reducers. Replaced flexible fuel hoses (left and right) with new hoses, P/N: T700A2820007000.
- Performed visual inspection of left and right wing collector tank check (**flapper**) valves: No defects noted. Applied PRC1422B ½ to fuel bays as needed. Secured drain valve flanges and installed 2 new inboard drain valves, P/N: TB1052050001 with new o-rings, P/N: 7423550073. Reinstalled fuel doors with new gaskets, P/N: N7423210090 (small door), P/N: N7423210089 (large door).
- Replaced fuel door 531 with new, P/N: T700A5240005100 (130mm). Ref. DAHER MM R49, 52-40-01, p. 401-403.
- Serviced aircraft with Jet A+ fuel. No leaks noted.
- Performed Lightning Strike Inspection, Ref. DAHER R49, 05-50-04, p.601-602. Found evidence of lightning strike on propeller spinner. Propeller sent to overhaul facility. See Prop logbooks.



Paul A. Cotrufo AP2775553 For Medical Air, Inc

N228CH S/N: 356 April 21, 2023 A/C TT: 4364.7hr. Hobbs: 4364.7 Landing Cycles: 4695

- Replaced Airframe Fuel Unit filter with new element, P/N: 402C14-1, N6007707270, per DAHER MM DMAMMPXEEOR49, Section 28-20-01, pages 301-303. No leaks noted.
- Serviced Heat Exchanger/Cooling Turbine Pack (ACM) IAW DAHER MM section 21-50-15, page 301. Ground operated after servicing with no leaks noted.
- Removed propeller and sent out for inspection due to lighting strike. Reinstall propeller after overhaul by H&H Propeller see WO #26095. Installed using new bolts IAW Hartzell Propeller Manual No.149, Rev 29 dated October 2022 section 61-00-49, 3-9 thru 3-11.



Jeremy A. Greene AP3666293 for Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N228CH S/N: 356 February 7, 2023 A/C TT: 4336.1hr. Hobbs: 4336.1 Landing Cycles: 4663

- D: - Installed new large door cable P/N: T700B526004110000 and (1) new door pulley P/N: MS24566-1B.
IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEEOR48, section 52-11-02 pages 401-410.
D: Door operation performed and no defects noted.

Jeremy A. Greene AP3666293 For Medical Air Inc.

March 16, 2023 N228CH S/N: 356 Aircraft TT: 4348.4 hrs. Landing cycles: 4682

Removed overhead interior panels. Removed GPS antennae, P/N: 013-00235-00, S/N: 79454 & 88189 between Frames C7 and C8.

Installed new GPS antennae, P/N: 013-00235-00 (GA35), S/N: 172450 & 172480. Sealed antennae with PR1422B-1-2.

Replaced rubber grommets for wood grain panel with new, P/N: N7143083018, Qty: 18. Secured interior panels. Checked GPS System Status (G600Tx, GTN 750s), satellite reception: no defects noted.

Paul A. Cotrufo

Paul A. Cotrufo AP2775553 For Medical Air, Inc

March 28, 2023 N228CH S/N: 356 Aircraft TT: 4360.1 hrs. Landing cycles: 4693

Removed pilot's RH Master cylinder, Cleveland P/N: 10-78A. Installed new Master Cylinder, Cleveland P/N: 10-78A. Bled RH brake system with MIL-H-5606 fluid. Ground taxi check, o.k. Preceding work

Accomplished per DAHER MM R49, Section 32-40-04(1)(2), 32-40-03(1, A, B).

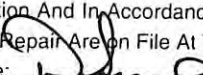
Paul A. Cotrufo

Paul A. Cotrufo AP2775553 For Medical Air, Inc

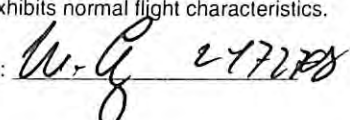
SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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Pg. 4/4

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of Federal Aviation Administration And In Accordance With EASA 145.A.50 And Is Approved For Return To Service For the Work Performed. Permanent Records Of The Repair Are on File At This Repair Station Under W.O. # 7701,
Date : 10/03/2022 Signature:  Darren SEAGO
CRS # URZR891L / EASA. 145.5152

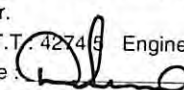
Required function test flight in accordance with manufacturer's specifications and the flight manual has been accomplished. Aircraft exhibits normal flight characteristics.

Signature: 

Flight Test

I certify that this Aircraft/Engine/Propeller/Appliance has been inspected/repared in accordance with "C +" inspection per Socata MM & Far 43 and IAW EASA-145 and determine to be in Airworthy condition. Pertinent details on file under W.O # 7701 and copy given to customer.

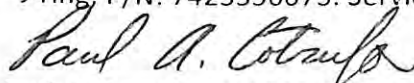
Aircraft T.T : 4274.6 Engine T.T : 3988.6 Prop T.T : 3172.5

Signature:  Date : 10/03/2022

CRS # URZR891L / EASA 145.5152

November 10, 2022 N228CH S/N: 356 Acft TT: 4300.3 hrs. Landing cycles: 4606

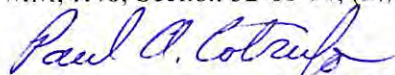
Defueled left wing. Removed wing service door 532. Removed tank sealant as needed and replaced one insert, P/N: 7394810850. Applied PRC sealant PR1422B1-2-2-5 as needed to tank ring and inserts. Installed fuel door 532 with new gasket, P/N: 7423210090. Torqued screws. Preceding work accomplished per DAHER MM R48, Section 52-40-01, p.401-406. Installed fuel sump drain with new o-ring, P/N: 7423550073. Serviced aircraft (left wing only) with 50 gallons JetA-1 Prist+. No leaks noted.



Paul A. Cotrufo AP2775553 For Medical Air, Inc

N228CH**S/N: 356****January 5, 2023****Aircraft TT: 4322.6 hrs.****Landing cycles: 4639**

Replaced stairway cable with new part, P/N: T700B526004310200. Adjusted stairway assembly per DAHER MM, R48, Section 52-60-00, (2), p. 501. Secured turnbuckles and reinstalled access cover.



Paul A. Cotrufo AP2775553 For Medical Air, Inc

Pg. 3/4

- Removed defective ELT switch, P/n: 345-6196-04, S/n: unreadable and replaced with new switch, P/n: 345-6196-04, S/n: 393836-037. verified switch for proper operation. All work performed IAW TBM AMM Chapter 25-61-04(BA) and Artex Description, Operation, Installation and Maintenance Manual P/N: 570-5001 Rev. M.
- Removed and replaced two leaking dome nuts, P/n: NAS1474C3 located under the right wing center leading edge. All work performed IAW TBM AMM, Chapter 28-10-05, 30-10-01 and 52-40-01. Fueled right wing and performed leak check as required with no defects being noted.
- Performed adjustment to aileron and spoiler cable tensions as required for proper rigging. Performed travel checks with no further defects being noted. All work performed IAW TBM AMM, Chapter 27-10-00.
- Removed worn left bushings on left main gear and replaced with new bushings on the left torque link assembly, P/n: 22571-000-01EB and removed and replaced bushings, P/n: 22572-000-01 on the right main gear torque link, P/n: 22571-000-01EB. Removed and replaced all bushings, P/n: 22571-000-01EB and 22572-000-01 on the nose gear torque link. All work performed IAW TBM CMM, Chapter 32-11-02.
- Removed bent left and right flap guides and rails, P/n's: T700A5755051100, T700A5755051102, T700A5755051103, T700A57550515100. painted and installed new left and right flap guides and rails, P/n's: T700A5755051100, T700A5755051102, T700A5755051103, T700A57550515100. All work performed IAW TBM AMM, Chapter 57-50-00. Reinstalled flaps and performed operational check with no further defects being noted.
- Removed and replaced two rivets on rear upper fuselage below vertical stab. All work performed IAW TBM AMM, Chapters 20-40-00 and 51-40-00.
- Removed deteriorated and torn insulation from the engine pressurization line and the water separator and installed new insulation, P/n: 4314503015 and tape, P/n: 4364600631 IAW TBM AMM, Chapter 21-50-04.
- Removed and properly installed standby generator ground bolt and safetied as required IAW TBM AMM, Chapter 24-30-05. Performed operational check with no further defects being noted at this time.
- Removed and replaced engine control cable clamps P/n: 7141381053, and P/n: 7141381009 with new, IAW TBM AMM, Chapters 76-10-02, 76-10-03, 76-10-04, and 76-10-05.
- Removed and replaced condition control cable clamps on engine side, P/n's: 7141381053 and 7141381009 IAW TBM AMM, Chapters 76-10-02 and 76-10-04.
- Removed left main landing gear, P/n: D23767000, S/n: B166, disassembled and replaced worn seals with new, seal p/n 427-33800 B330C, new anti-extrusion rings p/n's 21412-000-00 and 21899-000-00, new scraper ring, p/n 798 994 200 and new o-rings p/n's M83461-1-235 and M83461-1-227 as to alleviate leakage. Reassembled left main gear and reinstalled. performed service, leak and operational checks with no defects being noted. All work performed referencing TBM AMM, Chapter's 12-10-01, 12-13-03, 12-14-01 and TBM CMM, Chapters 32-11-01.
- Removed right main landing gear, P/n: D23768000, S/n: B169, disassembled and replaced worn seals with new, seal p/n 427-33800 B330C, new anti-extrusion rings p/n's 21412-000-00 and 21899-000-00, new scraper ring, p/n 798 994 200 and new o-rings p/n's M83461-1-235 and M83461-1-227 as to alleviate leakage. Reassembled left main gear and reinstalled. performed service, leak and operational checks with no defects being noted. All work performed referencing TBM AMM, Chapter's 12-10-01, 12-13-03, 12-14-01 and TBM CMM, Chapters 32-11-01.
- Replaced damaged connectors and pins at rear of PL13 panel as to allow for proper operation. All work performed IAW TBM AMM, Chapters 20-00-00 and 30-00-01.
- Removed and replaced faulty propeller de-ice harnesses, P/n: 3E2383-4 as to allow for proper operation of the propeller de-ice system. All work performed IAW Hartzel CMM 180, Chapter 30-61-80. Performed operational check with no further defects being noted.
- Removed several leaking rivets on left and right upper and lower wing surfaces. Gained access and cleaned old sealant from interior wing surfaces as required. Installed new rivets with CS3204-B2 sealant and replaced sealant as removed from interior of fuel cavities. Reinstalled fuel panels with new gaskets, P/n: 4-21-012723 and 4-21-012724 with new fasteners, P/n: MS24694-S48. All work performed IAW TBM AMM, Chapters 20-30-01 and 51-40-00. Serviced aircraft with fuel and performed leak checks as required with no further leakage being noted at this time. Prepped and applied touch up paint to affected areas IAW TBM AMM, Chapter 51-25-02.
- Performed inspection of 14 yrs. life limited hoses with no discrepancies being noted at this time.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

1

Pg. 2/4

- C/W SB 70-118 Amdt.1- Cleaned, inspected, lubricated flap actuator rods and checked play between drive nuts and flap internal actuator rods found to be within limit.
- C/W SB 70-279-35- Removed Pilots and Co-pilots MRA005 crew oxygen mask, S/N's left, 1827 and right, 1826. Modified left and right interior panels and plumbing IAW OPT70K27900 instructions. Installed new MC10-02-123 smart mike crew oxygen masks, left s/n: B182250 and right B182254. Serviced system and performed leak and operational check as required with no defects being noted at this time.
- C/W SB 70-224, Ref. MOD70-0359-71 Ver.B. Inertial separator actuator. Installed kit No. OPT70K151-71 IAW Technical Instruction of Modification No. OPT70K151-71. Removed Inertial separator actuator, P/n: 148600, S/n: B95215 and installed a new inertial separator actuator, P/n: JA3372-1000-2 OPT70K15100, S/n: 000513. Performed operational check with no defects being noted.
- AD 2021-25-10 Oil Cooler Air Induction Duct does not apply to this aircraft due to the current part number installed. No further action required.
- AD 2021-24-13 Has been found to not be applicable due to aircraft S/n. No further action required.
- C/W Instruction for Continued Airworthiness, P/n: 190-00355-00 Rev G performed for GDL 69A, S/n: 5P0000359 version 4.02.00. Visual inspection and ground test IAW Table 4-1 performed and found satisfactory. Performed 10 year electrical bonding check and reconditioned contact point of mounting rack to aircraft structure. Verified resistance values are normal.
- C/W Instruction for Continued Airworthiness, P/n: 190-00734-11 Rev 8 performed for GTX345, S/n: 3EG005400 Software Version 2.54 and GTX330ES, S/n: 84113021 Software Version 8.04. Visual inspection and operational check performed and found satisfactory.
- C/W Instruction for Continued Airworthiness, P/n: 190-01007-A1 Rev 12 performed for GTN 750, P/n: 011-02282-00, S/n: 1ZA0022626 & 1ZA022604 Main Software version 6.72. Visual inspection and operational check performed and found satisfactory.
- C/W Instruction for Continued Airworthiness, P/n: 190-01717-B1 Rev 7 performed for GARMIN G600 TXI System GDU1060, S/n: 3M4000811 version 3.41, GSU75, S/n: 4E4000414 AHRS version 2.09 ADC version 2.08, GAD43E, S/n: 1V7051708 version 2.31. Visual inspection and operational check performed and found satisfactory.
- C/W Instruction for Continued Airworthiness, P/n: 190-01938-00 Rev 11 performed for GFC600 Autopilot System GMC 605 S/n: 38H201212, GSA 87 Roll, S/n: 4JM003967, GSA 87, Pitch S/n: 4JM004032, GSA 87, Yaw S/n: 4JM004005, GSA 87, Pitch Trim S/n: 4JM004133, GTA 82, S/n: 1A2001712. Visual inspection and ground operational check performed and found satisfactory.
- C/W Garmin SB1854 Rev B GWX70 Software updated to version 2.60, SB2141 Rev B GTN750 Software updated to Main version 6.72, SB22038 Rev A G600TXI Software updated to Main version 3.41, SB22050 Rev A GTX345 Software updated to Main version 2.70 and ADSB version 3.40, SB1734 Rev B GTX330ES Software updated to version 8.04.
- C/W Mid-Continent SB MD302-09 MD302 Software updated to version 1.1.2.
- Removed wing fuel access panels 537 and 637. Removed corroded left and right outbd fuel drain valves and cleaned wing skin area as required. Installed new left and right outbd fuel drains, P/n: TB1052050001 and flange assemblies, P/n: TB3052115100 with new orings, P/n: R7-21A7. All work performed IAW TBM AMM, Chapter 28-10-01. Reinstalled fuel panels and performed leak checks with no further defects being noted.
- Removed damaged left elevator assembly, P/n: T700A5520004002, S/n: SC349, Removed and replaced center bearing bracket, P/n: T700A5510025000 as to alleviate cause of damage to elevator. Painted, balanced and installed repaired elevator assembly, P/n: T700A5520004002, TB64 after performance of the 1200 hrs. fibroscopic structural inspection. Removed and replaced elevator inbd trailing edge with new, P/n: T700A5520060000 due to gap exceedance. Performed rig and travel checks as required with no further chaffing being noted at this time. All work performed IAW TBM AMM, Chapters 51-25-02, 51-60-00 and 55-20-00.
- Removed and replaced collapsed distribution ducts, P/n's: T700A2120033101, T700A2120062100, T700A2120033102 and T700A2120032105 as to allow for proper airflow to the windscreen and right window vent. All work performed IAW TBM AMM, Chapter 21-20-00. Performed operational check with no further defects being noted.
- Removed and replaced frayed main cabin door cable, P/n: T700B5260041100 as to allow for proper operation. All work performed IAW TBM AMM, Chapter 52-11-00. Performed operational check with no further defects being noted.
- Replaced nose gear bonding strap with new P/N T700A2470032002 IAW TBM AMM, Chapter 24-70-00.
- Replaced corroded hardware with new on right elevator trim mechanism IAW TBM AMM, Chapter 27-30-00. performed operational check of the elevator trim system with no defects being noted.



FAA CRS # URZR891L / EASA.145.5152

Daher Aircraft, Inc.
601 NE 10th Street
Pompano Beach, FL 33060

Date : 10/03/2022

Serial Number : 356

Registration : N228CH

Aircraft type : TBM 700

Meter Time: 4274.5 Hobbs

Time Since New : 4274.5

Cycle Since New : 4582

Work Order : 7701

-
- Pg. 1/4
 - Performed a Standard Program - C+/ Annual inspection IAW TBM Maintenance manual chapters 05-20-04/05-20-05. 14 CFR 91-409(a)(1) and Part 43 Appendix D.
 - Removed Artex C406-1 ELT, P/n: 453-5002-999, S/n: 12937 Recertified ELT s/n 12937 IAW Artex C406-1 installation and maintenance manual and FAR 91.207(d). Beacon ID 2DC743FDE6FFBFF. Reinstalled ELT reference TBM maintenance manual chapter 25-61-01. Performed operational test of ELT system with no defects being noted. Battery, P/n: 452-0133, S/n: 381768-026, expires 08/2024. Reference Socata maintenance manual chapter 25-61-01. Inspected, tested and re-verified for proper operation after reinstallation.
 - C/W 3 yrs. Replacement of Silicone fluid in Shimmy Damper in reference to TBM CMM, Chapter's 32-22-01 and 12-13-01.
 - C/W 3 yrs. Replacement of Hyd. Fluid (5606) in landing gear system in reference to TBM AMM, Chapter 12-13-05. Performed landing gear operational check IAW TBM AMM, Chapter 32-00-00 with no discrepancies being noted.
 - C/W 3 yrs. Replacement of Hyd. Fluid (5606) in brake reservoir in reference to TBM AMM, Chapter 12-13-01. Performed leak and operational check in reference to TBM AMM, Chapter 32-40-00 with no discrepancies being noted at this time.
 - C/W 5 yrs. long life program inspection (to include 1 yrs.) on landing gears: Nose P/n: D23766000, S/n: B169, L/H P/n: D23767000, S/n: B166, R/H P/n: D23768000, S/n: B169. All work performed IAW TBM AMM, Chapters 32-00-00, 12-14-01 and 12-14-02. (See below for corrective actions.)
 - C/W 10 yrs./ 5000hr. overhaul of left main and right landing gear actuators by the replacement of the left actuator, P/n: VSTS083560, S/n: 10044 and installed a new customer supplied actuator P/n: VSTS083560, S/n: 5627 Amend. C. Removed right main actuator, P/n: VSTS083560, S/n: 11173 and installed a customer supplied overhauled actuator, P/n: VSTS083560, S/n: 5629 Amend. C. Verified for proper rigging and serviced hydraulic fluid. Performed functional checks as required. All work performed IAW TBM AMM, Chapters 32-30-00, 32-30-01 and 32-30-02 with no defects being noted at this time.
 - C/W 10/ 5 yrs. Structural fatigue and corrosion inspection of the vertical stabilizer (Removed) and rudder structure IAW TBM AMM Chapter's 55-30-00-604, 55-30-00 and 55-40-00 with no discrepancies being noted at this time. Vertical and rudder reinstalled at completion. Performed operational and travel checks as required. Next inspection due 10/2027 or 7274.5 hrs.
 - C/W 14/ 8 yrs. Upper Fuselage Structural inspection for fatigue and corrosion IAW TBM Maintenance manual chapter 53-00-00-601, Par.4. Found satisfactory, no defects noted. Next inspection due 10/2030 or 7274.5 hrs.
 - C/W 14/ 8 yrs. Horizontal Stabilizers Structural inspection for fatigue and corrosion IAW TBM Maintenance manual chapter 55-10-00-601, Par.2. Found satisfactory with no defects noted. Next inspection due 10/2030 or 7274.5 hrs.
 - C/W 14/ 8 yrs. Left and Right Wings Structural inspection for fatigue and corrosion IAW TBM Maintenance manual chapter 57-00-00-601. Found satisfactory with no defects noted. Next inspection due 10/2030 or 7274.5 hrs.
 - C/W 3500 hrs. replacement of the propeller overspeed governor, Removed P/n: A210632, S/n: 17135156 and installed overhauled propeller governor, P/n: A210632, s/n: 2486117 IAW TBM AMM, Chapter 61-20-01. Performed leak and operational check with no defects being noted at this time.

AERONEF - AIRCRAFT

1. Marques de nationalité
et d'immatriculation :

N228CH

1. Nationality and
Registration Marks

2. Classification Catégorie : See Airworthiness Certificate
Catégorie :

2. Classification Annotations - Mentions d'emploi : None
Subdivision :

3. Type de l'aéronef : SOCATA - TBM 700
3. Aircraft type :

N° de série : 356
Serial No

4. Construction par : SOCATA

4. Maker, place and date of construction :

le MAY 03 2006
on

à TARBES
at

Livret établi à TARBES le 10 Avril 2006
Log Book established at on
(Place and Date)

SOCATA
DIRECTION QUALITE
QUALITY DIRECTOR



Signature et Cachet
Stamp and Signature

N228CH LOGBOOK #1

N228CH

LIVRET D'AÉRONEF
AIRCRAFT LOG BOOK

N228CH S/N: 356 July 21, 2022 A/C TT: 4269.3hr. Hobbs: 4269.3hr. Landing Cycles: 4573

Removed **Left** wheel assembly, disassembled, cleaned, visually inspected and not defects noted. Reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 20150270 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen. Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR48, section 32-40-01, pages 401-408.


Jeremy A. Greene AP3666293 For Medical Air Inc.

This log book closed on 9/13/2022.

All future entries should be placed in Volume 2 from this date forward.

 **DAHER**

Darren Seago

Director of Quality Control

Airplane Business Unit

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates AC Model: TBM700
AC Hours: 4.259.7
AC Cycles: 4.558

AC Registration: N228CH
AC Serial: 356

Signature TECHNICAir
1030 PTI Drive
Greensboro, NC 27409



: l'entretien
nce motive

Dates Logbook: Airframe

Work Order: A15-66518
Entry Date: June 02, 2022

LOGBOOK ENTRY

Inspection Items

05-00-00

Complied with 91.411/91.413 RSVM Inspection in accordance with Socata TBM 850 Maintenance Manual 34-11-00, 53-00-00, and Garmin G600 TXI Maintenance Manual 190-01717-B1 Rev 7 with Laversab 6300 Tool # A204 SN 75412 Cal Due 28/FEB/2022 and IFR 6000 Tool # A089 SN 104004502 Cal Due 30/AUG/2022. No defects noted at this time.

I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed:
GSU-75B S/N 4E4000414 Date: 6/02/2022 tested to 35,000 feet.
AM-250 S/N 051002890 Date: 6/02/2022 tested to 35,000 feet.
SAM MD-302 S/N J18-10028 Date: 6/02/2022 tested to 35,000 feet.
Slby S/N 447160 Date: 6/02/2022 tested to 35,000 feet.
Altitude reporting system tested to 35,000 feet.

I certify the transponder(s):

(#1) Make: Garmin Model: GTX-345 S/N 3EG005400

(#2) Make: Garmin Model: GTX-330 S/N 84113021

has been tested and inspected and found to comply with the requirements of F.A.R. 91.413.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station, under work order number:
A15-66518.

Signed:

for Signature TECHNICAir
CRS#: EWGR752D

Page 1 of 1

N228CH S/N: 356 July 14, 2022 A/C TT: 4268.0hr. Hobbs: 4268.0 Landing Cycles: 4573

- Removed main aircraft battery P/N: RG380E44, S/N: 41022781 and installed a new Concorde battery P/N: RG380E44, S/N: 70019637 IAW DAHER-SOCATA Maintenance Manual P/N: Z00.DMAMMPXEE0R48, section 24-30-04 pages 401-403. Ground power function check good.

Jeremy A. Greene AP3666293 For Medical Air Inc.

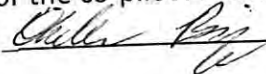
N228CH S/N: 356 March 23, 2022 A/C TT: 4234.5hr. Hobbs: 4234.5hr. Landing Cycles: 4515

Removed Left serviceable wheel and tire assembly, wheel S/N: 1928 with tire, S/N: 71682269.
Reinstalled wheel P/N: 40-434, S/N: 1233 after overhaul by Boeing Distribution, Inc. Crown Point, IN
FAA #LQ5R024N under WO #2000448185, dated March 15, 2022. Reassembled with previous serviceable
Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 93212124 and o-rings, (1) P/N: MS28775-261 and
(2) M83461/1-145. Torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed
wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen. Worked performed
IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR48, section 32-40-01, pages 401-408.


Jeremy A. Greene AP3666293 For Medical Air Inc.



4/6/2022 N228CH

Resoldered the connections for the co-pilot ANR headset plug. Ops check satisfactory.
Charles Baize A&P 3576846 

N228CH S/N: 356 May 23, 2022 A/C TT: 4255.7hr. Hobbs: 4255.7hr. Landing Cycles: 4550

Removed Shadin ETM Integral Processor Unit P/N: 913200-301211C7, S/N: 1022 and installed repaired unit
P/N: 913200-301211C7, S/N: 630. Ground power check C/W and unit functions properly at this time.

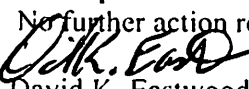

Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 January 17, 2022 A/C TT: 4221.3hr. Hobbs: 4221.3hr. Landing Cycles: 4493

- AD 2021-23-12 Transport and Commuter Category Airplanes is not applicable because the TBM is certificated under Part 23 as a Normal Category aircraft. Moreover, prohibited operations covered by this AD do not include CAT 1 ILS approaches. Supporting documentation, TBM SI.2022-002. No further action required.

- Complied with AD 2021-24-13 Daher Cabin Pressure Control System, not applicable by aircraft serial number. No further action required.

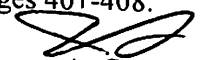
- Complied with AD 2021-25-10 Daher Oil Cooler Air Induction Duct, not applicable, SB70-231-79 Revision 1 not installed. No further action required.


David K. Eastwood AP2778982 for Medical Air Inc.

N228CH S/N: 356 March 8, 2022 A/C TT: 4227.2hr. Hobbs: 4227.2hr. Landing Cycles: 4504

Removed **Right** wheel and tire. Reinstalled same wheel P/N: 4-434, S/N: 1220 after overhaul by Boeing Distribution, Inc. Crown Point, IN FAA #LQ5R024N under WO #2000446870, dated March 4, 2022. Reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 10780012 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 125 psi.

Removed **Left** main wheel assembly for overhaul. Installed serviceable wheel and tire assembly, wheel S/N: 1928 with tire, S/N: 71682269. **This wheel and tire assembly has 224.5hr. TT, and 268 landing cycles.** Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR48, section 32-40-01, pages 401-408.


Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH

S/N: ³⁵⁶~~336~~ 

March 8, 2022

Aircraft TT: 4227.2 hrs.

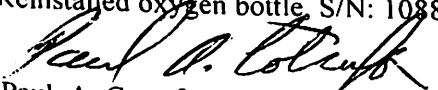
Landing cycles: 4504

Removed oxygen bottle, P/N: 2213-6519, S/N: 1088. Inspection and hydrostatic test, 26.293C, performed by Aerospace Turbine Rotables, Wichita, KS., NV2R045L on 4 March 2022. W.O. WO178474.

Bottle S/N: 1088 total time: 610.4 hrs. Hydrostat test next due: **March 2027.**

Oxygen bottle service life expires: **February 2033.**

Reinstalled oxygen bottle, S/N: 1088. Serviced with oxygen. No leaks noted.


Paul A. Cotrufo

AP2775553 For Medical Air, Inc

Détails vé

August 25, 2021 **N228CH** **S/N: 356** **Hobbs: 4178.8 hrs** **Landing cycles: 4423**

Performed operational check flight. No defects noted.

Particula



Chuck Elkins ATP 3313706

N228CH**S/N: 356****September 23, 2021****Aircraft TT: 4187.2 hrs.****Landing cycles: 4440**

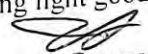
Removed Garmin GTP59 OAT probe, P/N: 011-00978-00, S/N: 47939752. Installed new GTP59 OAT probe, P/N: 011-00978-00, S/N: 47964619. Reinstalled Left Outboard de-ice boot. Ground operation of OAT and de-ice boot: o.k.



Paul A. Cotrufo AP2775553 For Medical Air, Inc

N228CH **S/N: 356** **October 12, 2021** **A/C TT: 4195.1hr.** **Hobbs: 4195.1hr.** **Landing Cycles: 4453**

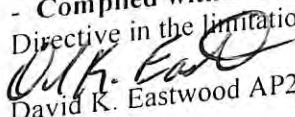
Removed **Left landing light bulb/starter** P/N: LSM-SCD-009-1, S/N: 65121 and installed new bulb P/N: LSM-SCD-009-1, S/N: 66802, adjusted per LSM-500-045, Rev. B. 10-26-11. Operational checkout of the landing light good.



Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH **S/N: 356** **January 03, 2022** **A/C TT: 4217.3 hr.** **Hobbs: 4217.3hr.** **Landing Cycles: 4487**

- Complied with AD 2021-23-12 Transport and Commuter Category Airplanes by incorporating a copy of this Airworthiness Directive in the limitations section of the Aircraft Flight Manual.



David K. Eastwood AP2778982 for Medical Air Inc.

Dates

N228CH S/N: 356

Acft TT: 4178.1 hrs

Hobbs: 4178.1 hrs

Landing cycles: 4421

Engine Gas Gen. TSOH: 376.8 hrs

Engine Power Section TSOH: 376.8 hrs

Dates

August 24, 2021Propeller TSOH: 954.2 hrs

- Inspected ELT IAW FAR 91.207 (d) and 406ME Artex ICA Doc. 570-100. Rev.A, with test set P/N 453-1000, S/N: DE015E LJ 0138. No defects. Battery due: **August , 2024.**

Complied With:

C/W 12 Month Main Battery Cap. Test. No defects noted.

C/W 12 Month/ 5 year check of fire extinguisher by replacing fire extinguisher with new, P/N: C352, S/N: G-40530944

C/W 12 Month cleaning of Outflow and Safety Valve seats.

C/W 12 Month Propeller Assembly inspection. See prop logbook.

C/W 12 Month Propeller lubrication. Performed by H&H Propeller. See propeller logbook.

C/W 12 Month ICA Boom Beam landing lights by visual inspection: no defects noted.

C/W 12 Month ICA GDL-69A IAW Doc# 190-00355-00. No defects.

C/W 12 Month check of spoiler and aileron cable tensions: found within limits.

C/W 12 Month visual inspectoin of oxygen system components: no defects noted.

C/W 12 Month visual inspection and free flow of air in the Emergency exit drain: no defects noted.

C/W 12 Month check of rudder cable tensions: found within limits.

C/W 12 Month check of elevator trim cable tensions: found within limits.

C/W 12 Month visual inspection of placards in areas 200,300,500,600,700: no defects noted.

C/W 12 Month check of gaseous oxygen cylinder tightness: no defects noted.

C/W 12 Month check of landing gear shock absorber inflation pressure: pressure normal.

C/W 12 Month passenger oxygen mask cleaning and inspection.

C/W 12 Month crew oxygen mask test:ok

C/W 12 Month Long Life Inspection: Right main landing gear, P/N: P/N:D23768000, S/N: /B169, Left Main landing gear P/N:D23767000, S/N: B166, Nose landing gear, P/N: D23766000, S/N: 169, IAW Daher Maintenance Manual R48Chapter 32-00-00, 12-13-04, 12-14-01 and 12-14-03- No defects noted.

C/W GFC-600 ICA Maintenance Manual, P/N: 190-01938-00, 12 Month visual, aural, and Trim Disconnect: No defects noted.

C/W RVSM 12 Month Static Port Slope Check IAW DAHER Maintenance Manual R48, 53-00-00-601(1.B 1-10). No defects noted.

C/W a post Inspection flight. See following pilot's log entry.

I certify that this aircraft has been inspected in accordance with a DAHER A+ **Annual** Inspection and is approved for return to service.

Paul A. Cotrufo

IA2775553

3 of 3

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

August 24, 2021 N228CH S/N: 356 Acraft TT: 4178.1 hrs Landing cycles: 4421

Removed propeller. Reinstalled Propeller, P/N: HC-E4N-3, S/N: HH4419 after reseal by H&H
 Propeller, #PS4R451M. W.O. 24968, Aug 17, 2021. Installed per Hartzell Owners Manual 149, Rev. 28, June 2021, Section 51-00-49, with new o-ring supplied by H&H.
 Replaced propeller de-ice brush block with new, P/N: 3E2044-4, S/N: N1825338.
 Replaced left and right brake wear linings, P/N: 109-01500 and left & right brake rotors with new P/N: 159-02700.
 Secured brakes to aircraft.
 Replaced left main landing gear Down switch, P/N: T700A3230050910, check ball, P/N: N7072780004, right main Down switch, P/N: T700A3230050910 and check ball, P/N: N7072780004. Adjusted L&R down switches per DAHER R48, 32-30-06, p. 501-505. Operated landing gear, ops check o.k.
 Replaced heater duct with new, P/N: T700A2120032105.
 Serviced oxygen system with Aviators Breathing Oxygen as needed.
 Replaced left, outboard, leading edge de-ice boot with new, P/N: T700A301001200100.
 Removed main cabin door motor S/N: TB1166-R, replaced with repaired motor, P/N: T700B521000101400, S/N: TB1030-R, per R48, 52-11-02, p. 407-408.
 C/W 12 Month Flap roller lubrication. Lubricated flap rollers and secured
 C/W 12 Month lubrication of wheel bearings and axles.
 C/W 3 year replacement of shimmy dampener fluid with PSF-1 silicone fluid Secured shimmy dampener.
 C/W 12 Month vapor cycle cooling system charge check: normal.
 C/W 12 Month water separator filter cleaning


 Jeremy A Greene AF3666293

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SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Temps de vol depuis

N228CH

S/N: 356

August 24, 2021

Hobbs: 4178.1 hrs.

Engine GG TSOH: 376.8 hrs

Landing cycles: 4421

A/C TT: 4178.1 hrs.

Engine PS TSOH: 376.8 hrs

Prop TSOH: 954.2 hrs.

-Complied with SB70-118 Flap Actuator Free play and lubrication. L&R flaps free play within limits.

-Lubricated flap jackscrews.

-Replaced DME antenna with new, P/N: C1105-14, S/N: 17243.

- **Complied with (C/W) - 4 year/1500hour - Fuel Strainers Inspection** Checked fuel strainers for cleanliness and condition in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R48, Chapter 28-10-06-401&601.

No defects noted.

- **Complied with (C/W) - 4 year/1500hour - Flapper Valves Inspection** Checked flapper valves for condition in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R48, Chapter 28-10-00-601. No defects noted. Resealed fuel door 531 with PR1422B-1/2. Resealed fuel door 631 with gasket, P/N 7423210090.

- Drained Right fuel tank, removed access panel No. 651, cleaned, and resealed the removed panel with new gasket, P/N: 7423210090. Refueled, no leaks at this time.

- Removed radome, P/N: 4906-100, S/N: 127. Reinstalled radome after repair by Poly-Fiber Enterprises, Inc., Cert. #: YXPR750X, WO#: 33771-1, dated August 6, 2021 in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R48, Chapter 34-42-01 pages 401-403.

- Disconnected battery, removed cover from A1 Electrical Power Center. Installed new CL3 PC board, P/N: N7128251628, S/N: 0783 in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R48, Chapter 24-30-02 pages 403-409. Reinstalled cover. Reconnected battery, grd. ran, adjusted voltage in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R48, Chapter 24-30-00 page 501. Ops checked within limits at this time.



David K. Eastwood AP2778982 for Medical Air, Inc

1 of 3

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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N228CH S/N: 356 May 25, 2021 A/C TT: 4153.7hr. Hobbs: 4153.7hr. Landing Cycles: 4379

Removed Shadin OAT probe P/N: 681201, S/N: 12704 and installed new probe P/N: 681201, S/N: 12706. Installed IAW Shadin Avionics manual P/N: IM1201, Rev C dated 2-14-05. Ground operational check good.

JA
Jeremy A. Greene AP3666293 For Medical Air Inc.

June 1, 2021 N228CH S/N: 356 Acft TT: 4160.8 hrs. Landing cycles: 4387

Removed GDL69A, P/N: 011-00987-00, S/N: 47763430. Installed new GDL69A, P/N: 010-01294-15, S/N: 5P0000359 from Garmin Intl, Cert. P3742CE, 21 May 2021, W.O. 190734027. Activated XM service. SXM ID: G2T97D8C. Ground check, o.k.

Paul A. Cotrufo
Paul A. Cotrufo AP2775553 For Medical Air, Inc

June 4, 2021 N228CH S/N: 356 Acft TT: 4162.1 hrs. Landing cycles: 4389

-Removed stall warning Lift Transducer, P/N: 799-5, S/N: 358. Installed serviceable Lift Transducer, P/N: 799-13, S/N: 158440-05, removed from TBM700, MSN: 1033. Component TSN: 540.8. Removed by Columbia Air Services, Groton, CT. FAA CRS SO5R204N, on 10/29/2018. W.O. AWO-16-3858. Ground functional check of stall vane and stall heat: o.k. Preceding work performed per DAHER R48, Section 34-11-07, p.401-403, p. 501(1)A, B.

Paul A. Cotrufo
Paul A. Cotrufo AP2775553 For Medical Air, Inc

June 7, 2021 N228CH S/N: 356 Hobbs: 4162.6 Landing cycles: 4390

Performed In-Flight Test of S60 Stall Warning Detector per R48, Section 34-11-07, p.501(2). Stall warning within specified range.

Ryan Vernier
Ryan Vernier ATP3330233

Date: N228CH S/N: 356 April 29, 2021 A/C TT: 4144.8hr. Hobbs: 4144.8hr. Landing Cycles: 4363
 Oil Cooler 2100hr Overhaul Performed. Removed P/N: L8538233, S/N: 05H-047 and installed
 Date: P/N: L8538233, S/N: 08K-093 using new orings P/N: MS28778-12 (1) and MS28778-16 (1). Cooler overhauled by
 Pacific Oil Cooler Services, Inc. FAA Cert #RF3R813L, under WO # 144687, dated April 13, 2021. Work
 performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR48, section 79-20-01,
 pages 401-402. Ground ran aircraft and no leaks detected.


 Jeremy A. Greene AP3666293 For Medical Air Inc.

A/C Model : Socata TBM700
 Aircraft Time : 4,152.40
 A/C Hour Meter :
 Landings : 4,376.00

A/C Re : N228CH
 Work C : A15-64979
 A/C Se : 356

SIGNATURE
 **TECHNICAIR**
 Aircraft Maintenance
 A BBA Aviation company

1030 PTI Drive
 Greensboro, NC 27409
 P: 800-334-2001 | F: 336-668-4434

Log Book : Airframe

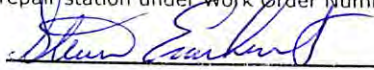
Date : 5/20/2021

Routine Maintenance

34-00-00 Complied with compass swing in accordance with TBM MM task 34-23-01 P501 with Barfield SC063
 Sight Compass PN: 101-01200 SN: 1699 calibration date: 05/05/2020. Operational check good.
 No defects noted at this time.

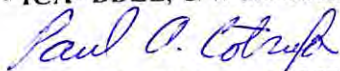
34-00-00 Troubleshooting observed NEXRAD data slow to acquire on PFD, GTN #1 and GTN #2. Removed #2 GTN
 750 PN: 011-02282--00 SN: 1ZA022604 and installed Overhauled GTN 750 PN: 011-02282--00
 SN: 1ZA027152 from Garmin International on work order 15420745 at FAA CRS G6XR582Y on
 12/FEB/2021. Operational check observed NEXRAD data continued to be slow. Opened circuit
 breakers to GTN #1 and #2 and observed NEXRAD data quickly acquired on the PFD G600 TXI.
 Removed Overhauled GTN 750 PN: 011-02282--00 SN: 1ZA027152 and reinstalled original #2
 GTN 750 PN: 011-02282--00 SN: 1ZA022604. Operational check good except for noted NEXRAD
 data issues. Garmin Technical Support suggests installation of the update version of the GD-69A. All
 work completed in accordance with Garmin GTN750 System Maintenance Manual 190-01007-A1
 Rev. 12.

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: A15-64979

Signed:  for Signature TechnicAir. CRS#: EWGR752D

N228CH**S/N: 356****March 3, 2021****Hobbs: 4117.2 hrs Aircraft TT: 4117.2 hrs****Landing cycles: 4321**

- Complied with **SB70-118, Amndt 1**, Flap Actuator by checking play using Gage procedure Paragraph A. Right side flap actuator play within limits. Left side flap actuator play beyond limits of 9(b) . Complied with Para. A10 by replacing with new nut kit, P/N: 7247230001, left Inboard, per Paragraph B. with new screws. Accomplished SB Instructions A11(a). Gage side B cannot be inserted. Cleaned and lubricated Actuator. Flaps , ops check o.k. Next Inspection due: **4317.2 hrs or Annual.**
- Complied with **SC #26** Standby Generator Brushes by removing stdby Gen. brush holder assembly and replacing with new assembly, P/N: ALU3045BS. Secured wires and cooling duct. Ops check, o.k.
- Replaced airframe fuel filter with new filter P/N: 6007707270. Installed using new o-rings P/N: 6071017253 (1) and 7423800088 (2) IAW DAHER-SOCATA Maintenance Manual R48, section 28-20-01 pages 301-303. Pressure tested and no leaks detected.
- **ICA- BBLL**, C/W the Boom Beam landing light 100hr. inspection IAW LSM-500-045, Rev. B. No defects.



Paul A. Cotrufo AP2775553 For Medical Air, Inc

N228CH S/N: 356**March 3, 2021****A/C TT: 4117.2hrs.****Hobbs: 4117.2hrs.****Landing Cycles: 4321**

- **Removed Starter/Generator**, P/N: 8012F, S/N: 369 for 600hr. **Carbon Brush Check.** Checked brushes and found one set of brushes worn beyond limits. Installed a new set of carbon brush assemblies (8) P/N: 408768B1 and new washers (8) P/N: V0590404. Installed brushes IAW Thales Avionics SB 8012-24-004, dated December 18, 2003. Reinstalled same starter/generator IAW DAHER Maintenance Manual, P/N: DMAMMPXEE0R48, section 24-30-03, pages 402-405 using new O-ring, P/N: M83248/1-113. Ground ran and operational checkout good. No leaks detected at this time.


 Jeremy A. Greene AP3666293 for Medical Air Inc.
N228CH S/N: 356 April 23, 2021 A/C TT: 4142.2hr. Hobbs: 4142.2hr. Landing Cycles: 4359

- Removed **Left** wheel assembly, disassembled, cleaned, visually inspected and not defects noted. Reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 93212124 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 125 psi. Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR48, section 32-40-01, pages 401-408.

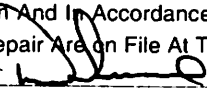

 Jeremy A. Greene

AP3666293

For Medical Air Inc.

Pg. 2/2

- Performed weight and balance calculation to incorporate the above removals and installations and inserted revised data into AFMS as required in accordance with AC 43.13-1B chapter 10 and TBM AMM, Chapter 08.10.00.
- A functional test of the above systems has been performed for proper operation and did not adversely affect any other aircraft systems nor do any existing systems adversely affect the above systems.
- All aircraft flight manual supplements referenced for the above listed installations have been inserted into the flight manual as required.
- This data has been filed and recorded under work order 7245 at Repair Station URZR891L.

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of Federal Aviation Administration And In Accordance With EASA 145.A.50 And Is Approved For Return To Service For the Work Performed. Permanent Records Of The Repair Are On File At This Repair Station Under W.O. # 7245.
 Date : 02/02/2021 Signature:  Darren SEAGO
 CRS # URZR891L / EASA. 145.5152

~~February 10, 2021 N227CH S/N: 334 Acft TT: 4012.9 hrs. Landing cycles.~~ *Incorrect A/c*

~~Removed left inboard fuel drain valve and detueled left wing. Removed fuel door 537, Left outboard and valve housing. Removed sealant as needed. Installed new drain valve housing, P/N: TB30 Engineering N. ASE 034 2019 AL. Reinstalled both drain valves with new o-rings, P/N: 7423210089 with new gasket, P/N: 7423210089 per R47, 52-40-01, p.402. J. A. Positive. No leaks noted.~~ *Entered incorrectly*

February 11, 2021 N228CH S/N: 356 Acft TT: 4108.9 hrs. Landing cycles: 4307

- Removed left rear seat and cabin furnishings to access B26 cabin door motor. Removed door motor assembly and cable. Installed repaired motor/cable assembly, P/N: T700B521000101400, S/N: TB1166-R, repaired by Compagnie DAHER Cert. no. FR.145.0081, on 14, May 2020, W.O. 909939. Ops check o.k. Reinstalled cabin furnishings and left rear passenger seat. Preceding work accomplished per R47, Section 52-11-02, p. 401,402.
- Replaced bonding strap on right main gear torque link with new, P/N: N6028207283 per CMM, Section 32-11-02, p. 706, 1016. Applied mastic sealant as needed.


 Paul A. Cotrufo AP2775553 For Medical Air, Inc



FAA CRS # URZR891L / EASA.145.5152

Daher Aircraft, Inc.
601 NE 10th Street
Pompano Beach, FL 33060

Date : 02/02/2021

Serial Number : 356

Registration : N228CH

Aircraft type : TBM 700

Meter Time: 4101.8 Hobbs

Time Since New : 4101.8

Cycle Since New : 4299

Work Order : 7245

- Pg. 1/2
- The GFC600 Automatic Flight Control system has been installed in accordance with STC AML GARMIN FAA approved SA01844WI last date amended October 30, 2020. Reference: Master drawing list: 005-01009-01 Rev. 33, dated 12/31/2020.

STC Documents Referenced for Installation:

Equipment List, GFC600 Automatic Flight Control System Installation, Part 23 AML STC, P/n: 005-01009-05, Rev. 23 dated: 09/30/2020.

GFC 600 Automatic Flight Control System Part 23 AML STC Installation Manual, P/n: 190-01937-00, Rev. 18 dated: 08/31/2020.

GFC 600 Install Manual Addendum, TBM 700/700N, P/n: 190-01937-08, Rev. 4 dated: 04/30/2020.

GFC 600 Flight Manual Supplement, P/n: 190-02011-08, Rev. 1 dated: 05/31/2020.

GFC 600 Maintenance Manual (Includes ICA requirements), P/n: 190-01938-00, Rev. 8 dated: 09/30/2020.

GFC600, Parts Removed:

Flight Computer, P/n: 065-0064-08, S/n: 2761, Model: KCP 220

Mode Controller, P/n: 065-0086-08, S/n: 2775, Model: KMC 321

Trim Servo, P/n: 065-0061-50, S/n: 49240, Model: KS272A

Pitch Servo, P/n: 065-0059-23, S/n: 29630, Model: KS 270A

Yaw Servo, P/n: 065-0060-00, S/n: 36110, Model: KS271A

Roll Servo, P/n: 065-0060-01, S/n: 44118, Model: KS271A

Air Data Comp. P/n: 065-0085-02, S/n: 2627, Model: KDC222

Aural Alerter, P/n: 071-1466-00, S/n: 2607, Model: KAA 15

GFC600, Parts Installed:

GMC 605, P/n: 010-1075-02, S/n: 38H21212

GSA 87 Roll Servo, P/n: 010-01469-00, S/n: 4JM003967

GSA 87 Pitch Servo, P/n: 010-01469-00, S/n: 4JM004032

GSA 87 Yaw Servo, P/n: 010-01469-00, S/n: 4JM004005

GSA 87 Elev. Trim Servo, P/n: 010-01469-00, S/n: 4JM004133

GTA 82, P/n: 010-00334-20, S/n: 1A20011712

KA 33, P/n: 071-4037-01, S/n: N/A

- The G600 TXI PFD/MFD system was previously installed in accordance with STC AML GARMIN FAA approved SA02571SE, last date amended December 5, 2018; June 25, 2019. Reference: Master drawing list: 005-00795-C2 Rev. 10, dated 03/06/2020.

Optional equipment installed at this shop visit:

Installed optional GCU 485, P/n: 010-01350-04, S/n: 3QR400974 IAW STC SA02571SE Instructions.

Date **N228CH S/N: 356 December 16, 2020 A/C TT: 4089.8hr. Hobbs: 4089.8hr. Landing Cycles: 4281**

Removed **Right** wheel assembly, disassembled, cleaned, visually inspected and no defects noted. Reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 90252142 and o-rings, (1) P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 130 psi. Work performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR47, section 32-40-01, pages 401-408.

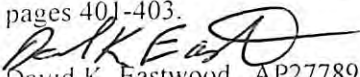

Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 October 2, 2020 A/C TT: 4058.4hr. Hobbs: 4058.4hr. Landing Cycles: 4229

- Removed oxygen bottle/regulator assembly, P/N: 2213-6519, S/N: 949, with 947.2hrs. total time. Installed serviceable oxygen bottle/regulator assembly, P/N: 2213-6519, S/N: 1088 with 441.6hrs. total time. **Hyrostatic test due: February 2023.**

Cylinder service life expires: February 2033. Serviced oxygen system to proper pressure, no leaks at this time.

Work completed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEE0R47, Sept. 18, section 35-11-01, pages 401-403.


David K. Eastwood AP2778982 for Medical Air Inc.

A/C Model : Socata TBM700
Aircraft Time : 4,083.80
A/C Hour Meter :
Landings : 4,272.00

A/C Reg # : N228CH
Work Order # A15-64302
A/C Ser # : 356

 **SIGNATURE**
TECHNICAIR™
Aircraft Maintenance
A BBA Aviation company

1030 PTI Drive
Greensboro, NC 27409
P: 800-334-2001 | F: 336-668-4434

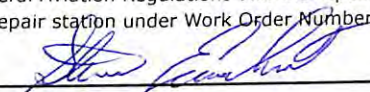
Log Book : Airframe

Date : 12/3/2020

Service Bulletins

1322 Rev B Research found Garmin SB 1996 not applicable to this installation. Performed Garmin SOFTWARE SERVICE BULLETIN NO.: 1322 Rev B dated August 21, 2013 per Garmin Tech Support. Updated GDL-69A software from 3.40 to 4.02 in accordance with Garmin Service Bulletin 1322 Rev. B, August 21, 2013. Operational check good. No defects noted at this time.

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: A15-64302

Signed:  for Signature TechnicAir. CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N228CH S/N: 356 July 1, 2020 A/C TT: 4031.4hr. Hobbs: 4031.4hr. Landing Cycles: 4191 3 of 3 continued

I Special Inspection Items

- C/W 1 Year Long Life Program Inspection on Right Main Landing Gear, P/N: D23768000, S/N: B169, Left Main Landing Gear, P/N: D23767000, S/N: B166, and Nose Landing Gear, P/N: D23766000, S/N: 169 IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DMAMMPXEE0R47, Chapter 32-00-00, 12-13-03, 12-13-04, 12-14-01 and 12-14-02. No defects noted.
- 53-00-00-601 C/W Static Port Slope Check IAW Socata TBM 700 MM section 53-00-00, pg. 601, paragraph 1.B.5-10. No defects found.
- ICA- BBLL C/W the Boom Beam landing light 100hr. Inspection IAW LSM-500-045, Rev. B. No defects noted at this time.
- 1 Year- Performed Operational and Visual test of Aveo PosiStrobe MiniMax Flashing Beacons IAW Aveo PosiStrobe Installation Manual Rev. A., paragraph 7. Operational check normal.
- ICA-GDL-69A C/W 12 month inspection of GDL 69/69A satellite radio SA01487SE IAW Doc#: 190-00355-00, Rev. G, dated February 2020. No defects noted at this time.

I certify this Aircraft has been inspected in accordance with (IAW) a "B+" Annual Inspection per Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, and is approved for return to service.

David K. Eastwood

David K. Eastwood IA2778982 for Medical Air Inc.

July 1, 2020 N228CH S/N: 356 Aircraft TT: 4031.9hr. Landing Cycles: 4192

Performed operational check flight. No defects noted at this time. Ref. FAR 91.407 (b).

Gordon P. Kramon
Gordon P. Kramon ATP2210903

N228CH S/N: 356 September 3, 2020 A/C TT: 4049.3hr. Hobbs: 4049.3hr. Landing Cycles: 4214

- Removed rear evaporator, bled air conditioner system freon into recovery tank. Removed L15 Solenoid valve. Disassembled, found core and spring had been previously removed. Reassembled valve, reinstalled valve. Stamped evaporator case Amdt "C". Reinstalled evaporator. Serviced system with 2.97 lbs. of R134 using Robinair Service Machine 34288. Replenished with 1/4 oz. of Miles Syn 68 refrigerant oil. Preceding work accomplished in accordance with DAHER -SOCATA SB 70-173, reference MOD70-0257-21. A/C system ops checked good at this time.

David K. Eastwood

David K. Eastwood AP2778982 for Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

93

N228CH S/N: 356 July 1, 2020 A/C TT: 4031.4hr. Hobbs: 4031.4hr. Landing Cycles: 4191 2 of 3

Special Inspection Items

- Complied with (C/W) - 1 Year - Check Spoiler and Aileron Cable Tensions in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DMAMMPXEE0R47, Chapter 27-10-00-501. Tensions were within limits.
- C/W - 1 Year - Check Rudder Cable Tensions in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DMAMMPXEE0R47, Chapter 27-20-00-501. Tensions were within limits.
- C/W - 1 Year - Check Elevator Trim Cable Tensions in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DMAMMPXEE0R47, Chapter 27-30-00-501. Elevator trim cable tension below min. Adjusted and safetied cable tensions IAW P/N: Z00.DMAMMPXEE0R47, Chapter 27-30-00, pages 504, 505, 516 and 517.

Maintenance Items

- Replaced 2 overhead lamps, P/N: L640-21W-028. Reinstalled overhead panel, Lights, ops check o.k..

Paul A. Cotrufo
Paul A Cotrufo AP2775553 for Medical Air Inc

N228CH S/N: 356 July 1, 2020 A/C TT: 4031.4hr. Hobbs: 4031.4hr. Landing Cycles: 4191 3 of 3

Special Inspection Items

- C/W - 1 Year - Oxygen System Component & Lines Inspection in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47 Chapter 35-00-00-501.
- C/W - 1 Year - Clean Outflow Valve Seat in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 21-30-02-701.
- C/W - 1 Year - Clean Safety Valve Seat in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 21-30-03-701.
- C/W - 1 Year - Inspection of Fire Extinguisher in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 26-20-01-601. Inspected no defects noted at this time. Wt.: 4 lbs., 10.7oz.
- C/W - 1 Year - Inspection and Cleaning of Cockpit Oxygen Masks in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 35-10-02-601.
- C/W - 1 Year - Inspect and Clean Passenger Oxygen Mask Boxes in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 35-20-02-601.
- C/W - 1 Year - Inspect and Disinfect Passenger Oxygen Masks in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 35-21-10-301.
- C/W - 1 Year - Inspection of Under Floor & Emergency Exit Drain Holes in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 53-20-00-601.
- C/W - 1 Year - Inspect Left, Right and Nose Landing Gear in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 32-00-00-601.
- C/W - 1 Year - Inspect Left & Right Main Landing Gear Wheels & Bearings for Corrosion in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 05-20-05.
- C/W - 1 Year - Inspect Nose Wheel Bearings for Condition and Corrosion in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 05-20-05.

(Continued next page)

Special Inspection Items

- Complied with (C/W) - 1 Year - Protection of External Movable Parts in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 12-21-04-301.
- C/W - 1 Year Lead Acid Battery Check Removed main aircraft battery P/N: RG380E44, S/N: 40798347 and installed a new Concorde battery P/N: RG380E44, S/N: 41022781 IAW DAHER-SOCATA Maintenance Manual P/N: Z00.DMAMMPXEE0R47, section 24-30-04, pages 401-403. Ground power function check good.
- C/W - 1 Year - Check Refrigerant Charge in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 12-15-03-301.
- C/W - 1 Year - Inspect and Clean Water Separator Filter in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 30-10-04-601.
- C/W - 1 Year - Lubricate Left, Right & Nose Landing Gear Axles in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 12-21-05-301.
- C/W - 1 Year - Clean Left & Right Main Landing Gear Wheel Bearings in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 32-40-01-601 & 12-21-05-301.
- C/W - 1 Year - Lubricate Left & Right Main Landing Gear Wheel Bearings in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 12-21-05-301.
- C/W - 1 Year - Clean Nose Wheel Bearings in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 32-40-02-601 & 12-21-05-301.
- C/W - 1 Year - Lubricate Nose Wheel Bearings in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 12-21-05-301.
- C/W - 1 Year - Check Left and Right Landing Gear Shock-Absorber Inflation Pressure in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DMAMMPXEE0R47, Chapter 12-14-02-301.
- C/W - 1 Year - Check Nose Landing Gear Shock-Absorber Inflation Pressure in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DMAMMPXEE0R47, Chapter 12-14-02-301.
- Complied with (C/W) Socata TBM 700 SB 70-118 Amdt. 1, Flap Lubrication. C/W SB 70-118 Amdt. 1 by cleaning and lubricating the flap actuator rods.

Maintenance Items

- Removed Nose wheel assembly, P/N: 40-262AA, S/N: 1842 due to 1000 cycle overhaul due. Installed overhauled nose wheel assembly after 1000 cycle overhaul. Installed overhauled wheel P/N: 40-262AA, S/N: 1779 and new nose tire P/N: 071-311-0, S/N: 7140S00166 after overhaul from Aviall Services, Atlanta GA FAA cert #LV52029N under work order #2000334598 dated August 19, 2019. New wheel bearings installed during overhaul, lubed and assembled nose wheel assembly using new O-ring, torqued wheel halves, balanced wheel and tire assembly. Serviced with nitrogen and secured nose wheel assembly to aircraft. Work performed IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R47, section 32-40-01, pages 401-408.
- Removed broken vent tube on Right landing gear actuator and replaced with new tubing, P/N: N7824340001.
- Installed new copilot's brake master cylinder's top brake line from firewall to "T" fitting, P/N: T700A3240000110. Installed new copilot's brake master cylinder's top brake lines, P/N: T700A3240000112. Bled brake system with new MIL5606 brake fluid as required. No leaks detected. Work performed IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R47, section 32-40-03, pages 301-304.

Jeremy A. Greene AP3666293 for Medical Air Inc.

(Continued next page)

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

92

Encoding Altimeter, FAR 91411 Complied with Encoding Altimeter, FAR91411 with RVSM in accordance with Garmin G600 TXI Maintenance Manual 190-01717-B1 Rev. 3 with Laversab 6300 SN: 75412 and IFR 6000 SN: 1000685362. No defects noted at this time.
I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91411 have been performed.
GSU-75B SN: 4E4000414 Date: 6/15/2020 tested to 35,000 feet.

ice

ler

Air data system tightness test Performed Air Data System tightness test and check associated instruments in accordance with Socata TBM700 Maintenance Manual section 34-11-00. Operational check good. No defects noted at this time.

VMO Warning ground operational test. Performed VMO Warning ground operational test in accordance with Socata TBM700 Maintenance Manual section 34-11-06. Operational check good. No defects noted at this time.

RVSM 24-Month Pitot Static Check Complied with RVSM 24-Month Pitot Static Check in accordance with Socata TBM700 Maintenance Manual section 34-11-00 and Garmin G600 TXI Maintenance Manual 190-01717-B1 Rev. 3. Operational check good. No defects noted at this time.

RVSM 24-Month Air Data Computer Check Complied with Air Data System adjustment/test in accordance with Socata TBM700 Maintenance Manual section 34-11-00 and Garmin G600 TXI Maintenance Manual 190-01717-B1 Rev. 3. Operational check good. No defects noted at this time.

SC#100 ELT operational test Complied with SC#100 C/W ELT operational test (ref. 25-6140-601, 25-61401-501 and 00-10-00).
Performed inspection and test of Emergency Locator Transmitter PN: 453-5002 SN: 12937 battery expiration date AUG/2024 in accordance with FAR 91.207(d). Operational test good. No defects noted at this time.

SC# 64 Complied with SC 64 by checking B35, B36 and B37 cables for condition with no defects noted.

SC# 65 Complied with SC 65 by checking cable tensions on B35, B36 and B37 servos. Tensions set as follows, Yaw - 43 lbs. : Pitch - 21 lbs. : Roll - 20 lbs. Work done as per TBM 850 maintenance manual 22-11-03. Operational checks good.

SC# 66 Complied with SC# 64 Check servo act. B35, B36, B37, and B38 clutch friction torques in accordance with TBM 850 Maintenance Manual 22-11-00. Operational check good. No defects noted at this time.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. - Pertinent details of the repair are on file at this repair station, under work order number: A15-63667.

Signed:



for Signature TECHNICAir, CRS#: EWGR752D

A/C Model: TBM700
 Aircraft Time: 4,031.10
 A/C Hour Meter:
 Landings: 4190

A/C Reg #: N228CH
 Work Order #: A15-63667
 A/C Serial #: 356

 **SIGNATURE**
TECHNICAIR™
 Aircraft Maintenance
 A BBA Aviation company

1030 PTI Drive
 Greensboro, NC 27409
 P: 800.334.2001 | F: 336.668.4434

Logbook: Airframe

Date: 6/17/2020

Complied with:

**Transponder Control
 Operational Test - 91413**

Complied with Transponder Control Operational Test with Laversab6300 SN: 75412 and IFR 6000 SN: 1000685362. No defects noted at this time.

I certify the transponder(s)

(#1) Make: Garmin Model: GTX-345 S/N: 3EG005400

(#2) Make: Garmin Model: GTX-330 S/N: 84113021

has been tested and inspected and found to comply with the requirements of F.A.R. 91413.

91.411 & 91.413.

Complied with IFR Equipment Operational Test - 91.411 & 91.413 with Laversab 6300 SN: 75412 and IFR 6000 SN: 1000685362. No defects noted at this time.

I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed.

GSU-75B S/N: 4E4000414 Date: 6/15/2020 tested to 35,000 feet.

AM-250 S/N: 05100289D Date: 6/15/2020 tested to 35,000 feet.

SAM MD-302 S/N: J18-10028 Date: 6/15/2020 tested to 35,000 feet.

Stby S/N:447160 Date: 6/15/2020 tested to 35,000 feet.

Altitude reporting system tested to 35,000 feet.

I certify the transponder(s)

(#1) Make: Garmin Model: GTX-345 S/N: 3EG005400

(#2) Make: Garmin Model: GTX-330 S/N: 84113021

has been tested and inspected and found to comply with the requirements of F.A.R. 91.413.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

91

N228CH S/N: 356 May 27, 2020 A/C TT: 4028.8hr. Hobbs: 4028.8hr. Landing Cycles: 4185

- Replaced accessory case, breather hose with new hose P/N: T700A717000111200.
- Replaced propeller control rod end with new parts, P/N: N7747535751 (rod end ball end), T700A7610060100 (stop washer), N7235530124 (prop cable rod end), N5303945239 (rod end nut). Ground ops check ok.
- Replaced accessory drive pulley with new pulley P/N: T700A2430081100. Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR47, section 24-30-06, pages 401-402. Ground ran aircraft and operational check of the G2 alternator performed without any discrepancies.

JA
Jeremy A. Greene AP3666293 For Medical Air Inc.

May 21, 2020 N228CH S/N: 356 Acft TT: 4028.8 hrs. Landing cycles: 4185

-Repaired cabin step mechanism by replacing: axle, P/N: T700B526004410000. Secured axle and pulley with new screw, P/N: 5150624066. Adjusted and tested stairway mechanism per R47, 52-60-00, p.501, 2A,B. Ops check o.k.
-Removed wing service doors 655, 651, and 551. Removed sealant from nutsert areas at fuel doors 655 and 551. Replaced one nutsert, P/N: 7394810850, at door 551. Applied PRC 1422b1/2 to internal door areas 655 and 551. Installed fuel doors with new gaskets, P/N: 7423210089 and 7423210090. Torqued hardware. Repair performed per DAHER Maintenance Manual R47, 52-40-01. Serviced aircraft with JetA-1+. No leaks noted.

Paul A. Cotrufo
Paul A. Cotrufo AP2775553 For Medical Air, Inc

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

 Pratt & Whitney A United Technologies Company		Pratt & Whitney Engine Services, Inc. 1527 Midway Park Road Bridgeport, WV 26330 FAA CRS # L2QR166Y	
ACFT. TYPE: TBM 850	ACFT. S/N: 356	ACFT. TTSN: 4,023.7	HOUR METER: 4,023.7
	N #: N228CH	ACFT. TCSN: 4,174	
ENG. MODEL: PT6A-66D	ENG S/N: PCE-RV0009	ENG. TTSN: See Below	ENG. TCSN: See Below
		ENG. TSO: See Below	ENG. CSO: See Below

Page 1 of 1

ENGINE ASSY:

Gas Generator: TTSN: 3,737.8 TCSN: 4,047 TSO: 222.4 CSO: 287
 Power Section: TTSN: 3,642.8 TCSN: 3,930 TSO: 222.4 CSO: 287

Medical Air Inc. Requested MRT Support to remove Rental Engine S/N PCE-RV0211 and install their repaired Engine S/N: PCE-RV0009. Removed Rental Engine S/N: PCE-RV0211 from N228CH in serviceable condition. Removed the customers Airframe QEC Components from ESN: PCE-RV0211 and Installed them on the Customers Repaired Engine S/N PCE-RV0009.

Installed the Customers Repaired Engine, S/N: PCE-RV0009 on N228CH, S/N 356 with new packings, seals, gaskets and hardware as required. The Engine was serviced with 12 qts of AeroShell Turbine Oil 560 and then performed rigging, leak checks and ground performance runs with satisfactory results. A visual inspection was performed of the remainder of the areas accessed with no defects noted at this time.

All work performed in accordance with PT6A-66D Maintenance Manual, part number 3070902, Revision # 18.1, dated Jul 27/2017 and Daher Socata TBM 700A,B,C, & 850 Maintenance Manual, P/N Z00.DMAMMPXEE0R47, dated Sep 18 and/or applicable Service Bulletins.

With respect to the work performed above, this engine has been inspected in accordance with current regulations of the Federal Aviation Administration. Pertinent details of the work performed are on file at this agency under Sales Order: 217211

Date: 27 Apr 2020 Approved Inspector: *Phil B. Briggs* 

Export Classification: ZECCN 9A101.a.
 Date: 04/27/2020 Badge: E-PW647539

RSCF GEN-041 (Apr 13) Page 1 of 1

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

90

N228CH S/N: 356 February 21, 2020 A/C TT: 4005.0hr. Hobbs: 4005.0hr. Landing Cycles: 4148 2 of 2

- Complied with DAHER SB70-118 Amend 1, Flap Actuator Free Play Check, by checking left and right flap actuator free play with tool P/N: T700A2799001030. Found left and right flap actuator nuts within limits. Next Inspection due at: 4205.0hr. TT.
- ICA- BBL C/W the Boom Beam landing light 100hr. Inspection IAW LSM-500-045, Rev. B.
- 53-00-00-601 C/W RVSM Static Port Slope Check IAW DAHER-SOCATA Maintenance Manual Z00.DAMAMMPXEE0R47, section 53-00-00, pg. 601, paragraph 1.B.1-10. No defects found at this time.

I certify this Aircraft has been inspected in accordance with (IAW) a Daher-Socata "A" Inspection using Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, and is approved for return to service.

David K. Eastwood
David K. Eastwood AP2778982 for Medical Air Inc.

March 11, 2020 N228CH S/N: 356 Acft TT: 4013.7 hrs. Landing cycles: 4158

Replaced one deice harness with new Hartzell harness, P/N: 106278. Installation in accordance with Hartzell Manual 180, 30-61-80, 11DU-1 to 19. Ops check: o.k.

Paul A. Cotrufo
Paul A. Cotrufo AP2775553 For Medical Air, Inc

N228CH S/N: 356 April 27, 2020 A/C TT: 4023.7 hr. Hobbs: 4023.7hr. Landing Cycles: 4174

- Installed new G2 alternator pulley, P/N: T700A2430085100 per Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, section 24-30-05, pages 402-405. Ops checked good at this time.

David K. Eastwood
David K. Eastwood AP2778982 for Medical Air Inc.

N228CH S/N: 356 April 27, 2020 A/C TT: 4023.7 hr. Hobbs: 4023.7hr. Landing Cycles: 4174

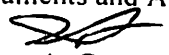
- Installed new G2 alternator belt, P/N: N7133601787 per Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, section 24-30-05, pages 501-503. Ops checked good at this time.

David K. Eastwood
David K. Eastwood AP2778982 for Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N228CH S/N: 356 January 23, 2020 A/C TT: 3975.6hr. Hobbs: 3975.6hr. Landing Cycles: 4112

Removed battery in the MD302, Standby Attitude Module. Removed battery P/N: 9017177, S/N: H18-10143 and installed a new battery P/N: 9017177, S/N: M19-10770 MFG date 12-19. Work performed IAW Mid -Continent Instruments and Avionics Manual #9017782, Rev. M dated April 25, 2019. Operational check good.


Jeremy A. Greene AP3666293 For Medical Air Inc.

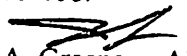
N228CH S/N: 356 February 10, 2020 A/C TT: 3993.6hr. Hobbs: 3993.6hr. Landing Cycles: 4134

Removed Left wheel assembly, disassembled, cleaned, visually inspected and not defects noted. Reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 90252058 and o-rings.

(1)P/N: MS28775-261 and (2) M83461/I-145. Installed using same nuts and torqued wheel halves to 320 in. lbs.

Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 125 psi.

Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR47, section 32-40-01, pages 401-408.


Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 February 21, 2020 A/C TT: 4005.0hr. Hobbs: 4005.0hr. Landing Cycles: 4148 1 of 2

- Complied with DAHER SB70-118 Amend. 1, Flap Actuator Lubrication by cleaning and lubricating flap jackscrews as required. Next Clean/Lube due: 4205.0hr. TT.

- Replaced Left brake wear pads with new pads P/N: 109-01500 (32) and new rivets P/N: 105-00900 (64). Replaced Right brake wear pads with new pads P/N: 109-01500 (32) and new rivets P/N: 105-00900 (64), (See 8130s dated October 3, 2019 for Torque Tube and Pressure Plate NDT). Installed IAW Parker Hannifin CM30-191 component maintenance manual.

- Drained brake reservoir, replaced both mounting gasket washers with new P/N: 7061551012 IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEEOR47, section 32-40-07, pages 401-402. Serviced brake reservoir with 5606 hydraulic fluid. Ops checked ok at this time.


Jeremy A. Greene AP 3666293 for Medical Air Inc.

N228CH S/N: 356 January 10, 2020 A/C TT: 3964.3hr. Hobbs: 3964.3hr. Landing Cycles: 4099

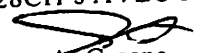
Removed **Right** wheel assembly, disassembled, cleaned, visually inspected and no defects noted. Reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 83182437 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 130 psi.

Work performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR47, section 32-40-01, pages 401-408.


Jeremy A. Greene AP3666293 For Medical Air Inc.

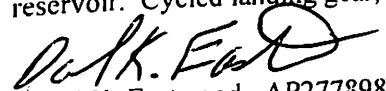
N228CH S/N: 356 January 15, 2020 A/C TT: 3969.3hr. Hobbs: 3969.3hr. Landing Cycles: 4103

Removed top AVEO flashing beacon P/N: AVE-PMMR-12A, S/N: A11-1306-00532 and installed a new beacon P/N: AVE-PMMR-12A, S/N: A18-1611-00703. Sealed mounting holes and base using PRC. Installed IAW N228CH's AVEO PosiStrobe MiniMax Flashing Beacon ICA. Ops check good at this time.


Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 January 21, 2020 A/C TT: 3972.9 hr. Hobbs: 3972.9hr. Landing Cycles: 4107

- Jacked aircraft. Followed Position and Troubleshooting Procedure per Daher-Socata TBM 700C Maintenance Manual, P/N: ZOO.DAMAMMPXEEOR47 32-60-00, figure 102A page 104. Right landing gear LED was illuminated on rear of unit. Inspected up and down limit switches, no defects found. Reset A14 landing gear control unit "RST" knob on rear of unit. Cycled landing gear 3 times, no defects noted. Performed one emergency extension, operation normal. Checked landing gear hydraulic reservoir. Cycled landing gear, operational checked ok at this time. Removed aircraft from jacks.


David K. Eastwood AP2778982 for Medical Air Inc.



Pratt & Whitney

A United Technologies Company

RSCF GEN-041 (1/4/2013)

Pratt & Whitney Engine Services, Inc.

1527 Midway Park Road

Bridgeport, WV 26330

FAA CRS # L2QR166Y

etien
otive

ACFT. TYPE:	ACFT. S/N:	356	ACFT. TTSN:	3962.50	ACFT. TCSN:	4096	ACFT. TTSO:	222.4	ACFT. TCSO:	287	ACFT. TTSN:	228.4	ACFT. TCSN:	194	ACFT. TTSO:	N/A	ACFT. TCSO:	N/A
TBM 850	REG. #:	N228CH	ENG. TTSN:	228.4	ENG. TCSN:	194	ENG. TTSO:	N/A	ENG. TCSO:	N/A	ENG. TTSN:	228.4	ENG. TCSN:	194	ENG. TTSO:	N/A	ENG. TCSO:	N/A
ENG. MODEL:	ENG. SN#	PCE-RV0211	ENG. TTSN:	228.4	ENG. TCSN:	194	ENG. TTSO:	N/A	ENG. TCSO:	N/A	ENG. TTSN:	228.4	ENG. TCSN:	194	ENG. TTSO:	N/A	ENG. TCSO:	N/A
PT6A-66D	PCE-RV0211		ENG. TTSN:	228.4	ENG. TCSN:	194	ENG. TTSO:	N/A	ENG. TCSO:	N/A	ENG. TTSN:	228.4	ENG. TCSN:	194	ENG. TTSO:	N/A	ENG. TCSO:	N/A

Page 1 of 1

Removed Engine Cowling, removed Prop. Removed engine S/N PCE-RV0009 Gas Gen TTSN: 3737.8 TCSN:4047 TTSO: 222.4 TCSO: 287, Power Section TTSN: 3642.8 TCSN: 3930 TTSO: 222.4 TCSO: 287 from aircraft. Removed airframe equipment and installed on rental engine S/N PCE-RV0211 TTSN: 228.4 TCSN: 194. Installed rental engine on aircraft, serviced with BP 2380 engine oil. Installed and safetied Prop, installed engine cowling. Performed satisfactory leak check and ground performance checks.

All work performed in accordance with PT6A-66D Maintenance Manual, part number 3070902, Revision # 18, dated 4/10/2017 and Daher Socata TBM 700A,B,C & 850 Maintenance Manual P/N DMAMMPXE REV 47 and/ or applicable Service Bulletins.

No Technical Data

This aircraft has been inspected/repared in accordance with current regulations of the Federal Aviation Administration and the work performed is approved for return to service. Pertinent details of the work performed are on file at this agency under Sales Order: 216951

DATE: **7-Jan-2020**

Approved Inspector:

Joe Peaslee

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

88

A/C Model : Socata TBM700

Aircraft Time :

A/C Hour Meter : 3,937.00

Landings : 4069AE

A/C Reg # : N228CH

Work Order # S15-62846

A/C Ser # : 356

SIGNATURE
TECHNICAIR™Aircraft Maintenance
A BBA Aviation company

iteur

service

rhauler

Log Book : Airframe

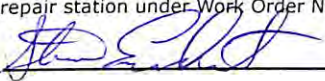
Date : 12/5/2019

1030 PTI Drive
Greensboro, NC 27409
P: 800-334-2001 | F: 336-668-4434**Routine Maintenance**

34-00-00

Removed MD 302 SAM PN: 6420302-1 SN: C18-10045 and installed OVERHAULED MD 302 SAM PN: 6420302-1 SN: J18-10028 from Mid Continent Instruments and Avionics on work order 000362366 from FAA CRS OL2R061L on 12/JUL/2019 in accordance with Installation Manual and Operating Instructions Model MD302 Series Manual Number 9017782 Revision J, August 27, 2015. Performed Pitot and Static leak check in accordance with Socata TBM 700 Maintenance Manual 34-11-00. Operational checks good. No defects noted at this time.

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: S15-62846

Signed:  for Signature TechnicAir. CRS#: EWGR752D

Log Entry 1 of 1

N228CH S/N: 356 January 7, 2020 A/C TT: 3962.5hr. Hobbs: 3962.5hr. Landing Cycles: 4096
Removed low pressure fuel pump, LHC P/N: 1127-02, S/N: 923. Installed new pump P/N: 1127-02 (N6048517292) S/N: 1155 with new gasket. Safetied attach bolts and secured fuel lines. Pressure checked and ground ran with no leaks noted. Work accomplished IAW DAHER-SOCATA MM P/N: Z00.DMAMMPXEE0R47, section 28-20-04, page 401-404.


Jeremy A. Greene AP3666293 For Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

A/C Model : Socata TBM700
Aircraft Time : 3,919.00
A/C Hour Meter : 3,919.00
Landings : 4047 DE

A/C Reg # : N228CH
Work Order # S15-62694
A/C Ser # : 356

SIGNATURE
 **TECHNICAIR**
Aircraft Maintenance
A BBA Aviation company

1030 PTI Drive
Greensboro, NC 27409
P: 800-334-2001 | F: 336-668-4434

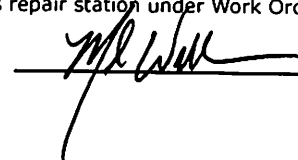
Log Book : Airframe

Date : 11/8/2019

Minor Repair/Alteration

53-00-00 Complied with DAHER repair drawing T700N5120038, repair # 70-343 on ELT base by installing new shim P/N T700R512004210200, new doubler P/N T700R512004210000, and item 102 plug. Replaced eroded ELT antenna with new P/N 110-343, S/N 13110. All work accomplished in accordance with DAHER repair drawing T700N5120038, repair # 70-343 and TBM850 SN 356, Rep #70-343 T700N5120038 Issue A, letter dated 11/7/2019.

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: S15-62694

Signed: 

for Signature TechnicAir. CRS#: EWGR752D

Log Entry 1 of 1

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

87

A/C Model : Socata TBM700
Aircraft Time :
A/C Hour Meter : 3,900.20
Landings :

A/C Reg # : N228CH
Work Order # A15-62589
A/C Ser # : 356



ur
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auler

1030 PTI Drive
Greensboro, NC 27409
P: 800-334-2001 | F: 336-668-4434

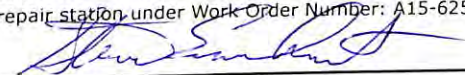
Log Book : Airframe

Date : 10/17/2019

Routine Maintenance

22-00-00 Updated configuration for Socata TBM 700N/850 in accordance with Garmin Service Bulletin 1956 Rev. A and G500(H)/G600/G700 TXi TSO Installation Manual 190-01717-00 May 2019 Revision 12. Ground checks good. Completed Testing in accordance with CFR 91.407. No defects noted at this time.

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: A15-62589

Signed:  for Signature TechnicAir. CRS#: EWGR752D

Log Entry 1 of 1

N228CH S/N: 356 October 21, 2019 A/C TT: 3903.6hr. Hobbs: 3903.6hr. Landing Cycles: 4029
- ICA- BBL, C/W the Boom Beam landing light 100hr. inspection IAW LSM-500-045, Rev. B.


Jeremy A. Greene AP3666293 For Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N228CH S/N: 356 October 10, 2019 A/C TT: 3890.2hr. Hobbs: 3890.2hr. Landing Cycles: 4006

- De: Removed faulty **KS270A Pitch Servo** P/N: 065-0059-23, S/N: 300700. Installed overhauled **KS270A Pitch Servo** P/N: 065-0059-23, S/N: 29630 from Southeast Aerospace, Inc. Cert #S66R266N under WO #147454,
 De: dated August 13, 2018. Performed an autopilot operational test and unit passes test. All work done IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R47, section 22-11-04.


 Jeremy A. Greene AP3666293 For Medical Air Inc.

A/C Model : Socata TBM700
 Aircraft Time : 3,898.10
 A/C Hour Meter :
 Landings :

A/C Reg # : N228CH
 Work Order # A15-62582
 A/C Ser # : 356

SIGNATURE
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 Aircraft Maintenance
 A BBA Aviation company

1030 PTI Drive
 Greensboro, NC 27409
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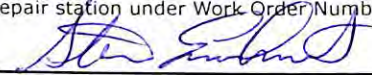
Log Book : Airframe

Date : 10/16/2019

Routine Maintenance

- 34-00-00 Performed Garmin Service Bulletin No. 1956 Rev. A to update G600 TXI Main software from 2.03 to 3.02.
 No defects noted at this time.
- 34-00-00 Performed ringout and wiring inspection of #1 and #2 GTN 750's GPS coax cables and GPS antennas in
 accordance with Garmin GTN 750 Installation Manual 190-01007-A1. No defects noted at this time.
 Operated system for extended period of time, could not duplicate pilot squawk.

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: A15-62582

Signed:  for Signature TechnicAir. CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

86

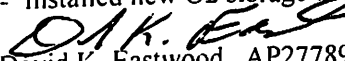
N228CH S/N: 356 September 13, 2019 A/C TT: 33860.7hr. Hobbs: 3860.7hr. Landing Cycles: 3975
Removed **Right landing light bulb/starter** P/N: LSM-SCD-009-1, S/N: 57855 and installed new bulb
P/N: LSM-SCD-009-1, S/N: 65149, adjusted per LSM-500-045, Rev. B. 10-26-11. Operational checkout of the
landing light good.


Jeremy A. Greene AP3666293 For Medical Air Inc.

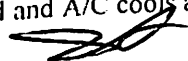
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N228CH S/N: 356 September 3, 2019 A/C TT: 3846.4 hr. Hobbs: 3846.4hr. Landing Cycles: 3957

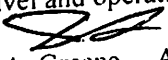
- Installed a new right landing light relay, P/N: 7733010106. Ops checked ok at this time.
- Installed new O2 storage box, P/N: N6027217240 on left side.


David K. Eastwood AP2778982 for Medical Air Inc.

N228CH S/N: 356 September 19, 2019 A/C TT: 3860.7hr. Hobbs: 3860.7hr. Landing Cycles: 3975
Removed A301 Compressor/Condenser assembly P/N: 6080407223 (11-92364-1), S/N: 122 and installed a repaired
compressor assembly P/N: 6080407223 (11-92364-1), S/N: 168. Unit repaired by Socata Aero Nevaes (SECAN),
Gennevilliers, France cert #FR.145.0689, dated August 8, 2019 under WO #5088051/4500788110
Installed unit per Daher MM P/N: Z00.DMAMMPXEE0R47 Chapter 22-55-08,
pages 401-405. Leak check performed per Daher MM, chapter 21-55-00, pages 601-602, no leaks
detected. Charging of the A/C systems performed per Daher MM, chapter 12-15-01, pages 301-307. Unit ground
tested and A/C cools as it should. Operational check of entire system complete and no defects noted.


Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 September 23, 2019 A/C TT: 3869.5hr. Hobbs: 3869.5hr. Landing Cycles: 3983
Removed B10 geared flap motor, P/N: 6157-1, S/N: 479. Installed B10 flap motor, P/N: 6157-1, S/N: 992V
repaired by Safran Electronics & Defense Avionics, LLC. Grand Prairie, TX Cert #SVUR684K, WO #4500691300,
dated June 26, 2018. Installation and required rigging accomplished IAW Daher-Socata TBM 700C Maintenance
Manual, P/N: Z00.DAMAMMPXEE0R47, section 27-50-01, pages 401-406 and section 27-50-00, pages 501-508.
Flap travel and operation ok at this time.


Jeremy A. Greene AP3666293 For Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N228CH S/N: 356 July 17, 2019 A/C TT: 3810.6hr. Hobbs: 3810.6hr. Landing Cycles: 3909 3 of 3 continued

Special Inspection Items

- C/W 1 Year Long Life Program Inspection on Right Main Landing Gear, P/N: D23768000, S/N: B169, Left Main Landing Gear, P/N: D23767000, S/N: B166, and Nose Landing Gear, P/N: D23766000, S/N: 169 IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DMAMMPXEE0R47, Chapter 32-00-00, 12-13-03, 12-13-04, 12-14-01 and 12-14-02. No defects noted.
- ✓ Complied with (C/W) Socata TBM 700 SB 70-118 Amdt. 1, Flap Actuator Free Play Check. No defects noted at this time.
- ✓ Complied with (C/W) Socata TBM 700 SB 70-118 Amdt. 1, Flap Lubrication. C/W SB 70-118 Amdt. 1 by cleaning and lubricating the flap actuator rods.
- ✓ 53-00-00-601 C/W Static Port Slope Check IAW Socata TBM 700 MM section 53-00-00, pg. 601, paragraph 1.B.5-10. No defects found.
- ✓ ICA- BBLL C/W the Boom Beam landing light 100hr. Inspection IAW LSM-500-045, Rev. B. No defects noted at this time.
- ✓ 1 Year- Performed Operational and Visual test of Aveo PosiStrobe MiniMax Flashing Beacons IAW Aveo PosiStrobe Installation Manual Rev. A., paragraph 7. Operational check normal.
- ✓ ICA-GDL-69A C/W 12 month inspection of GDL 69/69A satellite radio SA01487SE IAW Doc#: 190-00355-00, Rev. F, dated June 2015. No defects noted at this time.

I certify this Aircraft has been inspected in accordance with (IAW) a "C+" Annual Inspection per Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, and is approved for return to service.

David K. Eastwood
David K. Eastwood 1A2778982 for Medical Air Inc.

July 18, 2019 N228CH S/N: 356 Aircraft TT: 3811.1. Landing Cycles: 3910
Performed operational check flight. No defects noted at this time. Ref. FAR 91.407 (b).

Arthur Mansey Johnson
Arthur Mansey Johnson ATP3450738

N228CH S/N: 356 August 26, 2019 A/C TT: 3839.7 hr. Hobbs: 3839.7hr. Landing Cycles: 3950
Installed a new right landing light switch, P/N: N7388380001. Ops checked ok at this time.

David K. Eastwood
David K. Eastwood AP2778982 for Medical Air Inc.

N228CH S/N: 356 July 17, 2019 A/C TT: 3810.6hr. Hobbs: 3810.6hr. Landing Cycles: 3909 1 of 3 continued

- Replaced brake reservoir gasket washers with new P/N: 7061551012. Work performed IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R47, section 32-40-07, pages 401-402.
- Bled brake system with new MIL5606 brake fluid as required. No leaks detected. Work performed IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R47, section 32-40-03, pages 301-303.
- C/W AD 2012-10-14, Performed 7 year nose actuator hinge bolt replacement, P/N: 5101301111 IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 32-20-01.

Jeremy A. Greene AP3666293 for Medical Air Inc.

N228CH S/N: 356 July 17, 2019 A/C TT: 3810.6hr. Hobbs: 3810.6hr. Landing Cycles: 3909 2 of 3

- Installed new Left landing light lens, P/N: T700A334000410001 and Right landing light lens, P/N: T700A334000410101.

Paul A Cotrufo AP2775553 for Medical Air Inc

N228CH S/N: 356 July 17, 2019 A/C TT: 3810.6hr. Hobbs: 3810.6hr. Landing Cycles: 3909 3 of 3

Special Inspection Items

- Complied with (C/W) - 1 Year - Check Spoiler and Aileron Cable Tensions in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DMAMMPXEE0R47, Chapter 27-10-00-501. Tensions were within limits.
- ✓ C/W - 1 Year - Oxygen System Component & Lines Inspection in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47 Chapter 35-00-00-501.
- ✓ C/W - 1 Year - Inspection of Fire Extinguisher in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 26-20-01-601. Inspected no defects noted at this time. Wt.: 4 lbs., 11.1oz.
- ✓ C/W - 1 Year - Inspection and Cleaning of Cockpit Oxygen Masks in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 35-10-02-601.
- ✓ C/W - 1 Year - Inspect and Clean Passenger Oxygen Mask Boxes in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 35-20-02-601.
- ✓ C/W - 1 Year - Inspect and Disinfect Passenger Oxygen Masks in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 35-21-10-301.
- ✓ C/W - 1 Year - Inspection of Under Floor & Emergency Exit Drain Holes in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 53-20-00-601.
- ✓ C/W - 1 Year - Check Refrigerant Charge in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 12-15-03-301.
- ✓ C/W - 1 Year - Check Rudder Cable Tensions in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DMAMMPXEE0R47, Chapter 27-20-00-501. Tensions were within limits.
- ✓ C/W - 1 Year - Check Elevator Trim Cable Tensions in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DMAMMPXEE0R47, Chapter 27-30-00-501. Tensions were within limits.
- ✓ C/W - 1 Year - Inspect Left, Right and Nose Landing Gear in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 32-00-00-601.
- ✓ C/W - 1 Year - Check Left and Right Landing Gear Shock-Absorber Inflation Pressure in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DMAMMPXEE0R47, Chapter 12-14-02-301.
- ✓ C/W - 1 Year - Check Nose Landing Gear Shock-Absorber Inflation Pressure in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DMAMMPXEE0R47, Chapter 12-14-02-301.

(Continued next page)

N228CH S/N: 356 July 17, 2019 A/C TT: 3810.6hr. Hobbs: 3810.6hr. Landing Cycles: 3909 1 of 3

Special Inspection Items

- I ✓ **Complied with (C/W) – 1 Year – Protection of External Movable Parts** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 12-21-04-301.
- I ✓ **C/W – 1 Year - Clean Outflow Valve Seat** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 21-30-02-701.
- ✓ **C/W – 1 Year - Clean Safety Valve Seat** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 21-30-03-701.
- ✓ **C/W – 1 Year - Inspect and Clean Water Separator Filter** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 30-10-04-601.
- ✓ **C/W – 1 Year - Lubricate Left, Right & Nose Landing Gear Axles** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 12-21-05-301.
- ✓ **C/W – 1 Year - Clean Left & Right Main Landing Gear Wheel Bearings** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 32-40-01-601 & 12-21-05-301.
- ✓ **C/W – 1 Year - Lubricate Left & Right Main Landing Gear Wheel Bearings** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 12-21-05-301.
- ✓ **C/W – 1 Year - Inspect Left & Right Main Landing Gear Wheels & Bearings for Corrosion** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 05-20-05.
- ✓ **C/W – 1 Year - Clean Nose Wheel Bearings** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 32-40-02-601 & 12-21-05-301.
- ✓ **C/W – 1 Year - Lubricate Nose Wheel Bearings** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 12-21-05-301.
- ✓ **C/W – 1 Year - Inspect Nose Wheel Bearings for Condition and Corrosion** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 05-20-05.
- ✓ **C/W – 1 Year - Battery Capacity Check.** Removed battery, charged and performed capacity check per Concorde Component MM, P/N: CM24-30-71, battery passed cap check at 60 mins. at 100%. Reinstalled battery and shield.
- ✓ **C/W – 3 Year – Brake Fluid Replacement** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R47, Chapter 12-13-05-301.

Maintenance Items

- ✓ **Removed Right brake assembly** P/N: 30-191, S/N: 1961 and installed overhauled brake assembly P/N: 30-191, S/N: 2377. Work performed by Aviall Services Inc. Atlanta, GA FAA Cert #LV52029N, WO #2000327629 dated July 8, 2019. Bled brakes as required.
- ✓ **Removed Left brake assembly** P/N: 30-191, S/N: 2377 and installed overhauled brake assembly P/N: 30-191, S/N: 1961. Work performed by Aviall Services Inc. Atlanta, GA FAA Cert #LV52029N, WO #2000328840 dated July 8, 2019. Bled brakes as required.
- ✓ **Worked performed IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEEOR47,** section 32-40-03, pages 401-402. Cycled landing gear, no defects noted at this time.
- ✓ **Installed new standby alternator vent hose** P/N: T700A2430059104.
- ✓ **Installed new fuel pressure transmitter** P/N: N7809178704. Worked performed IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEEOR47, section 28-40-03, page 401-403.

(Continued Next Page)

07/03/2019 NH:N228CH MODEL:TBM 700 SN:356 TT/HM: 3810.6 Cy: 3909 WO#:A19-19-03677

1. Performed C inspection 16 RVSM Testing IAW Socata TBM 700 Versions TBM 700A,B,C & TBM 850 Up To S/N 433 Maintenance Manual Rev.47 34-11-00-501. System checks good on ramp.
2. Performed C inspection 242-243 91.207D ELT testing, found G-switch INOP, corrective action. refer to Sqk 10.
3. Performed requirements of C inspection 295 VMO Max Airspeed IAW Socata TBM 700 Versions TBM 700A,B,C & TBM 850 Up To S/N 433 Maintenance Manual Rev.47 34-11-00-501. System checks good on ramp.
4. Performed requirements of Autopilot check (#165) IAW Socata TBM 700 Versions TBM 700A,B,C & TBM 850 Up To S/N 433 Maintenance Manual Rev.47 22-11-00-601. No defects noted.
5. Performed Special check #64 of servo actuators and cables for condition IAW Socata TBM 700 Versions TBM 700A,B,C & TBM 850 Up To S/N 433 Maintenance Manual Rev.47 20-10-04-301. No defects noted.
6. Performed requirements of Special check #65 of servo actuators cable tension IAW Socata TBM 700 Versions TBM 700A,B,C & TBM 850 Up To S/N 433 Maintenance Manual Rev.47 22-11-03-501. No defect noted.
7. Performed Special check #66 servo actuator clutch friction test IAW Socata TBM 700 Versions TBM 700A,B,C & TBM 850 Up To S/N 433 Maintenance Manual Rev.47 22-11-00-501. No defect noted.
8. Performed GNS 750 Main software upgrade of Units P/N 011-02282-00 S/N 1ZA025346 and S/N 1ZA025311 to Version 6 25 IAW Garmin Service Bulletin No. 1933 Rev. A Dated June 7, 2019.
9. Removed and replaced Pilot's pitch trim switch P/N 200-03501-0000, system checks good IAW Socata TBM 700 Versions TBM 700A,B,C & TBM 850 Up To S/N 433 Maintenance Manual Rev.47 27-30-01.
10. Replaced Expiring battery with NEW battery P/N 452-0133 S/N 381768-026, Installed Repaired Artex ELT P/N 452-5002 S/N 12937. System checks good on ramp IAW Artex C406-1 installation and Maintenance manual 25-62-10, 570-5001 Rev J. Battery Exp Date AUG/2024

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

APPROVED BY

Signature Technician Winston Salem NC FAA Repair Station PAIR208A

ure réparateur

remise en service

ure of overhauler

ce release

Temps de vol depuis
la précédente opé-

Heures depuis

Nombre

Dates

Dates



Pratt & Whitney

A United Technologies Company

RSCF GEN-041 (1/4/2013)

Pratt & Whitney Engine services, Inc.

1527 Midway Park Road

Bridgeport, WV 26330

FAA CRS # L2QR166Y

ACFT. TYPE:

ACFT. S/N:

356

ACFT. TTSN:

3810.6

HOUR METER:

TBM 850

REG. #:

N228CH

ACFT. TCSN:

3909

N/A

ENG. MODEL:

ENG. SN#

ENG. TTSN:

228.4

ENG. TCSN:

194

PT6A-66D

PCE-RV0211

ENG. TSO:

N/A

ENG. CSO:

N/A

Page 1 of 1

REMOVED RENTAL ENGINE ASSEMBLY S/N: RV0211 FROM AIRCRAFT N228CH.

GAS GEN: TTSN: 228.4 TCSN: 194 POWER SEC: TTSN: 228.4 TCSN: 194

INSTALLED CORE ENGINE ASSEMBLY S/N: RV0009 ON AIRCRAFT N228CH.

GAS GEN : TTSN: 3585.9 TCSN: 3860 TTSO: 70.5 TCSO: 100

POWER SEC: TTSN: 3490.9 TCSN: 3743 TTSO: 70.5 TCSO: 100

SERVICED ENGINE WITH 9 QTS OF AEROSHELL 560 TURBO OIL. PERFORMED SATISFACTORY GROUND PERFORMANCE RUN AND LEAK CHECKS. ALL WORK PERFORMED I/A/W PT6A-66D MAINTENANCE MANUAL P/N 3070902 REV. #18.1 DATED JUL 27 2017 AND DAHER SOCATA AMM P/N Z00. DMAMMPXEE0R47 REV. #47.

No Technical Data

This engine has been inspected/repaired/modified in accordance with current regulations of the Federal Aviation Administration and the work performed is approved for return to service. Pertinent details of the work performed are on file at this agency under Sales Order: 213361

DATE: 17-Jul-2019

Approved Inspector:



Michael Harris

May 17, 2019 N228CH S/N: 356 Aircraft TT: 3783.0hr. Landing Cycles: 3873

Performed operational check flight. No defects noted at this time. Ref. FAR 91.407 (b).

A. Johnson
Arthur Mansey Johnson ATP3450738

achet - Signature réparateur

obation pour remise en service

np and signature of overhauler

Maintenance release

N228CH S/N: 356 May 20, 2019 A/C TT: 3787.1hr. Hobbs: 3787.1hr. Landing Cycles: 3877

Removed **Right** wheel assembly, disassembled, cleaned, visually inspected and not defects noted. Reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 81802071 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 125 psi.

Replaced **Right** brake wear pads with new pads P/N: 109-01500 (32) and new rivets P/N: 105-00900 (64).

Reinstalled brake assembly back on the aircraft using new **brake rotor** P/N: 159-02700. Installed IAW Parker Hannifin CM30-191 component maintenance manual.

Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR47, section 32-40-01, pages 401-408.

J. Greene
Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 June 14, 2019 A/C TT: 3802.1hr. Hobbs: 3802.1hr. Landing Cycles: 3899

Removed **Left** wheel assembly, disassembled, cleaned, visually inspected and not defects noted. Reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 81862233 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 125 psi.

Replaced **Left** brake wear pads with new pads P/N: 109-01500 (32) and new rivets P/N: 105-00900 (64). Reinstalled brake assembly back on the aircraft using new **brake rotor** P/N: 159-02700. Installed IAW Parker Hannifin CM30-191 component maintenance manual.

Brake pressure plate, P/N: 063-06400 sent to Signature TechnicAir for NDT magnetice particle testing, no cracks found. WO #S15-61779-1599, dated May 31, 2019 FAA Cert. #EWGR752D.

Brake torque tube, P/N: 064-05101 sent to Signature TecnicAir for fluorescent penetrant NDT inspection, no cracks found. WO #S15-61779/1599, dated May 31, 2019 FAA Cert. #EWGR752D.

Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR47, section 32-40-01, pages 401-408.

Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 May 7, 2019 A/C TT: 3776.5hr. Hobbs: 3776.5hr. Landing Cycles: 3862
 Installed new **Right** glareshield lighting tube, P/N: N7824115311. Operational check good and light works correctly.

SO
 Jeremy A. Greene AP3666293 For Medical Air Inc.



Pratt & Whitney

A United Technologies Company

RSCF GEN-041 (1/4/2013)

Pratt & Whitney Engine Services, Inc.

1527 Midway Park Road

Bridgeport, WV 26330

FAA CRS # L2QR166Y

ACFT. TYPE:	ACFT. S/N: 356	ACFT. TTSN: 3782.6	HOOR METER:
TBM 850	REG. #: N228CH	ACFT. TCSN: 3872	N/A
ENG. MODEL:	ENG. SN#	ENG. TTSN: 3585.9	ENG. TCSN: 3860
PT6A-66D	PCE-RV0009	ENG. TSO: 70.5	ENG. CSO: 100

Page 1 of 1

Removed engine cowlings. Removed core engine S/N PCE-RV0009 GG Module S/N GG-RV0009 TTSN: 3585.9 TCSN: 3860 PS Module S/N PS-RV0009 TTSN: 3490.9 TCSN: 3743. Removed airframe items from core engine and visually inspected. Installed airframe items onto rental engine assy S/N PCE-RV0211 TTSN: 200.4 TCSN: 157. Installed rental engine into airframe and serviced with 2380 engine oil. Reinstalled engine cowlings and complied with required engine ground runs, leak check, operational check, and satisfactory engine performance ground run.

All work performed in accordance with PT6A-66D Maintenance Manual, part number 3070902, Revision # 18, dated 4/10/2017 and Daher Socata AMM part number Z00.DMAMMPXEE0R47 Revision #47 and/or applicable Service Bulletins.

No Technical Data

This aircraft has been inspected/repaired/modified in accordance with current regulations of the Federal Aviation Administration and the work performed is approved for return to service. Pertinent details of the work performed are on file at this agency under Sales Order: 212242

DATE: **16-May-2019**

Approved Inspector:

Brian Herron

Brian Herron

Détails vérifi

March 4, 2019 N228CH S/N: 356 Acft TT: 3712.1 hrs. Landing cycles: 3772

Particulars

Removed fuel door 555. Replaced one insert with new, P/N: 7394810850. Cleaned sealant at insert area. Applied PRC 1422B1/2 sealant as needed to insert areas. Cleaned fuel door and secured with new gasket, P/N: 7423210089 and hardware, P/N: MS24694S48. Preceding work accomplished per DAHER Manual R47, Section 52-40-01. Serviced aircraft with Jet A-1 Postive. No leaks noted.

Paul A. Cotrufo
Paul A. Cotrufo AP277553 For Medical Air, Inc

N228CH S/N: 356 March 04, 2019 A/C TT: 3712.1 hr. Hobbs: 3712.1hr. Landing Cycles: 3772

- Removed SHADIN ETM Key Recorder, P/N: 943200, S/N: 671. Installed Modified SHADIN ETM Recorder, P/N: 943200-11, S/N: 0145, modified by SHADIN Avionics, CERT. #: K5NR335Y, WO#: TT10265, dated November 14, 2018. Performed installation and set-up per Installation Manual, P/N: M943200-11.

David K. Eastwood
David K. Eastwood AP2778982 for Medical Air Inc.

N228CH S/N: 356 March 19, 2019 A/C TT: 3731.8hr. Hobbs: 3731.8hr. Landing Cycles: 3796
Removed panel switch potentiometer P/N: 419-54-22KL-2K2, S/N: 141002 and installed a new potentiometer P/N: 419-54-22KL-2K2, S/N: 1074009. Switch works correctly and glareshield lights now dim completely.

Jeremy A. Greene
Jeremy A. Greene AP3666293 For Medical Air Inc.

March 27, 2019 N228CH S/N: 356 Acft TT: 3736.2 hrs. Landing cycles: 3805

Removed geared motor and cable for cabin door. Removed cable from drum and installed new cable, P/N: T700B526004110000. Reinstalled geared motor and cable. Secured pulleys and pulley guards. Checked operation of cabin door, opening and closing: no defects noted. Preceding work accomplished per DAHER R47, Section 52-11-02, p.401-405 and 52-11-02, p. 406-410. Secured cabin furnishings.

Paul A. Cotrufo
Paul A. Cotrufo AP277553 For Medical Air, Inc



Pratt & Whitney

A United Technologies Company

RSCF GEN-041(APR13)

Pratt & Whitney Engine Services, Inc

1527 Midway Parkway Rd

Bridgeport, WV 26201

FAA CRS # CRS L2QR166Y

entretien
le motive

ACFT. TYPE:

TBM 850

ENG. MODEL:

PT6A-66D

ACFT. S/N:

356

REG. #:

N228CH

ENG. SN#

PCE-RV0009

ACFT. TTSN:

3712.1

ACFT. TCSN:

3772

ENG. TTSN:

3515.4

ENG. TSO:

0.0

hour meter:

N/A

ENG. TCSN:

3760

ENG. CSO:

0

Page 1 of 1

REMOVED RENTAL S/N: RV0234 TTSN: 725.9 TCSN: 531. INSTALLED NEW OIL AND FUEL LINES. INSTALLED 4EA. NEW ISOLATOR MOUNT ASSEMBLIES AND QEC EQUIPMENT ON OVERHAULED ENGINE SN RV0009. GAS GEN TTSN: 3515.4 TCSN: 3760 TSO: 0.0 CSO: 0. POWER SECTION TTSN: 3420.4 TCSN: 3643 TSO: 0.0 CSO: 0. INSTALLED COMPLETE ENGINE ON TO AIRFRAME. SERVICED ENGINE WITH AERO SHELL 560 OIL. PERFORMED SATISFACTORY LEAK CHECK AND GROUND PERFORMANCE RUN.

ALL WORK PERFORMED I/A/W PT6A-66D MAINTENANCE MANUAL P/N 3070902 REV. #18 DATED APR 4 2017 AND DAHER SOCATA MAINTENANCE MANUAL PN ZOO.DMAMMPXEOR46 DATED SEP 2016

No Technical Data

This aircraft has been inspected/repared/modified in accordance with current regulations of the Federal Aviation Administration and the work performed is approved for return to service. Pertinent details of the work performed are on file at this agency under Sales Order: 210856

DATE: **4-Mar-2019**

Approved Inspector:

Michael Harris

Michael Harris

N228CH S/N: 356 February 22, 2019 A/C TT: 3705.6hr. Hobbs: 3705.6hr. Landing Cycles: 3762

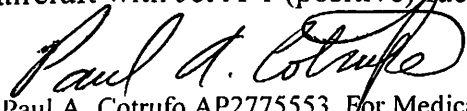
Replaced Power Control Lever Cable with new cable P/N: T700A7610078000 from Daher. Worked performed and subsequent rigging accomplished IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR47, section 76-10-02, pages 401-511. Ground ran aircraft and confirmed that rigging was correct. Checked aircraft power parameters from idle to full power and reverse mode. No defects noted, aircraft power lever control is smooth and responds correctly to power lever movements.

Replaced Pilot's **Right Hand Brake Master Cylinder** with new master cylinder P/N: N6068757280 from Daher. Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR47, section 32-40-04, pages 401-403. Bleed brakes as necessary and serviced brake reservoir. Taxied aircraft around to verify correct operation.


Jeremy A. Greene AP3666293 For Medical Air Inc.

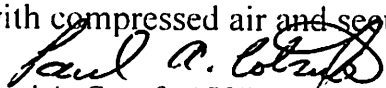
February 22, 2018 N228CH S/N: 356 Acft TT: 3705.6 hrs. Landing cycles: 3762

Removed fuel doors, 651 and 531. Removed 5 inserts from fuel door 651 retaining ring. Removed sealant from affected areas. Installed new inserts, P/N: 7394810850 and applied PR1422B1/2 sealant. Replaced fuel door 531 with new door, P/N: T700A5240005100. Secured door 651 with new gasket, P/N: 7423210090 and new hardware, P/N: MS24694S48. Secured fuel door 531 with PR1422B1/2 sealant and new hardware, P/N: MS24694S48. Torqued screws. Preceding work accomplished per DAHER R47, Section 52-40-01, p. 401-402. Replaced RH, inbd fuel drain with new, P/N: TB1—52050001 and new o-ring, P/N: 7423550073. Serviced aircraft with Jet A-1 (positive) fuel. No leaks noted.


Paul A. Cotrufo AP2775553 For Medical Air, Inc

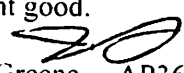
Dates January 14, 2019 N228CH S/N: 356 Acft TT: 3657.6 hrs. Landing cycles: 3700

Dates Removed torque transducer, P/N: 8107-200-00-10. S/N: 391. Installed new transducer. from DAHER, FR.21G.0018. w.o. 4500697875, 5 Nov.,2018, P/N: (APTE-438-1000-75D), N7161772403, S/N: 8458-2-224 with new o-ring, P/N: AS3209-213. Cleared bleed orifice line with compressed air and secured. Ground ran. ops and leak check o.k.


Paul A. Cotrufo AP2775553 For Medical Air, Inc

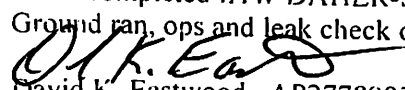
N228CH S/N: 356 January 25, 2019 A/C TT: 3669.8hr. Hobbs: 3669.8hr. Landing Cycles: 3719

Removed Left landing light bulb/starter P/N: LSM-SCD-009-1, S/N: 57854 and installed new bulb P/N: LSM-SCD-009-1, S/N: 65121, adjusted per LSM-500-045, Rev. B. 10-26-11. Operational checkout of the landing light good.


Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 February 13, 2019 A/C TT: 3699.2 hr. Hobbs: 3699.2hr. Landing Cycles: 3753

- Removed Torque Transducer, P/N: APTE-438-1000-75D, S/N: 8458-2-224. Install serviceable Torque Transducer, P/N: APTE-438-1000-75D, S/N: 8486-6-596, with 152.0hrs TT. DAHER France WO#: 4500686450, dated: June 4, 2018. Cleared bleed orifice line with compressed air and secured. Work completed IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R47, section 77-14-00, pages 401-403. Ground ran, ops and leak check ok at this time.


David K. Eastwood AP2778982 for Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

80

Détails

A/C Model : Socata TBM700
Aircraft Time :
A/C Hour Meter : 3,643.60
Landings :

A/C Reg # : N228CH
Work Order # A15-60713
A/C Ser # : 356

SIGNATURE
TECHNICAIR™
Aircraft Maintenance
A BBA Aviation company

Partici

Log Book : Airframe

Date : 12/18/2018

1030 PTI Drive
Greensboro, NC 27409
P: 800-334-2001 | F: 336-668-4434

Routine Maintenance

34-00-00 Removed right hand static port and installed new static port P/N T700A341507101 and static tubes P/N T700A3415017103 in accordance with Standard Practices. Performed static leak check in accordance with Socata TBM 700 Maintenance Manual 34-11-00. Leak check good. No defects noted at this time.

34-00-00 Contacted Garmin customer support and was directed to replace the internal Datacard in the GTN 650. The internal datacard was removed and a serviceable datacard was installed. Once the datacard was installed databases were reloaded. All databases were valid and current. Ref: Garmin GTN Maintenance manual 190-01007-01 Rev.3. Operational checks good during ground test.

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: A15-60713

Signed:

for Signature TechnicAir. CRS#: EWGR752D

Log Entry 1 of 1

December 21, 2018 N228CH S/N: 356 Acft TT: 3645.3 Landing cycles: 3684

- Replaced right navigation/strobe light assembly (green/white/strobe) with new, P/N: 11-05627 assy., S/N: 00746, Whelen Model 9034003. Secured wingtip. Ops check o.k.
-Cleared RGB bleed line to torque transducer with compressed air. Secured line. Ground ran, ops check, o.k.

Paul A. Cotrufo AP277553 For Medical Air, Inc

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N228CH S/N: 356 December 14, 2018 A/C TT: 3641.7hr. Hobbs: 3641.7hr. Landing Cycles: 3676

Removed defective taxi light bulb, P/N: 2307055-1, S/N: 12339. Installed new taxi light bulb, P/N: 2307055-1, S/N: 20049. Ops checked good at this time.

I certify this Aircraft has been inspected in accordance with (IAW) a Daher-Socata "A" Inspection using Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R46, and is approved for return to service.

David K. Eastwood
David K. Eastwood AP2778982 for Medical Air Inc.

A/C Model : Socata TBM700
Aircraft Time : 3,601.10
A/C Hour Meter : 3,601.10
Landings : 3,630.00

A/C Reg # : N228CH
Work Order # : A15-60556
A/C Ser # : 356

TECHNICAIR
Aircraft Maintenance
A BBA Aviation company

1030 PTI Drive
Greensboro, NC 27409
P: 800-334-2001 | F: 336-668-4434

Log Book : Airframe

Date : 11/15/2018

Routine Maintenance

Removed GSU75(B) PN 011-03094-40 SN 4E4000491 and installed GSU75(B) PN 011-03094-40 SN 4E4000414 O/H unit from Garmin WO# 14502443 FAA CRS G6XR582Y on 11/30/18 in accordance with Garmin G600 TXI Maintenance Manual 190-01717-B1. Configuration completed in accordance with Garmin Service Bulletin 1811 Rev. 2.34-00-00

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: A15-60556

Signed: *Steve Schubert*

for Signature TechnicAir, CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

79

N228CH S/N: 356 December 6, 2018 A/C TT: 3633.4hr. Hobbs: 3633.4hr. Landing Cycles: 3666
 - 53-00-00-601 C/W RVSM Static Port Slope Check IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R46, section 53-00-00, pg. 601, paragraph 1.B.5-10. No defects found at this time.
 - ICA- BBL L C/W the Boom Beam Landing Light 100hr. Inspection IAW LSM-500-045, Rev. B. No defects found at this time.

David K. Eastwood
 David K. Eastwood AP2778982 for Medical Air Inc.



Pratt & Whitney

A United Technologies Company

RSCF GEN-041 (1/4/2013)

Pratt & Whitney Engine Services, Inc.

1527 Midway Park Road

Bridgeport, WV 26330

FAA CRS # L2QR166Y

ACFT. TYPE:	ACFT. S/N: 356	ACFT. TTSN: 3638.0	HOUR METER:
TBM 850	REG. #: N228CH	ACFT. TCSN: 3672	N/A
ENG. MODEL:	ENG. SN#	ENG. TTSN: 3515.4	ENG. TCSN: 3760
PT6A-66D	PCE-RV0009	ENG. TSO: N/A	ENG. CSO: N/A

Page 1 of 1

Removed engine cowlings. Removed core engine S/N PCE-RV0009 GG module S/N GG-RV0009 TTSN: 3515.4 TCSN: 3760 PS module S/N PS-RV0009 TTSN: 3420.4 TCSN: 3643. Removed airframe items from core engine and visually inspected. Installed airframe items onto rental engine assy S/N PCE-RV0234 TTSN: 651.8 TCSN: 431. Installed rental engine into airframe and serviced with 2380 engine oil. Installed engine cowlings and complied with required engine ground runs, leak check, operational check, and satisfactory engine performance ground run.

All work performed in accordance with PT6A-66D Maintenance Manual, part number 3070902, Revision # 18, dated 4/10/2017, Daher Socata Maintenance Manual P/N Z00.DMAMMPXEE0R46 dated September 2016 and/or applicable Service Bulletins.

No Technical Data

This aircraft has been inspected/repaired/modified in accordance with current regulations of the Federal Aviation Administration and the work performed is approved for return to service. Pertinent details of the work performed are on file at this agency under Sales Order: 209408

DATE: **11-Dec-2018**

Approved Inspector:

Brian Herron



Brian Herron

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

79

November 2, 2018 N228CH S/N: 356 Acft TT: 3591.8 Landing cycles: 3615

Removed lower Aveo flashing beacon, P/N: AVE-PMMR-12A, S/N: A07-1206-00326. Installed new Aveo beacon AVE-PMMR-12A, S/N: A16-1512-00645. Sealed interior mounting nuts and fillet sealed beacon with PRC-1440B1/2-2-5. Ops check o.k.

Paul A. Cotrufo

Paul A. Cotrufo AP2775553 For Medical Air, Inc

December 3, 2018 N228CH S/N: 356 Acft TT: 3621.5 hrs. Landing cycles: 3654

Replaced left main tire with new Goodyear Flight Eagle 18x5.5, 10 ply tire, P/N: 185F03-5, S/N: 80742287. Reassembled wheel with new O-rings (M83461-1-145, MS28775-261). Torqued wheel halves to placarded spec. Serviced tire with nitrogen. Static balanced wheel assembly. Cleaned and repacked wheel bearings. Secured wheel assy. to aircraft. Worked performed IAW DAHER Maintenance Manual R46, Section 32-40-01. Complied with SB70-118 Flap Free play check. Left and right flap jackscrews within tolerance.

Next due: 3821.5 hrs.

Complied with SB70-118 Flap Actuator Lubrication, by cleaning and lubing flap jackscrews.

Next due: 3821.5 hrs.

Paul A. Cotrufo

Paul A. Cotrufo AP2775553 For Medical Air, Inc

N228CH S/N: 356 December 3, 2018 A/C TT: 3621.5hr. Hobbs: 3621.5hr. Landing Cycles: 3654

Jacked aircraft. Removed Right wheel assembly, disassembled, cleaned, visually inspected and no defects noted. Reassembled with a new Goodyear Flight Eagle tire, P/N. 185F03-5, 18x5.5, 10 ply, S/N: 80732092 and O-rings, (1) P/N: MS28775-261 and (2) M83461-1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 130 psi.

Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR46, section 32-40-01, pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.

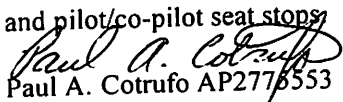
Jeremy A. Greene

Jeremy A. Greene AP3666293 For Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

July 3, 2018 N228CH S/N: 356 Acft TT: 3440.8 Landing cycles: 3453

Removed left side window defogger DUCT, and left side, under floor CONDUIT (duct). Replaced with new parts P/N: T700A2120062100 and P/N: T700A2120033100, respectively. Secured floor panels, interior furnishings, and pilot/co-pilot seat stops.


Paul A. Cotrufo AP2775553 For Medical Air, Inc

N228CH S/N: 356 September 21, 2018 A/C TT: 3527.3hr. Hobbs: 3527.3hr. Landing Cycles: 3550

- ICA- BBL, C/W the Boom Beam landing light 100hr. inspection IAW LSM-500-045, Rev. B.
- Replaced **airframe fuel filter** with new filter P/N: 6007707270. Installed using new orings P/N: 6071017253 (1) and 7423800088 (2) IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEE0R46, section 28-20- 01 pages 301-304. Pressure tested and no leaks detected.
- Replaced **Standby generator brushes** with new, P/N: ALU3045BS. Ground ran and ops check ok.
- Removed **Starter/generator** P/N: 8012F, S/N: 393 and installed P/N: 8012F, S/N: 369 overhauled by Thales Avionics Inc. FAA Cert #XIUR593K under work order #1571 dated April 13, 2018. Installed IAW Daher-Socata Maintenance Manual ZOO.DMAMMPXEER46, section 24-30-03 page 402-403 using new oring P/N: M83248-1-113. Ground ran and operational checkout good. No leaks detected.


Jeremy A. Greene AP3666293 For Medical Air Inc.

October 23, 2018 N228CH S/N: 356 Acft TT: 3575.0 Landing cycles: 3601

Replaced panel Dimmer Assy with new P/N: T700A3310025000. Ops check o.k. Secured floor panels.


Paul A. Cotrufo AP2775553 For Medical Air, Inc

es	la precedente ope- ration d'entretien	Heures totales	entretien majeur	d'atterrissages	Motif de l'entretien
es	Duration of flight since last maintenance operation	Hours since manufacture	Hours since major maintenance	Number of landings	Maintenance motive

Socata North America, Inc. N228CH S/N 356 TSN: 3436.4 CSN: 3450

The altimeter system, altitude reporting equipment and transponder have been tested and inspected with calibrated test equipment as required by FAR91.411 I.A.W. FAR 43 Appendix "E", and FAR91.413 I.A.W. FAR 43, Appendix "F", Air Data, Autopilot and ATC Transponder system components which is required by FAR Part 91 Appendix G (RVSM) IAW TBM700 S/N 356 Approved maintenance program and was found RVSM compliant. Dimensional inspection of both static ports was found to be within limits and visual inspection of critical areas yielded no defects.

System Test Date: June 26, 2018

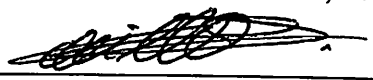
Altimeters; GSU 75B S/N: 4E4000491, AM 250 S/N 05100289D, MD 302 S/N C18-10045 and 5934 PAD-3 S/N 447160

Tested to: 35000 feet

Transponders GTX345 S/N 3EG005400

GTX 330 ES S/N 84113021

W/O#: 6355 Next Test Due: June 26, 2020

Signature 
CRS-URZR891L/EASA.145.5152

DAHER

FAA CRS # URZR891L / EASA 145.5152

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

Date : 06/27/2018

Serial Number : 356

Registration : N228CH

Aircraft type : TBM 700

Meter Time: 3436.4 Hobbs

Time Since New : 3436.4

Cycle Since New : 3450

Work Order : 6378

- Page 2/2
- Removed Honeywell refrigeration pack (ECS Pack) S/N 1208, installed a repaired unit P/N 6053C000-003 S/N 1158, performed an operational and leaks check good.
- Replaced de-ice boots with new: R/H wing outboard leading edge P/N T700A301000101700, R/H horizontal stabilizer leading edge P/N T700A3013003001 and Ops checked good.
- Stop drilled a small crack on L/H lower engine cowl.
- Drained left and right fuel tanks, removed access panel No. 554, 632, 633, 634, 651 cleaned and resealed the removed panels with new gaskets P/N 7423210089, P/N 7423210090, new screws P/N 5150624048.
- Replaced nose wheel shimmy damper's O-rings with new and serviced with Silicone hydraulic fluid PSF-100cSt, performed an operational and leaks check good.
- Replaced torque gauge backlighting bulb with new P/N ZOON7445341306, Ops. checked good.
- Replaced top Fwd. Transponder antenna with new P/N 6012827222/C1105-16, Ops. checked good.
- Replaced L/H Aileron trim tab hinges with new P/N T700A5760022100, P/N T700A5760022101, P/N T700A5760022102 and new pins P/N T700A5760022104, P/N T700A5760022105 IAW DAHER Socata Engineering Note Ref. ASE_203_2017_FS, Date 02/Nov/2017
- Repaired the delamination area on R/H Aileron outboard upper per DAHER Repair Dwg. # T700A5120653.
- Performed flight controls operation and deflection check found to be within limits.
- Replaced flaps anti-chafe tape with new
- Replaced placards with new as required
- Replaced rivets with new at engine intake lips on lower cowl.
- Adjusted airflow knob as required and Ops. checked good.
- Replaced prop beta carbon brush block with new P/N 6036387238/57A3026 and Ops. checked good.

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of Federal Aviation Administration And In Accordance With EASA 145.A.50 And Is Approved For Return To Service For the Work Performed. Permanent Records Of The Repair Are on File At This Repair Station Under W.O. # 6378, Signature: K. Phongsavath Kam Phongsavath, Date : 06/27/2018
CRS # URZR891L / EASA. 145.5152

Required function test flight in accordance with manufacturer's specifications and the flight manual has been accomplished. Aircraft exhibits normal flight characteristics.

Signature: W. G. 247220

Flight Test

I certify that this Aircraft/Engine/Propeller/Appliance has been inspected/repared in accordance with "B +" inspection per Socata MM & Far 43 and IAW EASA-145 and determine to be in Airworthy condition. Pertinent details on file under W.O # 6378 and copy given to customer

Aircraft T.T : 3436.4 Engine T.T : 3313.8 Prop T.T : 212.5

Signature: K. Phongsavath Date : 06/27/2018

CRS # URZR891L / EASA 145.5152

DAHER

FAA CRS # URZR891L / EASA.145.5152

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

Date : 06/27/2018

Serial Number : 356

Registration : N228CH

Aircraft type : TBM 700

Meter Time: 3436.4 Hobbs

Time Since New : 3436.4

Cycle Since New : 3450

Work Order : 6378

- Page 1/2
- Performed a Standard Program - B+/Annual inspection IAW TBM Maintenance manual chapters 05-20-03/05-20-05, 14 CFR 91-409(a)(1) and Part 43 Appendix D.
- Removed A/P Pitch servo KAS-270A S/N 30700, Yaw servo KS-271A S/N 44118, Pitch trim servo KS-272A S/N 49240, Roll servo KS-271A S/N 44127, performed clutch friction torque check IAW MM. Ch. 22-11-00, re-installed and Ops. checked good.
- Inspect and tested ELT S/N 12937 IAW the requirements of FAR 91-207 Par. (d) and TBM MM, battery expired 09/2019.
- Removed, performed cap test and recharged battery S/N 40798347. Capacity tested 93%, re-installed and Ops. checked good.
- Performed RVSM annual/200 hrs. Checked that static ports are flush with the skin, check the correct flushing of rivets of static ports. Checked RVSM critical area for impact, recess or dent IAW MM Ch. 53-00-00, Fig. 604, no defect noted.
- C/W 2 yrs./400 hrs. Fuel low level sensors, do a low level test, found satisfactory.
- C/W 3 yrs. Replaced hydraulic fluid with new 5606.
- C/W 3 yrs. Removed leaking standby compass assembly S/N 186, installed new unit P/N C2350-L4-M23 S/N VD-10233, performed compass compensation check and installed new deviation card.
- C/W 1000 Landings Overhauled LDG wheel assemblies P/N 40-434: L/H S/N 1233, R/H S/N 1220 by Aviall Services, Inc. CRS # XVLR346L, W.O. 2000264762, 2000264757 Dated 05/Jun/2018.
- C/W 1200 hrs. Cleaned, inspected safety valve and outflow valve controller filters.
- C/W 1200 hrs. Applied siccative oil inside the rudder torque shaft.
- C/W 1200 hrs. Protection of external fittings. Cleaned, inspected and lubricated areas 300, 500, 600 IAW Socata MM chapters 12-21-03/12-21-04.
- C/W 1200 hrs. Performed Fibroscopic inspection for internal bondings and Tapping inspection for skin bondings on Fixed horizontal stabilizer, Vertical fin, Rudder, Elevators, Flaps, Ailerons, no disbonding noted.
- C/W 1200 hrs. Ultrasonics inspection for metal/metal bondings on Fixed horizontal stabilizers, Vertical fin was performed by Ultimate NDT Inc. CRS # U1LR957Y, W.O. 2018-0276, dated 06/06/2018, no disbonding noted.
- C/W SB 70-118 R1 Cleaned, inspected and relubricated flaps actuator rods. Checked play between drive nuts and flap internal actuator rods found to be within limit.
- Replaced L/H main tire with new P/N 185F03-5 S/N. 71722051, new O-rings P/N 7423692059, P/N 7423692060, inflated tires to proper pressure, leak checked good.
- Replaced standby alternator drive belt with new P/N 7133601787.
- Replaced all brake linings with new P/N 7687730500 and new rivets P/N 7755730900.
- Replaced deteriorated cabin air distribution system hoses with new: P/N T700A2120033101, P/N T700A2120033102.
- Repaired cracks on radar lower support bracket IAW standard practices maintenance manual chapter 51-70-00, and using DAHER-Socata Repair Data Sheet No. 70-121, Dwg. T700A5120567 as a reference.
- Replaced radar radome P/N 4906-2 S/N 344 with a repaired radome P/N 4906-100-V2, S/N 127.
- Replaced inertial separator support bracket assy with new P/N T700A7160066000.
- Replaced all rusty screws on dorsal fin fairing with new screws P/N 5150624050.
- Installed new passenger oxygen switch guard P/N T700A252123410000.
- Replaced loose rivets with new on L/H wheel well.
- Repaired fuel leaks at R/H main landing gear attachment by replacing the front ball joint with new P/N 7747144401/ABG16-302 and new front cover plate P/N T700A3210010100

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

75

DAHER

FAA CRS # URZR891L / EASA.145.5152

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

Date : 06/27/2018

Serial Number : 356

Registration : N228CH

Aircraft type : TBM 700

Meter Time: 3436.4 Hobbs

Time Since New : 3436.4

Cycle Since New : 3450

Work Order : 6355

- Page 2/2
- Equipment installed:

GDU 1060 Touch Screen PFD/MFD Display Unit P/N 011-03308-60 S/N 3M4000811.

GSU 75 (B) ADAHRS P/N 011-03094-40 S/N 4E4000491.

GMU 44 Magnetometer P/N 011-00870-10 S/N 1CM023580.

GAD 43e Gyro Adapter P/N 011-02349-00 S/N 1V7051708.

GTN 750 VHF/NAV/ILS/GPS WAAS P/N 011-02282-00 S/N 1ZA022626, 1ZA022604. #1 #2

GWX 70 Weather Radar P/N 011-01768-00 S/N 1DP008210.

Weather Radar Antenna 10aTM P/N 117-00254-00 S/N 1199.

MD 302 Standby Instrument P/N 6420302-1 S/N C16-10861.

- A functional test of the above systems has been performed for proper operation and did not adversely affect any other aircraft systems nor do any existing systems adversely affect the above systems.

- The Airplane Flight Manual Supplement :

GARMIN G600 TXI DISPLAY SYSTEM P/N 190-01717-B2 Rev 1.

GARMIN GTN750 P/N 190-01007-A2 Rev 7.

TBM 700/850 G600 TXI RVSM P/N 190-01717-B4 Rev 1

- must be carried in the airplane at all times and is attached to the TBM 700 Pilot's Operating Handbook.

- Instructions for Continued Airworthiness (ICA) are provided by:

The G600 TXI Part 23 AML STC Maintenance Manual P/N 190-01717-B1 rev 1.

The GTN 750 System Maintenance Manual Part 23 AML STC P/N 190-01007-A1 Rev 9.

The MD 302 Installation Manual and Operation Instructions P/N 9017782 rev J section 5

- Attached to this document, LRU locations, wire routing, electrical wiring diagrams.
- Please see FAA Form 337 dated 06/27/2018 for details.

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of Federal Aviation Administration And In Accordance With EASA 145.A.50 And Is Approved For Return To Service For the Work Performed. Permanent Records Of The Repair Are on File At This Repair Station Under W.O. # 6355, Signature: K. Phongsavath Kam Phongsavath, Date : 06/27/2018

CRS # URZR891L / EASA. 145.5152

DAHER

FAA CRS # URZR891L / EASA.145.5152

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

Date : 06/27/2018

Serial Number : 356

Registration : N228CH

Aircraft type : TBM 700

Meter Time: 3436.4 Hobbs

Time Since New : 3436.4

Cycle Since New : 3450

Work Order : 6355

- Page 1/2
- Installed Dual USB charger TA 102 P/N 6430102-1 S/N E18-11777 on R/H lower panel PL 21 IAW True Blue Power Installation manual TA 102 Series P/N 9017942 Rev J. date January 4, 2017 and DAHER SOCATA Drawing T700A2500530 covered by SOCATA Mod 70-0581-25. Performed an operational check good.
- Installed G600 TXI PFD/MFD system IAW STC AML GARMIN FAA approved SA02571SE. Installed GTN 750 IAW STC AML GARMIN FAA approved SA02019SE-D last date amended November 25, 2014. Installed MD 302 Standby Instrument IAW STC AML Mid-Continent Instruments and Avionics FAA approved STC SA01969SE Dated January 17, 2014. The TBM 700/850 is included in the Garmin G600 STC Approved Model List FAA NÂ° SA02019SE-D and EASA NÂ° 10037574. The TBM 700/850 is included in the MD 302 STC Approved Model List FAA NÂ° SA01969SE and EASA NÂ° 10048833.
- The pilot GDU 1060 Display Unit P/N 011-03308-60 and MD 302 P/N 6420302-1 are installed on the new left instrument panel IAW DAHER SOCATA Drawing Left Dashboard assy T700A96.20733 covered by SOCATA Mod 70-604-00.
- Equipment removed:

- SG 465 Symbol Generator P/N 066-04021-1115 S/N 5453.
- ED 462 EADI P/N 066-03125-2600 S/N 3047.
- ED 461 EHSI P/N 066-03123-1600 S/N 2016.
- KVG 350 Attitude Gyro P/N 060-00026-0000 S/N 4110.
- KSG 105 Directional Gyro P/N 060-00013-0001 S/N 8958.
- KA 51B Slaving Panel P/N 071-01242-0006 S/N, 36822.
- KAS 297C Altitude Preselector P/N 065-00089-04 S/N 1825.
- AM 250 RVSM Altimeter Encoder P/N 70259N01D01 S/N 05060241D.
- KRG 332 Rate Gyro P/N 060-00033-0000 S/N 10993.
- 8040 Air Speed Indicator P/N UI 8040 B.850 S/N 203361.
- 7060 Vertical Speed Indicator P/N UI7060 code-C118 S/N 314047.
- KI 229 Radio Magnetic Indicator P/N 066-3038-00 S/N 11635.
- KDI 574 DME Indicator P/N 066-01069-0004 S/N 84756.
- GI106A NAV/ILS OBS indicator P/N 013-00049-01 S/N K05-10082.
- GNS 530 W P/N 011-01064-40 S/N 78413293, 78414301.
- Air Attitude Gyro SYGMATECH P/N 1U149-014-12 S/N T75934P.
- GMX 200 Multi Function Display P/N 011-01467-00 S/N 17000638.
- OAT DAVTRON P/N 301 S/N A6674.
- ART 2000 Weather Radar P/N 071-01519-0101 S/N 13150.

N228CH S/N: 356 May 7, 2018 A/C TT: 3422.1hr. Hobbs: 3422.1hr. Landing Cycles: 3433

Jacked aircraft. Removed **Right** wheel assembly, disassembled, cleaned, visually inspected and no defects noted. Reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 71682239 and o-rings, (1) P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 130 psi.

Work performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR46, section 32-40-01, pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.


Jeremy A. Greene AP3666293 For Medical Air Inc.

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ervice
hauler

DATE 6-26-2018 TACH HOUR METER 3436.4

MFG/MODEL Socata TBM700 SERIAL 356

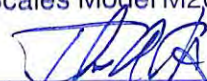
I certify that this aircraft was weighed in accordance with AC43.13-1B, change 1 in level flight attitude inside a closed hangar. Weighed with full oil. Weighed with fuel tanks empty. Weighed in accordance with

Socata TBM850 Maint. Manual, Section 08-10-00.

Scale readings were:

LH JACK 1720.0 RH JACK 1770.0 NOSE/TAIL xxx 1145.0

Scales Model M200-3-25-RDC, Serial 6569 Calibrated 12-11-2017

 AIRFRAME NO: 3485687

AIRCRAFT WEIGHING CORP.
954-772-0772

1020 N.W. 62nd St., Hgr #6
Ft. Lauderdale, FL 33309

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates	Temps de vol depuis la précédente opé- ration 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

I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed.

LH S/N:05060241D Date: 4/25/2018 tested to 35,000 feet.

RH S/N:05100289D Date: 4/25/2018 tested to 35,000 feet.

Stby S/N:447160 Date: 4/25/2018 tested to 35,000 feet.

Altitude reporting system tested to 35,000 feet.

I certify the transponder(s)

(#1) Make: Garmin Model: GTX-345 S/N: 3EG005400

(#2) Make: Garmin Model: GTX-330 S/N: 84113021

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 700 Maintenance Manual section 34-11-00.

Performed altitude alerter system visual and functional check in accordance with Socata TBM 700 Maintenance Manual section 22-11-00.

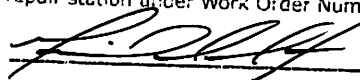
Complied with fuselage inspection/check, RVSM privilege, Static port height and slope check per Socata TBM 700 Maintenance Manual section 53-00-00.

Performed Air Data System adjustment/test in accordance with Socata TBM 700 Maintenance Manual section 34-11-00

Performed Air Data System adjustment/test in accordance with Socata TBM 700 Maintenance Manual section 34-11-00

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: A15-59376

Signed:



for Signature TechnicAir. CRS#: EWGR752D

Log Entry 2 of 2

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 : 3,413.40
A/C Hour Meter : 3,413.40
Landings :

A/C Reg # : N228CH
Work Order # A15-59376
A/C Ser # : 356

SIGNATURE
 **TECHNICAIR™**
Aircraft Maintenance
A BBA Aviation company

Log Book : Airframe

Date : 4/25/2018

1030 PTI Drive
Greensboro, NC 27409
P: 800-334-2001 | F: 336-668-4434

Special Inspection Items

I certify the transponder(s)

(#1) Make: Garmin Model: GTX-345 S/N: 3EG005400

(#2) Make: Garmin Model: GTX-330 S/N: 84113021

has been tested and inspected and found to comply with the requirements of F.A.R. 91.413.

I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed.

LH S/N:05060241D Date: 4/25/2018 tested to 35,000 feet.

RH S/N:05100289D Date: 4/25/2018 tested to 35,000 feet.

Stby S/N:447160 Date: 4/25/2018 tested to 35,000 feet.

Altitude reporting system tested to 35,000 feet.

I certify the transponder(s)

(#1) Make: Garmin Model: GTX-345 S/N: 3EG005400

(#2) Make: Garmin Model: GTX-330 S/N: 84113021

has been tested and inspected and found to comply with the requirements of F.A.R. 91.413.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N228CH S/N: 356 April 2, 2018 A/C TT: 3386.8hr. Hobbs: 3386.8hr. Landing Cycles: 3386

- Removed A40 deice timer P/N: 3E2311-4, S/N: UO575 and installed a serviceable timer

P/N: 3E2311-4, S/N: UO532 with **3404.1 hrs. TT**. Work performed IAW Daher MM

P/N: ZOO.DMAMMPXEEOR46, section 30-60-02, page 401. Ground ran aircraft and cycled prop deice several times with no defects noted.

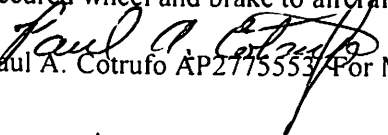

Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 April 13, 2018 Acft TT: 3397.0 Landing cycles: 3400

-Replaced propeller deice brushes with new Goodrich brushes, P/N: 3E1443-7 per DAHER Maintenance Manual R46, Section 30-60-01, p. 401-404. Ops check o.k.

-Complied with ICA Boom Beam Landing Light 100hr Inspection IAW LSM-500-045, Rev. B. No defects noted.

-Replaced right brake assembly with new Cleveland rotor, P/N: 159-02700. New wear pads, P/N: 109-01500, (32) and new rivets, P/N: 105-00900, (64). Assembled IAW Parker Hannifin CMM 30-19. Secured wheel and brake to aircraft.


Paul A. Cotrufo AP2775553 For Medical Air, Inc

N228CH S/N: 356 January 5, 2018 A/C TT: 3297.6hr. Hobbs: 3297.6hr. Landing Cycles: 3292 3 of 3

Special Inspection Items

- ICA- BBLL C/W the Boom Beam landing light 100hr. Inspection IAW LSM-500-045, Rev. B.
- 53-00-00-601 C/W RVSM Static Port Slope Check IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R46, section 53-00-00, pg. 601, paragraph I.B.5-10. No defects found at this time.

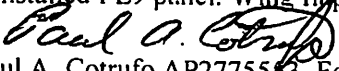
I certify this Aircraft has been inspected in accordance with (IAW) a Daher-Socata "A" Inspection using Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R46, and is approved for return to service.


David K. Eastwood AP2778982 for Medical Air Inc.

24 January 2018 N228CH S/N: 356 Acft TT: 3320.4. Landing cycles: 3314

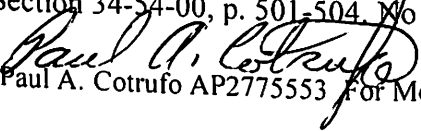
Removed PL9 Flap selector control panel. Replaced flap micro switches and "850" switch with new P/N: 7531170007 switches per DAHER Maintenance manual, R46, Section 27-50-04, p. 401-402.

Reinstalled PL9 panel. Wing flaps-Ops check o.k.


Paul A. Cotrufo AP2775553 For Medical Air, Inc

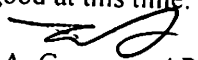
February 7, 2018 N228CH S/N: 356 Acft TT: 3352.9 Landing cycles: 3435

Removed KR-87 ADF indicator, P/N: 066-1072-14, S/N: 79404. Installed serviceable KR-87, P/N: 066-1072-14, S/N: 72547, repaired and inspected by El Paso Aero, CRS# VL1R562K on 9 Sept. 2016, W.O. 67553. Performed operational check per DAHER Maintenance Manual R46, Section 34-54-00, p. 501-504. No defects noted.


Paul A. Cotrufo AP2775553 For Medical Air, Inc

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

- D. N228CH S/N: 356 December 11, 2017 A/C TT: 3286.3hr. Hobbs: 3286.3hr. Landing Cycles: 3278
 - Removed defective pilot's seat horizontal locking cables. Installed new P/N: SOC421720-503, S/N: 9141394 horizontal locking assembly and adjusted as required per IAI Golan Industries, Maint. Manual, P/N: 503300008, Issue C, section 25-10-99 pages 314-315 and 714-715, 801, dated March 10, 2014. Seat functional check good at this time.


 Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 January 5, 2018 A/C TT: 3297.6hr. Hobbs: 3297.6hr. Landing Cycles: 3292 1 of 3
Special Inspection Items

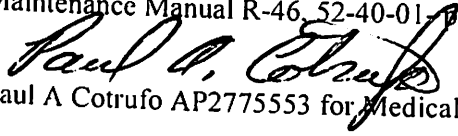
- Complied with DAHER SB70-118 Amend 1, Flap Actuator Free Play Check, by checking left and right flap actuator free play with tool P/N: T700A2799001030. Found left flap actuator within limits. Found right actuator nut free-play beyond limits per paragraph A (9) (b). Removed flap actuator nut (Inbd, Right flap). Installed new flap actuator nut, P/N: 7247230001 and secured cage with new screws and Loctite 222. Performed free play check per paragraph A (11) (a). No defects noted.

Next Inspection due at: 3497.6hr. TT.

- Complied with DAHER SB70-118 Amend. 1, Flap Actuator Lubrication by cleaning and lubricating flap jackscrews as required. Next Clean/Lube due: 3497.6hr. TT.

- Removed aircraft battery, Concorde RG380E/44, S/N: 40660055. Installed new Concorde battery, P/N: RG380E/44, S/N: 40798347. Boost charge accomplished 12/15/2017.

- Defueled right wing. Removed fuel door, 633, removed sealant from areas around inserts. Cleaned tank bay as needed. Applied PR1422B-2 sealant as required. Installed door 633 with new gasket, P/N: 7423210090. Removed door 631, visually inspected for debris- no anomalies noted. Reinstalled door with new gasket, P/N: 7423210090 and torqued screws for both doors per DAHER Maintenance Manual R-46, 52-40-01, 401-405. Serviced fuel tank with Jet A-1, Positive, 110 gallons. No leaks noted.


 Paul A Cotrufo AP2775553 for Medical Air Inc.

N228CH S/N: 356 January 5, 2018 A/C TT: 3297.6hr. Hobbs: 3297.6hr. Landing Cycles: 3292 2 of 3
Special Inspection Items

- Replaced Left brake wear pads with new pads P/N: 109-01500 (32) and new rivets P/N: 105-00900 (64). Replaced brake rotor assembly with new P/N: 159-02700. Installed IAW Parker Hannifin CM30-191 component maintenance manual.


 Jeremy A. Greene AP 3666293 for Medical Air Inc.

Détails vérifications et tra

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Particulars of inspection

Me



SIGNATURE
TECHNICAIRTM
Aircraft Maintenance
A BBA Aviation company

11/07/2017 NH:N228CH MODEL:TBM 700 SN:356 TT/HM:3238.6 WO#:A19-17-03293

1. Trouble shot #2 Com antenna feed, traced fault to an intermittent short at the 90 Deg. connector at the rear plate of the #2 GNS 530 mounting frame. Removed and replaced RF connector. Reassembled, System checks good on ramp IAW Garmin GNS 530 Installation manual.

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

APPROVED BY

Signature TechnicAir Winston Salem NC FAA Repair Station PAIR208A

8 Nov. 2017 N228CH S/N: 356 Acft TT: 3239.2 Landing cycles: 3235

- Removed no. 2 Comm. Antenna E2 (top of fuselage) Chelton 16-21BP3, S/N: 21483. Cleaned and prepped fuselage skin as required. Installed Saywell Antenna P/N: 10-118-27B, S/N: 6047 per DAHER Maintenance Manual Section 23-1302, p. 401-404. Performed functional test per 23-10-00, p.501. Ops check o.k.

Paul A. Cotrufo AP2775553 For Medical Air, Inc

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

October 24, 2017**N228CH****Total time: 3223.9 hrs.****Landing cycles: 3218**

Removed left wing fuel door, #553. Cleaned and prepped sealant area around nutserts and door as needed. Applied PR1422B1/2 to sealant area. Installed door with new gasket P/N: 7423210089. Preceding work accomplished per DAHER Maintenance Manual R46, 28-40-01, p.401-402. Serviced aircraft with JetA+. No leaks noted.

 tretien
motive

Removed K20B relay. Installed new K20B relay, P/N: N7733901427. Ops check o.k.

Removed flap motor assembly (B10), P/N: 6157-1, S/N: 634. Installed serviceable flap motor assembly, P/N: 6157-1, S/N: 479. TIS: 3287.8 hrs (from N227CH). Preceding work accomplished per DAHER Maintenance Manual R-46, 27-50-01, p.402. Flap travel and operation, o.k.

Paul A. Cotrufo
Paul A. Cotrufo AP2775553 for Medical Air, Inc.

N228CH S/N: 356 October 24, 2017 A/C TT: 3223.9hr. Hobbs: 3223.9hr. Landing Cycles: 3218

Jacked aircraft. Removed Right wheel assembly, disassembled, cleaned, visually inspected and not defects noted. Reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 71682233 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 130 psi. Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR46, section 32-40-01, pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.

Jeremy A. Greene
Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 September 28, 2017 A/C TT: 3207.4hr. Hobbs: 3207.4hr. Landing Cycles: 3198
Removed co-pilots **Horizontal Reference Indicator** P/N: 504-0111-928, S/N: 504011192825013 and installed an
overhauled indicator P/N: 504-0111-928, S/N: 504000092825141 from Velocity Aerospace-Ft. Lauderdale FAA
Approval Cert #WI4R623M, work order #253949 dated April 7, 2016. Installed and ground operational check good.

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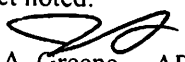

Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 October 4, 2017 A/C TT: 3211.6hr. Hobbs: 3211.6hr. Landing Cycles: 3200
C/W ICA- BBLL C/W the Boom Beam landing light 100hr. inspection IAW LSM-500-045, Rev. B. No defects
noted.

Jacked aircraft. Removed **Left** wheel assembly, disassembled, cleaned, visually inspected and not defects noted.
Reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 62472148 and o-rings,
(1)P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs.
Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings and axle. Reinstalled and safetied wheel
assembly. Serviced tire with nitrogen to 130 psi.

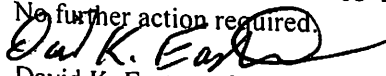
Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR46, section 32-40-01,
pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.

Replaced forward, outboard phenolic door pulley with new pulley P/N: MS24566-1B IAW DAHER-SOCATA
Maintenance Manual ZOO.DMAMMPXEEOR46, Section 52-11-02 page 402. Operated door after installation and
no defect noted.


Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 October 04, 2017 A/C TT: 3211.6hr. Hobbs: 3211.6hr. Landing Cycles: 3200
- Complied with AD 2017-15-15, Inspection of Flight Controls. This AD is N/A by aircraft serial number.

No further action required

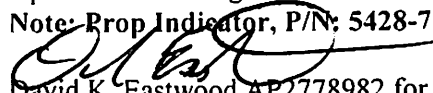

David K. Eastwood AP2778982 for Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N228CH S/N: 356 August 23, 2017 A/C TT: 3163.2hr. Hobbs: 3163.2hr. Landing Cycles: 3138

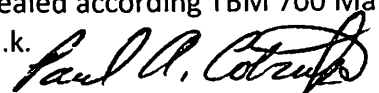
- Removed Prop Indicator, P/N: 5428-704-91-03, S/N: 2020. Installed serviceable Prop Indicator. P/N: 5428-704-91-03, S/N: 563. IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R46, section 77-00-01, pages 401-404. Operational check good at this time.

Note: Prop Indicator, P/N: 5428-704-91-03, S/N: 563 has 3236.4hrs. total time and 3578 landing cycles as of this date.


David K. Eastwood AP2778982 for Medical Air Inc.

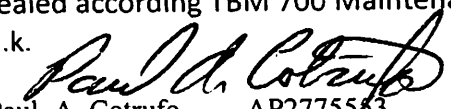
5 Sept. 2017 N228CH S/N: 356 Hobbs: 3174.8 hrs. Acft. TT: 3174.8 hrs (Lndg) Cycles: 3155

Removed ART 2000 (Radar) , P/N: 071-01519-0101, S/N: 10067. Installed P/N: 071-01519-0101, S/N: 5702 repaired by Honeywell,Int. PR2R093L, 18 Aug, 2017, w.o. 7780975. Transferred antenna to replacement unit. Set DIP switches according to the placard on the antenna. Reinstalled radome and sealed according TBM 700 Maintenance Manual,R46,Section: 34-42-01,p.401-404. Ground ops. Check o.k.


Paul A. Cotrufo AP2775553

11 Sept. 2017 N228CH S/N: 356 Hobbs: 3180.1 hrs. Acft. TT: 3180.1 hrs (Lndg) Cycles: 3163

Removed ART 2000 (Radar) , P/N: 071-01519-0101, S/N: 5702. Installed P/N: 071-01519-0101, S/N: 13150 repaired by Honeywell,Int. PR2R093L, 29 Aug, 2017, w.o. 7796458. Transferred antenna to replacement unit. Set DIP switches according to the placard on the antenna. Reinstalled radome and sealed according TBM 700 Maintenance Manual,R46,Section: 34-42-01,p.401-404. Ground ops. Check o.k.


Paul A. Cotrufo AP2775553

A/C Model : Socata TBM700
 Aircraft Time : 3,159.20
 A/C Hour Meter : 3,159.20
 Landings : 3,128

A/C Reg # : N228CH
 Work Order # : A15-57988
 A/C Ser # : 356



SIGNATURE
TECHNICAIR
 Aircraft Maintenance
 A BBA Aviation company

ce
 er

Log Book : Airframe

Date : 8/22/2017

1030 PTI Drive
 Greensboro, NC 27409
 P: 800-334-2001 | F: 336-668-4434

Routine Maintenance

- 34-00-00 Removed SG-465. P/N: 066-04021-1115. S/N: 5755. Installed modified SG-465. P/N: 066-04021-1115. S/N: 5453, modification performed by CRS: PR2R093L. WRK: 318666604, dated: 01/JUN/2015. Performed configuration and operational check - good at this time. All work done in accordance with Socata TBM-850 Maintenance Manual section 34-28-03 and 34-28-00.
- 34-00-00 Removed Pilot's EHSI, ED461. P/N: 066-03123-1600. S/N: 2596. Installed Pilot's tested EHSI ED461. P/N: 066-03123-1600. S/N: 2016, testing performed by CRS: PR2R093L. WRK: 7639485, dated: 13/JUN/2017. Performed configuration and operational check - good at this time. All work done in accordance with Socata TBM-850 Maintenance Manual section 34-28-01 and 34-28-00.

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: A15-57988

Signed

for Signature TechnicAir CRS#: FWGR752D

N228CH S/N: 356 August 21, 2017 A/C TT: 3160.7hr. Hobbs: 3160.7hr. Landing Cycles: 3131

- Removed Cleveland nose wheel assembly, P/N: 40-262AA, S/N: 1805 and Michelin Aviator nose tire, P/N: 5.00-5 10ply, S/N: 0329S00319.
 - Assembled Cleveland serviceable nose wheel assembly, P/N: 40-262AA, S/N: 1842 with new Michelin Aviation nose tire, P/N: 5.00-5, 10ply, S/N: 4084S00105. Torqued wheel halves with new o-ring, P/N: MS28775-242, balanced wheel assembly and serviced with nitrogen. Cleaned, inspected, and lubed wheel bearings. Secured wheel assembly to aircraft.
- Note: Nose wheel assembly S/N: 1842 has 50.6hrs. total time and 65 landing cycles as of this date.

David K. Eastwood AP2778982 for Medical Air Inc.

[illegible]

Particulars of inspections and maintenance – Minor or major overhauls

Stamp and signature of overhauler

Modifications – Test flights

Maintenance release

DATE 5-31-2017 TACH _____ HOUR METER 3113.0MFG/MODEL Socata TBM700 SERIAL 356

I certify that this aircraft was weighed in accordance with AC43.13-1B, change 1 in level flight attitude inside a closed hangar. Weighed with full oil. Weighed with fuel tanks empty. Weighed in accordance with

TBM850 Maintenance Manual, Section 08-10-00.

Scale readings were:

LH JACK 1720.0 RH JACK 1800.0 NOSE ~~TAIL~~ 1170.0Scales Model 3-0101-312C, Serial 6569 Calibrated 12-2-2016 AIRFRAME NO: 3485687**AIRCRAFT WEIGHING CORP.**
954-928-16191020 N.W. 62nd St., Hgr #6
Ft. Lauderdale, FL 33309**N228CH S/N: 356 June 15, 2017 A/C TT: 3120.7hr. Hobbs: 3120.7hr. Landing Cycles: 3071**

Removed Oxygen Altimetric Valve P/N: 449325, S/N: 331 and installed an overhauled valve

P/N: 449325, S/N: 310. Overhauled by Zodiac Services Americas, FAA Cert #QX3R805L work order #45411611 dated June 6, 2017. Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR46, section 35-21-02, page 401-402.


Jeremy A. Greene AP3666293 For Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

DAHER

FAA CRS # URZR891L / EASA.145.5152

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

Aircraft type : TBM 850

Work Order : 6051

Date : 05/30/2017

Serial Number : 356

Registration : N228CH

Meter Time: 3111.2 Hobbs

Time Since New : 3111.2

Cycle Since New : 3149

- Page 2/2
- Drained R/H fuel tank, removed fuel access panels No. 632,633, cleaned and resealed the removed panels with new gaskets P/N. 7423210089, P/N. 7423210090, refueled and leak checked good
- Replaced 5ea. leaking rivets on L/H wing upper surface at rib N5, new rivets installed wet with sealant.
- Polished inside of left and right windshields as required.
- Replaced front upper engine cowl forward frame with a serviceable frame P/N T700A7110014111.
- Replaced deteriorated cabin air distribution system hoses with new: P/N T700A2120096100, P/N T700A2120032105
- The Shadin ETM is not reading correctly. Performed ETM IAS #1 and #2 airspeed operational test, all tests are within limits.
- Replaced Shadin fuel flow transducer with new customer supplied unit P/N 660526, S/N 4624 Re programmed fuel flow K factor to 43.2 as required and Ops. checked good.
- Replaced left and right spoiler control rod ends assy with new P/N 7235231404.
- Replaced left and right elevators inboard hinge fittings with new P/N T700A5510023000, T700A5510023001.
- ✓ - Replaced prop. beta carbon brush block with new P/N 57A3026/6036387238.
- Replaced prop. de ice brush block assy with new P/N 6034747270, ops checked good.
- Replaced water separator condenser (sock) with new P/N 6000807231.
- ✓ - Replaced all brake linings with new P/N 7687730500.
- Replaced inertial separator upper control lever with new P/N T700A7160061100 and Ops. checked good.
- Replaced placards with new as required.
- Replaced L/H rear static lines with correct lines P/N T700A3415035000 and clamps P/N 7141230011, performed system leak test good.
- Removed A14 landing gear control unit S/N 817, installed an inspected/tested unit P/N 6003777257/LGCP07-07, S/N 594. Performed operational test satisfactory.

The aircraft Airframe, ~~Engine, Propeller~~, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of Federal Aviation Administration And Is Approved For Return To Service For the Work Performed. Permanent Records Of The Repair Are on File At This Repair Station Under W.O. # 6051, Signature: K. Phongsavath Kam Phongsavath, Date : 05/30/2017 CRS # URZR891L / EASA. 145.5152

Required function test flight in accordance with manufacturer's specifications and the flight manual has been accomplished. Aircraft exhibits normal flight characteristics.

Signature: ATP 3296480

Flight Test

I certify that this Aircraft/Engine/Propeller/Appliance has been inspected/repared in accordance with "C +" inspection per Socata MM & Far 43 and determine to be in Airworthy condition. Pertinent details on file under W.O # 6051 and copy given to customer.
Aircraft T.T : 3111.2 Engine T.T : 2988.6 Prop T.T : 2009.2
Signature: K. Phongsavath Date : 05/30/2017
CRS # URZR891L / EASA 145.5152



FAA CRS # URZR891L / EASA.145.5152

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

Date : 05/30/2017

Serial Number : 356

Registration : N228CH

Aircraft type : TBM 850

Meter Time: 3111.2 Hobbs

Time Since New : 3111.2

Cycle Since New : ~~3449~~ 3061 DSE

Work Order : 6051

- Page 1/2

- ✓ Performed a Standard Program - C+/Annual inspection IAW TBM Maintenance manual chapters 05-20-04/05-20-05. 14 CFR 91.409(a)(1) and Part 43 Appendix D.
- ✓ Removed A/P Pitch servo KAS-270A S/N 30700, Yaw servo KS-271A S/N 44118, Pitch trim servo KS-272A S/N 49240, Roll servo KS-271A S/N 44127, performed clutch friction torque check IAW MM. Ch. 22-11-00, re-installed and Ops. checked good.
- ✓ Inspect and tested ELT S/N 12937 IAW the requirements of FAR 91-207 Par. (d) and TBM MM, battery expired 09/2019.
- ✓ Removed, performed cap test and recharged battery S/N 40660055. Capacity tested 86%, re-installed and Ops. checked good.
- ✓ Performed an annual functional test of A81 altitude/vertical speed selector IAW TBM Maintenance manual chapter 22-11-07. Inspected static ports and RVSM critical area for any defect IAW MM Ch. 53-00-00, Fig. 604, no defect noted.
- ✓ C/W 2 yrs./400 hrs. Fuel low level sensors, do a low level test, found satisfactory.
- ✓ C/W 3 yrs. Replaced hydraulic fluid with new 5606.
- ✓ C/W 4 yrs./1500 hrs. Checked for cleanliness and condition of fuel strainers, no defect. Checked rubber conditions of fuel tank flapper valves. Replaced a defective R/H fuel tank forward flapper valve with new P/N T700A2810012000.
- ✓ C/W 5 yrs. Weighed the aircraft by Aircraft Weighing Corp. W.O. 4392.
- ✓ C/W 10 yrs. Overhauled Electro-Hydraulic Generator P/N 1118-04 S/N 401 by Zodiac Services Americas CRS # I2XR2050, W.O. 0050595116/45411832, date 04/May/2017. Re-installed and Ops. checked good.
- ✓ C/W 10 yrs. Vertical Stabilizer Structural First inspection for fatigue and corrosion IAW Socata maintenance manual chapter 55-30-00-604, Paragraph 3. No defect noted. Next inspection due 05/2022 on 3111.2 hrs. 6111.2 hrs. 11 DSE
- ✓ C/W 10 yrs. Removed and re-installed landing gears: L/H S/N B166, R/H S/N B169, Nose S/N B169 after complying with 10 years Long Life Program Inspection by DRJ Technologies CRS # QKXR998L, W.O. 315299, 315300, 315301, date 22-May-2017. L/H LDG body was changed with new reinforced body P/N D68161-1, R/H LDG body was changed with new reinforced body P/N D68162-1, (Ref. SB 70-130-32, Rev.3). Repetitive inspection of main landing gears IAW AD 2015-17-10 is no longer required.
- ✓ C/W 15 yrs. Replaced oxygen cylinder assembly S/N ALT279-8030 with new P/N 6027217234/2213-6519 S/N 949, Mfg. 09/2015, next hydro test 09/2020, cylinder service life expired 09/2030. Serviced oxygen cylinder to proper pressure and leak checked good.
- ✓ C/W 3000 hrs. Inspected large door frame structure for cracks and loose rivets IAW TBM Maintenance manual chapter 53-00-00-603, Par.3, no defects noted.
- ✓ C/W SB 70-118 Amdt.1 Cleaned, inspected, lubricated flap actuator rods and checked play between drive nuts and flap internal actuator rods found to be within limit.
- ✓ C/W AD 2002-19-01 by checking the flight control roll travel for jamming IAW SB 70-095 Amdt. 1, mandatory compliance after flight control system undergoes maintenance. No defects noted.
- ✓ C/W GDL 69/69A Satellite Radio periodic inspection IAW Instructions for Continued Airworthiness SA1487SE, no defects noted.
- ✓ C/W GMX 200 periodic inspection IAW Instruction for Continued Airworthiness SA01692SE, no defects noted.
- ✓ C/w GNS 530W visual inspection as required, no defects noted.
- ✓ C/W Boom Beam Landing Light annual inspection IAW Instructions for Continued Airworthiness LSM-500-045 Rev D, no defects noted.
- Replaced both vertical stabilizer rear and front attachment expandable bolts with new P/N 7022810298 and new P/N 7022810299 Post MOD70-205-55.
- Replaced K20B master relay with new P/N 7733901427 and Ops. checked good.
- Replaced DME antenna with new P/N 6045367275 and Ops. checked good.
- Replaced P3 bleed line seals with new P/N 7422400002, leak checked good.
- Replaced main cabin door seal with customer supplied seal P/N T700B521027810100 and leak checked good.

N228CH S/N: 356 March 30, 2017 A/C TT: 3089.7hr. Hobbs: 3089.7hr. Landing Cycles: 3035
Removed faulty **KS270A Pitch Servo** P/N: 065-0059-23, S/N: 30786. Installed repaired **KS270A Pitch Servo**
P/N: 065-0059-23, S/N: 30700 from Honeywell International Olathe, KS Cert # PR2R093L WO #7254986
dated December 22, 2016. Performed an autopilot operational test and unit passes test. All work done IAW
DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R46, section 22-11-04.


Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 April 19, 2017 A/C TT: 3108.4hr. Hobbs: 3108.4hr. Landing Cycles: 3060
- Comply with AD2017-04-06 United Instruments, Inc. Altimeter Inspection. Complied with AD2017-04-06 IAW United
Instruments, Inc., SB #: 13, dated March 25, 2016. AD is N/A by date and S/N. No further action required.
United Instruments, Inc.. Standby Altimeter P/N: 5934PAD-3, S/N: 447160 installed in N228CH.


David K. Eastwood AP2778982 for Medical Air Inc.

N228CH S/N: 356 March 9, 2017 A/C TT: 3072.1hr. Hobbs: 3072.1hr. Landing Cycles: 3014

- Removed Horizontal Situation Indicator ED461, P/N: 066-03123-1600, S/N: 2461. Installed and functionally tested ED461, P/N: 066-03123-1600, S/N: ED461-2596 modified by Honeywell International, Inc. (PR2R093L), WO#: 318666604, dated November 3, 2016, IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R46, Chapter 34-28-01, pages 401-402.

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David K. Eastwood AP2778982 for Medical Air Inc.

N228CH S/N: 356 March 14, 2017 A/C TT: 3077.1hr. Hobbs: 3077.1hr. Landing Cycles: 3019

- Removed defective radar RDR2000, P/N: 071-01519-0101, S/N: 3889. Installed and functionally tested RDR2000 P/N: 071-01519-0101, S/N: 10067 modified by Honeywell International Inc. (PR2R093L), WO#: 7409810, dated March 01, 2017, IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R46, Chapter 34-42-01, pages 401-403.

David K. Eastwood AP2778982 for Medical Air Inc.

N228CH S/N: 356 March 22, 2017 A/C TT: 3088.1hr. Hobbs: 3088.1hr. Landing Cycles: 3033

Jacked aircraft. Removed Right wheel assembly, disassembled, cleaned, visually inspected and reassembled with a new Goodyear Flight Eagle tire. P/N: 185F03-5, 18x5.5, 10 ply, S/N: 61162211 and o-rings, (1)P/N: MS28775-261 and

(2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 130 psi.

Removed Left wheel assembly, disassembled, cleaned, visually inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 62482509 and o-rings, (1)P/N: MS28775-261 and

(2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings and axle. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 130 psi.

Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR46, section 32-40-01, pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.

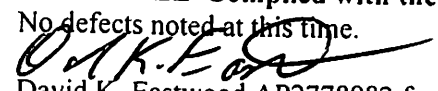
Jeremy A. Greene AP3666293 For Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

- I N228CH S/N: 356 January 16, 2017 A/C TT: 2998.6hr. Hobbs: 2998.6hr. Landing Cycles: 2932
Replaced **Right** side (pilot's) oxygen mask holder with new holder P/N: 6027217240. Reinstalled oxygen mask into
holder.


Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 January 26, 2017 A/C TT: 3010.4hr. Hobbs: 3010.4hr. Landing Cycles: 2943
- ICA- BBL Complied with the Boom Beam landing light 100hr. Inspection IAW LSM-500-045, Rev. B.
No defects noted at this time.


David K. Eastwood AP2778982 for Medical Air. Inc.

Medical Air, Inc

N228CH

S/N: 356

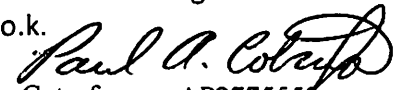
1 March 2017

Hobbs: 3056.7

Acft TT: 3056.7

(Lndg) Cycles: 2998

-Removed fuel manifold "T" fitting (T700A2825046101). Replaced S35 Fuel Pressure switch with new switch, P/N: 7126201004. Reinstalled "T" fitting with new o-ring, MS29512-10. Ground ran, no leaks found. Performed Engine Shutdown test, Daher Maintenance Manual, R46, Apr 14, 5-12-01, p.310: Ops check o.k.


Paul A. Cotrufo

AP2775553

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Détails vé

Particula

CERTIFICATE OF FLAMMABILITY TESTING

CC AVIATION, LLC.
 BRIAN FOSS
 242 SIERRA DR.
 WHITE LAKE, MI 48386
 (248) 716-9585
 FAX: (888) 990-1937
 E-MAIL: brian@ccaviation.net

TEST REPORT NO: 71796
 CONDITIONING DATE: 12/30/16
 TEST DATE: 01/02/17

TEMP: 74° HUMID: 52% FLAME 1554°
 CONDITIONING TIME: 9:30 AM
 TEST TIME: 10:00 AM

MATERIAL IDENTIFICATION: Composite Panel Build Up No: 356-1 Leather: Carlyle Wheat
 Lot No: 108476 Invoice No: 2126501 Moore & Giles adhered to DAX26.5 Skandia Order No: 0311050
 Skandia Adhesive: Hybond 12.

APPLICATION: DATA SHEET / SEATS / SOCATA TBM 700 S/N 356 N228CH

CUSTOMER: EXECUTIVE AIRCRAFT INTERIORS

60 Second Vertical Ignition: CFR 25.853 (a) Amdt. 25-116 Appendix F, Part (a) (1) (i).
 Requirements: 15 sec. extinguish time; 6 inch burn length; 3 sec drip extinguish time.

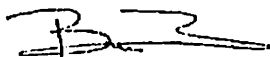
Extinguish Time: 0.0	Burn Length: 0.3	Drip Extinguish Time: None
Extinguish Time: 0.0	Burn Length: 0.2	Drip Extinguish Time: None
Extinguish Time: 0.0	Burn Length: 0.2	Drip Extinguish Time: None
Extinguish Time:	Burn Length:	Drip Extinguish Time:
Extinguish Time:	Burn Length:	Drip Extinguish Time:
Extinguish Time:	Burn Length:	Drip Extinguish Time:
AVERAGE 0.00	AVERAGE 0.23	AVERAGE 0.00

COMMENTS:

PASSED: X

FAILED:

Testing Witnessed and Approved By: Brian Foss Engineering Designer: Structures (Flammability Only)



Log Entry - KD Aviation / Reese**Date: 01/03/2016****Aircraft: TBM 700 s/n#356 reg# N228CH**

Aircraft completely stripped, etched, conversion coated, primed, and painted. Gear retraction performed after repaint (OK). All flight controls were removed for process, checked for static balance per manufacturers spec, and reinstalled. Replace lower bearing lock washer on rudder during reassembly.

Aircraft approved for return to service for the work performed above.

Colors: Jetglo 570765 White, Jetglo 12105 Blue, Acryglo 10568 Med Silver Metallic,

Skyscapes SGP06924 Charcoal Mist Pearl

Kenneth Reese AP# 2200970



EXECUTIVE AIRCRAFT INTERIORS, LLC

LOG BOOK SUPPLEMENT

PAGE 1 OF 1

N # 228CH	MANUFACTURER: SOCATA	MODEL# TBM-700	SERIAL # 356
TACH TIME:	LANDINGS:	WORK ORDER#:	DATE: 1/02/2016
REMOVE INTERIOR COMPONENTS AND RECOVER WITH CUSTOMER SELECTED MATERIAL.			

SEATS: UPHOLSTERED IN LEATHER FROM MOORE AND GILES, CARLYLE WHEAT, LOT#108476, FLAMMABILITY TEST PROVIDED BY CC AVIATION, TEST REPORT#71796, DATED 01/02/2016, SIGNED BY BRIAN FOSS, MEETS 60 SECOND VERTICAL BURN TEST BY CFR 25.853 (a) AMDT 25-116 APPENDIX F, PART I(a)(1)(ii).

NO CHANGE IN WEIGHT AND BALANCE.

PRETTIPAU, CHRIS JAMES


A&P/LA. 3332121

N228CH S/N: 356 October 27, 2016 A/C TT: 2941.9hr. Hobbs: 2941.9hr. Landing Cycles: 2885

64

Replaced pilot's visor with new Rosen visor P/N: N7716260003 (RTBM-200-1), S/N: M165197.


Jeremy A. Greene AP3666293 For Medical Air Inc.

rateur

in service

Stamp and signature of overhauler

N228CH S/N: 356 November 10, 2016 A/C TT: 2961.4hr. Hobbs: 2961.4hr. Landing Cycles: 2901

- Removed **Left** cowl door. Installed serviceable **Left** cowl door, P/N: T700A711002000200 supplied by DAHER, with 20 flight hours. Trimmed and adjusted to fit.


David K. Eastwood AP2778982 For Medical Air Inc.

N228CH S/N: 356 November 10, 2016 A/C TT: 2961.4hr. Hobbs: 2961.4hr. Landing Cycles: 2901

- Removed LoPresti **Left** landing light 35w ballast P/N: LSM-SCD-006-3, S/N: 31814 and installed new LoPresti 85w ballast P/N: LSM-SCD-019-5, S/N: 58335.

- Removed **Left** bulb starter P/N: LSM-SCD-009-1, S/N: 57374 and installed new bulb starter S/N: 57854. Installed a new lamp reflector assembly and new ballast-to-light bulb wire harness.

- Removed LoPresti **Right** landing light 35w ballast P/N: LSM-SCD-006-3, S/N: 31812 and installed new LoPresti 85w ballast P/N: LSM-SCD-019-5, S/N: 58336.

- Removed **Right** bulb starter P/N: LSM-SCD-009-1, S/N: 54527 and installed new bulb starter S/N: 57855. Installed a new lamp reflector assembly and new ballast-to-light bulb wire harness. Installed and adjusted per LSM-500-045, Rev. D. 12-3-15.

- Adjusted weight and balance as required. Both **Left** and **Right** landing lights work correctly.


Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 October 13, 2016 A/C TT: 2916.3hr. Hobbs: 2916.3hr. Landing Cycles: 2860 1 of 3

Special Inspection Items

- C/W Special Check #21 - Standby Generator 600hr. Brush Check. Removed brush holder assembly. Checked IAW Hartzell SL A-116 dated April 14, 2015. Brush height below limits. Installed new brush assembly, P/N: ALE3045BS. Ground operational checked good at this time. Next brush inspection due at: 3516.3hr. TT.
- C/W Special Check #83 Check Condition of Vacuum Filter. Replaced vacuum filter with new Tempest AAD9-18-1 filter. Filter next due replacement at: 3416.3hr. TT.
- Complied with Daher-Socata MSB70-118 Amend. 1, Flap Actuator Free Play Check by checking left and right flap actuator free play with tool P/N: T700A2799001030. Found both flap actuators within limits. Next inspection due at: 3116.3hr. TT.
- Complied with MSB70-118 Amend. 1 by Cleaning and Lubing all flap actuator jackscrews. Next inspection due at: 3116.3hr. TT.
- Replaced SG1 belt with new, P/N: N7133601787.
- Replaced right fuel quantity decal with new P/N: T700A112001010150.
- Replaced Right glareshield lighting tube, P/N: N7824115311. Ops checked good at this time.

Paul A. Cotrufo
Paul A Cotrufo AP2775553 for Medical Air Inc.

N228CH S/N: 356 October 13, 2016 A/C TT: 2916.3hr. Hobbs: 2916.3hr. Landing Cycles: 2860 2 of 3

Special Inspection Items

- C/W Special Check #23 -Starter/Generator 600hr. Brush Check. Removed starter/generator P/N: 8012F, S/N: 393. Checked brushes and all brushes are within limits per Thales Avionics SB 8012-21-004 dated December 18, 2003. Reinstalled same starter/generator IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R45/TR057.37, section 24-30-03 page 402-403 using a new oring P/N: M83248/1-113. Ground ran and operational checkout good. No leaks detected. Next brush inspection due at: 3516.3hr. TT.
- C/W Special Check #33 Beta Ring & Carbon Block Check. Brush block worn beyond limits. Installed new brush block, P/N: N6036387238. Next due inspection at: 3516.3hr. TT.
- C/W Special Check #88 Replace Airframe Fuel Filter Element. - Replaced airframe fuel filter with new filter P/N: 6007707270. Installed using new O-rings P/N: 6071017253 (1) and 7423800088 (2) IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R45/TR057.37, section 28-20-01 pages 301-304. Pressure tested and no leaks detected. Fuel filter due next replacement: 3516.3hr. TT.

Jeremy A. Greene
Jeremy A. Greene AP 3666293 for Medical Air Inc.

N228CH S/N: 356 October 13, 2016 A/C TT: 2916.3hr. Hobbs: 2916.3hr. Landing Cycles: 2860 3 of 3

Special Inspection Items

- ICA- BBLL C/W the Boom Beam landing light 100hr. Inspection IAW LSM-500-045, Rev. B.
 - 53-00-00-601 C/W RVSM Static Port Slope Check IAW DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R45/TR057.37, section 53-00-00, pg. 601, paragraph 1.B.5-10. No defects found at this time.
 - Installed Temporary Revision 24, dated July 2016 in the POH. (Z00.DMNFM00EE0T24EN).
- I certify this Aircraft has been inspected in accordance with (IAW) a Daher-Socata "A" Inspection using Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, with Temporary Revisions through 057.37 and is approved for return to service.

David K. Eastwood
David K. Eastwood AP2778982 for Medical Air Inc.

A/C Model : Socata TBM700
Aircraft Time : 2,913.00
A/C Hour Meter :
Landings : 2,856

A/C Reg # : NDT-Medical Air Operation
Work Order # : S15-56230
A/C Ser # : 356



SIGNATURE
TECHNICAIR
Aircraft Maintenance
A BBA Aviation company

63

Log Book : Airframe

Date : 9/30/2016

1030 PTI Drive
Greensboro, NC 27409
P: 800-334-2001 | F: 336-668-4434

Routine Maintenance

05-00-00-01

Complied with Eddy Current NDT inspection on LH and RH MLG Strut Housings. IAW Socata SB70-130. Rev.3. No relevant indications present at time of inspection.

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: S15-56230

Signed:

for Signature TechnicAir CRS#: EWGR752D

N228CH S/N: 356 September 30, 2016 A/C TT: 2913.0hr. Hobbs: 2913.0hr. Landing Cycles: 2856
- Complied with (C/W) AD 2015-17-10, Socata SB70-130 Amdt. 3. Landing Gear Strut Housing Inspection. Signature Technicair, FAA CRS EWGR752D, WO# S15-56230 dated, 09-30-2016 performed eddy current inspection IAW SB70-130 Amdt 3, section "C". No cracks found in left or right main landing gear strut housings at this time. Next Inspection due: 3096 landing cycles.

David K. Eastwood AP2778982 for Medical Air Inc.

N228CH S/N: 356 October 3, 2016 A/C TT: 2913.0hr. Hobbs: 2913.0hr. Landing Cycles: 2856

Jacked aircraft. Removed **Right** wheel assembly, disassembled, cleaned, inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 31972342 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 135 psi.

Removed **Left** wheel assembly, disassembled, cleaned, inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 31972337 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 135 psi.

Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR45 with TR053.37, section 32-40-01, pages 401-408.

Replaced **Right** brake wear pads with new wear pads P/N: 109-01500 (32) and new rivets P/N: 105-00900 (64).

Replaced **Left** brake wear pads with new pads P/N: 109-01500 (32) and new rivets P/N: 105-00900 (64). Installed IAW Parker Hannifin CM30-191 Rev. A component maintenance manual.

Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.

Jeremy A. Greene AP3666293

For Medical Air Inc.

- Removed Left O2 Mask Regulator (co-pilots' O2 mask) P/N: MRA005, S/N: 1827 for over overhaul. Installed serviceable O2 mask, S/N: 2401. Performed operational test of the mask per Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, with Temporary Revisions through 057.37, section 35-00-00, page 502. Ops checked good at this time.

- Removed Right O2 Mask Regulator (pilot's O2 mask) P/N: MRA005, S/N: 1826 for over overhaul. Installed serviceable O2 mask, S/N: 1702. Performed operational test of the mask per Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, with Temporary Revisions through 057.37, section 35-00-00, page 502. Ops checked good at this time.

good at this time.

David K. Eastwood AP2778982 for Medical Air Inc.

- Removed **Left** serviceable O2 Mask Regulator (co-pilots' O2 mask), S/N: 2401. Reinstalled original **Left O2** mask, MRA005, S/N: 1827 after overhaul by Zodiac Services Americas CERT.: QX3R805L, WO#: 0050529964, dated, September 15, 2016.

Performed operational test of the mask per Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXE0R45, with Temporary Revisions through 057.37, section 35-00-00, page 502. Ops checked good at this time.

- Removed **Right** serviceable O2 Mask Regulator (pilot's O2 mask), S/N: 1702. Reinstalled original **Right O2** mask, MRA005, S/N: 1826 after overhaul by Zodiac Services Americas CERT.: QX3R805L, WO#: 0050529955, dated, September 15, 2016.

Performed operational test of the mask per Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, with Temporary Revisions through 057.37, section 35-00-00, page 502. Ops checked good at this time.

Paul K. Eassey

David K. Eastwood AP2778982 for Medical Air Inc.

[illegible]

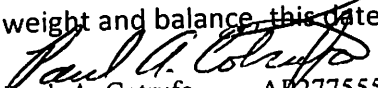
Dét:

Medical Air, Inc

Pa

N228CH**S/N: 356****August 1, 2016****Hobbs: 2837.1****Acft TT: 2837.1****(Lndg) Cycles: 2754**

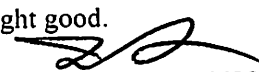
Removed L'Hotellier Portable Fire Extinguisher, S/N: RM:72975 and bracket. Installed AMEREX portable fire extinguisher, Model C352, No. B-74101102 and supplied bracket in existing location. See revised weight and balance, this date.


Paul A Cotrufo

AP2775553

N228CH S/N: 356 August 24, 2016 A/C TT: 2855.8hr. Hobbs: 2855.8hr. Landing Cycles: 2782

Removed **Left landing light bulb/starter** P/N: LSM-SCD-009-1, S/N: 48164 and installed new bulb P/N: LSM-SCD-009-1, S/N: 57374, adjusted per LSM-500-045, Rev. B. 10-26-11. Operational checkout of the landing light good.

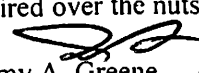

Jeremy A. Greene

AP3666293

For Medical Air Inc.

N228CH S/N: 356 August 30, 2016 A/C TT: 2859.0hr. Hobbs: 2859.0hr. Landing Cycles: 2784

- Replaced LH landing gear bonding strap with new bonding strap P/N: N6028207283. Applied PRC sealant as required over the nuts and bolt heads.


Jeremy A. Greene

AP3666293

For Medical Air Inc.

A/C Model : Socata TBM700
 Aircraft Time : 2.801.60
 A/C Hour Meter : 2.801.60
 Landings :

A/C Reg # : Medical Air Operations / U!
 Work Order # : A15-55690
 A/C Scr # : 356

SIGNATURE
 **TECHNICAIR**
 Aircraft Maintenance
 A BBA Aviation company

Log Book : Airframe

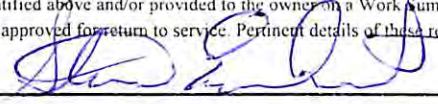
Date : 6/24/2016

1030 PTI Drive
 Greensboro, NC 27409
 P: 800-334-2001 | F: 336-668-4434

Routine Maintenance

34-00-00 Removed defective radar RDR2000 PN:071-01519-0101 SN:5612. Installed and functionally tested RDR2000 PN:071-01519-0101 SN:3889 supplied by CRS:PR2R093L under WO:31866604 dated Jun 21 2016. All work performed in accordance with Honeywell RDR2000 installation manual.

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: A15-55690

Signed:  for Signature TechnicAir. CRS#: EWGR752D

Medical Air, Inc

N228CH

S/N: 356

15 July 2016

Hobbs: 2820.8

Acft TT: 2820.8

(Lndg) Cycles: 2731

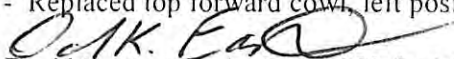
- Removed low pressure fuel pump, LHC P/N: 1127-01, No 387. Installed new fuel pump, P/N: 1127-02, S/N: 923 with new gasket. Safetied attach bolts and secured fuel lines. Ground ran, fuel pressure output nominal, no leaks noted. Preceding work accomplished in accordance with TBM Maintenance Manual R45, Section 28-20-04, p. 401-404.

Paul A. Cotrufo

AP2775553

N228CH S/N: 356 July 15, 2016 A/C TT: 2820.2hr. Hobbs: 2820.8hr. Landing Cycles: 2731

- ICA- BBLL C/W the Boom Beam Landing Light 100hr. Inspection IAW LSM-500-045, Rev. B. No defects noted at this time.
 - Replaced top forward cowl, left position guide pin, P/N: T700A7110031100.


 David K. Eastwood AP2778982 for Medical Air Inc.

UNC Air Operations

AHEC

N228CH

S/N: 356

24 May 2016

Hobbs: 2761.8

Acft TT: 2761.8

(Lndg) Cycles: 2661

ture réparateur

remise en service

ture of overhauler

nce release

- Removed right brake assembly. Disassembled, cleaned, and repacked with new o-rings, P/N: MS28775-122, and scrapers, P/N: 107-03100. Bled brake. Secured brake and wheel assembly to aircraft. Work performed per TBM 700 Maintenance Manual R45, 32-40-03, p. 401-406.

- Replaced FWD bolt, main cabin door roller, P/N: N5106572529 with new nut, P/N: NAS1291-06.

Paul A. Cotrufo

AP2779553

N228CH S/N: 356 June 6, 2016 A/C TT: 2780.6hr. Hobbs: 2780.6hr. Landing Cycles: 2679

- Removed stairway assembly. Replaced cables P/N: T700B526004310000, P/N: T700B526004310100 and cable P/N: T700B526004310200. Reinstalled stairway assembly. Adjusted stairway mechanism. Work performed in accordance with DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R45/TR057, section 52-60-00(BA), pages 501-506 and section 52-60-01(CA), pages 401-402.

- Jacked aircraft. Removed Left wheel assembly, disassembled, cleaned, inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, S/N: 963731962238 and O-rings, (1) P/N: MS28775-261 and (2) M83461/1-145. Torqued wheel halves to 325 in. lbs. Balanced wheel assembly. Reinstalled and safetied wheel assembly. Service tire with nitrogen to 135 psi. Worked performed in accordance with (IAW) DAHER-SOCATA Maintenance Manual Z00.DMAMMPXEE0R45/TR057, section 32-40-01(CA), pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.

- Removed KAS 297C (Alt pre-selector) P/N: 065-0089-04, S/N: 2509. Installed Tested unit P/N: 065-0089-04, S/N: 1825 by Honeywell International Inc., FAA Cert.: PR2R093L, WO#: 318666604, dated April 6, 2016. Ground checked ok at this time.

DAKED
David K. Eastwood AP2778982 for Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N228CH S/N: 356 April 25, 2016 A/C TT: 2725.2hr. Hobbs: 2725.2hr. Landing Cycles: 2617 5 of 5

Special Inspection Items

- C/W Special Check #87 - 1 Year - Check Refrigerant Charge in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37 Chapter 12-15-03-301.
 - C/W Special Check #95 - 1 Year - Check Rudder Cable Tensions in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37 Chapter 27-20-00-501.
 - C/W Special Check #96 - 1 Year - Check Elevator Trim Tab Cable Tensions in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37 Chapter 27-30-00-501.
 - C/W Special Check #113 - 1 Year - Inspect Left, Right and Nose Landing Gear in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 32-00-00-601.
 - Complied with (C/W) AD 2015-17-10, Socata SB70-130 Amdt. 3. Landing Gear Strut Housing Inspection. Landmark Aviation, FAA CRS EWGR752D, WO# S15-54873 dated, 04-08-2016 performed eddy current inspection IAW SB70-130 Amdt 3, section "C". No cracks found in left or right main landing gear strut housings at this time.
- Next Inspection due: 2857 landing cycles.

- 1 Year- Performed Operational and Visual test of Aveo PosiStrobe MiniMax Flashing Beacons IAW Aveo PosiStrobe Installation Manual Rev. A., paragraph 7. Operational check normal.
- ICA- BBLL C/W the Boom Beam landing light 100hr. Inspection IAW LSM-500-045, Rev. B.
- ICA-GDL-69A C/W 12 month inspection of GDL 69/69A satellite radio SA01487SE IAW Doc#: 190-00355-00, Rev. F.
- ICA- GMX-200 C/W 12 month inspection of Garmin GMX200 SA0169SE IAW Doc#: 190-00607-00 Rev. A.
- ICA- GNS-530W C/W 12 month inspection of Garmin GNS530W SA01933LA IAW Doc#: 190-00357-65, Rev. D.

Routine Maintenance Items

- Replaced hose, P/N: T700A2120033102. (hose from right 'Y' to right glareshield defog duct).
- Replaced hose, P/N: T700A2120032105. (hose from left side of distribution box to left side passenger vents).
- C/W the 1 year Long Life Program Inspection. Nose S/N: B169, Left S/N: B166, Right S/N: B169.

I certify this Aircraft has been inspected in accordance with (IAW) a Daher-Socata "B+" Annual Inspection using Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, with Temporary Revisions through 057.37 and is approved for return to service.

David K. Eastwood
David K. Eastwood IA2778982 for Medical Air Inc.

April 25, 2016 N228CH S/N: 356 Aircraft TT: 2725.7hr. Landing Cycles: 2619
Test flew aircraft. No defects noted. Ref. FAR 91.407 (b).

Gordon P. Kramon ATP2210903 *GPK*

Routine Maintenance Items

- C/W Socata SB 70-148 Inspection of Brake Tube in Wing. Removed left and right gear well panels. Found corrosive pitting on left and right brake lines. Replaced left brake line, P/N: T700A3240044001, right brake line, P/N: T700A3240044000 IAW SB 70-148 directions.
- Replaced right main tire with new Goodyear Eagle 18x5.5, 10 ply, tubless tire, P/N: 185F03-5, S/N: 43482010. Secured wheel halves with new o-rings, (2) M83461/1-145 and MS28775-261 and new lock nuts. Balanced wheel assy. and serviced with nitrogen. Preceding work accomplished per SOCATA TBM 700 Maintenance Manual R45, TR057.37 Sect. 32-40-01 (CA), p.401-408.
- Installed new Right fuel quantity decal, P/N: T700A112001010150.

Paul A. Cotrufo
Paul A Cotrufo AP2775557 for Medical Air Inc.

Special Inspection Items

- C/W Special Check #19 – 1 Year - Battery Capacity Check. Removed battery, P/N: RG-380E/44, S/N: 40568388. Installed new battery, P/N: RG-380E/44, S/N: 40660055.
- C/W Special Check #79 – 1 Year - Inspect and Clean Passenger Oxygen Mask Boxes in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37 Chapter 35-20-02-601.
- C/W Special Check #82 Inspect and Disinfect Passenger Oxygen Masks in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 35-21-10-301.
- C/W Special Check #90 – 1 Year - Inspect and Clean Water Separator Filter in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37 Chapter 30-10-04-301 & 601.

Routine Maintenance Items

- Removed Radome assembly, P/N: 4906X-2-V1, S/N: 344 for repair. Reinstalled and sealed after repair by Poly-Fiber Enterprises, Inc., Cert. #: YXPR750X, WO#: 20555, dated April 20, 2016.

Jeremy A. Greene
Jeremy A. Greene AP3666293 for Medical Air Inc.

Special Inspection Items

- C/W Special Check #5 – 1 Year - Spoiler and Aileron Cable Tensions in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, with Temporary Revisions through 057.37 (DSTBM700CMM R45, TR057.37), Chapter 27-10-00-501.
- C/W Special Check #9 – 1 Year - Oxygen System Component & Lines Inspection in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37 Chapter 35-00-00-501.
- C/W Special Check #63 – 1 Year - Inspection of L'Hotellier Fire Extinguisher in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 26-20-01-601. Inspected no defects noted at this time. Wt.: 3 lbs., 6.4oz.
- C/W Special Check #77 – 1 Year - Inspection and Cleaning of Cockpit Oxygen Masks in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 35-10-02-601.
- C/W Special Check #83 - 1Year - Check for Cleanliness and Condition of Instrument Vacuum filter in reference to Daher-Socata TBM 700C Maintenance Manual. P/N: Z00.DAMAMMPXEE0R45, TR057.37 Chapter 37-10-06-401.
- Filter next due replacement at: 2834.4hr. or on condition.
- C/W Special Check #84 – 1 Year - Inspection of Under Floor & Emergency Exit Drain Holes in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37 Chapter 53-20-00-601. (Continued next page)

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N228CH S/N: 356 April 25, 2016 A/C TT: 2725.2hr. Hobbs: 2725.2hr. Landing Cycles: 2617 1 of 5

Special Inspection Items

- Da: - **C/W Special Check #3 - 1 Year - Protection of External Movable Parts** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, with Temporary Revisions through 057.37 (DSTBM700CMM R45, TR057.37), Chapter 12-21-04-301.
- Da: - **C/W Special Check #53 - 1 Year - Clean Outflow Valve Seat** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 21-30-02-701.
- **C/W Special Check #55 - 1 Year - Clean Safety Valve Seat** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 21-30-03-701.
- **C/W Special Check #114 - 1 Year - Lubricate Left, Right & Nose Landing Gear Axles** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 12-21-05-301.
- **C/W Special Check #115 - 1 Year - Clean Left & Right Main Landing Gear Wheel Bearings** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 32-40-01-601 & 12-21-05-301.
- **C/W Special Check #116 - 1 Year - Lubricate Left & Right Main Landing Gear Wheel Bearings** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 12-21-05-301.
- **C/W Special Check #117 - 1 Year - Inspect Left & Right Main Landing Gear Wheels & Bearings for Corrosion** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 05-20-05.
- **C/W Special Check #119 - 1 Year - Check Left and Right Main Landing Gear Shock - Absorber Inflation Pressure** in reference to Daher-Socata TBM 700C Maintenance Manual. P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 12-14-01-301.
- **C/W Special Check #125 - Overhaul Left Brake Assembly**
Removed left brake assembly, P/N: 30-191, S/N: 2377. Reinstalled after overhaul by Aviall Services, Inc., Cert. #: LV52029N. WO #: 2000126290, dated April 15, 2016. Preceding work accomplished IAW DAHER Maint. Manual P/N: Z00.DAMAMMPXEE0R45, TR057.37, Section 32-40-03, page 401 & 404. (Rotor & Pads replaced by Aviall Services)
- **C/W Special Check #125 - Overhaul Right Brake Assembly**
Removed Right brake assembly, P/N: 30-191, S/N: 1961. Reinstalled after overhaul by Aviall Services, Inc., Cert. #: LV52029N. WO #: 2000126291, dated April 15, 2016. Preceding work accomplished IAW DAHER Maint. Manual P/N: Z00.DAMAMMPXEE0R45, TR057.37, Section 32-40-03, page 401 & 404. (Rotor & Pads replaced by Aviall Services)
- **C/W Special Check #126 - 1 Year - Clean Nose Wheel Bearings** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 32-40-02-601 & 12-21-05-301.
- **C/W Special Check #127 - 1 Year - Lubricate Nose Wheel Bearings** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 12-21-05-301.
- **C/W Special Check #128 - 1 Year - Inspect Nose Wheel Bearings for Condition and Corrosion** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 05-20-05.
- **C/W Special Check #130 - 1 Year - Check Nose Landing Gear Shock - Absorber Inflation Pressure** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, TR057.37, Chapter 12-14-02-301.
- **Complied with (C/W) Socata TBM 700 SB 70-118 Amdt. 1, Flap Actuator Free Play Check.**
Replaced Left INBD flap carriage with new P/N: T700A575509700200, new actuator nut, P/N: 7247230001, new nut cover, P/N: T700A2750029000. Preceding work accomplished IAW DAHER Maint. Manual P/N: Z00.DAMAMMPXEE0R45, TR057.37, Section 27-50-00. Right flap actuator free play check within limits per SB 70-118 Amdt. 1.
- **Complied with (C/W) Socata TBM 700 SB 70-118 Amdt. 1, Flap Lubrication.** C/W SB 70-118 Amdt. 1 by cleaning and lubricating the flap actuator rods.

(Continued next page)

Special Check 71 Complied with Special Check 71.
 I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed.
 LH S/N:0506024ID Date: 4/6/2016 tested to 35,000 feet.
 RH S/N:05100289D Date: 4/6/2016 tested to 35,000 feet.
 Stby S/N:447160 Date: 4/6/2016 tested to 35,000 feet.
 Altitude reporting system tested to 35,000 feet.
 I certify the transponder(s) (#1) Make: Garmin Model: GTX-330 S/N: 84205696 (#2) Make: Garmin Model:
 GTX-327 S/N: 83717913 has been tested and inspected and found to comply with the requirements of F.A.R.
 91.413.

Special Check 73 Complied with Special Check 73.
 I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed.
 LH S/N:0506024ID Date: 4/6/2016 tested to 35,000 feet.
 RH S/N:05100289D Date: 4/6/2016 tested to 35,000 feet.
 Stby S/N:447160 Date: 4/6/2016 tested to 35,000 feet.
 Altitude reporting system tested to 35,000 feet.
 Performed Air Data System adjustment/test in accordance with Socata TBM 700 Maintenance Manual section
 34-11-00.

Special Check 94 Complied with Special Check 94-ELT inspection/operational test. M/N: C406-1 battery due replacement date:
 SEPT/2019 Operational Test (FAR 91.207(d) in accordance with Socata TBM850 aircraft maintenance manual
 chapter 25-61-00.

Airworthiness Directives

Complied with AD2015-17-10, Eddy-Current inspection on LH and RH main landing gear strut housings IAW Socata
 SB370-130, Rev.3. No relevant indications present at this time.

Routine Maintenance

27-00-00 Removed trim/auto-pilot disconnect button and bracket assembly and installed new button assembly P/N:
 N6045347298 on pilot side yoke. Operational check good. Work done in accordance with Socata Maintenance
 Manual 20-00-00.

51-00-00 Fabricated ELT bracket using .050 2024-T3 aluminum, treated with alodine, and applied epoxy primer in accordance
 with Beechcraft Baron Structural Inspection and Repair Manual Standard Practices 20-10-00.

52-00-00 Removed panel 531 and well nut ring. Installed new customer supplied well nut ring. Sealed inner fuel tank at well nut
 ring attach area as needed. Installed new door panel 531 with new customer supplied gasket. Work performed as
 per TBM maintenance manual 57-20-00 and 52-40-01. Leak check good.

52-00-00 Removed fuel door panel 633. Found un-seated well nut. Installed new well nut. Applied sealant to new well nut and
 remaining well nuts as needed. Re-installed door panel 633 with new customer supplied gasket. Work done as per
 TBM maintenance manual 52-40-01. Leak check good.

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: S15-54873

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

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Temps de vol depuis

05-00-00

I certify the left and right static pressure system was tested as required by FAR 91.411.
Performed Air Data System tightness test and check in accordance with Socata TBM 700 Maintenance Manual section 34-11-00.

05-00-00

Complied with Vmo Warning ground operational test in accordance with Socata TBM 850 Maintenance Manual section 34-11-06.

Special Inspection Items

Special Check 57

Complied with Special Check 57 - Servo Act. B35, B36, B37 & B38 Cable condition in accordance with Socata TBM Maintenance Manual 22-11-03, 22-11-04, 22-11-05, and 22-11-06.

Special Check 58

Complied with Special Check 58 - Servo Act. B35, B36, B37 & B38 Cable Tension in accordance with Socata TBM Maintenance Manual 22-11-03, 22-11-04, 22-11-05 and 22-11-06.

Special Check 59

Complied with Special Check 59 - Servo Act. B35, B36, B37 & B38 Clutch Torques. Socata TBM 700/850 Maintenance Manual 22-11-00.

Special Check 6

Complied with Special Check #6- fuel Low Level Test with no defects noted in accordance with Socata TBM 700 Maintenance Manual 28-40-00.

Special Check 69

Complied with Special Check 69.

I certify the transponder(s)

(#1) Make: Garmin Model: GTX-330 S/N: 84205696

(#2) Make: Garmin Model: GTX-327 S/N: 83717913

has been tested and inspected and found to comply with the requirements of F.A.R. 91.413.

UNC Air Operations

N228CH

S/N: 356

23 March 2016



Hobbs: 2717.6

Acft TT: 2717.6

(Lndg) Cycles: 2604

Removed upper AVEO flashing beacon, S/N: A08-1209-00394 and noise filter. Installed new AVEO beacon (red), P/N: AVE-PMMR-12A, S/N: A11-1306-00523 and new noise filter, P/N: AVE-EFBMWB26C-18A, S/N: A02-1210-00025, in accordance with ICA.

Paul A. Cotrufo AP2775553

A/C Model : Socata TBM700
Aircraft Time : 2,724.00
A/C Hour Meter : 2,724.00
Landings : 2.614

A/C Reg # : N228CH
Work Order # : S15-54873
A/C Ser # : 356



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www.landmarkaviation.com

Log Book : Airframe

Date : 4/8/2016

Airframe Inspection Items

- 05-00-00 Complied with 12 month inspection of Auto Pilot Altitude Control system per UNC Medical Air RVSM Maintenance Program. All work done in accordance with Socata TBM-700 Maintenance Manual section 22-11-07(CA)-504
- 05-00-00 I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed.
LH S/N:05060241D Date: 4/6/2016 tested to 35,000 feet.
RH S/N:05100289D Date: 4/6/2016 tested to 35,000 feet.
Stby S/N:447160 Date: 4/6/2016 tested to 35,000 feet.
Altitude reporting system tested to 35,000 feet.
I certify the transponder(s) (#1) Make: Garmin Model: GTX-330 S/N: 84205696 (#2) Make: Garmin Model: GTX-327 S/N: 83717913
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 700 Maintenance Manual section 34-11-00.
Performed altitude alerter system visual and functional check in accordance with Socata TBM 700 Maintenance Manual section 22-11-00.
Complied with fuselage inspection/check, RVSM privilege, Static port height and slope check per Socata TBM 700 Maintenance Manual section 53-00-00.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N228CH S/N: 356 February 04, 2016 A/C TT: 2681.4hr. Hobbs: 2681.4hr. Landing Cycles: 2550

- **AD2015-23-09 Flightcrew O2 Mask.** Complied with by visually identifying the model and serial number of both flight crewmember O2 mask regulators. Neither mask regulators are listed in App. I of Zodiac Aerospace SB: MCF-SBU-35-001, Rev.1, 12/3/2012. No further action required.
- **Complied with AD2015-08-07 Zodiac Aerotechnics Flightcrew Oxygen Mask Regulator Inflatables Harness.** Right O2 Mask Regulator (pilot's O2 mask) P/N: MRA 005, S/N: 1826, Manufacture date: 01-2006. N/A by date. Left O2 Mask Regulator (co-pilots' O2 mask) P/N: MRA 005, S/N: 1827, Manufacture date: 01-2006. N/A by date. No further action required.
- Removed glareshield light potentiometer switch, P/N: 419-54-22KL-2K2, S/N: 702001. Installed new switch, P/N: 419-54-22KL-2K2, S/N: 958010. Grd ckd ok at this time.
- Replaced two LED cabin lights, P/N: L640-21W-028. Ops ckd good at this time.

David K. Eastwood
David K. Eastwood AP2778982

A/C Model : Socata TBM700

Aircraft Time :

A/C Reg # : N228CH

Work Order # : A15-54673

A/C Hour Meter : *2689.7hr HRE*

A/C Ser # : 356

Landings : *2852 DSE*



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

Log Book : Airframe

Date : 2/12/2016

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Routine Maintenance

34-00-00

Installed and functionally tested Flight Stream 210 PN:010-01194-41 SN:3RE003839 in accordance with Garmin Aviation installation manual 190-01700-00 Rev D dated June 2015. Instructions for continued airworthiness are on condition as stated in section 5.2 of Garmin Aviation installation manual. Flight Stream. Weight and balance was found to be negligible. Unit was installed as a minor alteration.

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: A15-54673

Signed :

David K. Eastwood

for Landmark Aviation, Inc. CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

N228CH S/N: 356 November 16, 2015 A/C TT: 2573.4hr. Hobbs: 2573.4hr. Landing Cycles: 2423
 Removed KVG 350 Gyro, P/N: 060-0026-00, S/N: 3426. Installed repaired KVG 350 Gyro, P/N: 060-0026-00, S/N: 4110 from Honeywell International, Inc. (PR2R093L), WO #318666604 dated August 14, 2015. Performed operational check, good at this time.


 Jeremy A. Greene AP3666293 For Medical Air Inc.

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UNC Air Operations

N228CH

S/N: 356

12 November 2015

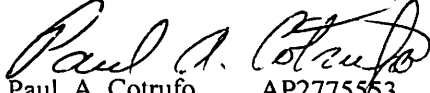
AHEC

Hobbs: 2565.5

Acft TT: 2565.5

(Lndg) Cycles: 2417

Evacuated and charged Vapor Cycle System (Air Conditioner) with R134a using Robinair Service Cart 34288, S/N: 311323. Ground ops check - o.k.


 Paul A. Cotrufo AP2775553

N228CH S/N: 356 November 20, 2015 A/C TT: 2583.4hr. Hobbs: 2583.4hr. Landing Cycles: 2433

Removed top beacon bulb. Installed new beacon bulb, P/N: AVE-PMMR-121. IAW N228CH's AVEO PosiStrobe MiniMax Flashing Beacon Instructions for Continued Airworthiness. Ops checked good at this time.


 David K. Eastwood AP2778982

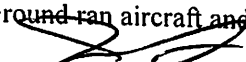
N228CH S/N: 356 December 21, 2015 A/C TT: 2622.8hr. Hobbs: 2622.8hr. Landing Cycles: 2475

Special Inspection Items

53-00-00-601, C/W RVSM static port slope check IAW Socata TBM 700 MM section 53-00-00, pg. 601, paragraph 1.B.5-7.

ICA- BBLL, C/W the Boom Beam landing light 100hr. inspection IAW LSM-500-045, Rev. B.

Removed defective **regulating and relief valve** P/N: 38E96-2D and installed a repaired **regulating and relief valve**, P/N: 38E96-2D, S/N: NSN from Midwest Aero Support, Inc. Machesney, IL under WO #W56076-1505. Worked performed IAW DAHER-SOCATA Maintenance Manual R45, section 37-10-01, pages 401-402. Ground ran aircraft and valve worked correctly.


 Jeremy A. Greene AP3666293 For Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

A/C Model : Socata TBM700

Aircraft Time : 2,562.10

A/C Hour Meter : 2,562.10

Landings :

A/C Reg # : N228CH

Work Order # : A15-54161

A/C Ser # : 356



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Log Book : Airframe

Date : 11/6/2015

Routine Maintenance

34-00-00

Troubleshoot and could not duplicate squawk. Cleaned connections removed KSG-105, P/N: 060-0013-01, S/N: 9144. Installed repaired #1 gyro KSG-105, P/N: 060-0013-01, S/N: 8958, work performed by CRS: PR2R093L, WRK: 318666604, dated: 11/SEPT/2015. Performed operational check - good at this time. All work done in accordance with Socata TBM 850 Maintenance Manual section 34-21-01.

34-00-00

Removed ART-2000, P/N: 071-01519-0101, S/N: 9256. Installed modified ART-2000, P/N: 071-01519-0101, S/N: 5612, modification performed by CRS: PR2R093L, WRK: 318666604, Dated: 12/OCT/2015. Performed operational check of radar system - good at this time. All work was performed in accordance with Bendix King RDR2000 installation manual.

34-00-00

Removed KA-5IB, P/N: 071-1242-06, S/N: 37649. Installed repaired KA-5IB, P/N: 071-1242-06, S/N: 38149, repair performed by CRS: PR2R093L, WRK: 318666604, Dated: 28/SEP/2015. Performed operational check and compass configuration/swing - good at this time. All work done in accordance with Socata TBM 850 Maintenance Manual section 34-21-04 and 34-21-00.

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: A15-54161

Signed:

A handwritten signature in black ink, appearing to read 'Jeremy A. Greene'.

for Landmark Aviation, Inc. CRS# EWGR752D

N228CH S/N: 356 November 11, 2015 A/C TT: 2565.5hr. Hobbs: 2565.5hr. Landing Cycles: 2417
 Jacked aircraft. Removed **Right** wheel assembly, disassembled, cleaned, inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 41732154 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings. Reinstalled and safetied wheel assembly. Service tire with nitrogen to 135 psi.
 Removed **Left** wheel assembly, disassembled, cleaned, inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 43482026 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Installed using same nuts and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings. Reinstalled and safetied wheel assembly. Service tire with nitrogen to 135 psi.
 Worked performed IAW DAHER-SOCATA Maintenance Manual ZOO.DMAMMPXEEOR45 with TR053, section 32-40-01, pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.

Jeremy A. Greene

AP3666293

For Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

56

Détails vérif A/C Model : Socata TBM700 A/C Reg # : N228CH
Aircraft Time : 2,528.90 Work Order # : S15-54035
A/C Hour Meter : A/C Ser # : 356
Particulars Landings : 2,379



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Log Book : Airframe Date : 10/15/2015

Routine Maintenance

05-00-00-01 Complied with Eddy-Current inspection on N228CH's LH and RH main landing gear strut housings IAW Socata SB70-130, Rev.3, (AD2015-17-10). No relevant indications present at this time.

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: S15-54035

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

N228CH S/N: 356 October 15, 2015 A/C TT: 2528.9 hr. Hobbs: 2528.9hr. Landing Cycles: 2379

- Complied with (C/W) Socata TBM 700 SB 70-118 Amdt. 1, Flap Actuator Free Play Check. No defects noted at this time.
- Complied with (C/W) Socata TBM 700 SB 70-118 Amdt. 1, Flap Lubrication. C/W SB 70-118 Amdt. 1 by cleaning and lubricating the flap actuator rods.

Next check and lube due at: 2728.9hr.

Paul A. Cotrufo
Paul A Cotrufo AP2775553 for Medical Air Inc

N228CH S/N: 356 October 15, 2015 A/C TT: 2528.9 hr. Hobbs: 2528.9hr. Landing Cycles: 2379

- Complied with (C/W) AD 2015-17-10, Socata SB70-130 Amdt. 3. Landing Gear Strut Housing Inspection. Landmark Aviation, FAA CRS EWGR752D, WO# S15-54035 dated, 10-15-2015 performed eddy current inspection IAW SB70-130 Amdt 3, section "C". No cracks found in left or right main landing gear strut housings at this time.

Next Inspection due: 2619 landing cycles.

- 53-00-00-601 C/W RVSM Static Port Height & Slope Check IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45 with TR047.05 section 53-00-00, pg. 601, paragraph 1.B. figure 604. No defects noted at this time.

- ICA- BBLL C/W the Boom Beam Landing Light 100hr. Inspection IAW LSM-500-045, Rev. B. No defects noted at this time.
- I certify the completion of an "A" Inspection in accordance with (IAW) the Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45 with TR047.05 and is approved for return to service.

David K. Eastwood
David K. Eastwood AP2778982 for Medical Air Inc.

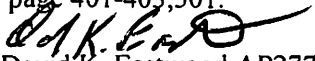
N228CH S/N: 356 September 25, 2015 A/C TT: 2496.0hr. Hobbs: 2496.0hr. Landing Cycles: 2344

- AD2015-17-10 Main Landing Gear Inspection effective September 29, 2015 supersedes AD 2007-04-13.

Main Landing Gear Inspection due: 2430 landing cycles.

- Removed B10 flap geared motor, P/N: 6157-1, S/N: 504. Installed B10 flap geared motor, P/N: 6157-1, S/N: 634 repaired by SAGEM Avionics, Cert. No. SVUR684K, WO#: 45352911, dated June 22, 2015. Installation and required rigging accomplished in accordance with (IAW) Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45 with TR047.05, section 27-50-01, pages 401- 406, section 27-50-00, pages 501- 508.

- Removed passenger overhead panel and replaced left forward light assembly unit, P/N: T700A3320024000. Reinstalled overhead panel. Ops checked lights, ok at this time. This task was accomplished IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45 with TR047.05, section 33-20-00, page 401-403,501.


David K. Eastwood AP2778982 For Medical Air Inc.

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s motive

September 28, 2015 N228CH S/N: 356 Aircraft TT: 2496.2hr. Landing Cycles: 2345

Test flew aircraft. No defects noted. Ref. FAR 91.407 (b).

Gordon P. Kramon ATP2210903 

UNC Air Operations

N228CH

S/N: 356

12 October 2015

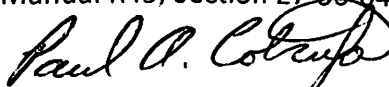
AHEC

Hobbs: 2499.9

Acft TT: 2499.9

(Lndg) Cycles: 2347

-Removed PL9 panel and S101 Flap control. Replaced 4 micro switches, P/N: 7531170007. Reinstalled S101 and PL9 panel. Wing flaps Ops check o.k. Preceding work accomplished per Daher Maintenance Manual R45, Section 27-50-04, p. 401-404.


Paul A. Cotrufo AP2775553

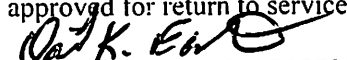
N228CH S/N: 356 July 24, 2015 A/C TT: 2437.4hr. Hobbs: 2437.4hr. Landing Cycles: 2275

- C/W Special Check #114 Right Wheel Overhaul Jacked Aircraft, Removed serviceable right wheel assembly, P/N: 40-434, S/N: 1928 and right main tire, P/N: 185F03-5, S/N: 32282459. Note: Wheel assembly S/N: 1928 & tire, S/N: 32282459 has 141.1hrs. & 171 landing cycles as of this date.

Reinstalled Cleveland right wheel assembly, P/N: 40-434, S/N: 1233 after overhaul by Aviall Services, Inc, Cert. # LV52029N, WO. #:2000075808, dated, July 15, 2015 with serviceable tire, P/N: 185F03-5, S/N: 40112348. Torqued wheel halves, with new o-rings P/N: MS28775-261, MS28775-1-145, balanced wheel and serviced with nitrogen.

Secured wheel assembly to aircraft. Cycled landing gear, no defects noted, removed aircraft from jacks.

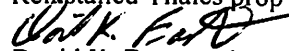
- I certify that this aircraft has been inspected in accordance with a Medical Air Inc. 100hr. Interim Inspection, using Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, with TR047.05, Standard A Inspection as a guide and is approved for return to service.


David K. Eastwood, AP2778982

N228CH S/N: 356 July 30, 2015 A/C TT: 2443.5hr. Hobbs: 2443.5hr. Landing Cycles: 2284

- Removed prop indicator and replaced back light bulbs and needle bulb, P/N: 7445341306 IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45 with TR047.05 section 77-13-01, pages 801& 804.

Reinstalled Thales prop indicator P/N: 5428-704-91-03, S/N: 2020. Ops checked ok at this time.


David K. Eastwood AP2778982 For Medical Air Inc.

N228CH S/N: 356 September 10, 2015 A/C TT: 2475.7hr. Hobbs: 2475.7hr. Landing Cycles: 2325

- Removed Right landing light bulb/starter P/N: LSM-SCD-009-1, S/N: 48154 and installed new bulb P/N: LSM-SCD-009-1, S/N: 54527, adjusted per LSM-500-045, Rev. B. 10-26-11. Operational checkout of the landing light good.


Jeremy A. Greene AP3666293 For Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

A/C Model : Socata TBM700
 Aircraft Time : 2,396.50
 A/C Hour Meter :
 Landings :

A/C Reg # : N228CH
 Work Order # : A15-53178
 A/C Ser # : 356



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

Log Book : Airframe

Date : 6/8/2015

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Routine Maintenance

34-00-00

Removed ART 2000 PN:071-01519-0101 SN:22373. Installed and functionally tested exchange (modified) ART-2000 PN:071-01519-0101 SN:9256 supplied by CRS:PR2R093L under WO:318666604 dated May 19 2015. All work was performed in accordance with RDR2000 installation manual.

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: A15-53178

Signed:

for Landmark Aviation, Inc. CRS#: EWGR752D

N228CH S/N: 356 July 15, 2015 A/C TT: 2430.1hr. Hobbs: 2430.1hr. Landing Cycles: 2264

- 53-00-00-601 C/W RVSM Static Port Height & Slope check IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45 with TR047.05 section 53-00-00, pg. 601, paragraph 1.B, figure 604. No defects noted at this time.

David K. Eastwood AP2778982 For Medical Air Inc.

N228CH S/N: 356 July 15, 2015 A/C TT: 2430.1hr. Hobbs: 2430.1hr. Landing Cycles: 2264
 Jacked aircraft.

- Replaced **Right** brake wear pads with new wear pads P/N: 109-01500 (32) and new rivets P/N: 105-00900 (64).
 - Replaced **Left** brake wear pads with new pads P/N: 109-01500 (32) and new rivets P/N: 105-00900 (64).
 Installed assemblies IAW Parker Hannifin CM30-191 component maintenance manual. Reinstalled wheel assemblies and saftied. Removed aircraft from jacks.
 - ICA- BBLL C/W the Boom Beam landing light 100hr. Inspection IAW LSM-500-045, Rev. B. No defects noted at this time.

Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH S/N: 356 May 29, 2015 A/C TT: 2385.0hr. Hobbs: 2385.0hr. Landing Cycles: 2211

- C/W Special Check #113 Left Wheel Overhaul Removed serviceable left main tire, S/N: 32282459 and wheel assembly, S/N: 1928. Reinstalled Cleveland left wheel assembly, P/N: 40-434, S/N: 1220 after overhaul by Aviall Services, Inc. Cert. # LV52029N, WO#: 2000070699, dated, May 11, 2015 with new tire, P/N: 185F03-5, S/N: 42122143. Torqued wheel halves, with new o-rings P/N: MS28775-261, MS28775-1-145, balanced wheel and serviced with nitrogen. Secured wheel assembly to aircraft.

- C/W Special Check #113 Right Wheel Overhaul Removed right main tire and wheel assembly, S/N: 1233, for overhaul. Installed serviceable Cleveland wheel assembly P/N: 40-434, S/N: 1928 and Goodyear F.E. 18x5/5 tire, P/N: 185F03-5, S/N: 32282459. Secured wheel assembly to aircraft. Note: Wheel assembly S/N: 1928 & tire, S/N: 32282459 has 88.7hrs. & 107 landing cycles as of this date.

- C/W Special Check #124 Overhaul Nose Wheel Assembly. Removed serviceable wheel assembly, S/N: 1842 and nose tire, S/N: 0329S00319. Note: Nose wheel assembly S/N: 1842 and tire, S/N: 0329S00319 accumulated 50.6hrs. total time and 65 landing cycles. Reinstalled Cleveland nose wheel assembly, P/N: 40-262AA, S/N: 1805 after overhaul by Aviall Services, Inc., Cert. #: LV52029N, WO#: 2000070690, dated, May 12, 2015 with original tire, P/N: 071-311-0, S/N: 0329S00319. Torqued wheel halves with new o-ring, P/N: MS28775-242, balanced wheel and serviced with nitrogen. Secured wheel assembly to aircraft.

David K. Eastwood

David K. Eastwood AP2778982 for Medical Air Inc.

Medical Air Operations

N228CH

S/N: 356

5 June 2015

AHEC

Hobbs: 2396.2

Acft TT: 2396.2

(Lndg) Cycles: 2224

-Removed GE taxi light, P/N: 4587. Installed Teledyne Alphabeam P/N: 2307055-1 replacement LED taxi light. Ops check o.k. Installed Teledyne ICA RS-1421 Rev. B in the aircraft permanent records. No change to weight&balance.

Paul A. Cotrufo

Paul A. Cotrufo

AP2775553

N228CH**S/N: 356****04-30-2015****Aircraft TT: 2346.7hr.****Hobbs: 2346.7hr.****Landing Cycles: 2165**

- Replaced copilot's demisting hose, P/N: T700A2120062100. (hose from "Y" to vent)
- Replaced center console heat hose, P/N: T700A2120096100. (hose from distribution box to center "Y").
- Installed new pilot's reading light, P/N: T700A3320011001.
- Installed new right lower upholstery kick panels, FWD P/N: T700A2521291101, REAR P/N: T700A2521291100.
- Installed new left lower FWD upholstery kick panel, P/N: T700A2521291102. (Section 25-21-01, Fig. 7B)

David K. Eastwood
 David K. Eastwood AP2778982 for Medical Air Inc.

A/C Model : Socata TBM700

Aircraft Time : 2,364.70

A/C Hour Meter : 2,364.70

Landings : 2,190

A/C Reg # : N228CH

Work Order # : SJ53078

A/C Ser # : 356



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

www.landmarkaviation.com

Log Book : Airframe

Date : 5/19/2015

Routine Maintenance

05-00-00-01

Complied with Eddy-Current inspection on N228CH's LH and RH main landing gear strut housings IAW Socata SB70-130, Rev.3, (AD2007-04-13). No relevant indications present at this time.

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: SJ53078

Signed:

John Antlers

for Landmark Aviation, Inc. CRS#: EWGR752D

N228CH**S/N: 356****05-19-2015****A/C TT: 2364.7hr.****Hobbs: 2364.7hr.****Landing Cycles: 2190**

Complied with (C/W) AD 2007-04-13, Socata SB70-130 Amdt. 3. Landing Gear Strut Housing Inspection. Landmark Aviation, FAA CRS EWGR752D, WO# SJ53078, dated, 05-19-2015 performed eddy current inspection IAW SB70-130 Amdt 3, section "C". No cracks found in left or right main landing gear strut housings at this time. Next inspection due: 2430 landing cycles.

David K. Eastwood
 David K. Eastwood AP2778982 for Medical Air Inc.

April 13, 2015 N228CH S/N: 356 Aircraft TT: 2335.7hr. Landing Cycles: 2147
Test flew aircraft. No defects noted. Ref. FAR 91.407 (b).

Gordon P. Kramon ATP2210903



– Signature réparateur
on pour remise en service
nd signature of overhauler
aintenance release

Medical Air Operations

N228CH

S/N: 356

Apr 12 2015 DSE

AHEC

Hobbs: 2337.9

Acft TT: 2337.9

(Lndg) Cycles: 2153

- Removed interior panels as necessary. Removed door motor assembly, P/N: T700B521000100901, S/N: TB1111. Installed serviceable motor assembly, P/N: T700B521000101400, S/N: TB1030R. Routed and secured cable. Ops check-o.k. Secured interior panels as required. Preceding work accomplished per Daher Maintenance Manual R45, Sect. 52-11-02, p. 401, 402.
- Removed Iridium antenna, P/N: 015-10306-001, S/N: 11382 per troubleshooting by Landmark Aviation. Installed new Iridium antenna, P/N: 015-10306-001, Rev. D, S/N: 430-13856 with new gasket. Fillet sealed antenna with PR-1440B-1/2 as required. Satellite phone ops check-o.k.
- Removed ITT gauge and replaced display bulbs, P/N: 7445341305 IAW Daher Maintenance Manual Zoo.DMAMMPXEEOR45, Chap. 77-21-01p.801,802. Ops check o.k. Reinstalled ITT gauge.


Paul A. Cotrufo AP2775553

N228CH S/N: 356 April 13, 2015 A/C TT: 2334.4hr. Hobbs: 2334.4hr. Landing Cycles: 2146 4 of 4

Special Inspection Items

- **C/W Special Check #9 Oxygen System Component & Lines Inspection** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45 Chapter 35-00-00-501.
- **C/W Special Check # 52 Clean Outflow Valve Controller Filter** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 21-30-01-701.
- **C/W Special Check #74 Inspection and Cleaning of Cockpit Oxygen Masks** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 35-10-02-601.
- **C/W Special Check #75 Inspect and Clean Passenger Oxygen Mask Boxes** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 35-20-02-601.
- **C/W Special Check #78 Inspect and Disinfect Passenger Oxygen Masks** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 35-21-10-301.
- **C/W Special Check #79 Check for Cleanliness and Condition of Instrument Vacuum filter** in reference to Daher-Socata TBM 700C Maintenance Manual. P/N: Z00.DAMAMMPXEE0R45, Chapter 05-20-05.
Replaced instrument filter with new Tempest AAD9-18-1 filter. **Filter next due replacement at: 2834.4hr. or on condition.**
- **C/W Special Check #80 Inspection of Under Floor & Emergency Exit Drain Holes** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 53-20-00-601.
- **C/W Special Check #83 Check Refrigerant Charge** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 12-15-03-301.
- **C/W Special Check #108 Inspect Left, Right and Nose Landing Gear** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 32-00-00-601.
- **ICA- BBL C/W the Boom Beam landing light 100hr. Inspection** IAW LSM-500-045, Rev. B.
- **ICA-GDL-69A C/W 12 month inspection of GDL 69/69A satellite radio** SA01487SE IAW Doc#: 190-00355-00, Rev. C.
- **ICA- GMX-200 C/W 12 month inspection of Garmin GMX200** SA0169SE IAW Doc#: 190-00607-00 Rev. A.
- **ICA- GNS-530W C/W 12 month inspection of Garmin GNS530W** SA01933LA IAW Doc#: 190-00357-65, Rev. A.
- Defueled left wing, Removed fuel door 531, cleaned and inspected opening area. Installed new door, P/N: T700A5240005100 with PR1422B2PT sealant IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 52-40-01, pages 401-405. Fueled left wing, no leak at this time.

I certify this Aircraft has been inspected in accordance with (IAW) a Daher-Socata "C+" Annual Inspection and is approved for return to service.



David K. Eastwood IA2778982 for Medical Air Inc.

N228CH S/N: 356 April 13, 2015 A/C TT: 2334.4hr. Hobbs: 2334.4hr. Landing Cycles: 2146 2 of 4

Routine Maintenance Items

- Replaced right main tire with new Goodyear F.E. tire, P/N: 185F03-5, S/N: 40112348. Reassembled wheel with new O-rings (M83461-1-145, MS28775-261). Torqued wheel halves to placarded spec. Serviced tire with nitrogen as required. Cleaned and repacked wheel bearings. Balanced wheel assembly. Secured wheel assy. to aircraft.

Checked **Right** side brake wear linings, found within limits, (Avg. 0.90"). Rotated brake assembly.

Right rotor thickness, average, .389".

- Removed left aileron, replaced INBD bearing with new, P/N: T700A576030000. Secured bolts and applied torque stripe. (See next write up for reinstallation of aileron)

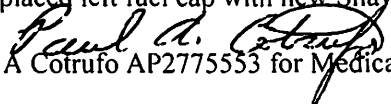
- Replaced aileron trim Outbd hinge pin with new, P/N: T700A5760022105. Reinstalled aileron, torqued and safetied aileron attach & rod bolts IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45.

Chapter 57-60-00, pages 401-406.

- Removed inertial separator and door. Replaced left and right brushes with new as required, P/N: N7066141000.

Reinstalled door and separator and secured bolts with new lock tabs, P/N: N5759013240. Installation per Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, 71-60-01, Pages 401-404.

- Replaced left fuel cap with new Shaw Aero cap, P/N: 457. Secured lanyard.


Paul A Cotrufo AP2775553 for Medical Air Inc.

N228CH S/N: 356 April 13, 2015 A/C TT: 2334.4hr. Hobbs: 2334.4hr. Landing Cycles: 2146 3 of 4

Special Inspection Items

- **C/W Special Check #19 Battery Capacity Check.** Removed battery, charged and performed capacity check per Concorde Component MM, P/N: CM24-30-71, battery passed cap check at 60 mins. at 100%. Reinstalled battery and shield.

- **C/W Special Check #21 Standby Generator Brush Check** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 05-20-05. Removed brushes, inspected and found to be within limits. Reinstalled brushes and safetied.

- **C/W Special Check #23, #24 and #25, Overhaul, Brush and Bearing Change of Starter/Generator.** Removed starter generator P/N: 8012F, S/N: 393. Starter/generator overhauled by Thales Avionics Inc. Piscataway, FAA #NJXIUR593K. Overhaul performed under WO #1505 dated March 31, 2015. Reinstalled same starter/generator after overhaul using new oring P/N: AS3209-113. Tightened clamp and safetied.

- **C/W Special Check #63 Inspection of L'Hotellier Fire Extinguisher** in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 26-20-01-601. Inspected no defects noted at this time. Wt.: 3 lbs., 6.5oz.

- **C/W Special Check #133 Replacement of Shimmy Damper Hydraulic Fluid.** Removed shimmy damper, disassembled, cleaned, inspected and reassembled using new orings P/N: MS28775-110 (2) and MS28775-127 (2) and new circlips P/N: 7762232840 (2). Serviced with silicone hydraulic fluid PSF-100cST per MOD70-0344-32 and reinstalled both bolt plugs using new gaskets P/N: 7061550011 (2). Work performed per Socata shimmy damper CMM P/N: T700A3220020, 32-22-01 pages 6-14. Reinstalled shimmy damper, torqued bolts and safetied.


Jeremy A. Greene AP3666293 for Medical Air Inc.

(Continued next page)

Special Inspection Items

- Complied with (C/W) Special Check #2 1200hr. Protection of External Fittings in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, (DSTBM700CMM R45), Chapter 12-21-03-301 and 12-21-04-301.
- C/W Special Check #3 - Protection of External Movable Parts in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, (DSTBM700CMM R45), Chapter 12-21-04-301.
- C/W Special Check #53 Clean Outflow Valve Seat in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 21-30-02-701.
- C/W Special Check #54 Clean Safety Valve Filter in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 21-30-03-701.
- C/W Special Check #55 Clean Safety Valve Seat in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 21-30-03-701.
- C/W Special Check #84 Replacement of Fuel Unit Element Replaced fuel unit filter with new, P/N: 402C14-1, (N6007707270) lot: 131000165688. Secured bowl with new O-rings IAW Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 28-20-01, pages 301-302.
- C/W Special Check #86 Inspect and Clean Water Separator Filter in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 30-10-04-301 & 601.
- C/W Special Check #109 Lubricate Left, Right & Nose Landing Gear Axles in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 12-21-05-301.
- C/W Special Check #110 Clean Left & Right Main Landing Gear Wheel Bearings in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 32-40-01-601 & 12-21-05-301.
- C/W Special Check #111 Lubricate Left & Right Main Landing Gear Wheel Bearings in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 12-21-05-301.
- C/W Special Check #112 Inspect Left & Right Main Landing Gear Wheels & Bearings for Corrosion in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 05-20-05.
- C/W Special Check #113 Left Wheel Overhaul Removed left main tire and wheel assembly, S/N: 1226, for overhaul. Cleaned and repacked wheel bearings. Installed serviceable Cleveland wheel assembly P/N: 40-434, S/N: 1928 and Goodyear F.E. 18x5/5 tire, P/N: 185F03-5, S/N: 32282459. Secured wheel assembly to aircraft. S/N: 1928 & tire has 38.10hrs. & 42 cycles as of this date.
- Checked Left side brake wear linings, found within limits (Avg. .089"). Rotated brake assembly. Left Rotor thickness, average .389"
- C/W Special Check #121 Clean Nose Wheel Bearings in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 32-40-02-601 & 12-21-05-301.
- C/W Special Check #122 Lubricate Nose Wheel Bearings in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 12-21-05-301.
- C/W Special Check #123 Inspect Nose Wheel Bearings for Condition and Corrosion in reference to Daher-Socata TBM 700C Maintenance Manual, P/N: Z00.DAMAMMPXEE0R45, Chapter 05-20-05.
- C/W Special Check #124 Overhaul Nose Wheel Assembly. - Removed nose tire and wheel assembly, S/N: 1805, for overhaul. Installed new Cleveland wheel assembly, P/N: 40-262AA, S/N: 1842 and Michelin Aviator tire, P/N: 071-311-0, S/N: 0329S00319. Torqued wheel halves with new o-ring, P/N: MS28775-242, balanced wheel and serviced with nitrogen. Secured wheel assembly to aircraft.
- Complied with (C/W) Socata TBM 700 SB 70-118 Amdt. 1. Flap Actuator Free Play Check. No defects noted at this time.
- Complied with (C/W) Socata TBM 700 SB 70-118 Amdt. 1, Flap Lubrication. C/W SB 70-118 Amdt. 1 by cleaning and lubricating the flap actuator rods.

(Continued next page)

Date : 03/25/2015

Serial Number : 356

Registration : N228CH

Aircraft type : TBM 850

Meter Time: 2331.3 Hobbs

Time Since New : 2331.3

Cycle Since New : 2144

Work Order : 5313

- Performed the customer selected inspection items as follow:
- Performed flight controls travel check.
- ✓ Performed RVSM annual functional test of A81 Altitude/Vertical speed selector IAW Socata maintenance manual chapter 22-11-07(CA)-504 (KFC325), system operates normal.
- ✓ Inspected static ports and RVSM critical area for any defect IAW MM Ch. 53-00-00, Fig. 604, none noted.
- ✓ Inspect and tested ELT IAW the requirements of FAR 91-207 Paragraph (d) and TBM 700 Maintenance manual, replaced battery with a new customer supplied P/N 452-0133, S/N 363720-063, expiration date 09/2019.
- ✓ Performed air data system tightness test and checked of associated instruments, no defect found.
- ✓ Performed VMO Warning ground operational check, found satisfactory.
- ✓ C/W 1 year Checked for condition and tension of B35, B36, B37 Servo actuator cables, no defect noted.
- ✓ C/W 1 year Performed clutch friction torque check on B35, B36, B37, B38 Servo actuators per MM chapter 22-11-00, re-installed and Ops. checked good.
- ✓ C/W 1 year Checked all flight control and trim control cables tensions and conditions.
- ✓ C/W 2 yrs. Do a fuel low level indication test, no defect noted.
- ✓ C/W 3 yrs. Changed hydraulic fluid in brake and landing gear systems with new 5606.
- ✓ C/W 3 yrs. Performed standby compass compensation check and installed new deviation card.
- ✓ C/W 4 yrs. Checked for cleanliness and condition of fuel strainers, Checked rubber condition of fuel tank flapper valves. No defects noted.
- ✓ C/W 5 yrs. Performed Long Life Program 5 years inspection including all 1 year inspection items IAW Socata CMM and MM on landing gears: L/H S/N B166, R/H S/N B169, Nose S/N B169.
- ✓ C/W 1200 hrs. Applied siccative oil inside the rudder torque shaft.
- ✓ C/W 1200 hrs. Performed Fibroscopic inspection for internal bondings and Tapping inspection for skin bondings on Fixed horizontal stabilizer, Vertical fin, Rudder, Elevators, Flaps, Ailerons, no disbonding noted.
- ✓ C/W 1200 hrs. Ultrasonics inspection for metal/metal bondings on Fixed horizontal stabilizers, Vertical fin was performed by Ultimate NDT Inc. CRS # U1LR957Y, W.O. 2015-0052, dated 3/19/2015, no disbonding noted.
- Replaced both L/H gear upper torque link pivot bushings with new P/N 22573-000-01.
- Drained left and right fuel tanks, removed fuel access panels No. 534, 537, 551, 554, 573, 631, 637, 654, 671, 673, cleaned and resealed the removed panels with new gaskets P/N 74232100, P/N 7423210090, refueled and leak checked good.

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of Federal Aviation Administration And Is Approved For Return To Service For the Work Performed. Permanent Records Of The Repair Are on File At This Repair Station Under W.O. # 5313, Signature: K. Kam Phongsavath Kam Phongsavath, Date : 03/25/2015 CRS # URZR891L / EASA. 145.5152

Required function test flight in accordance with manufacturer's specifications and the flight manual has been accomplished. Aircraft exhibits normal flight characteristics.

Signature: *[Signature]*

Flight Test

tretien
 motive

Gordon P. Kramon ATP2210903

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

Pratt & Whitney Engine Services, Inc.
710 Westlake Parkway
Atlanta, GA. 30336
FAA Certificate Number HN4R238M



Pratt & Whitney

A United Technologies Company

Manufacturer	Description	Model/Type	Serial Number
Pratt & Whitney - Canada	Engine Assembly	PT6A-66D	PCE-RV0009
Time Since New	Cycles Since New	Time Since Overhaul	Cycles Since Overhaul
2,167.7	2,189	TSN	CSN
Aircraft Type	Aircraft S/N	Aircraft Hobbs / TTSN	Aircraft TCSN
Socata TBM 850	356	2,290.3	2,101

☐ Overhaul ☒ Repair

Customer requested MRT Support to perform an engine change to remove Rental Engine. Removed Rental Engine S/N PCE-RV0234 from N228CH in serviceable condition and Installed the Customers Repaired Engine S/N PCE-RV0009. Forwarded Engine S/N PCE-RV0234 to P&WC for a rental engine post rental inspection and repair as required.

All work performed in accordance with PT6A-66D Maintenance Manual, part number 3070902, Revision # 15, dated Jan 12/2015 and Socata TBM 850 Maintenance Manual, P/N Z00.DMAMMPXEE0R44, Revision E0R44, dated Apr 14/2014 and/or applicable Service Bulletins.

This engine has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and with respect to the work performed is approved for return to service Pertinent details of the work performed are on file at this agency under the work order listed below.

S/O No.	185420			
W/O No.	A15062	Date	Feb 07, 2015	Approved Inspector:  

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

Pratt & Whitney Engine Services, Inc.
710 Westlake Parkway
Atlanta, GA. 30336
FAA Certificate Number HN4R238M



Pratt & Whitney

A United Technologies Company

Manufacturer Pratt & Whitney - Canada	Description Engine Assembly	Model/Type PT6A-66D	Serial Number PCE-RV0234
Time Since New 459.1	Cycles Since New 314	Time Since Overhaul TSN	Cycles Since Overhaul CSN
Aircraft Type Socata TBM 850	Aircraft S/N 356	Aircraft Hobbs / TTSN 2,290.3	Aircraft TCSN 2,101

☐ Overhaul ☒ Repair

Customer requested MRT Support to perform an engine change to remove Rental Engine. Removed Rental Engine S/N PCE-RV0234 from N228CH in serviceable condition and Installed the Customers Repaired Engine S/N PCE-RV0009. Forwarded Engine S/N PCE-RV0234 to P&WC for a rental engine post rental inspection and repair as required.

All work performed in accordance with PT6A-66D Maintenance Manual, part number 3070902, Revision # 15, dated Jan 12/2015 and Socata TBM 850 Maintenance Manual, P/N Z00.DMAMMPXEE0R44, Revision E0R44, dated Apr 14/2014 and/or applicable Service Bulletins.

This engine has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and with respect to the work performed is approved for return to service. Pertinent details of the work performed are on file at this agency under the work order listed below.

S/O No.	185420				
W/O No.	A15062	Date	Feb 07, 2015	Approved Inspector:	 

N228CH
S/N: 356
01/06/2015

A/C TT: 2235.2hr.
Hobbs: 2235.2hr.
Landing Cycles: 2042

ateur
service
rhauler
e

- Complied with RVSM static port slope check IAW Socata TBM 700 Maintenance Manual P/N: Z00.DMAMMPXEE0R44, section 53-00-00, pg. 601, paragraph 1.B.5-10. No defects noted at this time.
- Complied with the Boom Beam landing light 100hr. Inspection IAW LSM-500-045, Rev. B. No defects noted at this time.


David K. Eastwood AP2778982 for Medical Air Inc.

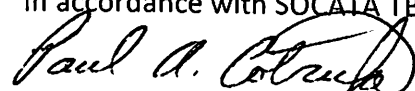
Medical Air Operations

N228CH
S/N: 356
2 February 2015

AHEC

Hobbs: 2283.9
Acft TT: 2283.9
(Lndg) Cycles: 2095

- Replaced S89 Differential Pressure switch with new switch, P/N: 17-600-01, (6093557222), S/N: A8480 In accordance with SOCATA TBM700 Maintenance Manual, R44, Section 21-30-06, p. 401.


Paul A. Cotrufo AP2775553



U.S. Department
of Transportation
Federal Aviation
Administration

Small Airplane Directorate
901 Locust, Room 301
Kansas City, Missouri 64110

OCT 09 2014

Mr. Marcel Kim
Technical Support Manager
SOCATA North America, Inc.
7501 Pembroke Rd.
Pembroke Pines, FL 33023

Subject: Alternative Method of Compliance (AMOC), Airworthiness Directive (AD)
2007-04-13, Docket Number FAA-2006-26235, Directorate Identifier
2006-CE-65-AD for SOCATA TBM 700 airplanes

Dear Mr. Kim:

This is in response to your letter dated September 22, 2014, which was sent by e-mail on September 22, 2014, to Mr. Albert Mercado, Aerospace Engineer, of the Small Airplane Directorate, requesting an AMOC to AD 2007-04-13. Your request proposes the use of SOCATA Service Bulletin (SB) 70-130, Amendment 2, dated June 2014, as an AMOC to paragraph (e) of the Actions and Compliance section.

Paragraph (e) of the Actions and Compliance section of AD 2007-04-13, requires that the operator do a detailed inspection of the area and apply corrective actions, as necessary. The operator is to follow the accomplishment instructions of SOCATA TBM aircraft Mandatory Service Bulletin (MSB) 70-130, dated January 2007. Additionally, repetitive inspections at intervals not to exceed every 175 landings are also required.

This AMOC of general applicability is granted to allow the use of SOCATA TBM SB 70-130, Amendment 2, dated June 2014, when complying with AD 2007-04-13. Additionally, applicable Model TBM 700 airplanes can extend the interval of the repetitive inspections to 240 landings as noted in SOCATA TBM SB 70-130, Amendment 2, dated June 2014.

Before using this AMOC, notify your appropriate principal inspector (PI), or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office. This approval is subject to the following conditions:

1. If in the future, the Small Airplane Directorate determines that this AMOC does not provide an acceptable level of safety, the Directorate may revoke or revise the terms of the AMOC following notice to the requester and a seven-day opportunity for the requester to comment on the revocation, or proposed revision.

2. All provisions of AD 2007-04-13 that are not specifically referenced above remain fully applicable and must be complied with accordingly.

3. A copy of this letter is kept with the airplane logbook.

If all the above conditions are met, this AMOC is granted for the applicable SOCATA TBM 700 aircraft that are certificated in any category.

This AMOC is transferable.

If you have any questions or require additional information, please contact Mr. Albert J. Mercado at 816-329-4119, or by fax at 816-329-4090, or by email at albert.mercado@faa.gov.

Sincerely,

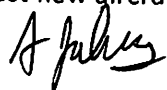
Jacqueline Jambor
Manager, Project Support Branch

cc:

Ms. Catherine Hérnu
SOCATA
Aéroport de Tarbes-Lourdes-Pyrénées
65921 Tarbes Cedex 9
France

Mr. Arnaud Grut
TBM 700 EASA Project Certification Manager
DGAC/DCS/NO/NAG
50, rue Henry-Farman
75720 Paris cedex 15
France

November 7, 2014 N228CH S/N: 356 Hobbs: 2168.5 Landing cycles: 1985
Test flew aircraft. Engine performance nominal. No defects noted. Ref. FAR 91.407 (b).



Art M. Johnson ATP 3450738

Cachet – Signature réparateur

approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

N228CH
S/N: 356
12/22/2014

Medical Air Operations



A/C TT: 2229.6
Hobbs: 2229.6
Landing Cycles: 2038

Removed S88 Cabin pressure switch, P/N: 6049717220, S/N: D036480A and installed a new switch P/N: 6049717220, S/N: N031826A. Work performed IAW DAHER-SOCATA Maintenance Manual R44, section 21-30-05, page 401. Ops checked all lights to verify operation. No static lines were disconnected during this maintenance so a leak test wasn't required.

Jeremy A. Greene AP3666293 For Medical Air Inc.

Pratt & Whitney Engine Services, Inc.
710 Westlake Parkway
Atlanta, GA. 30336
FAA Certificate Number HN4R238M



Pratt & Whitney

A United Technologies Company

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Manufacturer	Description	Model/Type	Serial Number
Pratt & Whitney - Canada	Engine Assembly	PT6A-66D	PS-RV0009
Time Since New	Cycles Since New	Time Since Overhaul	Cycles Since Overhaul
2,072.7	2,072	TSN	CSN
Aircraft Type	Aircraft S/N	Aircraft Hobbs / TTSN	Aircraft TCSN
Socata TBM 850	356	2,167.7	1,984

☐ Overhaul ☒ Repair

Customer requested MRT Support to perform an engine change due to a reported high ITT, Removed Engine S/N PCE-RV0009 from N228CH and Installed Rental Engine S/N PCE-RV0234. Forwarded Engine S/N PCE-RV0009 to P&WC for further inspection and repair as required by the overhaul shop as requested by engineering.

All work performed in accordance with PT6A-66D Maintenance Manual, part number 3070902, Revision # 14, dated Jul 07/2014 and Socata TBM 850 Maintenance Manual, P/N DMAMMPXE, Revision E0R44, dated Apr 14/2014 and/or applicable Service Bulletins.

This engine has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and with respect to the work performed is approved for return to service. Pertinent details of the work performed are on file at this agency under the work order listed below.

S/O No.	184391			
W/O No.	A14496	Date	Nov 06, 2014	Approved Inspector: <i>Fel. S. Ching</i> 

Form: ATL-3010S Export Classification: 9E991

Revised: May 2013

N228CH
S/N: 356
09/30/2014

A/C TT: 2137.5hr.
Hobbs: 2137.5hr.
Landing Cycles: 1941

47

I certify the completion of the A Aircraft Inspection in accordance with (IAW) the TBM 700 Maintenance Manual, P/N: Z00.DMAMMPXEE0R44 and is approved for return to service.

Complied with (C/W) AD 2007-04-13, Socata SB70-130 Amdt. 2. Landing Gear Strut Housing Inspection. Landmark Aviation, FAA CRS EWGR752D, WO# SJ51667, dated, 9-30-2014 performed eddy current inspection IAW SB70-130 Amdt 2, section "C". No cracks found in left or right main landing gear strut housing.

Next Inspection due: 2116 landing cycles.

Service Bulletins

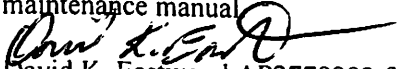
- **Complied with (C/W) Socata TBM 700 SB 70-118 Amdt. 1, Flap Actuator Free Play Check.** Left flap actuator within limits. Replaced right flap actuator nut , P/N: 7247230001 & cage screws per SB70-118 instructions Sect. B. rechecked free play per Para. "A" within limits. **Next due: 2237.5hrs.**
- **Complied with (C/W) Socata TBM 700 SB 70-118 Amdt. 1, Flap Lubrication.** C/W SB 70-118 by cleaning and lubricating the flap actuator rods.

Special Inspection Items

- **53-00-00-601 C/W RVSM static port slope check IAW Socata TBM 700 MM section 53-00-00, pg. 601, paragraph 1.B.5-10.**
- **ICA- BBLL C/W the Boom Beam landing light 100hr. Inspection IAW LSM-500-045, Rev. B.**

Routine Maintenance

Replaced **Right** brake wear pads with new wear pads P/N: 109-01500 (32) and new rivets P/N: 105-00900 (64). Replaced **Right** brake rotor with new rotor P/N: 159-02700. Installed IAW Parker Hannifin CM30-191 component maintenance manual

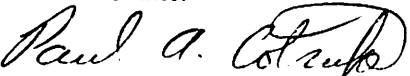

David K. Eastwood AP2778982 for Medical Air Inc.

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auler

N228CH
S/N: 356
10/23/2014

A/C TT: 2157.9
Hobbs: 2157.9
Landing Cycles: 1970

Removed ED 462, P/N: 066-03125-2600, S/N: ED462-4277. Installed ED 462, P/N: 066-03125-2600, S/N: X2047. modified by Honeywell International, Inc. Cert. no. PR2R093L, WO #: AM7684, dated January 04, 2013. Grd ckd, ok at this time.


Paul A. Cotrufo AP2775553

Medical Air Operations

N228CH

S/N: 356

28 August 2014

AHEC

Hobbs: 2097.1

Acft TT: 2097.1

(Landing) Cycles: 1905

Complied with the following Airworthiness Directives (AD):

2014-09-03 Horizontal Stabilizer OUTBD Hinge fittings. N/A by aircraft S/N.

2014-06-06 Landing gear Actuator Security. Previously complied with by SB 70-197 and SB 70-206 on 7-12-2013, 1673.5 hrs TT.

Verified compliance of the following AD's by using Atlantic Aero's, CRS EWGR752D, AD Compliance Record, dated 3-21-2014, w.o. STP50217.

2011-27-09 Aileron Control Cables. PCW by SB70-191 on 10-12-2011, 1102.0 hrs. TT. Due again upon aileron cable maintenance or removal.

2011-23-03 Essential BUS failure. N/A by aircraft S/N.

2010-23-28 Difficulties to release oxygen. N/A by aircraft S/N.

2008-10-13 Rupture of vapor cycle pulley drive. N/A by aircraft S/N.

2007-04-08 Pilot door lock fittings. N/A by aircraft S/N.

2007-03-17R1 Loose rivets frame B18 Bis and C19. N/A by aircraft S/N

Paul A. Cotrufo

Paul A. Cotrufo

AP2775553

N228CH

S/N: 356

9/16/2014

A/C TT: 2116.2

Hobbs: 2116.2

Landing Cycles: 1921

- Removed KVG 350 Gyro, P/N: 060-0026-00, S/N: 1628. Installed Repaired KVG 350 Gyro, P/N: 060-0026-00, S/N: 3426 from Honeywell International, Inc. (PR2R093L), WO#:AO5169, dated March 20, 2014. Performed operational check, good at this time.
- Removed ART2000, P/N: 071-01519-0101, S/N: 8091, Installed Repaired ART2000, P/N: 071-01519-0101, S/N: ART2000-14278 from Honeywell International, Inc. (PR2R093L), WO#: AP0595, dated August 22, 2014. Work accomplished IAW Socata Maintenance Manual R44, Section 34-42-01, pages 401-404. Performed operational check, good at this time.
- Jacked aircraft. Removed Left wheel assembly, disassembled, cleaned, inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 32292005 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Torqued wheel halves to 325 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings. Reinstalled and safetied wheel assembly. Service tire with nitrogen to 135 psi. Worked performed IAW DAHER-SOCATA Maintenance Manual R44, section 32-40-01, pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.
- Installed new left side cowl door strut assembly, P/N: T700A7110034006.

David K. Eastwood

David K. Eastwood

AP2778982 for Medical Air Inc.

A/C Model : Socata TBM700
Aircraft Time : 2,086.40
A/C Hour Meter : 2,086.40
Landings : 1,898

A/C Reg # : N228CH
Work Order # : STP51432
A/C Ser # : 356



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Log Book : Airframe

Date : 8/25/2014

ce

Routine Maintenance

77-00-00

Complied with trim thermocouple determination check in accordance with Pratt & Whitney Canada PT6-66D maintenance manual chapter 77-20-01. Normalized temperature trim value determined to be 8.7 degrees, which is 0.5 degrees off of the 8.2 value on the data plate. Performed calibration check of torque transducer in accordance with Socata TBM850 aircraft maintenance manual chapter 77-14-00. Indication of torque was noted at 100% with 60 psi applied which is correct per maintenance manual.

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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 STP51432

Signed:

for Atlantic Aero, Inc. CRS#: EWGR752D

N228CH
S/N: 356
8/27/2014

Medical Air Operations



A/C TT: 2089.2
Hobbs: 2089.2
Landing Cycles: 1901

Jacked aircraft. Removed **Right** wheel assembly, disassembled, cleaned, inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 32582116 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Installed using new nuts P/N: NAS1804-6N-28 and torqued wheel halves to 320 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings. Reinstalled and safetied wheel assembly. Service tire with nitrogen to 135 psi. Worked performed IAW DAIHER-SOCATA Maintenance Manual R42, section 32-40-01, pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.

Jeremy A. Greene AP3666293 For Medical Air Inc.

Medical Air Operations

N228CH

S/N: 356

3 July 2014



Hobbs: 2044.2

Acft TT: 2044.2

(Lndg) Cycles: 1848

Removed landing gear control box (A14), S/N: 384. Installed inspected/serviceable control box, P/N: Z00. N6003777233, S/N: 342, inspected by SOCATA, Cert. no. FR.145.081 on 18 Dec. 2012, w.o. 20120573. Preceding Work accomplished per TBM 850 Maintenance Manual R44, Section 32-60-01(DA) p.401. Performed several landing gear cycles, normal and manual. No defects noted.

Paul A. Cotrufo
Paul A. Cotrufo AP2775553

N228CH

S/N: 356

07/16/2014

A/C TT: 2049.4hr.

Hobbs: 2049.4hr.

Landing Cycles: 1854

This aircraft has been inspected in accordance with a Medical Air Inc. Interim 100hr. Inspection.

Service Bulletins

- Complied with (C/W) Socata TBM 700 SB 70-118 Flap Lubrication. C/W SB 70-118 by cleaning and lubricating the flap jackscrews.
- C/W Socata SB 70-213 Engine Drainage System per accomplishment instructions.

Reference PWC SB No. 14293R1.

Special Inspection Items

- Verified that there were no revisions for the POH P/N: Z00.DMNFM00EEOR4EN at this time.
- 53-00-00-601 C/W RVSM static port slope check IAW Socata TBM 700 MM section 53-00-00, pg. 601, paragraph 1.B.5-10.

- ICA- BBLL C/W the Boom Beam landing light 100hr. Inspection IAW LSM-500-045, Rev. B.

Routine Maintenance

- Removed landing gear control box (A14), S/N: 342. Installed new landing gear control box, P/N: N6003777257, S/N: 817. Preceding work accomplished per TBM 700 Maintenance Manual R44, section 32-60-01 (DA) page 401. Performed several landing gear cycles, normal and manual, section 32-00-00, pages 501-504. No defects noted.
- Removed #1 compass system KSG-105, P/N: 060-0013-01, S/N: 8958. Installed TESTED KSG 105, P/N: 060-0013-01, S/N: 9144 by CRS: PR2R093L, WO#: A078441, dated: May 6, 2014. Ran engine and performed check of compass systems, ops checked good at this time. All work done in accordance with Socata TBM 700 MM, section 34-21-01.

David K. Eastwood
David K. Eastwood AP2778982 for Medical Air Inc.

Prop Model : HC-E4N-3
Prop Serial # : HH4419
Prop TSN/TSO :
Prop Position : Front

A/C Reg # : N228CH
Work Order # : STP50438
A/C Ser # : 356
A/C Time : 2,040.80

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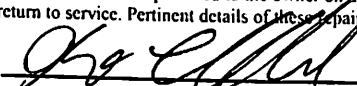
Log Book : Propeller

Date : 6/27/2014

Routine Maintenance

- 20-00-00 Painted propeller blades as required in reference to Hartzell Standard Practices Manual 202A Volume 1 Chapter 61-01-02.
- 61-00-00 Balanced propeller in reference to Vibrex 2000 User Guide Digital Dynamic Balancer by Chadwick-Helmuth Company, Inc. User Guide No. 13841-3R.

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: STP50438

Signed: 

for Atlantic Aero, Inc. CRS#: EWGR752D

A/C Model : Socata TBM700
Aircraft Time : 2,040.80
A/C Hour Meter : 2,040.80
Landings : 1,843

A/C Reg # : N228CH
Work Order # : STP50438
A/C Ser # : 356

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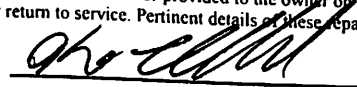
Log Book : Airframe

Date : 6/27/2014

Routine Maintenance

- 34-00-00 Removed and replaced the following connectors from the pilot's compass system: KA51 slave unit, flux valve detector and directional gyro. All connectors were replaced as a preventive measure to correct an intermittent fault on compass system #1. Function test confirmed system proper operation. Work performed in accordance with Socata Wiring Manual.

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: STP50438

Signed: 

for Atlantic Aero, Inc. CRS#: EWGR752D

A/C Model : Socata TBM700
 Aircraft Time : 2,040.80
 A/C Hour Meter : 2,040.80
 Landings : 1,843

A/C Reg # : N228CH
 Work Order # : STP50438
 A/C Ser # : 356



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I Log Book : Airframe

Date : 6/27/2014

Service Bulletins

I

SB 70-214

Complied with Service Bulletin 70-214 Installation of a Strake, in reference to Service Bulletin 70-214.

Routine Maintenance

28-00-00

Left wing fuel leaks repaired by Aeroteams, CRS# 3A9R293B. Reference Aeroteams form AT Form-001, dated 06/27/2014, work order 55-14076.

32-00-00

Removed nose landing gear actuator, P/N T700A323005000000, S/N 1180 and sent for overhaul. Overhaul accomplished by CRS# QKXR9981, per 8130-3 dated 19-JUN-2014 in reference with work order 312193. Landing gear modified from P/N T700A323005000000 to new P/N 7897340001. Serial number also modified from S/N 1180 to S/N 11180. Reinstalled overhauled nose landing gear actuator, P/N 7897340001, S/N 11180. Rigged actuator as required. Work performed in accordance with Socata TBM700 aircraft maintenance manual chapter 32-30-02.

51-00-00

Replaced stiffener p/n T700A7110014108 on RH upper cowl in accordance with Socata Model TBM850 Maintenance Manual Chapter 51-40-00 and in reference with Socata Technical Instruction # OPT70 K119-71. Repaired crack on lower fwd cowl, RH naca scoop in accordance with Socata Model TBM850 Maintenance Manual Chapter 51-40-00 and in reference with Socata Drawing and Repair Instruction 5T700A5120255 dated 3-01-2014.

61-00-00

Removed right main brake assembly, P/N 30-191, S/N 1961 per customer request. Reinstalled same right main brake assembly as removed. Bled brakes. Work performed in accordance with Socata TBM700 aircraft maintenance manual chapter 32-00-00.

77-00-00

Complied with ITT Indicator Test in accordance with Barfield Model TT-1000A Digital Turbine Temperature Operating Instructions. No defects noted at this time. Readings taken were as follows:

(Target Temp) Shadin Reading/Aircraft Gauge Reading

(300) 299/298

(400) 400/398

(500) 500/500

(600) 599/601

(650) 649/652

(700) 689/702

(750) 748/752

(800) 798/801

(850) 850/852

79-00-00

Removed oil cooler, P/N L8538233, S/N 05H-047 and sent for overhaul. Installed overhauled oil cooler, P/N L8538233, S/N 05H-047. Overhaul complied with by CRS# DA2R761K, under work order po-1403065. Reference 8130 dated 24/JUNE/2014. Work done in reference to TBM700 aircraft maintenance manual chapter 79-20-01.

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. STP50438

Signed

for Atlantic Aero, Inc. CRS#: EWG1752D

Dé

N228CH

Medical Air Operations

A/C TT: 2018.0

P.

S/N: 356

Hobbs: 2018.0

5/15/2014

AHEC

Cycles: 1815

Jacked aircraft. Removed Nose wheel assembly, disassembled, cleaned, inspected and reassembled with a new Michelin tire, P/N: 071-311-0, 5.00x5 10 ply, S/N: 1262S00418 and o-ring, (1)P/N: MS28775-242. Torqued wheel halves to 95 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings. Reinstalled and safetied wheel assembly. Serviced tire with nitrogen to 95 psi. Worked performed IAW DAHER-SOCATA Maintenance Manual R43, section 32-40-02, pages 401-403 and Cleveland CCM for wheel P/N: 40-262AA pages 10-11. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.


Jeremy A. Greene AP3666293 For Medical Air Inc.*Medical Air Operations*

N228CH

AHEC

Hobbs: 2025.9

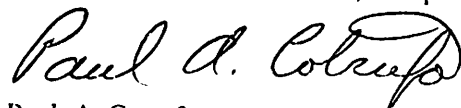
S/N: 356

Acft TT: 2025.9

21 May 2014

(Lndg) Cycles: 1824

Removed engine driven low pressure fuel pump, P/N 1127-02, S/N: 766 with associated adapter, S35 switch, and MT40 transmitter, S/N: unk, as one assembly. Installed serviceable engine driven low pressure fuel pump, P/N: 1127-01, S/N 387 (OE pump), 2021.7 hrs. TIS, adapter, S35 switch and MT40 transmitter, S/N: 05314-00YBTD, as one assembly. Work accomplished per SOCATA Maintenance Manual R44, Sect. 28-20-04, p. 401-404 as applicable. Ground ran, fuel pressure nominal ~16 psi. No leaks noted.



Paul A. Cotrufo AP2775553

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

A/C Model : Socata TBM700
 Aircraft Time : 2,015.00
 A/C Hour Meter : 2,015.00
 Landings : 1,811

A/C Reg # : N228CH
 Work Order # : STP50752
 A/C Ser # : 356



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Log Book : Airframe

Date : 5/12/2014

Routine Maintenance

28-00-00 Fuel panels 531 and 552 leaking. Left wing fuel leaks repaired by Acroteams, CRS# 3A9R293B. Reference Acroteams form AT Form-001, dated 5/9/2014, work order 55-14061.

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: STP50752

Signed: [Signature] for Atlantic Aero, Inc. CRS# EWGR752D

A/C Model : Socata TBM700
 Aircraft Time : 2,015.00
 A/C Hour Meter : 2,015.00
 Landings : 1,811 RE

A/C Reg # : N228CH
 Work Order # : STP50752
 A/C Ser # : 356



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Log Book : Airframe

Date : 5/12/2014

Routine Maintenance

34-00-00 Removed old #1 compass system KSG-105, P/N: 060-0013-01, S/N: 8773. Installed repaired KSG-105, P/N: 060-0013-01, S/N: 8958, repair performed by CRS: PR2R093L, WRK: AO2238, Dated: Dec/31/2013. Ran engine and performed check of compass systems - check good at this time. All work done in accordance with Socata TBM 700 Maintenance Manual section 34-21-01.

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: STP50752

Signed: [Signature] for Atlantic Aero, Inc. CRS# EWGR752D

A/C Model : Socata TBM700
Aircraft Time : 1,953.90
A/C Hour Meter : 1,953.90
Landings : 1,753

A/C Reg # : N228CH
Work Order # : STP50457
A/C Ser # : 356

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Log Book : Airframe

Date : 3/21/2014

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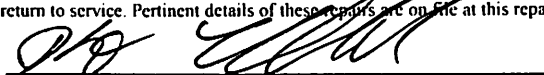
Routine Maintenance

28-00-00

Removed faulty fuel pressure transducer and installed serviceable fuel pressure transducer P/N: 9308704, S/N: 05314-00YBTD from aircraft N372TB, serial number 372. Work performed in accordance with Socata TBM 850 maintenance manual 28-40-03. Performed functional check with no defects 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: STP50457

Signed:



for Atlantic Aero, Inc. CRS#: EWGR752D

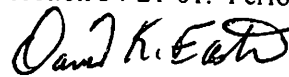
N228CH
S/N: 356
04/09/2014

Medical Air Operations



A/C TT: 1976.7
Hobbs: 1976.7
Landing Cycles: 1776

Removed KSG 105 Directional Gyro, P/N: 060-0013-01, S/N: 7646.
Installed Tested KSG105, P/N: 060-0013-01, S/N: 8773 from Honeywell International, Inc. (PR2R093L),
WO#: AO2083, dated December 19, 2013. Work performed in accordance with Socata Maintenance Manual, R42,
section 34-21-01. Performed operational check, good at this time.



David K. Eastwood AP2778982 for Medical Air Inc.

Special Check 67

Complied with Special Check 67-IFR Equipment Operational Test 91.411 & 91.413.
I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed.
LH S/N:0506024ID Date: 3/19/2014 tested to 35,000 feet.
RH S/N:05100289D Date: 3/19/2014 tested to 35,000 feet.
Stby S/N:447160 Date: 3/19/2014 tested to 35,000 feet.
Altitude reporting system tested to 35,000 feet.
I certify the transponder(s) (#1) Make: Garmin Model: GTX-330 S/N: 84205696 (#2) Make: Garmin Model: GTX-327
S/N: 83717913

has been tested and inspected and found to comply with the requirements of F.A.R. 91.413.

Special Check 69

Complied with Special Check 69-Encoding Altimeter FAR 91.411 with RVSM.
I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed.
LH S/N:0506024ID Date: 3/19/2014 tested to 35,000 feet.
RH S/N:05100289D Date: 3/19/2014 tested to 35,000 feet.
Stby S/N:447160 Date: 3/19/2014 tested to 35,000 feet.
Altitude reporting system tested to 35,000 feet.
I certify the transponder(s) (#1) Make: Garmin Model: GTX-330 S/N: 84205696 (#2) Make: Garmin Model: GTX-327
S/N: 83717913
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 700 Maintenance Manual section 34-11-00.
Performed altitude alerter system visual and functional check in accordance with Socata TBM 700 Maintenance Manual section 22-11-00.
Performed functional test of altitude/vertical speed selector in accordance with Socata TBM 700 Maintenance Manual section 22-11-07.
Complied with 100 hr fuselage inspection/check, RVSM privilege. Static port height and slope check per Socata TBM 700 Maintenance Manual section 53-00-00.

Routine Maintenance

23-00-00

Adjusted squelch in mid range frequency on #2 GNS-530, performed operational check - good at this time. All work done in accordance with Garmin 500 Series Installation Manual.

Log Entry 3 of 4

33-00-00

Verified lamps inop on pressurization gauge. Removed gauge P/N: 3300J-51, S/N: 1688. Removed and replaced lamps P/N: D158-100-5. Reinstalled pressurization gauge P/N: P/N: 3300J-51, S/N: 1688, and performed operational check of lamps - good at this time. All work done in accordance with Socata TBM 700N Maintenance manual section 21-30-00.

34-00-00

Removed left flux valve P/N: 071-1052-00, S/N: 71724. Installed new left flux valve P/N: 071-1052-00, S/N: 79689.
Removed right flux valve P/N: 071-1052-00, S/N: 71723. Installed new right flux valve P/N: 071-1052-00, S/N: 79692.
Performed compass adjustment and compass swing in accordance with Socata TBM 850 Maintenance Manual section 34-00-00.

34-00-00

Checked configuration and enabled radio altimeter. Performed ramp test of unit - good at this time. All work done in accordance with Socata TBM 850 Maintenance Manual section 34-00-00.

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: STP50217

Signed:

for Atlantic Aero, Inc. CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

42

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

Complied with 24 Month RVSM Inspection.

I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed.

LH S/N:05060241D Date: 3/19/2014 tested to 35,000 feet.

RH S/N:05100289D Date: 3/19/2014 tested to 35,000 feet.

Stby S/N:447160 Date: 3/19/2014 tested to 35,000 feet.

Altitude reporting system tested to 35,000 feet.

I certify the transponder(s) (#1) Make: Garmin Model: GTX-330 S/N: 84205696 (#2) Make: Garmin Model: GTX-327 S/N: 83717913

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 700 Maintenance Manual section 34-11-00.

Performed altitude alerter system visual and functional check in accordance with Socata TBM700 Maintenance Manual section 22-11-00.

Performed functional test of altitude/vertical speed selector in accordance with Socata TBM 700 Maintenance Manual section 22-11-07.

Complied with 100 hr fuselage inspection/check, RVSM privilege, Static port height and slope check per Socata TBM 700 Maintenance Manual section 53-00-00.

Complied with 12 month inspection of Auto Pilot Altitude Control system per UNC Medical Air RVSM Maintenance Program. All work done in accordance with Socata TBM-700 Maintenance Manual section 22-11-07(CA)-504

Complied with fuselage inspection/check, RVSM privilege, Static port height and slope check per Socata TBM700 Maintenance Manual section 53-00-00.

Complied with annual inspection of Garmin GDL-69 in accordance with Garmin GDL-69 XM Satellite Radio Instructions for Continued Airworthiness, document number 190-00355-00.

Complied with ICA for STC# SA01692SE Garmin GMX-200 Per Document # 190-00607-00.

Complied with visual inspection of #1 and #2 GNS 530W. All work done in accordance with Garmin 500W series document no. 190-00357-65.

Special Check 65

Complied with Special Check 65-Transponder Control Operational Test 91.413.

I certify the transponder(s) (#1) Make: Garmin Model: GTX-330 S/N: 84205696 (#2) Make: Garmin Model: GTX-327 S/N: 83717913

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
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 : 1,953.90 A/C Hour Meter : 1,953.90 Landings : 1,753 A/C Reg # : N228CH Work Order # : STP50217 A/C Ser # : 356					
Log Book : Airframe Date : 3/21/2014					
Airframe Inspection Items 05-00-00 Complied with tightness test of air data system in accordance with Socata TBM 850 Shailene Woodley Maintenance Manual section 34-11-00. 05-00-00 Performed VMO warning operational test in accordance with Socata TMB 850 Maintenance Manual section 34-11-06. 05-00-00 Complied with Special Check 56 - Servo Act. B35, B36, B37 & B38 Clutch Torques. Socata TBM 700/850 Maintenance Manual 22-11-00. 05-00-00 Complied with Special Check 57 - Servo Act. B35, B36, B37 & B38 Cable Tension in accordance with Socata TBM Maintenance Manual 22-11-03.					
Special Inspection Items					

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SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

41

Routine Maintenance

- 24-00-00 Adjusted G2 belt tension in accordance with Socata TBM850 aircraft maintenance manual chapter 24-30-05.
- 27-00-00 Adjusted rudder control cable tension cable in reference to Socata TBM 700 Model Maintenance Manual Chapter 27-20-00.
- 28-00-00 Removed serviceable low pressure fuel pump P/N: LHCF1976, S/N: 387 for use on aircraft N227CH, serial number 357 and installed new low pressure fuel pump P/N: 6048517292, S/N: 766 in accordance with Socata TBM 700 maintenance manual 28-20-04.
- 32-00-00 Replaced all brake wear linings on left brake backplate and pressure plate with new linings, p/n 109-01500 and brake disc, p/n 159-02700, in accordance with Parker Component Maintenance Manual for brake assembly 30-191 section 600.
- 32-00-00 Serviced all three landing gear struts with nitrogen in accordance with Socata TBM 700 maintenance manual chapter 12-14-01 and 12-14-02.
- 52-00-00 Adjusted cabin steps as required in reference to Socata TBM 700 Maintenance Manual Chapter 52-60-00.
- 56-00-00 Received "STATEMENT OF NO TECHNICAL OBJECTION" from DAHER-SOCATA, stating that the defects are acceptable. Reference Socata Statement of no technical objection, dated 03/18/2014. Atlantic Aero cannot accept any responsibility as the maintenance manual states that there is zero allowable damage in this area of the windshield.
- 56-00-00 Measured small nick in left side cabin window at .002" which is within limits specified in Socata TBM850 aircraft maintenance manual chapter 56-10-00. Repaired minor nick in accordance with Socata TBM 700 Model Maintenance Manual 56-00-00 and standard shop practices.
- 56-00-00 Measured small nick in window on cabin door at .002" which is within limits specified in Socata TBM850 aircraft maintenance manual chapter 56-10-00. Repaired minor nick in accordance with Socata TBM 700 Model Maintenance Manual 56-00-00 and standard shop practices.
- 61-00-00 Removed worn beta carbon block and installed a new carbon block P/N 6036387238 in accordance with Pratt & Whitney PT6A-64 Maintenance Manual Section 76-10-00 and Hartzell Propeller Owners Manual 149 Section 61-00-49.

Log Entry 4 of 5

- 74-00-00 Removed faulty ignition lead PN: 3119836-01 and installed new ignition lead PN: 3119836-01. Function tested serviceable. All work done in accordance with Pratt & Whitney Canada Maintenance Manual No. 3038321 section 74-20-00
- 77-00-00 Installed repaired Shadin Processor, P/N 913200-30121 IC7, S/N 1022 W/O 03111401 CRS# K5NR335Y Dated 18/Mar/2014, in reference to Socata TBM 700 Maintenance Manual Chapter 77-12-00.
- 91-10-10 Inspected Flight Manual Z00.DMNF:M00EE0R4EN for current revision. no defects noted.
- 91-10-10 Reviewed ATP Compliance & Bi-Weekly List through 2014-05. no Airworthiness Directives due at this time.

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: STP50217

Signed:

for Atlantic Aero, Inc. CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

SERVICE DE L'AERONEF - AIRCRAFT RECORD					
Dates Dates	Temps de vol depuis la précédente opé- ration d'entretien Duration of flight since last maintenance operation	Heures totales Hours since manufacture	Heures depuis entretien majeur Hours since major maintenance	Nombre d'atterrissages Number of landings	Motif de l'entretien Maintenance motive
	Special Check 70	Complied with Special Check 70- Cockpit Oxygen Mask Inspection in accordance with Socata TBM850 aircraft maintenance manual chapter 35-10-02.			
	Special Check 71	Complied with Special Check 71- Passenger Oxygen Mask Inspection in accordance with Socata TBM850 aircraft maintenance manual chapter 35-20-02.			
	Special Check 74	Complied with Special Check 74-Passenger Oxygen Mask Cleaning in accordance with Socata TBM850 aircraft maintenance manual chapter 35-21-10.			
	Special Check 75	Complied with Special Check 75-Vacuum Filter Check for Condition in accordance with Socata TBM850 aircraft maintenance manual chapter 37-10-06.			
	Special Check 76	Complied with Special Check 76-Drain Under Floor Inspection in accordance with Socata TBM850 aircraft maintenance manual chapter 53-20-00.			
	Special Check 79	Complied with Special Check 79- Check Refrigerant Charge of Vapor Cycle Cooling System in accordance with Socata TBM850 aircraft maintenance manual chapter 12-15-03.			
	Special Check 82	Complied with Special Check 82-Water Separator Filter inspection in accordance with Socata TBM850 aircraft maintenance manual chapter 30-10-04.			
	Special Check 86	Complied with Special Check 86-ELT Operational Test (FAR 91.207(d) in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.			
	Special Check 87	Complied with Special Check 87-Check of Rudder Cable Tension in accordance with Socata TBM850 aircraft maintenance manual chapter 27-20-00.			
	Special Check 88	Complied with Special Check 88- Check of Elevator Trim Tab Cable Tension in accordance with Socata TBM850 aircraft maintenance manual chapter 27-30-00.			
Airworthiness Directives					
Complied with AD2007-04-13 Main Landing Gear Strut Housing Inspection. No defects noted at this time.					
Service Bulletins					
SB 70-118					
Complied with Service Bulletin 70-118 Flap Actuator Free Play Check & Lube. No defects noted at this time.					
Log Entry 3 of 5					

Next due: 1928 Lg. by Cxlen/K4

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

40

Détails vérifications et travaux entretien – Révisions partielles ou générales

Modifications – Essais en vol

Particulars of inspections and maintenance – Minor or major overhauls

Modifications – Test flights

Cachet – Signature réparateur

Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

Special Check 104	Complied with Special Check 104- Lubrication of Left Main Landing Gear Wheel Bearings in accordance with Socata TBM850 aircraft maintenance manual chapters 12-21-05 and 32-40-01.	
Special Check 104	Complied with Special Check 104- Lubrication of Right Main Landing Gear Wheel Bearings in accordance with Socata TBM850 aircraft maintenance manual chapters 12-21-05 and 32-40-01.	
Special Check 105	Complied with Special Check 105-Left MLG Wheel Check Bearings For Corrosion in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 105	Complied with Special Check 105-Right MLG Wheel Check Bearings For Corrosion in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 107	Complied with Special Check 107- Check of Left MLG Shock Absorber Pressure in accordance with Socata TBM850 aircraft maintenance manual chapter 12-14-01.	
Special Check 107	Complied with Special Check 107- Check of Right MLG Shock Absorber Pressure in accordance with Socata TBM850 aircraft maintenance manual chapter 12-14-01.	
Special Check 114	Complied with Special Check 114-NLG Wheel bearings Clean & Lubricate in accordance with Socata TBM850 aircraft maintenance manual chapters 12-21-05 and 32-40-02.	
Special Check 117	Complied with Special Check 117- Check of NLG Shock Absorber Pressure in accordance with Socata TBM850 aircraft maintenance manual chapter 12-14-02.	
Special Check 32	Complied with Special Check 32- Inspection of Beta Ring Carbon Block in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.	
Special Check 47	Complied with Special Check 47- Operational Test of Engine Chip Detector in accordance with Socata TBM850 aircraft maintenance manual chapter 79-20-02.	
Special Check 52	Complied with Special Check 52- Clean Valve Seat of Outflow Valve in accordance with Socata TBM850 maintenance manual 21-30-02.	
Special Check 54	Complied with Special Check 54- Clean Valve Seat of Safety Valve in accordance with Socata TBM850 maintenance manual 21-30-03.	
Special Check 61	Complied with Special Check 61-Hand Held Fire Bottle Inspect Weight & Pressure in accordance with Socata TBM850 aircraft maintenance manual chapter 26-20-01.	

A/C Model : Socata TBM700
 Aircraft Time : 1,953.90
 A/C Hour Meter : 1,953.90
 Landings : 1,753

A/C Reg # : N228CH
 Work Order # : STP50217
 A/C Ser # : 356



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Dates Log Book : Airframe

Date : 3/21/2014

Airframe Inspection Items

05-00-00

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

AD notes checked through Bi-Weekly 2014-05.

Signed:

for Atlantic Aero, Inc. CRS#: EWGR752D

A/C Model : Socata TBM700
 Aircraft Time : 1,953.90
 A/C Hour Meter : 1,953.90
 Landings : 1,753

A/C Reg # : N228CH
 Work Order # : STP50217
 A/C Ser # : 356



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Log Book : Airframe

Date : 3/21/2014

Special Inspection Items

Special Check 115

Complied with Boom Beam Landing Light Inspection per ICA for STC LSM-500-045 Rev. B dated 10-26-2011.

Special Check 03

Complied with Special Check 115- Check of NLG Wheel for Condition & Corrosion in accordance with Socata TBM850 aircraft maintenance manual chapter 05-20-05.

Special Check 05

Complied with Special Check 03-Protection of External Movable Parts in accordance with Socata TBM850 aircraft maintenance manual chapter 12-21-04.

Special Check 06

Complied with Special Check 05- Check of Spoiler & Aileron Cable Tensions in accordance with Socata TBM850 aircraft maintenance manual chapter 27-10-00.

Special Check 09

Complied with Special Check 06 - Gauges Low level Test & Indicator Calibration in accordance with Socata TBM850 aircraft maintenance manual chapter 28-40-00.

Special Check 103

Complied with Special Check 09- Check of Oxygen System Components & Lines For Condition in accordance with Socata TBM850 aircraft maintenance manual chapter 35-00-00.

Special Check 103

Complied with Special Check 103- Check of Left Main Landing Gear For Condition in accordance with Socata TBM850 aircraft maintenance manual chapters 12-21-05 and 32-00-00.

Special Check 103

Complied with Special Check 103- Check of Right Main Landing Gear For Condition in accordance with Socata TBM850 aircraft maintenance manual chapters 12-21-05 and 32-00-00.

Complied with Special Check 103- Check of Nose Landing Gear For Condition in accordance with Socata TBM850 aircraft maintenance manual chapters 12-21-05 and 32-00-00.

N228CH
S/N: 356
2/17/2014

Medical Air Operations

A/C TT: 1927.3
Hobbs: 1927.3
Landing Cycles: 1727

e réparateur
mise en service
of overhauler
release

- Removed loaner KVG 350 Gyro, P/N: 060-0026-00, S/N: 4066 from N228CH in serviceable condition. Installed Modified KVG 350 Gyro, P/N: 060-0026-00, S/N: 1628 from Honeywell International, Inc. (PR2R093L), WO#:AO0738, dated November 19, 2013. Performed operational check, good at this time.
- Removed Shadin OAT probe P/N: 681201, S/N: 8354 and installed new probe P/N: 681201, S/N: 12701. Installed IAW Shadin Avionics manual P/N: IM1201, Rev C dated 2-14-05. Ground operational check good.
- Replaced 3 interior cabin lights, P/N: T700A3320024000 IAW Socata Maintenance Manual, R41 section 33-20-00 (DA), Pages 401-403. Ground operational check good.

David K. Eastwood AP2778982 for Medical Air Inc.

N228CH
S/N: 356
2/27/2014

Medical Air Operations

A/C TT: 1944.7
Hobbs: 1944.7
Cycles: 1741

- Replaced Left brake wear pads with new wear pads P/N: 109-01500 (32) and new rivets P/N: 105-00900 (64). Installed IAW Parker Hannifin CM30-191 component maintenance manual.

Jeremy A. Greene AP3666293 For Medical Air Inc.

N228CH
S/N: 356
2/05/2014

Medical Air Operations



A/C TT: 1915.5
Hobbs: 1915.5
Landing Cycles: 1715

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notive

- Replaced pilots and copilots defog/demisting ducts with new ducts, pilot's P/N: T700A2120033100, copilot's P/N: T700A2120033101. (ducts from distribution box to demisting circuit adapter assembly).
- Replaced right cabin heat hose with new hose, P/N: T700A2120032105. (hose from distribution box to right side cabin heat).

David K. Eastwood
David K. Eastwood AP2778982 for Medical Air Inc.

A/C Model : Socata TBM700
Aircraft Time : 1,927.00
A/C Hour Meter : 1,927.00
Landings :

A/C Reg # : N228CH
Work Order # : AB50211
A/C Ser # : 356



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Log Book : Airframe

Date : 2/17/2014

Routine Maintenance

31-00-00 Verified Vertical gyro failure. Removed Bendix/King KVG350 PN:060-0026-00 SN:4109. Installed Bendix/King KVG350 PN:060-0026-00 SN:4066 removed from N227CH Aircraft SN:334. This unit was considered to be in serviceable condition. Ref KFC325 Installation manual. Unit function checks good during ground test.

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: AB50211

Signed: *David K. Eastwood* for Atlantic Aero, Inc. CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

38

A/C Model : Socata TBM700
Aircraft Time : 1.872.60
A/C Hour Meter : 1.872.60
Landings : 1.676

A/C Reg # : N228CH
Work Order # : AB49530
A/C Ser # : 356



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Log Book : Airframe Date : 12/23/2013

Routine Maintenance

- 34-00-00 Gained access to bottom traffic antenna KA-815, P/N: 071-01599-0100, S/N: 16315. Installed new bottom traffic antenna P/N: 071-01599-0100, S/N: 24326. Edge sealed antenna and performed operational check - good at this time. All work done in accordance with Socata TBM 850 Maintenance Manual section 34-44-02.
- 34-00-00 Removed copilot's VSI P/N: 7060 C.118, S/N: 314046. Installed copilot's overhauled VSI P/N: 7060 C.118, S/N: 1E453. overhaul performed by CRS: OL2R061L, WRK: 0220442, dated: Aug/30/2013. Performed operational check and leak test - good at this time. All work done in accordance with Socata TBM 850 Maintenance Manual section 34-11-02 and 34-11-00. I certify the static pressure system was tested as required by FAR 91.411.
- 34-00-00 Complied with Static Port Slope Check in accordance with Socata TBM 850 Maintenance Manual 53-00-00. Static ports are within tolerance.
- 34-00-00 Removed Slaving Accessory P/N 071-1242-06, S/N 21895 and replaced with Repaired P/N 071-1242-06, S/N 36822, CRS# PR2R093L, WO# AL7045 Dated MAR23/2012. Adjusted both #1 and #2 Slaving accessories. Functional test good. All work performed in accordance with KCS55A Maintenance Manual.
- 39-00-00 Removed radome and removed weather radar ART-2000, P/N: 071-01519-0101, S/N: 9744. Installed repaired weather radar ART-2000, P/N: 071-01519-0101, S/N: 8091, repair performed by CRS: PR2R093L, WRK: AO1669, dated: 12/13/2013. Performed operational check - good at this time. All work done in accordance with Socata TBM 850 Maintenance Manual section 34-42-01.

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: AB49530

Log Entry 1 of 2

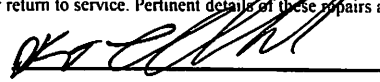
Signed:

for Atlantic Aero, Inc. CRS#: EWGR752D

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
30-00-00		Repaired several cuts in left wing inboard de-ice boot per Aerazur Component maintenance manual TBM700 - Pneumatic De-icer Boots chapter 30-10-00.			
30-00-00		Repaired several cuts in right horizontal leading edge de-ice boot per Aerazur Component maintenance manual TBM700 - Pneumatic De-icer Boots chapter 30-10-00.			
32-00-00		Removed old brake pads PN: 109-01500 , installed new brake pads PN: 109-01500, installed brakes onto right main gear leg. All work performed in accordance with Socata TBM850 Maintenance Manual 32-40-00.			
32-00-00		Applied missing PR Compound to nose landing gear as required in accordance with Socata TBM850 aircraft maintenance manual chapter 32-20-01.			
32-00-00		Removed LH wheel assembly P/N 40-434 S/N 1220. Removed tire P/N 185F03-5 S/N 21382329. Installed new tire P/N 185F03-5 S/N 31552173. Removed RH Wheel assembly P/N 40-434 S/N 1233. Removed tire P/N 185F03-5 S/N 31552301. Installed new tire P/N 185F03-5 S/N 31542125. Cleaned, inspected, and repacked all MLG wheel bearings. All work performed in accordance with Parker Aerospace Component Maintenance Manual for Wheel Assembly P/N 40-434.			
33-00-00		Cabin lights deferred by AFM Section 2 Limitation/ Kinds of operation. Lights not required per Kinds of operations approved for this aircraft.			
57-00-00		Checked torque on left and right wing flap carriage bolts and found all four right flap inboard bolts and one right flap outboard carriage bolts to be loose. Torqued all flap carriage bolts, cleaned applied new red paint as a slackening indication in reference to Socata TBM 850 Maintenance Manual 57-50-00.			
76-00-00		Removed worn propeller detent due to being worn beyond limits and installed a new, P/N T700A7610101000, in reference to Socata TBM 700 Maintenance Manual Chapter 76-10-02.			
91-10-10		Reviewed Flight Manual Z00.DMNFM00EE0R4EN for current revision, no defects noted.			
91-10-10		Reviewed ATP & Bi-Weekly list through 2013-25 for applicable Airworthiness Directives, none 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: STP49828

Signed: 

for Atlantic Aero, Inc. CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

37

A/C Model : Socata TBM700
Aircraft Time : 1,872.60
A/C Hour Meter : 1,872.60
Landings : 1,676

A/C Reg # : N228CH
Work Order # : STP49828
A/C Ser # : 356



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Log Book : Airframe

Date : 12/23/2013

Airframe Inspection Items

05-00-00 I certify this AIRCRAFT has been inspected in accordance with an 100 Hour inspection and is approved for return to service.
AD notes checked through Bi-Weekly 2013-25.

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

A/C Model : Socata TBM700
Aircraft Time : 1,872.60
A/C Hour Meter : 1,872.60
Landings : 1,676

A/C Reg # : N228CH
Work Order # : STP49828
A/C Ser # : 356



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Log Book : Airframe

Date : 12/23/2013

Special Inspection Items

- Special Check 15 Complied with Special Check 15-Water Separator for Cleanliness in reference to SocataTBM 700 Maintenance Manual Chapter 05-20-05 and 21-50-04.
- Special Check 26 Complied with Special Check 26-Standby Generator Belt Replace in reference to Socata TBM 700 Maintenance Manual Chapter 05-20-05 and 24-30-05.
- Special Check 53 Complied with Special Check 53-Engine Chip Detector Due in reference to Socata TBM 700 Maintenance Manual Chapter 05-20-05 and Pratt & Whitney Canada Maintenance Manual Chapter 79-20-02.

Service Bulletins

Complied with SB 70-118 Flap Actuator Free Play Check. No defects noted.

Routine Maintenance

- 23-00-00 Replaced 2 static wicks, one on the left aileron and one on the right aileron, in reference to Socata TBM 700 Maintenance Manual Chapter 23-60-00.
- 28-00-00 Fuel panel kit installed on panel opening 637, right wing. Installed in accordance with Socata drawing 2T700 A 5120 563. Work complied with by Aeroteams, CRS# 3A9R293B. Reference Aeroteams form AT Form-001, dated 12/20/2013, work order 55-13159.
- 30-00-00 Repaired several cuts in right wing outboard de-ice boot per Aerazur Component maintenance manual TBM700 - Pneumatic De-icer Boots chapter 30-10-00.

N228CH
S/N: 356
10/24/2013

Medical Air Operations



A/C TT: 1796.9
Hobbs: 1796.9
Landing Cycles: 1580

Removed KSG 105 Gyro P/N: 060-0013-01, S/N: 8883 and installed repaired unit P/N: 060-0013-01, S/N: 8163 from Honeywell International, Inc. Olathe, Kansas PR2R093L under WO #AN6384 dated July 30, 2013. Installed gyro and ED 461 test good.

Jeremy A. Greene AP3666293 For Medical Air Inc.

A/C Model : Socata TBM700
 Aircraft Time : 1,804.90
 A/C Hour Meter : 1,804.90
 Landings :

A/C Reg # : N228CH
 Work Order # : AB49446
 A/C Ser # : 356



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Log Book : Airframe

Date : 11/1/2013

Routine Maintenance

34-00-00 Removed #1 KSG105 - P/N: 060-0013-01, S/N: 8883. Installed tested KSG105 - P/N: 060-0013-01, S/N: 7646. Testing performed by CRS# PR2R093L, under WO# AM8726, on Jan/18/2013. Performed operational check after installation- good at this time. All work done in accordance with Socata TBM 850 Maintenance Manual 34-00-00.

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: AB49446

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

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

36

A/C Model : Socata TBM700
Aircraft Time : 1,768.50
A/C Hour Meter : 1,768.50
Landings :

A/C Reg # : N228CH
Work Order # : STP49302
A/C Ser # : 356

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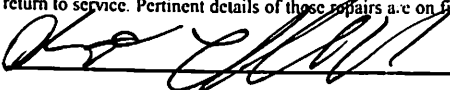
Log Book : Airframe

Date : 10/7/2013

Routine Maintenance

34-00-00 Complied with 600 hr altitude alerter system check in accordance with Socata TBM 700 Maintenance Manual section 22-11-00.

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: STP 49302

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

A/C Model : Socata TBM700
Aircraft Time : 1,768.50
A/C Hour Meter : 1,768.50
Landings :

A/C Reg # : N228CH
Work Order # : STP49302
A/C Ser # : 356

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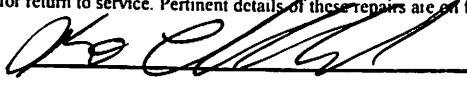
Log Book : Airframe

Date : 10/7/2013

Routine Maintenance

28-00-00 Left and right wing fuel leaks repaired by Aeroteams, CRS# 3A9R293B. Reference Aeroteams form AT Form-001, dated 10/06/2013, work order 55-130128.

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: STP49302

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

N228CH
S/N: 356
10/02/2013

UNC Medical Air Inc.



A/C TT: 1768.5hr.
Hobbs: 1768.5hr.
Landing Cycles: 1543

ten
tive

I certify the completion of the 100 hour Aircraft inspection in accordance with (IAW) the TBM 700 Maintenance Manual, P/N: ZOO.DMAMMPXEEOR41 and is approved for return to service.

Service Bulletins

- C/W Socata TBM 700 SB 70-118 Flap Lubrication. C/W SB 70-118 by cleaning and lubricating the flap jackscrews.
- C/W Socata TBM 700 SB 70-053 Amdt. 2. Elevator trim tab check. Performed elevator trim tab check per SB70-053, Amdt.2, Para. A., both within limits at this time.

Special Inspection Items

- Verified that there were no revisions for the POH P/N: ZOO.DMNFMOOEEOR4EN at this time.
- ICA-GDL-69A C/W 12 month inspection of GDL 69/69A satellite radio SA01487SE IAW Doc#: 190-00355-00, Rev. C.
- 53-00-00-601 C/W RVSM static port slope check IAW Socata TBM 700 MM section 53-00-00, pg. 601, paragraph 1.B.5-10.
- ICA- BBLL C/W the Boom Beam landing light 100hr. Inspection IAW LSM-500-045, Rev. B.
- C/W Special Check #02 Lubrication of External Doors. Lubricated per Socata MM, section 12-21-02 and 12-21-03.
- C/W Special Check #15, Water Separator Cleanliness Inspection IAW Socata MM, section 21-50-04.
- C/W Special Check # 27 Standby Generator Check Brushes. Performed inspection in accordance with Kelly Aerospace SIL A-116. Removed brushes and replaced with new P/N: ALE-1013AS brushes. Secured brush holder and cooling shroud. Ground ran, ops check -o.k.
- C/W Special Check #92 Fuel Unit Filter Replace Element. Replace element, P/N: 402C14-1, with new o-rings 7423800088, 6071017253 per TBM MM. 28-20-01, pg.301, 302. No leak at this time.
- C/W Special Check # 140 Shimmy Damper for Condition. C/W IAW Shimmy Damper Component MM. P/N. T00.DMACMAIEE0R2. No defects noted.

Routine Maintenance

- Removed left and right landing light lens and installed new left lens, P/N: 700A3340004101 and new right lens,

David K. Eastwood
 David K. Eastwood AP2778982 for Medical Air Inc.

*Medical Air Operations***N228CH****S/N: 356****Hobbs: 1748.4****Acft TT: 1748.4**r
vice
uler**17 September 2013****(Lndg) Cycles: 1524**

- Removed fuel sequencer, S/N: 353. Installed new fuel sequencer, P/N: 6092527228, S/N: 671. Installed sequencer in accordance with SOCAT TBM 700 Maintenance Manual, R41, Sect. 28-20-03, p.401. Ops check o.k.- ground and flight modes.

- Replaced right Ground Safety Microswitch with new P/N: N7531170012 switch. Adjusted switch per. Sect. 32-30-07, p.501,502.

- Replaced door proximity switch with new P/N: T700A5270010000 and adjusted per sect. 52-70-00, p.401,402.drdddd403.

A handwritten signature in dark ink, appearing to read "Paul A. Cotrufo".

Paul A. Cotrufo AP2775653

N228CH
S/N: 356
7/12/2013

Medical Air Operations



A/C TT: 1676.2
Hobbs: 1676.2
Landing Cycles: 1429

Jacked aircraft. Removed **Right** wheel assembly, disassembled, cleaned, inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 18x5.5, 10 ply, S/N: 31552301 and o-rings, (1)P/N: MS28775-261 and (2) M83461/I-145. Installed using new nuts P/N: NAS1804-6N-28 and torqued wheel halves to 325 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings. Reinstalled and safetied wheel assembly. Service tire with nitrogen to 135 psi. Worked performed IAW DAHER-SOCATA Maintenance Manual R40, section 32-40-01, pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.

Jeremy A. Greene AP3666293 For Medical Air Inc.

Medical Air Operations

N228CH
S/N: 356
5 September 2013



Hobbs: 1724.6
Acft TT: 1724.6
(Lndg) Cycles: 1492

Removed aircraft battery, S/N: 40484916. Installed new Concorde aircraft battery, P/N: RG-380E/44, S/N: 40568388. Secured heat shield. Start and ground ran, ops check o.k.

Paul A. Cotrufo AP2775553

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

A/C Model : Socata TBM700

A/C Reg # : N228C11

Aircraft Time : 1,673.50

Work Order # : STP48524

A/C Hour Meter : 1,673.50

A/C Ser # : 356

Landings : ~~1,382~~ 1426 DFE



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: en service

overhauler

ease

Log Book : Airframe

Date : 7/12/2013

Special Inspection Items

Complied with Static Port Slope Check in accordance with Socata TBM 850 Maintenance Manual 53-00-00. Static ports are within tolerance.

Routine Maintenance

34-00-00 Performed Air Data System adjustment/test in accordance with Socata TBM 700 Maintenance Manual section 34-11-00. I certify the #1 and #2 static pressure system was tested as required by FAR 91.411.

34-00-00 Removed Copilot's VSI indicator United PN: 7060C.118 (Socata PN: 6074687258) SN: :1E453 and replaced with United PN: 7060C.118 (Socata PN: 6074687258) SN: 314046 overhauled by CRS: OL2R061L, WRK: 0213860, Dated: Jun/24/2013. Performed operational check and leak check - good at this time. All work done in accordance with Socata Maintenance Manual 34-11-02.

34-00-00 Performed Air Data System adjustment/test in accordance with Socata TBM 700 Maintenance Manual section 34-11-00. I certify the #1 and #2 static pressure system was tested as required by FAR 91.411

34-00-00 Removed pilot standby horizon P/N 1U149-014-12 a.k.a. 5000B-73, S/N T19086Q and installed overhauled unit P/N 1U149-014-12 a.k.a. 5000B-73, S/N T75934P overhauled by CRS# OL2R061L on WO# WRK0218659 on JUN 14, 2013. Ops check good. All work performed in accordance with Socata TBM maintenance manual 34-24-00.

34-00-00 Removed KMH 820 P/N 066-01175-2101 S/N 2666 and replaced with KMH 820 P/N 066-01175-2101 S/N 2432 modified by CRS# PR2R093L WO#AN0035 on 2/19/13. Ops check good. All work performed in accordance with Socata TBM maintenance manual 34-44-00 and 34-44-01.

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: STP48524

Signed:

for Atlantic Aero, Inc. CRS#: EWGR752D

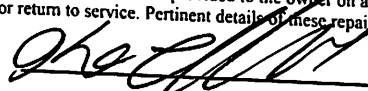
SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Service Bulletin Complied with Service Bulletin 70-207-32 Landing Gear Actuator Lower Attachment. No defects noted.
70-207-32

Routine Maintenance

Dates	
32-00-00	Installed new customer supplied brake pads, P/N 109-01500 (32 each) and new customer supplied rivets, P/N 105-00900 (64 each) on left main brake assembly in accordance with Parker Hannifin CM30-191 component maintenance manual.
32-00-00	Installed new customer supplied brake pads, P/N 109-01500 (32 each) and new customer supplied rivets, P/N 105-00900 (64 each) on right main brake assembly in accordance with Parker Hannifin CM30-191 component maintenance manual.
32-00-00	Removed left main tire, P/N 185F03-5, S/N 21222356 and installed new customer supplied tire, P/N 185F03-5, S/N 21382329. Work performed in accordance with Parker Hannifin CM40-434 component maintenance manual.
91-10-10-ADM	Reviewed Flight Manual Z00.DMNFM00EE0R4EN for current revisions, no defects noted.
91-10-10-ADM	Reviewed Bi-Weekly list through 2013-13 for applicable Airworthiness Directives, none 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: STP48524

Signed: 

for Atlantic Aero, Inc. CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

33

Détails véri

A/C Model : Socata TBM700

A/C Reg # : N228CH

Aircraft Time : 1,673.50

Work Order # : STP48524

A/C Hour Meter : 1,673.50

A/C Ser # : 356

Particular:

Landings : ~~1,382~~ 1,426 DE



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Log Book : Airframe

Date : 7/12/2013

Airframe Inspection Items

05-00-00

I certify this AIRCRAFT has been inspected in accordance with an 600 HOUR inspection and is approved for return to service.

AD notes checked through Bi-Weekly 2013-13.

Signed:

[Signature]

for Atlantic Aero, Inc. CRS#: EWGR752D

A/C Model : Socata TBM700

A/C Reg # : N228CH

Aircraft Time : 1,673.50

Work Order # : STP48524

A/C Hour Meter : 1,673.50

A/C Ser # : 356

Landings : ~~1,382~~ 1,426 DE



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Log Book : Airframe

Date : 7/12/2013

Special Inspection Items

Special Check 15

Comply with Special Check 15 - Check of Water Separator for Cleanliness in accordance with Socata TBM850 aircraft maintenance manual chapter 21-50-04.

Special Check 24

Complied with Special Check 24-Concorde Lead Acid Battery Initial Inspection. P/N: RG-380E/44, S/N: 40484916. No defects noted. All work performed in accordance with Concorde Battery Corp. Component Maintenance Manual RG Series Main Aircraft Battery 24-30-71.

Special Check 25

Complied with Special Check 25 - Check Condition of Battery Heatshield. No defects noted.

Special Check 29

Complied with Special Check 29 - Starter Generator Brush Check in accordance with Thales Service Bulletin 8012-24-004. Brushes measured 13 mm and are good for return to service as is until next overhaul or 600 hours.

Service Bulletins

Service Bulletin
70-197-32

Complied with Service Bulletin 70-197-32 Security of Landing Gear Actuator Rod / Piston, no defects noted at this time.

Service Bulletin
70-118

Complied with Service Bulletin 70-118 Flap Actuator Free Play Check. Free play within acceptable limits at this time.

Service Bulletin
70-132

Complied with Service Bulletin 70-132 Installation of a Chip Detector System.

Service Bulletin
70-206-32

Complied with Service Bulletin 70-206-32 Landing Gear Actuator Rod End Assembly. No defects noted at this time.

N228CH
S/N: 356
5/17/2013

Medical Air Operations

A/C TT: 1612.2
Hobbs: 1612.2
Landing Cycles: 1366

I certify the completion of the 500 hour Aircraft inspection in accordance with (IAW) the TBM 700 Maintenance Manual, P/N: ZOO.DMAMMPXEEOR41 and is approved for return to service.

Service Bulletins

- C/W Socata TBM 700 SB 70-118 Flap Lubrication. C/W SB 70-118 by cleaning and lubricating the flap jackscrews.
- C/W Socata TBM 700 SB 70-053 Amdt. 2. Elevator trim tab check. Performed elevator trim tab check per SB70-053, Amdt.2, Para. A.

Special Inspection Items

- 53-00-00-601 C/W RVSM static port slope check IAW Socata TBM 700 MM section 53-00-00, pg. 601, paragraph 1.B.5-7.
- ICA- BBLL C/W the Boom Beam landing light 100hr. inspection IAW LSM-500-045, Rev. B.
- C/W special check #15, water separator cleanliness inspection IAW Socata MM, section 21-50-04.
- C/W special check #29, starter generator brush inspection IAW SB8012-24-004, all brushes within limits.
- Verified that there were no revisions for POH, PN: ZOO.DMNFMOOEEOR4EN, EOR4 at this time.
- Installed new flap handle roll pin P/N: N5785256030.
- Jacked aircraft. Removed **Right** wheel assembly, disassembled, cleaned, inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 185F03-5, 18x5.5, 10 ply, S/N: 21402146 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Torqued wheel halves to 325 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings. Reinstalled and safetied wheel assembly. Service tire with nitrogen to 135 psi. Worked performed IAW DAHER-SOCATA Maintenance Manual R41, section 32-40-01, pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.


Jeremy A. Greene

AP3666293

For Medical Air Inc.

A/C Model : Socata TBM700
 Aircraft Time : 1,584.20
 A/C Hour Meter : 1,584.20
 Landings :

A/C Reg # : N228CH
 Work Order # : AB48000
 A/C Ser # : 356



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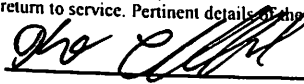
réparateur
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 of overhauler
 elease

Log Book : Airframe Date : 4/19/2013

Routine Maintenance

- 34-00-00 Discrepancy: #1 KSG-105 not supplying heading info. Resolution: Removed defective KSG105 P/N: 060-0013-01 S/N: 9107. Installed modified unit P/N: 060-0013-01 S/N 8883, supplied by FAA CRS# PR2R093L under work order AM7170 and 8130-3 dated 12/11/2012. Function test good at this time. Work performed in accordance with Honeywell KCS55 Installation Manual.
- 34-00-00 Discrepancy: KI-525A - #2 HSI gearing bad. Resolution: Removed defective copilots HSI P/N: 066-3046-07 S/N: 95750. Installed repaired unit P/N: 066-3046-07 S/N: 93843. Unit supplied by FAA CRS# PR2R093L under work order AM7752 and 8130-3 dated 01/02/2013. Function test confirmed system proper operation. Work performed in accordance with Honeywell KCS55A Installation Manual.

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: AB48000

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

Reg #: N228CH
 Model: TBM700
 Serial #: 356
 Work Order: STP48063



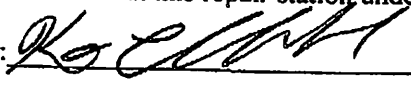
ATLANTIC AERO
 Greensboro, North Carolina

PO Box 35408 Greensboro, NC 27425

Total Time: 1594.40
 Landings: 1351
 Date: 4/29/2013
 Tach/Hobbs: 1594.4

Fuel leaks present on panels 632/637, 531/552. Fuel leaks repaired by Aeroteams, CRS # 3A9R293B, under work order 55-13044. Reference Aeroteams form AT Form-001, dated 4/25/2013.

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: 48063

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

A/C Model : Socata TBM700
 Aircraft Time : 1,535.20
 A/C Hour Meter : 1,535.20
 Landings : 1,270

A/C Reg # : N228CH
 Work Order # : STP47592
 A/C Ser # : 356



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Log Book : Airframe

Date : 3/11/2013

Special Inspection Items

- 12 Month RVSM Performed functional test of altitude/vertical speed selector in accordance with Socata TBM 700 Maintenance Manual section 22-11-07.
- 22-11-00-501 Complied with Special Check 63 - Servo Actuator B35,B36,B37 & B38 Clutch Torque Check in accordance with Socata TBM850 maintenance manual 22-11-00-501.
- 22-11-03-501 Complied with Special Check 64 - Servo Actuator B35,B36,B37 & B38 Cable Tension Check in accordance with
 22-11-04-501 TBM850 maintenance manual chapters 22-11-03, 22-11-04 and 22-11-05.
 22-11-05-501
- ICA GNS 530W Complied with visual inspection of #1 and #2 GNS 530W. All work done in accordance with Garmin 500W series document no. 190-00357-65, rev. B section 2.5.
- SA01692SE Complied with ICA for STC# SA01692SE Garmin GMX-200 Per Document # 190-00607-00 Rev A. Section 2.5.

Routine Maintenance

- 33-00-00 Installed Aveo Flashing Beacon Wiring in accordance with Georgian Aerospace Group, Inc. drawing(s) MA-001R, Revision IR, dated 12 August 2012 and 82012-3, Revision IR, dated 05 March 2013. Both drawings were approved under FAA Form 8110-3, dated 06 January 2013 by DERT-510245-CE, with Systems and Equipment classification(s). EMI/RFI testing was performed in accordance with drawing MA-001R, Revision IR, dated 12 August 2012. Instructions for Continued Airworthiness are contained in an attachment to FAA Form 337, dated 02/18/2013. The Weight and Balance and Equipment List was revised to reflect this change.
 Reference FAA Form 337, dated 03/11/2013.

Log Entry 1 of 2

- 34-00-00 Removed Copilot's VSI indicator United PN: 7060C.118 (Socata PN: 6074687258) SN: 314046 and replaced with United PN: 7060C.118 (Socata PN: 6074687258) SN: 1E453 overhauled by RS#OL2R061L under W/O# WRK0213607 on 6MAR2013 in accordance with Socata Maintenance Manual 34-11-02 NOV/01. OPS/LEAK CHECK IS GOOD.
- 34-00-00 Removed damaged DME antenna in accordance with Socata Maintenance Manual 34-55-03 DEC 08. Installed new DME antenna P/N: CI-105-16, S/N: 29288. Performed operational check - good at this time. All work done in accordance with Socata TBM 850 Maintenance Manual section 34-55-03.

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: STP47592

Signed: A. Charles for Atlantic Aero, Inc. CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

31

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

Routine Maintenance

- 28-00-00 Removed fuel flow transducer from aircraft to verify part number and K-factor of component. After discussion with customer about issue, determined that the best course of action was to develop a broad range of data about exact difference in fuel quantity indication of Shadin compared to aircraft fuel quantity gauges to be able to accurately adjust at a later date. Pilot reports no defects in aircraft primary fuel gauges. Verified proper pre-programming of M220 indicator at a K-factor of 45.300 with no defects noted. Reinstalled fuel flow transducer. Work performed in accordance with Socata TBM850 aircraft maintenance manual chapters 77-12-00 and 77-40-00.
- 30-00-00 Repaired pin hole in left inboard wing deice boot with quark pin hole repair kit. Work performed per Socata TBM850 component maintenance manual 30-10-00.
- 33-00-00 Installed new customer supplied Aveo Flashing Beacon assemblies in accordance with Georgian Aerospace Group Engineering Drawings 54G-440F001, Revision 1R and 54G-440F002, Revision 1R dated 1-16-13, supported by FAA Form 8110-3 with Designation Number DERT-405106-CE, with Structures Classification(s), dated January 29, 2013. The Weight and Balance and Equipment List was revised to reflect this change. Placards, stating "Beacon" were installed on the overhead panel PL40 switch, and also on the related lower left circuit breaker. Placard "Turn OFF Aveo flashing beacons when taxiing in the vicinity of other aircraft or when flying in haze, fog or clouds. Standard position lights to be used for all night operations" was also installed in cockpit, as required by Instructions for Continued Airworthiness dated 18 February 2013. The Instructions for Continued Airworthiness are contained in an attachment to FAA Form 337, dated 18 February 2013. Reference FAA Form 337, dated 03/11/2013. Wiring of these beacons accomplished under item 4.6.
- 33-00-00 Trimmed panel per customer request and installed a new post light assembly P/N: 7677450000. Work was performed in accordance with standard practices.
- 91-10-10-ADM Inspected Flight Manual Z00.DMNFM00EE0T04EN for current revisions, no defects noted.
- 91-10-10-ADM Reviewed Bi-Weekly list through 2013-04 for applicable Airworthiness Directives, none 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: STP47592

Signed: A. Chir 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
	32-40-01-601	Complied with Special Check 121 - Left Main Landing Gear Wheel Bearings Lube in accordance with Socata TBM850 maintenance manual chapters 32-40-01 and 12-21-05.			
	12-21-05-301				
	32-40-01-601	Complied with Special Check 121 - Right Main Landing Gear Wheel Bearings Lube in accordance with Socata TBM850 maintenance manual chapters 32-40-01 and 12-21-05.			
	12-21-05-301				
	32-40-02-601	Comply with Special Check 131 - NLG Wheel bearings Clean & Lubricate in accordance with Socata TBM850 maintenance manual chapter 12-21-05 and 32-40-02.			
	12-21-05-301				
	35-00-00-501	Complied with Special Check 12 - Check of Oxygen System Components & Lines For Condition in accordance with Socata TBM850 maintenance manual 35-00-00-501.			
	35-10-02-601	Complied with Special Check 78 - Cockpit Oxygen Mask Inspection in accordance with Socata TBM850 maintenance manual 35-10-02-601.			
	35-11-01	Removed oxygen bottle P/N: 2213-6519 S/N: 135 and sent for hydrostatic testing. Received oxygen bottle P/N: 2213-6519 S/N: 135 back from hydrostatic testing and reinstalled on aircraft. Work performed in accordance with TBM850 maintenance manual 35-11-01. Hydrostatic test performed by Simplex Grinnell under PO 1301274.			
	35-20-02-601	Complied with Special Check 79 - Passenger Oxygen Mask Inspection in accordance with Socata TBM850 maintenance manual 35-20-02-601.			
	35-21-10-301	Complied with Special Check 82 - Passenger Oxygen Mask Cleaning in accordance with Socata TBM850 maintenance manual 35-21-10-301.			
	37-10-06-401	Comply with Special Check 85 - Vacuum Filter Check for Condition in accordance with Socata TBM850 maintenance manual 37-10-06-401.			
	53-20-00-601	Complied with Special Check 88 - Drain Under Floor Inspection in accordance with Socata TBM850 maintenance manual 53-20-00-601.			
	FAR 91.207(d)	Complied with Special Check 98 - ELT Operational Test FAR 91.207(d) in accordance with Socata TBM850 maintenance manual 5-20-05.			
Service Bulletins					
	SB 70-118	Complied with SB 70-118 - Flap Actuator Free Play Check. No defects noted at this time.			
Log Entry 3 of 4					

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

30

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

12-21-04-301	Complied with Special Check 04 - Protection of External Movable Parts in accordance with Socata TBM850 maintenance manual 12-21-04-301.
21-30-02-701	Complied with Special Check 58 - Cleaning of Outflow Valve Seat in accordance with Socata TBM850 maintenance manual 21-30-02-701.
21-30-03-701	Complied with Special Check 60 - Safety Valve Clean Valve Seat in accordance with Socata TBM850 maintenance manual 21-30-03-701.
21-50-04-701	Complied with Special Check 15 - Water Separator for Cleanliness in accordance with Socata TBM850 maintenance manual 21-50-04-401 and 21-50-04-401.
24-30-71	Complied with Special Check 24 - Concorde Lead Acid Battery Initial Inspection. P/N: RG-380E/44. S/N: 40484916. No defects noted. All work performed in accordance with Concorde Battery Corp. Component Maintenance Manual RG Series Main Aircraft Battery 24-30-71.
26-20-01-601	Complied with Special Check 69 - Hand Held Fire Bottle Inspection of Weight & Pressure in accordance with Socata TBM850 maintenance manual 26-20-01-601.
27-10-00-501	Complied with Special Check 07 - Spoiler & Aileron Cable Tension in accordance with Socata TBM850 maintenance manual 27-10-00-501. No defects noted.
27-20-00-501	Complied with Special Check 100 - Check of Rudder Cable Tension in accordance with Socata TBM850 maintenance manual 27-20-00. No defects noted.
27-30-00-501	Complied with Special Check 103 - Elevator Trim Tab Cables Check Tension in accordance with Socata TBM850 maintenance manual 27-30-00. No defects noted.
30-10-04-301	Complied with Special Check 94 - Water Separator Filter Cleanliness Check in accordance with Socata TBM850 maintenance manual 30-10-04.
32-00-00-601	Complied with Special Check 120 - Check of Left Landing Gear For Condition in accordance with Socata TBM850 maintenance manual 32-00-00.
12-21-05-301	
32-00-00-601	Complied with Special Check 120 - Check of Right Main Landing Gear For Condition in accordance with Socata TBM850 maintenance manual 32-00-00.
12-21-05-301	
32-00-00-601	Complied with Special Check 120 - Check of Nose Landing Gear For Condition in accordance with Socata TBM850 maintenance manual 32-00-00.
12-21-05-301	

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

A/C Model : Socata TBM700
 Aircraft Time : 1,535.20
 A/C Hour Meter : 1,535.20
 Landings : 1,270

A/C Reg # : N228CH
 Work Order # : STP47592
 A/C Ser # : 356



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Log Book : Airframe

Date : 3/11/2013

Special Inspection Items

05-20-02-301

I certify this AIRFRAME has been inspected in accordance with a continuous inspection program per FAR 91.409 (f)(3).
 The following inspections 100 Hour Inspection was accomplished in accordance with the inspection and procedures for the program listed herein and the aircraft is approved for return to service. Reviewed Bi-Weekly list through 2013-04 for applicable Airworthiness Directives, none noted.

Signed: *A. Chis*

for Atlantic Aero, Inc. CRS#: EWGR752D

A/C Model : Socata TBM700
 Aircraft Time : 1,535.20
 A/C Hour Meter : 1,535.20
 Landings : 1,270

A/C Reg # : N228CH
 Work Order # : STP47592
 A/C Ser # : 356



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Log Book : Airframe

Date : 3/11/2013

Special Inspection Items

00-10-00

Complied with Special Check 38 - Check of Beta Ring Carbon Block in accordance with Hartzell HC-E4N-3 propeller maintenance manual 61-10-43.
 Carbon block is within limits at this time.

05-20-05

Complied with Special Check 122 - Left MLG Wheel Check Bearings For Corrosion in accordance with Socata TBM850 maintenance manual 5-20-05.

05-20-05

Complied with Special Check 122 - Right MLG Wheel Check Bearings For Corrosion in accordance with Socata TBM850 maintenance manual 5-20-05.

05-20-05

Comply with Special Check 132 - NLG Wheel Condition & Corrosion Inspection in accordance with Socata TBM850 maintenance manual 5-20-05.

12-14-01-301

Complied with Special Check 124 - Left MLG Shock Absorber Pressure. All work performed in accordance with Socata TBM 850 maintenance manual 12-14-01.

12-14-01-301

Complied with Special Check 124 - Right MLG Shock Absorber Pressure. All work performed in accordance with Socata TBM 850 maintenance manual 12-14-01.

12-14-02-301

Complied with Special Check 134 - NLG Shock Absorber Pressure Check. All work performed in accordance with Socata TBM 850 maintenance manual 12-14-01.

12-15-03-301

Complied with Special Check 89 - Check of Vapor Cycle Cooling System refrigerant charge in accordance with Socata TBM850 maintenance manual 12-15-03-301.

N228CH
S/N: 356
1/18/2013

Medical Air Operations



A/C TT: 1474.8
Hobbs: 1474.8
Landing Cycles: 1192

éparateur
ic en service
f overhauler
lease

- Removed broken pilot's seat horizontal locking cables. Installed new P/N: SOC421720-503 horizontal locking assembly and adjusted as required per IAI Golan Industries, Maint. Manual, P/N: 503300008, Issue B, section 25-10-99 pages 314-315 and 714-715, 801, dated October 10, 2010.
- Removed rudder trim tab. Installed new upper fitting assembly, P/N: T700A5540049000. Reinstalled and safetied rudder trim tab IAW Socata Maint. Manual ZOO.DMAMMPXEE0R41, section 55-40-00, pages 403-404, 409. Direction and freedom of movement ok.

David K. Eastwood
David K. Eastwood AP2778982 for Medical Air Inc.

A/C Model : Socata TBM700
Aircraft Time : 1,535.20
A/C Hour Meter : 1,535.20
Landings : 1,270

A/C Reg # : N228CH
Work Order # : STP47592
A/C Ser # : 356



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Log Book : Airframe

Date : 3/11/2013

Special Inspection Items

05-20-02

I certify this AIRFRAME has been inspected in accordance with a continuous inspection program per FAR 91.409 (f)3. The following inspections 12 Month/Annual Inspection was accomplished in accordance with the inspection and procedures for the program listed herein and the aircraft is approved for return to service. Reviewed Bi-Weekly list through 2013-04 for applicable Airworthiness Directives, none noted.

Signed: *A. Charles* for Atlantic Aero, Inc. CRS#: EWGR752D

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

N228CH
S/N: 356
01/10/2013

Medical Air Operations



A/C TT: 1459.2
Hobbs: 1459.2
Landing Cycles: 1171

I certify the completion of the 300 hour Aircraft Inspection in accordance with (IAW) the TBM 700 Maintenance Manual, P/N: ZOO.DMAMMPXEEOR40 and is approved for return to service.

Service Bulletins

- Complied with (C/W) Socata TBM 700 SB 70-118 Flap Lubrication. C/W SB 70-118 by cleaning and lubricating the flap jackscrews per paragraph C. Next Lubrication at: 1659.2hr.
- C/W Socata TBM 700 SB 70-053 Amdt. 2. Elevator trim tab check. Performed elevator trim tab check per SB70-053, Amdt.2, Para. A., both within limits at this time. (Left: .037in., Right: .044in.)

Special Inspection Items

- Verified that there were no revisions for the POH, PN: ZOO.DMNFMOOEEOR4EN at this time.
- 53-00-00-601 C/W RVSM static port slope check IAW Socata TBM 700 MM section 53-00-00, pg. 601, paragraph 1.B.5-7. No defects noted. Next Compliance: 1559.2hr.
- ICA- BBLL C/W the Boom Beam landing light 100hr. inspection IAW LSM-500-045, Rev. B. No defects noted.
- C/W Special Check #02 - Lubrication of External Doors. Work Performed IAW Socata TBM 700 Maintenance Manual, 12-21-02 and 12-21-03.
- C/W Special Check #15, Water Separator Inspection and Cleaning. C/W IAW Socata MM, section 21-50-04.
- C/W Special Check #36, Lubrication of Propeller. Lubricated prop IAW Harzell Propeller Owner's Manual No. 149, Rev.14, dated November 2012, section 66-00-49, pages 6-5 through 6-8.

Routine Maintenance

- Removed co-pilot's attitude indicator, S/N: 504011192825216. Installed attitude indicator, P/N: 504-0111-928, S/N: 5040111928.25013, overhauled by MidContinent Instruments and Avionics, FAA CRS OL2R061L, WO#: WRK0203426, dated August 20, 2012. Grd checked ok at this time.
- Removed panel light rheostat, S/N: 207017. Installed new panel light rheostat, P/N: 419-54-22KL-2K2, S/N: 702007. Ops ckd ok at this time.

David K. Eastwood

David K. Eastwood AP2778982 for Medical Air Inc.

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

		Jet Logistics Technical Services 1425 Meridian Drive RDU Airport, Raleigh NC. 27623 (919)840-0448	Work Order # 3698
ACFT Type: TBM-700	ACFT Make: Socata	Date: 1/8/2013	
Registration No.: N228CH	Serial No.: 356	Hobbs Time: 1459.2	
Work Performed: RAMP TESTED PILOTS PITOT SYSTEM IN ACCORDANCE WITH MAINTENANCE MANUAL CHAPTER 34-11-00 NO DEFECTS NOTED. LEAK RATE .2 KNOTS PER MINUTE. RAMP TESTED COPILOTS PITOT SYSTEM IN ACCORDANCE WITH MAINTENANCE MANUAL CHAPTER 34-11-00. NO DEFECTS NOTED. LEAK RATE 0 KNOTTS PER MINUTE. RAM TESTED PILOTS STATIC SYSTEM IN ACCORDANCE WITH MAINTENANCE MANUAL CHAPTER 34-11-00 AND FOUND TO MEET THE REQUIRMENTS OF FAR 43 APPENDIX E PARA (A) AND CHAPTER 34-11-00..			
The aircraft component and/or appliance was repaired and inspected in accordance with current regulations of the federal aviation administration and is approved for return to service (with respect to the work performed). Pertinent details of the repair are on file at this repair station under the work order number stated above.			
SIGNED  for Jet Logistics Technical Services., Certificate No. A&P 3492541 Date: 1/8/2013			

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates
 A/C Model : Socata TBM850
 Aircraft Time : 1,445.70
 A/C Hour Meter : 1,445.70
 Landings : 1,155

A/C Reg # : N228CH
 Work Order # : STP46947
 A/C Ser # : 356



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Log Book : Airframe

Date : 12/10/2012

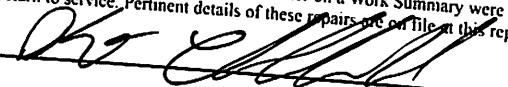
Routine Maintenance

34-00-00

Removed #1 GPS antenna GA-35, P/N: 013-00235-00, S/N: 60337. Installed new #1 GPS antenna GA-35, P/N: 013-00235-00, S/N: 79464.

Removed #2 GPS antenna GA-35, P/N: 013-00235-00, S/N: 60335. Installed new #2 GPS antenna GA-35, P/N: 013-00235-00, S/N: 88189. Performed operational check - good at this time. sealed antennas. All work done in accordance with Garmin GNS-500 Series Installation Manual.

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: STP46947

Signed: 

for Atlantic Aero, Inc. CRS#: EWGR752D

A/C Model : Socata TBM850
 Aircraft Time : 1,445.70
 A/C Hour Meter : 1,445.70
 Landings : 1,155

A/C Reg # : N228CH
 Work Order # : STP46947
 A/C Ser # : 356



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Log Book : Airframe

Date : 12/10/2012

Routine Maintenance

27-00-00

Complied with Paragraph A (Play Check Procedure) of SB70-118. Free play is within limits at this time. Next check due in 300hrs.

28-00-00

Socata fuel panel retainer kit installed on panel 631 by Aeroteams, Greensboro, NC (certificate #3A9R293B), under work order 55-12088, dated 12/06/2012.

28-00-00

Leaks on fuel panels 631 and 652 repaired by Aeroteams, Greensboro, NC (certificate #3A9R293B), under work order 55-12088, dated 12/06/2012. No further evidence of leakage present at this time.

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: STP46947

Signed: 

for Atlantic Aero, Inc. CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

27

Détails vs

N228CH S/N: 356 September 14, 2012 1351.3hr. Aircraft Total Time 1047 Landing Cycles Page 2

Routine Maintenance

Particul.

- Replaced all brake wear linings on right brake back plate and pressure plate with new linings, P/N: 109-01500 ice
IAW Parker Component MM for brake assembly 30-191, section 600.
- Replaced all brake wear linings on left brake back plate and pressure plate with new linings, P/N: 109-01500 ler
IAW Parker Component MM for brake assembly 30-191, section 600.

David K. Eastwood
David K. Eastwood AP2778982 for Medical Air Inc.

**N228CH
S/N: 356
12/4/2012**

Medical Air Operations



**A/C TT: 1445.4
Hobbs: 1445.4
Cycles: 1154**

- Jacked aircraft. Removed **Left** wheel assembly, disassembled, cleaned, inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 18x5.5, 10 ply, S/N: 21222356 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Torqued wheel halves to 325 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings. Reinstalled and safetied wheel assembly. Service tire with nitrogen to 135 psi.
- Removed **Right** wheel assembly, disassembled, cleaned, inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 18x5.5, 10 ply, S/N: 21212351 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Torqued wheel halves to 325 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings. Reinstalled and safetied wheel assembly. Service tire with nitrogen to 135 psi. Worked performed IAW DAHER-SOCATA Maintenance Manual R40, section 32-40-01, pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.

Jeremy A. Greene
Jeremy A. Greene AP3666293 For Medical Air Inc.

A/C Model : Socata TBM850
 Aircraft Time : 1,350.90
 A/C Hour Meter : 1,350.90
 Landings : 1,046

A/C Reg # : N228CH
 Work Order # : AB46351
 A/C Ser # : 356



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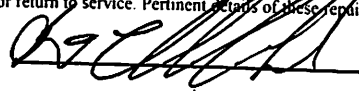
Date: Log Book : Airframe Date : 9/10/2012

Date: **Routine Maintenance**

28-00-00

Defueled 100 gallons from aircraft. Removed wing fuel doors 631 and 632. Inspected inserts for security and proper installation with no defects noted. Inspected inside wing and found numerous inserts missing sealant inside access hole 632. Backsealed inserts as required with PR1776. Panel 631 came off of the aircraft with ease. Suspect panel 631 did not have a good bond with the sealant. Cleaned panels and mating surfaces. Cleaned sealant from inside of threaded portion of inserts. Installed panels 631 and 632 with PR1773. Refueled aircraft with 100 gallons. Work performed in accordance with Socata TBM850 aircraft maintenance manual chapter 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: AB46351

Signed: 

for Atlantic Aero, Inc. CRS#: EWGR752D

N228CH
S/N: 356
9/14/2012

Medical Air Operations



A/C TT: 1351.3
Hobbs: 1351.3
Landing Cycles: 1047

I certify the completion of the 200 hour Aircraft inspection in accordance with (IAW) the TBM 700 Maintenance Manual, P/N: ZOO.DMAMMPXEEOR40 and is approved for return to service.

Airworthiness Directives

- C/W AD 2012-10-14 Address installation of incorrect bolt at nose landing gear overhaul. Previously C/W on March 22, 2012, 1,158.7hr. TT, 804 Landing cycles IAW Socata TBM MSB70-194-32, Amdt. 2, dated 11/2011. No further action required.

Service Bulletins

- C/W Socata TBM 700 SB 70-118 Flap Lubrication. C/W SB 70-118 by cleaning and lubricating the flap jackscrews.
 - C/W Socata TBM 700 SB 70-053 Amdt. 2. Elevator trim tab check. Performed elevator trim tab check per SB70-053, Amdt.2, Para. A., both within limits at this time.

Special Inspection Items

- ICA-GDL-69A C/W 12 month inspection of GDL 69/69A satellite radio SA01487SE IAW Doc#: 190-00355-00, Rev. C.
 - 53-00-00-601 C/W RVSM static port slope check IAW Socata TBM 700 MM section 53-00-00, pg. 601.
 - ICA- BBLL C/W the Boom Beam landing light 100hr. inspection IAW LSM-500-045, Rev. B.
 - C/W special check #15, water separator cleanliness inspection IAW Socata MM, section 21-50-04.
 - C/W special check #25, condition of battery heat shield.
 - Verified that there were no revisions for POH, PN: ZOO.DMNFMOOEEOR4EN, EOR4 at this time.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

E

N228CH
S/N: 356
7/17/2012

Medical Air Operations



A/C TT: 1290.0
Hobbs: 1290.0
Cycles: 978

Removed cabin door struts P/N: N6014677222 (2) and installed new cabin door struts P/N: N6014677222 (2) from Socata Tarbes, France on work order #6865-8115033 dated 11-7-2011.

Jeremy A. Greene AP240574355 For Medical Air Inc.



LANDMARK
AVIATION

DATE: 7/26/12 MODEL: TBM-850 S/N: 356 HM: 1306.8 N# N228CH WO# A19-12-01484

Removed the #2 GPS (model number GNS-530W, part number 011-01064-40, serial number 78413293) for repair and service. Installed a rental GPS (model number GNS-530W, part number 011-01064-00, serial number 23801267). Configured the rental as the off GPS. Performed Honeywell service bulletin 378. Ramp checked operation of related systems. This aircraft has been inspected and approved for return to service with respect to the work performed above.

APPROVED BY:  INSPECTOR FOR
LANDMARK AVIATION WINSTON-SALEM, N.C.
REPAIR STATION # PAIR208A

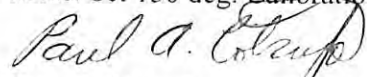
Medical Air Operations

N228CH
S/N: 356
8 August 2012



Hobbs: 1316.7
A/cft TT: 1316.7
Cycles:

Removed loaner Garmin 530 from #2 position. Installed Garmin GNS530W after repair by Garnin, Cert. No. G6XR582Y on Aug. 01, 2012. Unit S/N: 78413293. Set up Configuration pages according to previously recorded fields. Set 150 deg. Calibration. Ground function check-o.k.



Paul A. Cotrufo AP2775553

Dates

N228CH

Medical Air Operations

A/C TT: 1260.3

Dates

S/N: 356

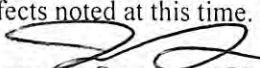
Hobbs: 1260.3

6/25/2012



Cycles: 944

Jacked aircraft. Removed **Right** wheel assembly, disassembled, cleaned, inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 18x5.5, 10 ply, S/N: 12362106 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Torqued wheel halves to 325 in. lbs. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings. Reinstalled and safetied wheel assembly. Service tire with nitrogen to 135 psi. Worked performed IAW DAHER-SOCATA Maintenance Manual R40, section 32-40-01, pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.


Jeremy A. Greene AP240574355 For Medical Air Inc.

**LANDMARK
AVIATION**

DATE: 7/5/12 MODEL: TBM-850 S/N: 356 HM: 1268.5 N# N228CH WO# A19-12-01484

Aligned and adjusted the #1 and #2 compass systems index and compensation. Performed a 12 point compass swing and ramp checked operation of related systems. This aircraft has been inspected and approved for return to service with respect to the work performed above.

APPROVED BY: 

INSPECTOR FOR

LANDMARK AVIATION WINSTON-SALEM, N.C.

REPAIR STATION # PAIR208A

Détails vérifications et travaux entrepris

Révisions particulières effectuées

Cote de l'engin

**ATLANTIC AERO**
Greensboro, North Carolina

P.O. Box 35408 Greensboro, NC 27425

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

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A/C Model	Socata TBM850	A/C Reg #	N228CH
P. Aircraft Time	1,260.00	Work Order #	STP45761
A/C Hour Meter	1,260.00	A/C Ser #	356
Landings	943		

Log Book	Airframe	Date	6/21/2012
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Special Inspection Items

- 53-00-00-601 Complied with RVSM static port slope check in accordance with Socata TBM 850 Maintenance Manual section 53-00-00.pg. 601, paragraph 1 B.5-7
- ICA GDI -69 Complied with annual inspection of Garmin GDI -69 in accordance with Garmin GDI -69 XM Satellite Radio Instructions for Continued Airworthiness, document number 190-00355-00, section 2.5.1

Routine Maintenance

- 22-00-00 Removed autopilot controller KC/M-321 P/N: 065-0086-08, SN: 2544 from aircraft for exchange. Installed repaired KC/M-321, P/N: 065-0086-08, S/N: 2775, repair performed by CRS: PR2R0931, WRK: AI 8757, dated Mar/04/2012. Performed operational check - good at this time. All work done in accordance with Socata TBM 700 Model Maintenance Manual section 22-11-01

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 STP45761

Signed

for Atlantic Aero, Inc. CRS# EWGR752D

A/C Model :	Socata TBM850	A/C Reg # :	N228CH
Aircraft Time :	1,260.00	Work Order # :	STP45761
A/C Hour Meter :	1,260.00	A/C Ser # :	356
Landings :	943		

**ATLANTIC AERO**
Greensboro, North Carolina

P.O. Box 35408 Greensboro, NC 27425

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

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

Log Book :	Airframe	Date :	6/21/2012
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Routine Maintenance

- 22-00-00 Test flight as required for installation of repaired autopilot controller. Complied with

by

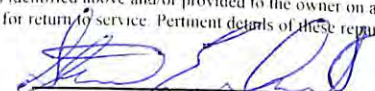
Certificate #

2210903

Signed

for Atlantic Aero, Inc. CRS# EWGR752D

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
Date	A/C Model : Socata TBM850	A/C Reg # : N228CH		
	Aircraft Time : 1.260.00	Work Order # : STP45761		
	A/C Hour Meter : 1.260.00	A/C Ser # : 356		
	Landings : 943			
Log Book :	Airframe	Date :	6/21/2012	
 ATLANTIC AERO Greensboro, North Carolina P.O. Box 35408 Greensboro, NC 27425 Tel 800-334-2001 Fax 336-668-4434 http://www.atlantic-aero.com				
Routine Maintenance				
05-12-00	I certify the Completion of the 100 hour AIRCRAFT inspection in accordance with the TBM 700 Maintenance Manual P/N: ZOO.DMAMMPXEEOR40 and is approved for return to service.			
Signed	 for Atlantic Aero, Inc CRS# EWGR752D			
A/C Model :	Socata TBM850	A/C Reg # :	N228CH	
Aircraft Time :	1.260.00	Work Order # :	STP45761	
A/C Hour Meter :	1.260.00	A/C Ser # :	356	
Landings :	943			
Log Book	Airframe	Date	6/21/2012	
 ATLANTIC AERO Greensboro, North Carolina P.O. Box 35408 Greensboro, NC 27425 Tel 800-334-2001 Fax 336-668-4434 http://www.atlantic-aero.com				
Special Inspection Items				
SC-15	Complied with the Boom Beam landing light 100 hour inspection in accordance with LSM-500-045 Rev B Instructions for Continued Airworthiness. Maintenance was performed by David Eastwood (A&P 2778982) of Carolina Medical Air Operations. Complied with Special Check 15, water separator inspection and cleaning. No defects noted. Work performed in accordance with TBM 700 maintenance manual 21-50-04.			
Service Bulletins				
SB 70-118	Complied with SB 70-118 flap actuator lubrication in accordance with Socata TBM850 maintenance manual 12-21-04			
SB70-053 A2	Complied with SB 70-053 A2 Elevator Trim Tab Slack Check. No defects noted at this time. Work performed in accordance with Socata TBM850 maintenance manual 27-30-00.			
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 STP45761				
Signed	 for Atlantic Aero, Inc CRS# EWGR752D			

Dr

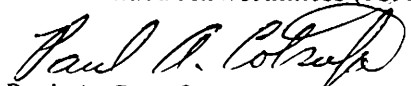
*Medical Air Operations***N228CH****S/N: 356****2 May 2012**AHEC**Hobbs: 1213.5****Cycles: 878****A/C TT: 1213.5**

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uler

Removed existing wing mounted, left and right landing lights, GE4596. Installed LoPresti wing mounted "Boom Beam" HID landing lights, Model LSM-500-025 in accordance with STC SA02279AT and Installation Instructions LSM-500-045, Rev. B, 10-26-2011. Ops check o.k. Weight and Balance and POH have been amended. Instructions for Continued Airworthiness (ICA) have been installed with the aircraft maintenance records. Form 337 filed.


Paul A. Cotrufo AP2775553**N228CH****S/N: 356****5/15/2012***Medical Air Operations*AHEC**A/C TT: 1229.6****Hobbs: 1229.6****Cycles: 901**

Jacked aircraft. Removed **Left** wheel assembly, disassembled, cleaned, inspected and reassembled with a new Goodyear Flight Eagle tire, P/N: 18x5.5, 10 ply, S/N: 12362109 and o-rings, (1)P/N: MS28775-261 and (2) M83461/1-145. Torqued wheel halves to 325 in. lbs. using new nuts P/N: NAS1804-6N. Balanced wheel assembly. Cleaned, inspected and lubed wheel bearings. Reinstalled and safetied wheel assembly. Service tire with nitrogen to 135 psi. Worked performed IAW DAHER-SOCATA Maintenance Manual R40, section 32-40-01, pages 401-408. Cycled landing gear, no defects noted at this time. Removed aircraft from jacks.


Jeremy A. Greene AP240574355 For Medical Air Inc.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates

Dates

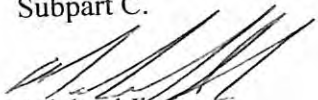
N228CH

TACH TIME: 1176.0 hr

HOBBS: 1176 hr

4-01-2012

Changed stripe color to Dupont Chroma System Spectramaster Blue BS385. Removed
Registration Number N257JM. Painted New Registration number N228CH. I.A.W. FAR Part 45
Subpart C.


Michael Ibe

A&P 3096784

A/C Model Socata TBM850

Aircraft Time

A/C Hour Meter 1.177.60

Landings

A/C Reg # N228CH

Work Order # AB45251

A/C Ser # 356

Log Book Airframe

Date 4/3/2012


ATLANTIC AERO
Greensboro, North Carolina

P.O. Box 35408 Greensboro, NC 27425

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

<http://www.atlantic-aero.com>**Routine Maintenance**

34-00-00

I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 have been performed
LH S/N:05060241D Date: 4/3/2012 tested to 35,000 feet

RH S/N:05100289D Date: 4/3/2012 tested to 35,000 feet

Stby S/N:447160 Date: 4/3/2012 tested to 35,000 feet

Altitude reporting system tested to 35,000 feet

I certify the transponder(s) (#1) Make: Garmin Model: GTX-330 S/N: 84205696. (#2) Make: Garmin Model GTX-327
S/N: 83717913

has been tested and inspected and found to comply with the requirements of F.A.R. 91.413

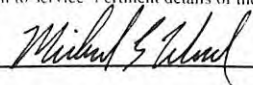
Performed Air Data System adjustment/test in accordance with Socata TBM 700 Maintenance Manual section 34-11-00
Performed altitude alerter system visual and functional check in accordance with Socata TBM 700 Maintenance Manual
section 22-11-00.

Performed functional test of altitude/vertical speed selector in accordance with Socata TBM 700 Maintenance Manual
section 22-11-07.

Complied with 100 hr fuselage inspection/check, RVSM privilege. Static port height and slope check per Socata TBM 700
Maintenance Manual section 53-00-00.

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 AB45251

Signed



for Atlantic Aero, Inc. CRS# FWGR752D

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

N257JM
S/N: 356
3/23/2012

Medical Air Operations

A/C TT: 1160.5
Hobbs: 1160.5
Cycles: 808

Removed ED 462, P/N: 066-03125-2600, S/N: 4077. Installed ED 462, P/N: 066-03125-2600, S/N: ED462-4277 modified by Honeywell International, Inc. (PR2R093L), WO #: AK6362, dated January 19, 2012. Grd ckd, ok at this time.

A handwritten signature in black ink, appearing to read "David K. Eastwood".

David K. Eastwood AP2778982 for Medical Air Inc.

Medical Air Operations

N257JM
S/N: 356
03/27/2012



Hobbs: 1167.6
Landing Cycles: 815
A/C TT: 1167.6

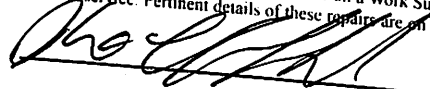
Removed left and right Whelen Model A600 Series "3-in-1" Navigation /Position/ Strobe light assembly. Installed Whelen direct replacement 90340 Series (Model 9034003/9034004) LED Nav/Pos./Strobe light assembly (TSO-C96a & TSO-C30c) on left and right wingtips using existing mount location, footprint, wires and connectors. Reference: Whelen drawing 90006 and 90340 and AC 20-41A. Right assembly S/N: 00327, Left S/N: 00324. Strobe lights remain the same and utilizes existing power supply. This is a Minor Alteration. See ICA and Weight & Balance revision this date.

-Replaced taxi light with new GE 4587 bulb. Ops check-o.k.

A handwritten signature in black ink, appearing to read "Paul A. Cotrufo".

Paul A. Cotrufo AP2775553

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
	A/C Model : Socata TBM850		A/C Reg # : N257JM		
	Aircraft Time : 1,158.70		Work Order # : STP44796		
	A/C Hour Meter : 1,158.70		A/C Ser # : 356		
	Landings :				
	Log Book : Airframe		Date : 3/22/2012		
	 ATLANTIC AERO Greensboro, North Carolina 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 ICA for STC# SA01692SE Garmin GIMX-200 Per Document # 190-00607-00 Rev A Section 2.5				
	Complied with visual inspection of #1 and #2 GNS 530W. All work done in accordance with Garmin 500W series document no. 190-00357-65, rev. B section 2.5				
	Routine Maintenance				
	23-00-00 Installed Iridium antenna PN: 015-10306-001 SN:11382, for use with portable satellite antenna. Installed wiring provisions for Intellidock 9555 docking station in accordance with installation manual USRMAN004802 Rev 2 dated September 2009. Weight and balance and equipment list revised. Reference FAA 337 dated March 192012 for further information.				
	SIM Card # 8988169224000994658				
	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: STP44796				
	Signed:  for Atlantic Aero, Inc CRS# EWGR7521D				
	Log Entry 1 of 1				

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

Reg #: N257JM

Model: SocataTBM850

Serial #: 356

Work Order: STP44796

**ATLANTIC AERO**
Greensboro, North Carolina

PO Box 35408 Greensboro, NC 27425

Total Time: 1158.7

Landings: 804

Date: 3 22 12

Tach: Hobbs:

Removed fuel access door 651. Backsealed around inserts as required and resealed fuel access door 651. Work performed in accordance with Socata TBM850 aircraft maintenance manual chapter 52-40-01.

Removed panel 631. Upon inspection inside panel found numerous rivets in the upper aft section of the fuel bay located on the spar to be missing sealant on the shop heads and areas directly on leading edge to be insufficiently backsealed.

Removed sealant from the rear spar and completely removed sealant from the backside of the entire leading edge in side fuel access door 631. Backsealed affected areas. Resealed fuel access door 631. Work performed in accordance with Socata TBM850 aircraft maintenance manual chapter 52-40-01.

Removed fuel access door 553. Backsealed around inserts as required and resealed fuel access door 553. Work performed in accordance with Socata TBM850 aircraft maintenance manual chapter 52-40-01.

Installed new Left flap center carriage, P/N T700A5755061100, in accordance with Socata TBM850 aircraft maintenance manual chapters 20-10-01 and 27-50-00.

Installed new right flap center carriage, P/N T700A5755061101, in accordance with Socata TBM850 aircraft maintenance manual chapters 20-10-01 and 27-50-00.

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: STP44796

Signed:

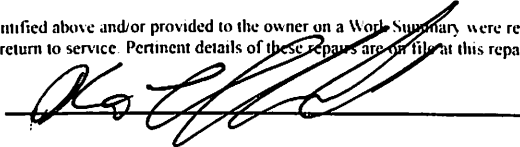
for Atlantic Aero, Inc. CRS#: EWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates	Temps de vol depuis la précédente opé- ration 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

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: SIP44796

Signed



for Atlantic Aero. Inc. CRS# FWGR752D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

21

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

33-00-00

- *Installed Precise Flight Pulselite, Model 1220/2410-2 System, Precise Flight kit number K14071, approved under Supplemental Type Certificate SA4005NM, in accordance with Installation Report No. PPRI-2000 Revision O (document number 015PMAN0001), and as follows
- 1. Controller part number 1220/2410-2, s/n TO5126, installed in factory option location between frames seven and eight on the left keel web in accordance with TBM aircraft maintenance manual 33-40-06. Shims for controller installed in accordance with TBM 51-40-00.
- 2. Pulse light controller wiring connections and installation performed in accordance Pulselite Model 1220/2410-2 Installation Report PPRI-2000, Revision O, and:
 - a. Connections to lighting system made to emulate factory supplied option per TBM wiring diagram manual 33-40-02
 - b. Switch part number 7388380002 installed in PL 40 panel in factory provisional location.
 - c. Circuit breaker part number 7277-2-15 installed in PL1 circuit breaker panel in factory provisional location
- *A complete operational test was performed according to the Pulselite Installation Manual, Model 1220 / 2410-2 Report number 015PMAN0001 Rev O. The equipment performed satisfactorily and did not adversely affect existing components or systems in the aircraft, as required by FAR 23.1301, FAR 23.1431
- *Instructions for Continued Airworthiness are contained in Precise Flight Pulselite Instructions for Continued Airworthiness document 000PMAN0002, Revision D, or later approved revision
- *The Pulselite FAA Approved Airplane Flight Manual Supplement/Supplemental Airplane Flight Manual, PFI Document 000PMAN0001 Rev. A, dated July 24, 2003, was inserted in the existing Pilot's Operating Handbook.
- *The Weight and Balance and Equipment List were revised to reflect this change.
- *Reference FAA form 337 dated 3/22/2012.

34-00-00

- Removed stanby magnetic compass insert, p/n C2350, s/n unknown. Installed overhauled compass insert p/n C2350, s/n 226943. Overhaul of compass insert performed by CRS KD3R6271, under work order 226943 on March 5, 2012.
- Replacement of compass performed in accordance with 34-23-01.

55-00-00

- Installed new vertical stabilizer attach bolts, P/N's ZOON7022810298 (2 each) and ZOON7022810299 (2 each). Work performed in accordance with Socata TBM850 aircraft maintenance manual chapter 55-30-00.

56-00-00

- Removed pilot's windshield, P/N 6087757229, S/N unknown, and installed new windshield, P/N 6087757229, S/N 1665, in accordance with Socata TBM850 aircraft maintenance manual chapter 56-10-01

56-00-00

- Removed copilot's windshield, P/N 6087757230, S/N unknown and installed new windshield, P/N 6087757230, S/N 1230 in accordance with Socata TBM850 aircraft maintenance manual chapter 56-10-01.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

[illegible]

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

Complied with Special Check 113 - Left Flap Fiberscopic and Tap inspection in accordance with Socata TBM 700 Maintenance Manual 51-20-00

Complied with Special Check 114 - Left Aileron Fiberscopic and Tap inspection in accordance with Socata TBM 700 Maintenance Manual 51-20-00

Complied with Special Check 118 - Right Flap Fiberscopic and Tap inspection in accordance with Socata TBM 700 Maintenance Manual 51-20-00

Complied with Special Check 119 - Right Aileron Fiberscopic and Tap inspection in accordance with Socata TBM 700 Maintenance Manual 51-20-00

Complied with Special Check 34 in accordance with Socata TBM850 aircraft maintenance manual chapter 12-13-05

Service Bulletins

Complied with special check 72, standby compass compensation, in accordance with Socata TBM aircraft maintenance manual 34-23-01. Deviation card prepared and affixed in support.

Complied with SB 70-194, Amdt. 2, dated 11/2011, nose gear actuator axle bolt, in accordance with instructions contained therein.

SB 70-053 A2 Complied with SB 70-053 A2 Elevator Slack Check.

SB 70-118 Complied with SB 70-118 Flap Actuator Lubrication and Free Play Check. No defects noted.

Routine Maintenance

21-00-00 Removed air cycle turbine/heat exchanger assembly p/n 6035C000-003, s/n 1158 for outside service. Installed new heat exchanger assy P/N 6035C000-003 S/N 1208. Serviced oil in ACM in accordance with Socata TBM 850 maintenance manual section 21-50-15.

24-00-00 Removed battery RG-380E/44, S/N 40343583. Installed new battery RG380E/44, s/n 40484916. Battery replacement performed in accordance with Socata TBM aircraft maintenance manual 24-30-04.

27-00-00 Adjusted rudder control cable tensions as required in accordance with Socata TBM700 maintenance manual section 27-20-00. Tensiometer used was P/N T5-8008-106-00 S/N 54325.

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
					Complied with Special Check 35. Replaced brake reservoir hydraulic fluid in accordance with Socata TBM850 maintenance manual 12-13-05
					Complied with Special Check 140. Performed inspection on shimmy damper for condition, attachment and leaks in accordance with Socata TBM850 maintenance manual 32-20-03. No defects noted
					Complied with Special Check 141. Performed hydraulic fluid replacement on shimmy damper in accordance with Socata TBM850 maintenance manual 12-13-01 and 32-20-03.
					Complied with Special Check 09 - Gauges Low level test & indicator calibration.
					Complied with Special Check 10 - Inspection of Fuel Strainers for Cleanliness & Condition in accordance with Socata TBM850 aircraft maintenance manual chapter 28-10-06. No defects noted at this time.
					Complied with Special Check 11 - Inspection of Fuel Flapper Valves in accordance with Socata TBM850 aircraft maintenance chapter 28-10-00. No defects noted at this time.
					Complied with Special Check 15. Cleaned Water sock in accordance with Socata TBM 850 maintenance manual 21-50-04.
					Complied with Special Check 27 - check of standby generator brushes in accordance with Kelley Aerospace Service Information Letter No. A-116 dated 4/14/05.
					Complied with Special Check 92. Fuel unit filter replaced with new filter p/n 6007707270 in accordance with Socata TBM 700 aircraft maintenance manual 28-20-01.
					Complied with the Special Check 106 - Fixed Horizontal Stab Ultrasonic & Fiberscopic inspection in accordance with Socata TBM 700 Maintenance Manual 51-20-00
					Complied with the Special Check 107 - Vertical Stabilizer Fin Ultrasonic & Fiberscopic inspection in accordance with Socata TBM 700 Maintenance Manual 51-20-00.
					Complied with Special Check 109 - Rudder Fiberscopic and Tap inspection in accordance with Socata TBM 700 Maintenance Manual 51-20-00.
					Complied with Special Check 110 - Elevator Fiberscopic and Tap inspection in accordance with Socata TBM 700 Maintenance Manual 51-20-00.
Log Entry 2 of 6					

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

19

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 TBM850
Aircraft Time 1.158.70
A/C Hour Meter 1.158.70
Landings 804

A/C Reg # N257JM
Work Order # STP44796
A/C Ser # 356



ATLANTIC AERO
Greensboro, North Carolina

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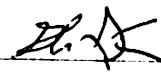
<http://www.atlantic-aero.com>

Log Book Airframe

Date 3/22/2012

Airframe Inspection Items

05-00-00

Test flight as required by 1 year inspection. Complied with by  Certificate

2210903

05-00-00

Complied with special checks 63 and 64, check of servo actuator clutch friction torques and cable tension/condition. Found B38 pitch trim clutch friction torque to be high, adjusted to specified torque in accordance with Socata TBM maintenance manual 22-11-00. Found Yaw servo actuator cable tension to be low, adjusted cable tension to within specified range with cable tensiometer model T5-2002-101-00, S/N: 63552 in accordance with Socata TBM maintenance manual 22-11-05.

Special Inspection Items

Performed special check 01, weight and balance using weight scale kit S285 S/N 4651. All maintenance was performed in accordance with TBM 850 maintenance manual section 08-20-00 and Atlantic Aero policy document PPM-MX-SVM-002.

Complied with special check 24. Removed battery RCI-380E/44, S/N 40343583, and performed capacity check in accordance with Concorde component manual 24-30-71. Capacity check unsatisfactory at 42 minutes.

Complied with special check 25, condition of battery heat shield. No defects noted at this time.

Complied with Special Check 71 by installing new hand held fire bottle, P/N N6048507221, S/N RM72975, in accordance with Socata TBM850 aircraft maintenance manual chapter 26-00-00.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

19

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 TBM850
Aircraft Time : 1,158.70
A/C Hour Meter : 1,158.70
Landings : 804

A/C Reg # : N257JM
Work Order # : STP44796
A/C Ser # : 356



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Greensboro, North Carolina

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Log Book : Airframe

Date : 3/22/2012

Routine Maintenance

91-10-10-ADM

- Comply with Special Check 85 Vacuum filter for condition
 - Comply with Special Check 88 Inspect Drain under floor
 - ✓ Comply with Special Check 89 Vapor Cycle Cooling System
 - ✓ Comply with Special Check 94 Water Separator Filter
 - Comply with Special Check 98 ELT Operational Test
 - ✓ Comply with Special Check 100 Rudder Cables Check Tension
 - ✓ Comply with Special Check 103 Elevator Trim Tab Cables Check Tension
 - Comply with Special Check 120 - All Landing Gears for condition
 - ✓ Comply with Special Check 121 - Lube Left & right MLG wheel bearings
 - Comply with Special Check 122 - Left & right MLG wheel bearings for corrosion
 - Comply with Special Check 124 Left & Right MLG Shock Absorber Pressure
 - ✓ Comply with Special Check 131 - Nose wheel bearings clean & lubricate
 - Comply with Special Check 132 - Nose landing gear wheel for corrosion & condition
 - Comply with Special Check 134 - Nose landing gear shock absorber pressure
- AIRCRAFT inspection items in accordance with the TBM 700 Maintenance Manual P/N: ZOO.DMAMMPXEEOR40 and is approved for return to service.

Signed.

[Signature]

for Atlantic Aero, Inc. CRS# EWGR752D

Log Entry 1 of 1

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 TBM850
 Aircraft Time 1,158.70
 A/C Hour Meter 1,158.70
 Landings 804

A/C Reg # N257JM
 Work Order # STP44796
 A/C Ser # 356



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Log Book Airframe

Date 3/22/2012

Routine Maintenance

05-12-00

I certify the Completion of all 12 month items listed below.
 Comply with Special Check 02 - Lubrication of external doors
 Comply with Special Check 04 - Protection of external movable parts
 Comply with Special Check 07 - Spoilers & Aileron Cable tension
 Comply with Special Check 12 - Oxygen system & lines for condition
 Comply with Special Check 36 - Lubricate Propeller
 Comply with Special Check 38 - Inspect Beta Ring Carbon Block
 Comply with Special Check 53 - Engine Chip Detector
 Comply with Special Check 58 Clean Outflow Valve & Seat
 Comply with Special Check 60 Clean Safety Valve
 Comply with Special Check 63 Comply with Servo Clutch torques
 Comply with Special Check 64 Comply with Servo Cable Tension
 Comply with Special Check 69 Weight of hand held fire bottle
 Comply with Special Check 78 Cockpit Oxygen mask inspection
 Comply with Special Check 79 Passenger Oxygen mask inspection
 Comply with Special Check 82 Passenger Oxygen mask Clean

Signed

for Atlantic Aero, Inc. CRS# EWGR752D

A/C Model : Socata TBM850
 Aircraft Time : 1.158.70
 A/C Hour Meter : 1.158.70
 Landings : 804

A/C Reg # : N257JM
 Work Order # : STP44796
 A/C Ser # : 356



ATLANTIC AERO
 Greensboro, North Carolina

P.O. Box 35408 Greensboro, NC 27425
 Tel 800-334-2001 Fax 336-668-4434
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Date

Log Book : Airframe

Date : 3/22/2012

Date **Routine Maintenance**

05-12-00

I certify the Completion of the 600 hour AIRCRAFT special inspection items listed below
 Comply with Special Check 27 - Check Standby generator brushes.
 Comply with Special Check 49 - Fuel pump inlet screen inspection.
 Comply with Special Check 92 - Fuel unit filter replace.
 in accordance with the TBM 700 Maintenance Manual P/N: ZOO.DMAMMPXEEOR40 and is approved for return to service.

Signed:

for Atlantic Aero, Inc CRS# EWGR7521)

A/C Model : Socata TBM850
 Aircraft Time : 1.158.70
 A/C Hour Meter : 1.158.70
 Landings : 804

A/C Reg # : N257JM
 Work Order # : STP44796
 A/C Ser # : 356



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 Greensboro, North Carolina

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Log Book : Airframe

Date : 3/22/2012

Routine Maintenance

05-12-00

I certify the Completion of the 1200 hour AIRCRAFT special inspection items listed below
 ✓ Comply with Special Check 03 - Protection of external fittings
 Comply with Special Check 06 - Ailerons & Spoilers Check Travel
 Comply with Special Check 08 - Flaps check Travel
 Comply with Special Check 26 - Standby generator belt replace
 Comply with Special Check 57 - Outflow valve controller clean filter
 Comply with Special Check 59 - Safety valve clean filter
 Comply with Special Check 99 - Rudder check travel
 Comply with Special Check 101 - Rudder Trim tab check travel
 Comply with Special Check 102 - Elevators check travel
 Comply with Special Check 104 - Elevator trim check travel
 Comply with Special Check 108 - Vertical stab fin for cracks
 Comply with Special Check 109 - Rudder Ultrasonic & Fiberscopic inspection
 Comply with Special Check 110 - Elevators Ultrasonic & Fiberscopic inspection
 Comply with Special Check 111 - Left wing aileron trim tab travel
 Comply with Special Check 113 - Left Flap Fiberscopic & Tapping inspection
 Comply with Special Check 114 - Left Aileron Fiberscopic & Tapping inspection
 Comply with Special Check 118 - Right Flap Fiberscopic & Tapping inspection
 Comply with Special Check 119 - Right Aileron Fiberscopic & Tapping inspection
 in accordance with the TBM 700 Maintenance Manual P/N: ZOO.DMAMMPXEEOR40 and is approved for return to service.

Signed

for Atlantic Aero, Inc



October 12, 2011

N257JM TBM 850 S/N: 356

HOBBS: 1102.0 Hrs

TT: 1102.0 Hrs CYCLES: 784

PT6A-66D S/N: PCE-RV0009

SHSI: 1102.0

TT: 1102.0

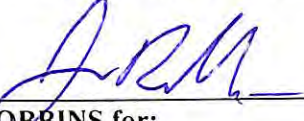
HC-E4N-3/E9083SK S/N: HH-4419

SPOH: 0.0

TT: 0.0

Complied with a 100 hour inspection IAW FAR 43 appendix D. C/W 600 hour cooling turbine drain and lubrication. C/W 500 hour gyro filter replacement. C/W 200 hour/3 month Concorde battery capacity check. C/W all 100 hour inspection items. Cleaned propeller shaft drain. Inspected starter generator brushes (like new) and blew dust from unit. Inspected fuel unit filter. Performed operational test and inspection of de-ice boot system. Inspected static wick condition and bonding. Performed brake inspection and rotated assemblies 180 degrees. Installed new nose tire. Removed and replaced left wingtip nav lamp with new. Installed new "Drainage" placards at left wing inboard sump and panel 213 sump locations. Removed and replaced composite switch with new. Aircraft lubricated. C/W FAR 91.207 (d) ELT inspection. ELT battery pack expires October 2015. AD 2006-22-11 Unsafe Conditions PCW IAW SB 70-124 12/14/2006. AD 2007-02-08 Unsafe Conditions PCW IAW SB 70-136 4/2006. AD 2007-03-16 Unsafe Conditions DNA by aircraft S/N. AD 2007-03-17 R1 Unsafe Conditions DNA by aircraft S/N. AD 2007-04-13 Main Gear Cracks due upon 1750 landings (current total landings are 784). AD 2007-05-18 Pulley Brackets DNA by aircraft S/N. AD 2007-06-04 Flap Carriage Roll Pins DNA by aircraft S/N. AD 2007-06-11 Vertical Stabilizer DNA by aircraft S/N. AD 2007-06-14 Propeller Cable DNA by aircraft S/N. AD 2007-09-07 Nose Gear Hinge Pin PCW IAW SB 70-147 8/25/2006. AD 2007-21-10 Upper Access Door DNA by aircraft S/N. AD 2007-23-07 Main Wheel Attach Nut PCW IAW SB 70-151 12/2007. AD 2008-03-15 Pilot Door Locking DNA by installation. AD 2008-17-09 Vapor Cycle Pulley Drive DNA by aircraft S/N. AD 2009-08-01 Shift in the FMS DNA by installation. AD 2009-08-09 Wiring Harness DNA by aircraft S/N. AD 2009-24-15 R700 and R701 Shunts DNA by aircraft S/N. AD 2010-09-04 Software Anomalies DNA by installation. AD 2010-23-28 Oxygen Generator Release Pins DNA by aircraft S/N and installation. AD 2011-02-02 Vapour Cycle Cooling System DNA by aircraft S/N. AD 2011-17-06 Elevator Trim Tab Actuator PCW IAW SB 70-190 3/23/2011. C/W SB 70-118 Flap Actuators. C/W SB 70-191 Aileron Control Cables. C/W SB 70-194 Nose Gear Actuator Axle Attaching Bolt.

THE AIRCRAFT, ENGINE, PROPELLER, AND APPLIANCES DESCRIBED ABOVE WERE REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE F.A.A. AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER **WORK ORDER #4017**.

SIGNED 

JODE ROBBINS for:

RICE LAKE AIR CENTER

CRS # RL8R462J

CAMERON, WI. 54822

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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

AIRFRAME

Reg: N257JM
Model: TBM 700
S/N: 356
W/O: MS-11-01276



Date: 17 June 2011
Hobbs: 1065.0

- 1) Serviced the oxygen system to full per the chart on the service door.
- 2) Removed and charged the main aircraft battery. Reinstalled the battery.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file under the above work order.

Signed: [Signature]

CRS #M9TR576Y
525 Turbine Ave, Chesterfield, MO (636)532-6155

ENGINE

Reg: N257JM
Model: PT6A-66D
S/N: PCE-RV0009
W/O: MS-11-01276



Date: 17 June 2011
Hobbs: 1065.0

Removed and inspected the RGB chip detector. No particles noted on the chip detector. Reinstalled the chip detector with a new o-ring and safetied. Serviced the engine with 1 qt of BP2380 oil.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file under the above work order.

Signed: [Signature]

CRS #M9TR576Y
525 Turbine Ave, Chesterfield, MO (636)532-6155

Socata TBM 700

Date 06/14/2011 **Reg. No.** N257JM
Hobbs 1065.0 **Serial No.** 356



Aero Charter, Inc.
501 Turbine Avenue
Chesterfield, MO 63005
Repair Station DGCR175D
636-537-0005

Parateur
en service
overhauler
ease

Removed Garmin GDL 69A P/N 011-00987-00 S/N 47763430 and sent out for repair. Reinstalled inspected Garmin GDL 69A P/N 011-00987-00 S/N 47763430 (See GARMIN International FAA Form 8130-3 Tracking No. 30994552 dated Jun 02, 2011) and performed operational checks as necessary, no defects noted at this time. Removed Pilot's No. 2 Electronic Flight Information System P/N 066-03123-1600 S/N 2461 and sent out for repair. Reinstalled repaired Electronic Flight Information System P/N 066-03123-1600 S/N 2461 (See Capital Avionics, Inc. FAA Form 8130-3 Tracking No. 12012 dated Jun/08/2011) and performed operational checks as necessary, no defects noted at this time. Increased Hobbs meter to 1065.0.

With respect to the work performed, this aircraft is approved for return to service. Pertinent details are on file at this Repair Station under Work Order No. 11202A.


Ned Batchelor
CRS# DGCR175D

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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

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

N257JM DATE Hobbs
 3/22/2011 1027.6
 Borescope Engine see report from Dallas Airmotive
 Capacity checked Battery checked at 88%.
 Removed SV/Gen. for overhauled by Hoosier Aircraft
 Accessory see Maint. Release.

*start of Generator
see Eng Log*

Make Socata Ser.No. 356
 Model TBM700/850 Reg.Mark N257JM
 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 T-1254 Date 3/22/2011
 Signed *Donald N. Fager* Inspector for
 MUNCIE AVIATION CO. CRS#AJVR135C
 MUNCIE, IN 47308 765-289-7141

MAC

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

N257JM DATE TACH TSOH
 3/23/2011 1027.6 817.8
 Complied with Annual/100 Hr Inspection
 This Propeller installed on this date 3/23/2011
 on N257JM S/N 356 at hobbs time of 1027.6

Make Hartzell SER.No. 0
 Model HC-E4N-3 Reg.Mark N257JM
 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
 WO No T1253 Date 3/23/2011
 Signed *Donald N. Fager* Inspector for
 MUNCIE AVIATION CO. CRS#AJVR
 MUNCIE, IN 47308 765-289-7141

MAC

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

Tested pitot/static system. All 3 altimeters
tested within specs. Both transponders
checked good. Terrain function ramp
checked good. Verified/locked XM
activation. Updated nav data for both
GNS530W units and GMX200. Updated
CHART data on GMX200. Ramp
checked good.

Make Socata Ser No. 356
Model TBM 700 Reg Mark N257JM
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. F8363 Date 3-07-11
Signed [Signature] Inspector for
MUNCIE AVIATION COMPANY C.R.S #AJVR135C
MUNCIE, IN 47303-9778 (765) 289-7141

Cachet – Signature réparateur

Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

Aircraft Hobbs: 1027.7

PLEASE PLACE IN AIRCRAFT LOGBOOK

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

Special Inspections: 1 Yr 400,1000 Hr specials

	<u>Date</u>	<u>A/C Hobbs</u>	<u>Cycles</u>
N257JM	3/23/2011	1027.6	792

Annual/100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-02

ELT Removed for repair by Merl Inc. Installed Repaired ELT P/N C406-1 S/N 12937

C/W FAR 91.207d (1),(2),(3),(4). Ops checked normal. C/W SB70-190 Elevator Trim Actuators by Inspection
of S/N's, not on list no further action needed. Replaced R/H Main tire with new unit P/N 033-631-0**S/N 0109500085. Removed Propeller for inspection by Hartzell for loose blades in hub**

propeller found unairworthy, installed loaner propeller from Rice Lake Air Center

Prop Mod# HC-E4N-3/E9083SK S/N HH-584 TSOH. 817.8 TSN.2555.7. Resealed one fuel panel on R/H wing

Reset Stall Vane IAW TBM 850 MM Chap 34-11-07.

Aircraft Ground run and test flown ops checked
normal.

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. 356Model TBM700/850 Reg.Mark N257JM

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. T1253 Date 3/23/2011

Signed [Signature] Inspector for

MUNCIE AVIATION CO. CRS#AJVR135C

MUNCIE, IN 47308 765-289-7141

**TBM850**

by DAHER-SOCATA

SEE AD Listing Dated 3/1/2011 for details

ELT Battery Due 10-2015**IFR Certification Due 6-2012**

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

5

Dates	Temp la p ratio	Dur : m c	***** <u>MUNCIE AVIATION COMPANY C.R.S. # AJVR135C</u> *****	Motif de l'entretien l'entretien motive
			Performed 12 month RVSM Test IAW Socata TBM700 Maintenance Manual Chapter 22-11-07(CA)-504 (KFC325) autoflight inspection/check. The system meets FAR 91.180, 91.706 and Appendix G to Part 91. Removed KMC-321 s/n 2544, replaced flight director lamp, and reinstalled unit. Ramp checked good. Aircraft Hobbs: 1027.6 PLEASE PLACE IN AIRCRAFT LOGBOOK	
			*****<u>MUNCIE AVIATION COMPANY C.R.S. # AJVR135C</u>***** Performed KFC275 / 325 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. Aircraft Hobbs: 1027.6 PLEASE PLACE IN AIRCRAFT LOGBOOK	

Make: Socata Ser. No.: 356
Model: TBM 700 Reg. Mark: N257JM
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.: F8363 Date: 2-25-11
Signed: CLUB Inspector for
MUNCIE AVIATION COMPANY C.R.S. #AJVR135C
MUNCIE, IN 47303-9778 (765) 289-7141



Make: Socata Ser. No.: 356
Model: TBM 700 Reg. Mark: N257JM
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.: F8363 Date: 2-25-11
Signed: Michael P. Brodeur Inspector for
MUNCIE AVIATION COMPANY C.R.S. #AJVR135C
MUNCIE, IN 47303-9778 (765) 289-7141



DAHER-SOCATA

SOCATA North America, Inc. North Perry Airport 7501 S Airport Road, Pembroke Pines, FL 33023 / FAA CRS # URZR891L / EASA 145 5152

Date November 12, 2010

Aircraft Type

TBM 850

SN 356

Registration N 257JM

Meter Time 956.6

Hobbs

T. T. 956.6

W/O No. 4422

1. Removed pilot's horizon gyro S/N T88785Q. installed an overhauled unit P/N 1U149-014-12 S/N T91086Q and Ops. checked good

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of Federal Aviation Administration And Is Approved For Return To Service For the Work Performed. Permanent Records Of The Repair Are on File At This Repair Station Under W.O. # 4422 Date: 11/12/2010 Signature: *K. Phangkulth* CRS # URZR891L / EASA 145.5152

Jackson Hole Aviation, LLC

P.O. Box 3829 Jackson, WY 83001
(307) 733-4767

Date - 12-23-10 A/C Reg. - N257JM
Hobbs - 970.2

Jacked aircraft and cleaned all landing gear actuator switches. Reset landing gear fault system. Performed multiple fault-free gear retractions. No further faults noted. Aircraft ok for return to service.
"The Aircraft, Airframe, Engine, Propeller, or Appliance identified herein was repaired and inspected in accordance with current regulations of the Federal Aviation Administration, and in respect to the work performed, is approved for return to service in accordance with FAR 43.9" Pertinent details of the repair are on file at this repair station under W/O# 3777 Dated 12-21-10 and a copy is attached to the product maintenance record.

Inspector: *John P. Wilson* for Jackson Hole Aviation, LLC CRS#J3HR633H



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

Date October 22, 2010

Aircraft Type TBM 850

SN 356

Registration N 257JM

Meter Time 934.4

Hobbs

T. T. 934.4

W/O No. 4407

Performed 300h. Inspection per TBM 700 Maintenance manual chapter 05-20-03. C/W SB 70-118 Cleaned, inspected and lubricated flap actuator rods. C/W SB 70-155 Amdt.1 Replaced engine plenum chamber R/H front central bulkhead with new P/N T700G716000500100, new gasket P/N ZOON7423512038. Replaced battery with new P/N 452-0133 Rev.P for ELT S/N 12937, Ops. checked good, batt. expired 10/2015. C/W 3 yrs. Performed compass compensation check and installed new deviation card. 4 yrs. time limit is due, no action is taken at this time (Due to customer's time schedule is limited, he will comply with this at the next inspection or sooner). Portable fire extinguisher S/N RM64363 is due 5 yrs. replacement (Part on ordered). Replaced R/H brake linings with new P/N ZOON7687730500. Replaced R/H brake disc with new P/N ZOON6068757284. Replaced L/H fuel cap lanyards with new P/N ZOON7754011612. Replaced R/H aft nav light with new P/N 34-0428070-64 Ops. checked good. Replaced L/H aft nav light lens with new P/N ZOON6096507237. Replaced propeller control cable with new P/N T700A761004900300. Replaced placards with new as required. Serviced oxygen system, performed an operational and leak checked good. Installed anti-chafe tape on left and right flaps. Replaced R/H main gear bonding straps with new. Replaced R/H Instrument panel fluorescent light tube with new P/N ZOON6005707246, Ops. checked good. Replaced hydraulic powerpack drain adapter with new P/N T700A717003000100. Sealed a pinhole on R/H horizontal stabilizer de-icing boot. Replaced standby alternator drive belt with new P/N ZOON7133601787. Installed new blank plug P/N ZOON7088595063 on R/H aileron. Removed remains of the two sheared rivets and installed new rivets for L/H wheel well. Replaced prop. beta carbon brush assy with new P/N ZOON6036387238. Disassembled and re-assembled L/H main wheels properly with new O-rings P/N ZOON7423692059, P/N ZOON7423692060. Performed an adjustment of heading reference system IAW Socata maintenance manual chapter 34-21-00 pages 501/508. Operational check normal.

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of Federal Aviation Administration And Is Approved For Return To Service For The Work Performed. Permanent Records Of The Repair Are on File At This Repair Station Under W.O. # 4407 Date: 10/22/2010 Signature: *K. Phamphanth* CRS # URZR891L / EASA.145.5152

I certify that this Aircraft Engine Propeller Appliance has been inspected repaired in accordance with 300h. inspection per Socata M.M. & Far 43 and determine to be in Airworthy condition. Pertinent details on file under W.O. # 4407 and copy given to customer.
 Acft. T.T. 934.4
 Engine T.T. 934.4
 Prop. T.T. 934.4
 Signature *K. Phamphanth* Date 10.22.2010
 CRS # URZR891L / EASA.145.5152

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

13

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

Removed dual Garmin GNS530's and GA56 antennas for upgrade to GNS530W GPS/WAAS. Installed GNS 530W's s/n 78413293 and 78414301 and GA-35 GPS/WAAS antennas s/n 60337 and 60335 I/A/W STC # SA01933LA-D and STC #SA01695SE. FAA approved ICA's and FMS have been added to the POH. Removed SG-465 and sent to factory for upgrade to WAAS compliance I/A/W HSB 2009-14(o). Installed GDL69A XM Rec s/n 47763140, GDC31 GPSS s/n 15435, and GA55 XM antenna s/n 87510830 I/A/W STC(s) #SA01487SE-D, SA10236SC, and FAA Form 8110-3 as created by Trevor J. Strong, Strong Aero Engineering, DER #DERT605818NM. See FAA Form 337 this date for details. ICA's and FMS have been added to the POH. See also GPS configuration checkout log in aircraft maintenance manuals for set up. Systems ground and flight checked good. Weight & Balance/Equip List was revised Aircraft Hobbs: 820.8
PLEASE PLACE IN AIRCRAFT LOGBOOK

Make Socata Ser. No. 356
Model TBM 700 Reg. Mark N257JM
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. F7207 Date 6-15-10
Signed [Signature] Inspector for
MUNCIE AVIATION COMPANY C.R.S. #AJVR135C
MUNCIE, IN 47303-9778 (765) 289-7141



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

Replaced copilot's trim switch. Removed United Inst. airspeed indicator s/n 191392 and replaced with United Inst s/n 203361. Removed GTX330 s/n 84205696, upgraded software to version 6.11 per Garmin SB 0935 rev. A, and reinstalled. Removed GTX327 s/n 83717913, upgraded software to version 2.10 per Garmin SB 0918, rev. A, and reinstalled. Upgraded GMX200 software to version 2.13 per Garmin SB 0905. Aircraft ops checked and test flew good. Aircraft Hobbs: 820.8
PLEASE PLACE IN AIRCRAFT LOGBOOK

Make Socata Ser. No. 356
Model TBM 700 Reg. Mark N257JM
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. F7207 Date 6-15-10
Signed [Signature] Inspector for
MUNCIE AVIATION COMPANY C.R.S. #AJVR135C
MUNCIE, IN 47303-9778 (765) 289-7141



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

DATE 9/9/2010 Make Socata Ser.No. 356
N257JM Model TBM700/850 Reg. Mark N257JM
Removed Passenger Seats, Cabinet and center aft floor panel. Replaced GDL69A-XMW Weather with new unit S/N 47763430 and Activated.
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 T0953 Date 9/9/2010
Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE, IN 47308 765-289-7141



Dates

Dates

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

Performed KFC225 / 325 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.

Aircraft Hobbs: 820.8

PLEASE PLACE IN AIRCRAFT LOGBOOK

Make: Socata Ser. No.: 356
Model: TBM 700 Reg. Mark: N257JM

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.: F7207 Date: 6-15-10

Signed: Michael P. Brown Inspector for

MUNCIE AVIATION COMPANY C.R.S.#AJVR135C

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



Motif de l'entretien
Maintenance motive

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

Performed 12/24 month RVSM Test IAW Socata Service Bulletin SB 70-120-34 and Chapters 5, 22 and 34 of the Aircraft Maintenance Manual.

The system meets FAR 91.180, 91.706 and Appendix G to Part 91.

Aircraft Hobbs: 820.8

PLEASE PLACE IN AIRCRAFT LOGBOOK

Make: Socata Ser. No.: 356
Model: TBM 700 Reg. Mark: N257JM

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.: F7207 Date: 6-15-10

Signed: Michael P. Brown Inspector for

MUNCIE AVIATION COMPANY C.R.S.#AJVR135C

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



Détails

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

Special Inspections: 1,2 & 4 Yr 100 Hr specials

Partic

Date	A/C Hobbs	Cycles
6/15/2010	820.8	667

Annual/100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-02

C/W FAR91.207d 1,2,3 & 4 Elt Check Ok

C/W **AD2010-07-07** per **SB70-179** Amendment #1 installed new pad **P/N T700C091000610100**C/W **AD2010-11-15** per **SB70-183** L"Hotellier Fire Extinguisher N/A per S/N**C/W SB70-173 Removal of the inner part of solenoid valve per instructions**

Serviced with

Installed New Cabin door cable **P/N T700B526004110000** per MM Chapter 52-11-02

Replaced wing Fuel Placards as needed,

Adjusted cabin staairs for smoother deployment

Reinstalled propellor after OVERHAUL Torqued

Bolts and saftied

TBM850By **DAHER-SOCATA**SEE AD Listing Dated 6/10/2010 for details
ELT Battery Due **2-2013**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 356Model TBM700/850 Reg.Mark **N257JM**

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. T0785 Date **6/15/2010**Signed [Signature] Inspector for**MUNCIE AVIATION CO. CRS#AJVR135C****MUNCIE, IN 47308 765-289-7141**

parateur

: en service

overhauler

:ase

*******MUNCIE AVIATION COMPANY C.R.S. # AJVR135C*******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 and AC 43.6B to 35,000 ft. Aircraft Hobbs: 820.8Altimeter #1: Mfg Honeywell P/N AM250 S/N 05060241DAltimeter #2: Mfg Honeywell P/N AM250 S/N 05100289DStandby Alt: Mfg United P/N 5934PAD-3 S/N 047160Encoder #1: Mfg Honeywell Model AM250 S/N 05060241DEncoder #2: Mfg Honeywell Model AM250 S/N 05100289DTrans #1: Mfg Garmin Model GTX330 S/N 84205696Trans #2: Mfg Garmin Model GTX327 S/N 83717913Details of the inspection are on file at this C.R.S. under W.O. No.: F7207Date: 6-15-10 Signature: [Signature]CERTIFIED REPAIR STATION # **AJVR135C****MUNCIE AVIATION COMPANY** **MUNCIE, INDIANA** **47303-9778****PLEASE PLACE IN AIRFRAME LOGBOOK.**

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

Location of work

Circumstances of work

Time of work

Type of work

Particulars of work

Reference of this work

Name: GONZALEZ J

Stamp:  date MARCH 08 2010

[illegible]

Logbook-Entry

Aircraft Registration N257JM
 Aircraft Type Socata TBM850
 Serial Number 356
 Aircraft Hobbs Hrs 699 2
 Engine P&W PT6A-66D
 Serial Number RV0009
 Engine Total Hrs 699 2
 Propeller Hartzell HC-E4N-3/E9083S(K)
 Serial Number HH2388
 Propeller Total Hrs 699 2

Date: 16 NOV 2009
 Location: Rheinland Air Service Werft & Handel GmbH Monchengladbach
 Scope of Work: 100-hrs -inspection i a w Socata Maintenance Manual
 Work i a w RAS W/O 190733

Details of work:

Performed 100-hrs -inspection i a w SOCATA TBM700 Maintenance Manual
 Performed Special Inspection Tasks 5, 16, 25, 45, 53, 99, 115, 121, 123, 124, 125, 126, 127, 129, 130, 131 i a w SOCATA TBM700 Maintenance Manual
 Performed 100-hrs -inspection i a w Pratt&Whitney scheduled Maintenance Check List
 Performed SB70-053A2, Elevator Trim Tab, as recurrent action. Found satisfactory Next due with ACTT 799 hrs
 Performed SB70-118, Flap Actuator, as recurrent action. Found satisfactory. Cleaning next due with ACTT 799 hrs, Check next due with ACTT 905 hrs
 Performed SB70-129, Rivet Inspection at Frame C18 / C19, as recurrent action. Found satisfactory
 Performed SB70-179, Towing Bar Foam Pads. Found satisfactory
 Performed AD2007-03-17, Rivet Inspection at Frame C18 / C19, as recurrent action. Found satisfactory.
 Checked AD2009-13-05, Oxygen System, for compliance. Aircraft not affected
 Checked AD2009-23-12, Oxygen System, for compliance. Aircraft not affected
 Removed detached edge sealer on lower cowling. Cleaned areas and applied new sealant compound.
 Refilled oxygen to max. value.
 Cleaned all three landing gear actuators due to hydraulic fluid seepage. Checked after several gear-swings and found satisfactory. Please recheck with next scheduled maintenance event.
 Reworked propeller-blades on front-faces and leading edges. Repainted blades on front- and rear-face, repainted signal-stripes on blade outer edges
 Cleaned aircraft exterior and polished windshields

I certify that this aircraft/engine/propeller has been inspected in accordance with Socata Maintenance Manual and was determined to be in airworthy condition.

Signature:

[Signature]
 Michael U. Springl, A&P 3021579

Cachet - Signature réparateur

Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

[illegible]

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

9

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

Logbook Entry

Aircraft Registration N257JM
Aircraft Type Socata TBM850
Serial Number 356
Aircraft Total Hrs 623 2
Engine P&W PT6A-66D
Serial Number RV0009
Engine L/H Total Hrs 623.2
Propeller L/H Hartzell HC-E4N-3/E9083S(K)
Serial Number HH2388
Propeller Total Hrs 623 2

Date: 02 JUN 2009
Location: Rheinland Air Service Werft & Handel GmbH Mönchengladbach
Scope of Work: Work i a w RAS W/O 190351

Details of work:

Removed complete cowlings to gain access. Performed troubleshooting on inertial separator system. Checked and measured complete wiring and found inertial separator motor not working. Replacement of linear-actuator assy required. Removed defective part from engine and performed replacement. Installed assy P/N 14860009, S/N B95215 i a w procedures given in Socata Maintenance Manual Ch 71-60-01. Performed rigging i a w described procedures and checked deflection of inertial separator flap, found satisfactory. Rerouted wire bundle and fixed. Installed cowlings and prepared aircraft for run-up. Performed engine run-up i a w Socata Maintenance Manual Ch. 05-12-01. Found satisfactory.
Removed defective lamp at R/H landing-light position and performed replacement. Installed 1ea P/N GE4596. Functional check ok.
Performed go-around-check, cleaned windshields, removed black from cowlings and topped engine with one quart oil brand 2380

I certify that this aircraft/engine/propeller has been inspected in accordance with Socata Maintenance Manual and was determined to be in airworthy condition.

Signature

Michael U. Springl, A&P 3021579

Logbook Entry

Aircraft Registration N257JM
Aircraft Type Socata TBM850
Serial Number 356
Aircraft Total Hrs 648 5
Engine P&W PT6A-66D
Serial Number RV0009
Engine L/H Total Hrs 648 5
Propeller L/H Hartzell HC-E4N-3/E9083S(K)
Serial Number HH2388
Propeller Total Hrs 648 5

Date: 31 JUL 2009
Location: Rheinland Air Service Werft & Handel GmbH Mönchengladbach
Scope of Work: Work i a w RAS W/O 190351

Details of work:

Replaced MLG tire R/H on owners request due to one brake-spot.
Use tire provided by owner.
Checked function of R/H headset-box due to noises in background. No fault found after switching off DME-system. Functional check of COM-system ok.
Serviced engine with oil brand 2330

I certify that this aircraft/engine/propeller has been inspected in accordance with Socata Maintenance Manual and was determined to be in airworthy condition.

Signature

Michael U. Springl, A&P 3021579

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
23. April 2009					
	Logbook Entry Aircraft Registration: N257JM Aircraft Type: Socata TBM850 Serial Number: 356 Aircraft Total Hrs: 604.8 Engine: P&W PT6A-66D Serial Number: RV0009 Engine L/H Total Hrs: 604.8 Propeller L/H: Hartzell HC-E4N-3/E9083S(K) Serial Number: HH2388 Propeller Total Hrs: 604.2 Date: 23. April 2009 Location: Rheinland Air Service Werft & Handel GmbH Mönchengladbach Scope of Work: 600-hrs.-check i. a. w. SOCATA Maintenance Manual Work i. a. w. RAS W/O 190204 Details of work: Performed 600-hrs -inspection i. a. w. SOCATA TBM700 Maintenance Manual Performed the following Special Inspection Tasks i. a. w. SOCATA TBM700 Maintenance Manual 2, 4, 6, 7, 8, 12, 15, 16, 25, 28, 33, 34, 35, 37, 43, 45, 47, 48, 49, 52, 53, 57, 59, 62, 63, 64, 68, 71, 75, 76, 77, 78, 81, 84, 87, 88, 91, 93, 97, 98, 100, 101, 102, 103, 110, 122, 128, 132, 133 Altimeter and transponder test i. a. w. FAR Part 43 E/F performed by IAE, FAA CF Rep -Station IBEY448N. See IEA Form No. 8A, dated 30 JUL 2008. Next due with JUL 2010. Performed ELT-Test i. a. w. FAR 91 207d (1-4), found satisfactory. Battery due date OCT 2010. Issued AD-listing and inserted into RAS Rotating Item List. Listing dated 18. APR 2009. Performed Compass Swing. ✓ Performed Starter Generator Brush Check and found within Manufacturers Limits. Next due with ACTT 1205 hrs. ✓ Replaced Fuel Pump Outlet Filter by new. Next due with ACTT 1205 hrs. ✓ Removed, cleaned and inspected Fuel Pump Inlet Filter. Next due with ACTT 1205 hrs. ✓ Replaced Fuel Unit Filter by new. Next due with ACTT 1205 hrs. Performed Fuel Nozzle Check and found satisfactory. Next due with ACTT 1005 hrs. Performed Hot Section Borescope Inspection coincide with Fuel Nozzle Check. Found satisfactory. Details see CD dated 08.04.2009 attached with this file. Recommended due date ACTT 1005 hrs. Performed SB70-053A2, Elevator Trim Tab, as recurrent action. Found satisfactory. Next due with ACTT 705 hrs. Checked SB70-080A1, Horizontal Stabilizer Outboard Hinge Fittings, for compliance. SB implemented at Factory. No further Action required. Performed SB70-118, Flap Actuator, as recurrent action. Found satisfactory. Cleaning next due with ACTT 705 hrs. Check next due with ACTT 905 hrs. Performed AD2007-03-17, Rivet Inspection at Frame C18 / C19, as recurrent action. Found satisfactory. Next due with ACTT 705 hrs. Checked AD2006-24-07, Propeller Blades, for compliance. Propeller not affected. Checked AD2008-19-06, Alternator and Vapor Cycle Cooling System Pulley Drive Assy, for compliance. Aircraft not affected. Checked AD2008-19-10, Emergency Landing Gear Bypass Selector, for compliance. Aircraft not affected. Checked Actuating Time of Inertial Separator several times i. a. w. AMM 71-60-00. No abnormal Indications can be verified. Checked GNS Data-Cards. Checked Retraction Time during Gear Swing: Retraction Time 11 Seconds. Extension Time 10 Seconds. Times within 15 Seconds Limit as given in SOCATA Maintenance Manual. Checked indication during Test and found satisfactory. Cleaned Fuel Filter Bowl during Filter Replacement due to heavy Contamination. Replaced L/H TXP-Antenna by new. Functional Check performed and found satisfactory. Checked Wiring of SHADIN ETM Key for Identification, removed old Socket, replaced Backshell and reconnected detached Wires. Performed functional Check and found satisfactory. Replaced R/H Ignitor Plug by new. Functional Check performed and ok. Applied Tubing Spiral at L/H MLG Brake Line to avoid further chating at Structure in Wheel Well. Reattached Velcro-Tape on several Locations. Replaced Bonding Wire at L/H MLG. Replaced Bose Head Set Jack next to Door by new. Replaced Headset-Jack at R/H rear Position. Performed Replacement of Bearings on Alt Central Bracket. I certify that this aircraft/engine/propeller has been inspected in accordance with SOCATA Maintenance Manual and was determined to be in airworthy condition. Signature: <i>Michael U. Springl</i> Michael U. Springl, A&P 3021579				

RAS W/O 145.0048
EASA

Motif de l'entretien
Maintenance motive

Logbook Entry

Aircraft Registration: N257JM
 Aircraft Type: Socata TBM850
 Serial Number: 356
 Aircraft Total Hrs: 604.8
 Engine: P&W PT6A-66D
 Serial Number: RV0009
 Engine L/H Total Hrs: 604.8
 Propeller L/H: Hartzell HC-E4N-3/E9083S(K)
 Serial Number: HH2388
 Propeller Total Hrs: 604.2

Date: 23. April 2009
Location: Rheinland Air Service Werft & Handel GmbH Mönchengladbach
Scope of Work: Annual Inspection i. a. w. FAR Part 43(f)
 Work i. a. w. RAS W/O 190204

Details of work:

For details see scope of work 600-hrs -inspection performed by Mr. Michael U. Springl
 A&P 3021579
 I certify that this aircraft/engine/propeller has been inspected in accordance with FAR Part 43(f)
 Annual Inspection and was determined to be in airworthy condition
 Signature: *Michael U. Springl*
 Kaus Rohr, A&P 2367259 IA

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

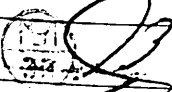
I certify that this aircraft has been repaired in
accordance with maintenance manuel
and was determined to be in airworthy condition.

This aircraft is approved for return to service

under FAA certificate number XSOY114Y

Pertinent details of the work are on file at this
repair station under work report: 13/09

Name: GONZALEZ J

Stamp:  date 13 JAN 2009

[illegible]

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

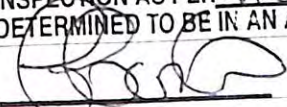
Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

A/C REG.# N 297 JM DATE 05 AUG 2008
TOTAL A/C TIME 505 HRS. TACH TIME 495.6

I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN
ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR
INSPECTION AS PER PHOS 2002 AND WAS
DETERMINED TO BE IN AN AIRWORTHY CONDITION.


SIGNATURE GRAHAM CORBIN A+P 2675624 IA
CERTIFICATE NO./TYPE

ALL FAA ADS TO BILWEEKLY 2008/15
COMPLIANT WITH

New fuel px transmitter P/N N7809178704 B/N B10744 filled
I.A.W. Soreta TB1700 r.t. ref 2840 03 rev 35 dated March 08
Leak and function check all satis. Work details held on
file Job N° 10469 at Air Towing Ltd U.K.

3257040 A+P

06 AUG 08

New sweeper brushes P/N N7066141000 x 2 B/N B11095 filled
to fund. deflector door I.A.W. Soreta TB1700 r.t. ref
71.60.01 para 1E and para 2B rev 35 dated March 08. Function test
of inertial separator carried out and engine run with all satis.
Air Towing Ltd, U.K. holds details on work N° 10504.

 29 AUG 08

3257040 A+P.

Airframe	Engine PT6A-66D	TSO	CSO	TSN	CSN	Propeller HC-E4N-3	TSO	CSO
TTSN: 495.6 hrs TLN: 408 Idgs TCSN: 455 Cys	S/no PCE-RV0009			495.60	455	S/No HH2388	495.60	455
As at: 16/08/2008								

THE FOLLOWING WORK WAS COMPLETED ON THE ABOVE AIRFRAME

- 1; A 100hr/Annual inspection has been carried out i.a.w Socata MM 05-20-02/05-20-05
- 2; Propeller P/No HC-E4N3 S/NoHH2388 was removed and sent to Proptech for repair to grease seal.
- 3; Propeller P/No HC-E4N3 S/NoHH2388 has been installed after repair i.a.w Hartzell MM149 rev 9 ref 61-00-49 FAA Form 8130-3
- #ARP10521 refers
- 4; R/H Transponder antenna missing, New antenna P/NoCI-105 S/No40134 installed
- 5; Oxygen bottle P/No2213-6519 S/No293 removed for Hydrostatic test, Loaner Oxygen bottle P/No 2213-6519 S/No 135 Tested until 06-2013 installed, oxygen system filled and system bled through and leak check and system function test carried out satisfactory i.a.w MM 35-11-01
- 6; Engine oil sample taken results satisfactory
- 7; Airframe airspeed exceedance insp carried out i.a.w MM 05-50-03 found satisfactory
- 8; ELT P/No453-50002-999 S/No12937 removed for FAR 91.207 check, battery due replacement on 10.2010, ELT reinstalled into aircraft remote test carried out satisfactory
- 9; Rudder cable tensions carried out i.a.w MM 27-20-00, set to 145lb
- 10; Auto pilot yaw cable tension carried out i.a.w MM 22-11-05 set to 44lb
- 11; FAA AD 07-03-16 found not applicable due serial number
- 12; FAA AD 07-03-17 carried out satisfactory next due in 100hrs TIS @ 595.6hrs

The Aircraft identified above was repaired and inspected in accordance with the current rules and regulations of the Federal Aviation Administration and is approved for return to service.

Signature

GRAHAM CORBIN

Authority

A+P 2675624 IA

Date

05 AUG 2008

Air Touring Ltd, Building 204/205, Biggin Hill Airport, Kent TN16 3BN

rg_logbw.fr

Signature

GRAHAM CORBIN

Authority

A+P 2675624 IA

Date

05 AUG 2008

Air Touring Ltd, Building 204/205, Biggin Hill Airport, Kent

Airframe	Engine PT6A-66D	TSO	CSO	TSN	CSN	Propeller HC-E4N-3	TSO	CSO
TTSN: 495.6 hrs TLSN: 408 Idgs TCSN: 455 Cys As at: 16/08/2008	S/no PCE-RV0009			495.60	455	S/No HH2388	495.60	455

13. Stop drill cracks in plenum chamber R/H side of engine mounting points
14; Check mis-alinement of red marks on L/H flap inboard and out board carriages, hardware found secure, red marks re-painted
15; Fuel tank inspection panels # 631 R/H wing, # 532,533,554 L/H wing leaking fuel, panels removed and resealed, leak check satisfactory
16; FAR 91.411 and 91.413 24 month check carried out by IAE see seperate log book entry
17; New R/H rear nav lamp installed P/No A508-28
18; New L/H wing root fuel drain installed P/NoTB1052050001 seal N7423550013

The Aircraft identified above was repaired and inspected in accordance
with the current rules and regulations of the Federal Aviation
Administration and is approved for return to service.

Signature

GRAHAM CORBIN

Authority

A+P 2675624 IA

Date

05 AUG 2008

Air Touring Ltd, Building 204/205, Biggin Hill Airport, Kent TN16 3BN

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Signature

GRAHAM CORBIN

Authority

A+P 2675624 IA

Date

05 AUG 2008

Air Touring Ltd, Building 204/205, Biggin Hill Airport, Kent TN16 3BN

TBM700 S/No 356

DATE	QUANT	DESCRIPTION	PART NUMBER	BATCH / GRN	SERIAL/No FTD
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The following Parts were replaced on 10427/EN

Task 10001

31/07/08	1	OXYGEN BOTTL	2213-6519	B10934	135
23/07/08	1	BULB	A508-28	B10058	
22/07/08	2	VALVE HIG P	AN809-1	B10096	
22/07/08	1	PACKING - SE	AS3209-115	A10768	
22/07/08	1	PACKING	AS3209-120	B10688	
22/07/08	1	SEAL	AS3209-143	B10688	
22/07/08	1	PACKING - SE	AS3209-224	B10688	
24/07/08	1	ANTENNA	CI105	B10976	40134
31/07/08	2	MS COUNTERSU	N5150624048	A12198	
23/07/08	6	NFL LOCK WAS	N5759013160	A13681	
24/07/08	2	LJF DRAIN SE	N7423550073	B10747	
30/07/08	2	SEMKIT 100ML	PR1776MB2	B10995	
24/07/08	1	EQUIPPED BLE	TB1052050001	B10557	

The Aircraft identified above was repaired and inspected in accordance
with the current rules and regulations of the Federal Aviation
Administration and is approved for return to service.

Signature

GRAHAM CORBIN

Authority

A+P 2675624 IA

Date

05 AUG 2008

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Dates	ration d'entretien	Heures totales	entretien majeur	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
05 AUG 2008	95.3	495.6 TACH	21m	1630	ANNUAL / 100 hr @ 55 hr TIS 495 hr total cycles 408 airframe
06 AUG 08		495.6			No fuel pressure indication
29 AUG 08		520.4			Inertial separator defect.

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

100hr inspection carried out - see attached log book cert for
Air Towing ref Job N°10094/EN. Note:- next scheduled maintenance
due at 443.6hrs due to previous overrun or in May 2008.



13 Dec 2007

A.P. Pending

with new P/W. N7809178704 s/w 07207-012XT8 IAW Sucata TBM700
test and leak checks all satis. Aircraft released to service
out. No exceedances noted.



25 MARCH 2008

3287040 A.P.

Airframe	Engine PT6A-66D	TSO	CSO	TSN	CSN	Propeller HC-E4N-3	TSO	CSO
TTSN: 400.3 hrs TLSN: 326 Idgs TCSN: 326 Cys As at: 13/12/2007	S/no PCE-RV0009			400.30	326	S/No HH2388	400.30	326

Engine run up and performance checks carried out with all satis in operation.

Next sheduled maintenance due at 483.6hrs due to previous over run or in May 2008

The Aircraft identified above was repaired and inspected in accordance
with the current rules and regulations of the Federal Aviation
Administration and is approved for return to service.

Signature



Authority A+P Pending Date 13 Dec 2007

Air Touring Ltd, Building 204/205, Biggin Hill Airport, Kent TN16 3BN

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LOG BOOK ENTRY
N257JM
TBM700 S/No 356

Airframe	Engine PT6A-66D	TSO	CSO	TSN	CSN	Propeller HC-E4N-3	TSO	CSO
TTSN: 400.3 hrs TLSN: 326 lds TCSN: 326 Cys As at: 13/12/2007	S/no PCE-RV0009			400 30	326	S/No HH2388	400.30	326

I certify that this aircraft had a 100hr inspection I.A.W Socata TBM700 M M ref 05 20 02 dated Jul07 at 400 3hrs tacho time and was determined airworthy. This aircraft is approved for return to service FAA bi-weeklys checked upto 2007-23 and the following AD's actioned.

07-04-13 MLG strut found N/A by total landings

07-05-18 Aileron pulleys found N/A by S/N

07-06-04 Flap carriage pins found N/A by S/N

07-06-11 Vertical stabilizer fittings found N/A by S/N

07-06-14 Propeller control found N/A by S/N

07-09-07 NLG actuator pin found N/A by batch date code

07-21-10 Cabin door placard found N/A by S/N

07-23-07 MLG wheel axles. Axles found to be in effected range. Messier Dowty CS/1020/07 applied and found axles to be compliant.NFA required.

Following maintenance actions carried out:

R/H MLG tyre renewed P/N033-631-0 S/N7122W00302, L/H MLG tyre renewed P/N033-631-0 S/N7225W00129. L/H and R/H brake wear pads renewed P/N N7687730500 x64. R/H brake disc renewed P/N N6068757284. Oxygen bottle topped up. Oil sample analysis carried out with all results normal. Propeller blade L/E's dressed and reprotected. S207 overtemp. switch tightened. Aircraft battery renewed P/N RG380E/44 S/N 40171770 fitted.

The Aircraft identified above was repaired and inspected in accordance with the current rules and regulations of the Federal Aviation Administration and is approved for return to service.

Signature

Authority ATP PENDING Date 13 Dec 2007

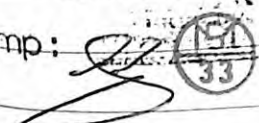
Air Touring Ltd. Building 204/205. Biggin Hill Airport Kent TN16 3BN

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

I certify that this aircraft has been repaired in accordance with 300 / VA inspection at 28360 and was determined to be in airworthy condition.
 This aircraft is approved for return to service under FAA certificate number XSOY114Y
 Pertinent details of the work are on file at this repair station under work report: RTN# 70107
 Next inspection: 100H at 38360
 Name: GONZALEZ J

Stamp:  date 10 MAY 2007

The following aircraft have been repaired in accordance with the instructions of the repair station under work report: 283/07
 Name: GONZALEZ

Stamp:  date 30/ novembre/2007

[illegible]

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

MLG L/H ACTUATOR REMOVED P/N° T700A323005000000

S/N° 1174 @ 201 hrs HOBBS IAW MM 32.30.01

INSTALLED L/H MLG ACTUATOR P/N° T700A3230050000

S/N° 44 O/H condition, Retraction test satisfactory

R/H MAIN LANDING WHEEL TYRE P/N° 033-631-0 REMOVED

NEW R/H MAIN LANDING WHEEL TYRE P/N° 033-631-0 S/N°

4014100227 INSTALLED IAW MM 32.40.01

NEW R/H NAV BULB P/N° N7445450002 installed

AD 06-22-11 Elevator trim Actuator web Corrod

out

SB 70-149-21 V-band clamps Corrod at this wing

@ 201 TIS HOBBS

A/C REG. # N257JMTOTAL A/C TIME 201 HRS.DATE 4 DEC 2006TACH TIME 201I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN
ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR
INSPECTION AS PER MM 05-20-05 AND WAS
DETERMINED TO BE IN AN AIRWORTHY CONDITION.

SIGNATURE

GRAHAM CORBIN

A+P 2675624 IA
CERTIFICATE NO./TYPE

FAA ADS TO BIRMINGHAM 2006/24

Complied with

GRAHAM CORBIN

A+P 2675624 IA

14 DEC 2006

REMOVE KM/H 820 P/N° 066-01175-2101 S/N° 2797INSTALL KM/H 820 P/N° 066-01175-2101 S/N° 2666

GROUND function test satisfactory @ 251.0 hrs TIS

8130 trucking J° AB0190

GRAHAM CORBIN

A+P 2675624 IA
07 FEB 2007

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

[illegible]

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

3

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 REG. # N 257 JM DATE 25 AUG 2006
TOTAL A/C TIME 108 HRS. TACH TIME 108

I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN
ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL 100 HR 1st
INSPECTION AS PER MM 0520 01 AND WAS
DETERMINED TO BE IN AN AIRWORTHY CONDITION.
A+P 2675624 IA

SIGNATURE

CERTIFICATE NO./TYPE

GRAHAM CORBIN

FAR AD-2 TO BILWEEKLY 2006/17 None APPLICABLE

SB 70-118-27 Flap screw Jack Lubrication C/W

SB 70-147-32 Nose wheel hinge Pin C/W Pin Batch ID BA45022-067702 NOT APPLICABLE

Rudder cable tension adjusted to 150lb TAW MM 27-20-00

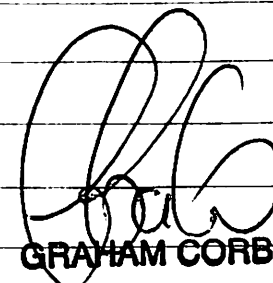
Elevator cable tension adjusted to 211lb TAW MM 27-30-00

Spoiler arm Arm Bolts Tightened

New GE 4587 28v 250w Buss installed

Large door seal repositioned

SB 70-129-53 C18-C19 Frame Rivets inspected satisfactory



GRAHAM CORBIN

A+P 2675624 IA

25 AUG 2006

[illegible]

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

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

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

Pertinent details of the work are on file at this repair station under work report: 88/06

Name: GORD ALEZ

Stamp:



date 05/18/06

REMOVE NO.1 AUTMOTOR P/N 70259 NO.1001 S/N 051002380

INSTALL NO.1 AUTMOTOR P/N 70259 NO.1001 S/N 050602410 STATIC LOAD CHECK SCHEDULED

OUT EJECTION CHECK SCHEDULED

GRAHAM CORBIN

A+P 2675624 LA

12 JUN 2006

MISSING STABILIZER TRIM Jack screws replaced remaining screws checked

GRAHAM CORBIN

A+P 2675624 LA

10 Aug 2006

[illegible]

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

1

Détails vérifications et travaux entretien – Révisions partielles ou générales

Modifications – Essais en vol

Particulars of inspections and maintenance – Minor or major overhauls

Modifications – Test flights

Cachet – Signature réparateur

Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

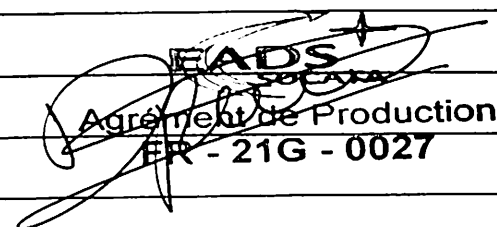
EADS-SOCATA

STATEMENT

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

Dated 04/2006

Signed



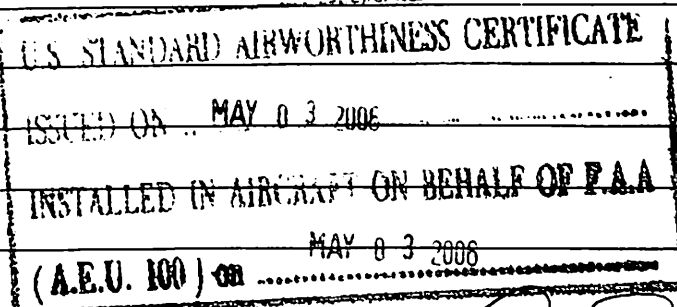
EADS-SOCATA

STATEMENT

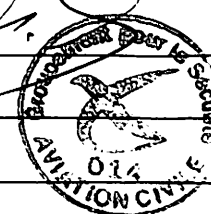
Transponder has been tested and inspected and found to comply with appendix F of Part 43 in accordance with FAR 91.413

Dated 04/2006

Signed



à Tarbes, J.F. CROCHET



SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

[illegible]

[illegible]

[illegible]

MODIFICATIONS APPORTÉES A L'AÉRONEF - AIRCRAFT MODIFICATIONS EMBODIED

[illegible]

AERONEF - AIRCRAFT

1. Marques de nationalité
et d'immatriculation :

N228CH

1. Nationality and
Registration Marks :

2. Classification : Catégorie : See Airworthiness Certificate
Catégory :

2. Classification : Annotations - Mentions d'emploi : None
Subdivision :

3. Type de l'aéronef : SOCATA - TBM 700
3. Aircraft type :

N° de série : 306
Serial No :

4. Construction par : SOCATA

4. Maker, place and date of construction :

le on MAY 03 2006

à at TARBES

Livret établi à TARBES le 10 Avril 2006
Log Book established at on
(Place and Date)

SOCATA
DIRECTION QUALITÉ
QUALITY DIRECTOR



Signature et Cachet
Stamp and Signature