

N86CH

LIVRET D'AÉRONEF
AIRCRAFT LOG BOOK

AERONEF - AIRCRAFT

1. Marques de nationalité
et d'immatriculation

N86CH

1. *Nationality and
Registration Marks*

- | | | |
|-------------------|--|-------------------------------|
| 2. Classification | Catégorie
Catégorie : | See Airworthiness Certificate |
| 2. Classification | Annotations - Mentions d'emploi :
Subdivision : | None |

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

N° de série : **543**
Serial No :

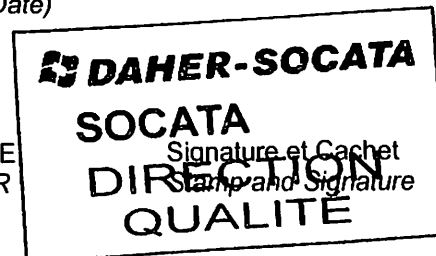
4. Construction par : **SOCATA**
4. Maker, place and date of construction :

le on **14 JUIN 2010** à at **TARBES**

Livret établi à **TARBES** le
Log Book established at on
(Place and Date)

2 JUIN 2010

SOCATA
DIRECTION QUALITE
QUALITY DIRECTOR



Date de la signature de la déclaration d'entretien	Raison sociale et adresse de l'organisme d'entretien (ou cachet)	N° Agrément	Programme d'entretien : Nom du propriétaire et date d'acceptation	Signature du responsable technique et cachet de contrôle

Nota : A l'ouverture d'un nouveau livret, joindre une photocopie de la présente feuille de l'ancien livret.

Date de la dernière visite portée sur le livret n° 1... précédent (avec indication de la situation V ou R de l'aéronef)

Date of last inspection / overhaul, brought forward from preceding Log Book No. (details to be given concerning the state of airworthiness of the aircraft)

Dates et références de classification et de dernière révision générale ⁽¹⁾
Dates and particulars of Certificate of airworthiness renewals and of last major overhaul ⁽¹⁾

Essai en vol le : 9 juin 2010

Rappel à cette date des heures de vol : 9106/2010
Record to date of flying times :

Depuis mise en service 4425
Since manufacture

Depuis entretien majeur
Since last major maintenance :

⁽¹⁾ Ces indications doivent être intégralement reproduites sur tous les livrets de rechange
⁽²⁾ These entries must be reproduced in their entirety in each and every subsequent Log Book

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SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Cachet – Signature réparateur

Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

STATEMENT

DAHER-SOCATA
SOCATA

Agrément de Production
FR - 21G - 0027

Signed



STATEMENT

US STANDARD AIRWORTHINESS CERTIFICATE
ISSUED ON JUN 14 2010

INSTALLED IN AIRCRAFT ON BEHALF OF F.A.A.

(A.E.U. 100) on **JUN 14 2010**

Signed



Patrick CAGANE
(GZAC Inspector)

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Cachet – Signature réparateur

Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release



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

Date June 22, 2010

Aircraft Type

TBM700N

SN 543

Registration N88CD

Meter Time 23.4

Hobbs

T. T. 23.4

W/O No. 4221

1. Removed and replaced left wing fuel placard IAW Socata maintenance manual chapter 11-24-02. Removed and replaced external power placard IAW Socata maintenance manual chapter 11-21-01.
2. Adjusted spring on card table as required IAW Socata maintenance manual chapter 25-21-06. Operational check normal.
3. Moved pilot's seat stop back three notches as required IAW Socata maintenance manual chapter 25-12-01.

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. # 4221 Date: 6/22/2010 Signature:  CRS # URZR891L / EASA.145.5152

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

[illegible]

ДАНЕК-88

DIRECTION SUPPORT CLIENTS
CUSTOMER SUPPORT DIVISION
SOCATA S.A.S
65921 TARBES CEDEX 9 FRANCE

ETIQUETTE D'IDENTIFICATION
INSPECTION TAG

PIECES NEUVES :X	PIECES REVISEES :
NEW PARTS	NEW/REWORK/REBUILT

NEW YORK: RICHARDSON

REFERENCE: T700A112001210150

PAKT NUMBER

: ONN

EMPLACEMENT : 07D01

DESIGNATION / NAME
EXTERNAL POWER 28V

QUANTITE / QUANTITY :

 ∞

N° COMMANDE : 8113398
CUSTOMER ORDER

2

CLIENT : AGA 00
CUSTOMER

00

N° POSTE / ITEM : 0001

N° COMMANDE SOCATA : 108792
SOCATA ORDER

UTILISABLE SUR AVIONS SOCATA
ELIGIBLE FOR INSTALLATION ON SOCATA AIRCRAFT

Date : 31.May.2010

Date :
 Pièces contrôlées suivant spécifications
 techniques en vigueur.

Parts inspected according to technical specifications

Parts inspected according to technical specifications and standards in force

Date _____

Meter Tin : 5.4

T. T. 23.4

W/O No. 4221

1. Removed and replaced left wing fuel placard IAW Socata maintenance manual chapter 11-24-02. Removed and replaced external power placard IAW Socata maintenance manual chapter 11-21-01

2. Adju:

3. Move



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

Date August 10, 2010

Aircraft Type

TBM 850

SN 543

Registration N 88CD

Meter Time 53.2

Hobbs

T. T. 53.2

W/O No. 4252

1. Modified forward baggage compartment per STC. # ST02643CH, see FAA Form 337 dated 8/10/2010.
2. Repositioned and adjusted aft left and right interior panels.
3. Resecured left and right front seats armrest properly.
4. Replaced R/H fuel tank placard with new P/N T700A112001011500, grounding placard P/N T700A112001310150.
5. Repaired minor dent on R/H outboard wing upper surface by out side service.

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. # 4252 Date: 8/10/2010 Signature: *K. Thompson* CRS # URZR891L / EASA 145.5152

DAHER-SOCATA

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

Date January 25, 2011

Aircraft Type

TBM 850

SN 543

Registration N 88CD

Meter Time 108.9

Hobbs

T. T.

108.9

W/O No. 4460

Performed first 100h. Inspection per TBM 850 Maintenance manual chapter 05-20-01/05-20-02. C/W AD 2002-19-01 Checked flight controls roll travel for jamming IAW SB 70-095 Amdt.1, no defect. C/W AD 2007-02-08 Verified the original yokes in the brake master cylinder assemblies delivered with the airplane are installed. C/W AD 2010-11-15 Removed fire extinguisher L'Hotellier S/N RM71609, installed new fire extinguisher Amerex model C352TS P/N 10633 S/N X-982501, Mfg. July 2010, IAW Socata maintenance manual chapter 26-20-01 and Amerex owner's manual, updated airplane weight and balance. C/W SB 70-118 Cleaned, inspected and lubed flap actuator rods. C/W SB 70-186-34, Ref. MOD70-0258-00 Upgraded Garmin G1000 software to version 11.01 to provide enhanced operation and functionality. Disassembled pilot elevator trim switch cover, cleaned and reassembled, Ops. checked good. Removed standby ADI 5000B-76 Attitude gyro S/N T97055Q, installed new unit P/N ZOON6084287227 S/N T97893Q and Ops. checked good. Replaced R/H front upholstery panel with new P/N T700G2510012000. Installed new placards as required. Reglued Fwd. baggage compartment interior trim panel. Resecured card table cover panel with new velcro. Replaced L/H intermediate seat headrest's spring with new P/N MS24586-608. Installed flaps anti-chafe tape. Replaced door light proximity switch S63 with new P/N ZOON7180340003, adjusted door handle control rod, Ops. checked good. Installed an external trickle battery charger wire harness IAW. STC. # SA03311AT, see FAA Form 337 dated 1/25/2011.

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. # 4460 Date: 1/25/2011 Signature: *K. Phamplath* CRS # URZR891L / EASA.145.5152

I certify that this Aircraft/Engine/Propeller/Appliance has been inspected/repared in accordance with FIRST 100h. inspection per Socata M.M. & Far 43 and determine to be in Airworthy condition. Pertinent details on file under W.O. # 4460 and copy given to customer.
Acrft. T.T. 108.9
Engine T.T. 108.9
Prop. T.T. 108.9
Signature *K. Phamplath* Date 01.25.2011
CRS # URZR891L / EASA.145.5152

U.S. Department
of Transportation
Federal Aviation
Administration**MAJOR REPAIR AND ALTERATION**
(Airframe, Powerplant, Propeller, or Appliance)Form Approved
OMB No.2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 49 CFR 43.9, 43.11, 43.13, 43.15, 43.17, 43.19, 43.21, 43.23, 43.25, 43.27, 43.29, 43.31, 43.33, 43.35, 43.37, 43.39, 43.41, 43.43, 43.45, 43.47, 43.49, 43.51, 43.53, 43.55, 43.57, 43.59, 43.61, 43.63, 43.65, 43.67, 43.69, 43.71, 43.73, 43.75, 43.77, 43.79, 43.81, 43.83, 43.85, 43.87, 43.89, 43.91, 43.93, 43.95, 43.97, 43.99, 44.1, 44.3, 44.5, 44.7, 44.9, 44.11, 44.13, 44.15, 44.17, 44.19, 44.21, 44.23, 44.25, 44.27, 44.29, 44.31, 44.33, 44.35, 44.37, 44.39, 44.41, 44.43, 44.45, 44.47, 44.49, 44.51, 44.53, 44.55, 44.57, 44.59, 44.61, 44.63, 44.65, 44.67, 44.69, 44.71, 44.73, 44.75, 44.77, 44.79, 44.81, 44.83, 44.85, 44.87, 44.89, 44.91, 44.93, 44.95, 44.97, 44.99, 45.1, 45.3, 45.5, 45.7, 45.9, 45.11, 45.13, 45.15, 45.17, 45.19, 45.21, 45.23, 45.25, 45.27, 45.29, 45.31, 45.33, 45.35, 45.37, 45.39, 45.41, 45.43, 45.45, 45.47, 45.49, 45.51, 45.53, 45.55, 45.57, 45.59, 45.61, 45.63, 45.65, 45.67, 45.69, 45.71, 45.73, 45.75, 45.77, 45.79, 45.81, 45.83, 45.85, 45.87, 45.89, 45.91, 45.93, 45.95, 45.97, 45.99, 46.1, 46.3, 46.5, 46.7, 46.9, 46.11, 46.13, 46.15, 46.17, 46.19, 46.21, 46.23, 46.25, 46.27, 46.29, 46.31, 46.33, 46.35, 46.37, 46.39, 46.41, 46.43, 46.45, 46.47, 46.49, 46.51, 46.53, 46.55, 46.57, 46.59, 46.61, 46.63, 46.65, 46.67, 46.69, 46.71, 46.73, 46.75, 46.77, 46.79, 46.81, 46.83, 46.85, 46.87, 46.89, 46.91, 46.93, 46.95, 46.97, 46.99, 47.1, 47.3, 47.5, 47.7, 47.9, 47.11, 47.13, 47.15, 47.17, 47.19, 47.21, 47.23, 47.25, 47.27, 47.29, 47.31, 47.33, 47.35, 47.37, 47.39, 47.41, 47.43, 47.45, 47.47, 47.49, 47.51, 47.53, 47.55, 47.57, 47.59, 47.61, 47.63, 47.65, 47.67, 47.69, 47.71, 47.73, 47.75, 47.77, 47.79, 47.81, 47.83, 47.85, 47.87, 47.89, 47.91, 47.93, 47.95, 47.97, 47.99, 48.1, 48.3, 48.5, 48.7, 48.9, 48.11, 48.13, 48.15, 48.17, 48.19, 48.21, 48.23, 48.25, 48.27, 48.29, 48.31, 48.33, 48.35, 48.37, 48.39, 48.41, 48.43, 48.45, 48.47, 48.49, 48.51, 48.53, 48.55, 48.57, 48.59, 48.61, 48.63, 48.65, 48.67, 48.69, 48.71, 48.73, 48.75, 48.77, 48.79, 48.81, 48.83, 48.85, 48.87, 48.89, 48.91, 48.93, 48.95, 48.97, 48.99, 49.1, 49.3, 49.5, 49.7, 49.9, 49.11, 49.13, 49.15, 49.17, 49.19, 49.21, 49.23, 49.25, 49.27, 49.29, 49.31, 49.33, 49.35, 49.37, 49.39, 49.41, 49.43, 49.45, 49.47, 49.49, 49.51, 49.53, 49.55, 49.57, 49.59, 49.61, 49.63, 49.65, 49.67, 49.69, 49.71, 49.73, 49.75, 49.77, 49.79, 49.81, 49.83, 49.85, 49.87, 49.89, 49.91, 49.93, 49.95, 49.97, 49.99, 50.1, 50.3, 50.5, 50.7, 50.9, 50.11, 50.13, 50.15, 50.17, 50.19, 50.21, 50.23, 50.25, 50.27, 50.29, 50.31, 50.33, 50.35, 50.37, 50.39, 50.41, 50.43, 50.45, 50.47, 50.49, 50.51, 50.53, 50.55, 50.57, 50.59, 50.61, 50.63, 50.65, 50.67, 50.69, 50.71, 50.73, 50.75, 50.77, 50.79, 50.81, 50.83, 50.85, 50.87, 50.89, 50.91, 50.93, 50.95, 50.97, 50.99, 51.1, 51.3, 51.5, 51.7, 51.9, 51.11, 51.13, 51.15, 51.17, 51.19, 51.21, 51.23, 51.25, 51.27, 51.29, 51.31, 51.33, 51.35, 51.37, 51.39, 51.41, 51.43, 51.45, 51.47, 51.49, 51.51, 51.53, 51.55, 51.57, 51.59, 51.61, 51.63, 51.65, 51.67, 51.69, 51.71, 51.73, 51.75, 51.77, 51.79, 51.81, 51.83, 51.85, 51.87, 51.89, 51.91, 51.93, 51.95, 51.97, 51.99, 52.1, 52.3, 52.5, 52.7, 52.9, 52.11, 52.13, 52.15, 52.17, 52.19, 52.21, 52.23, 52.25, 52.27, 52.29, 52.31, 52.33, 52.35, 52.37, 52.39, 52.41, 52.43, 52.45, 52.47, 52.49, 52.51, 52.53, 52.55, 52.57, 52.59, 52.61, 52.63, 52.65, 52.67, 52.69, 52.71, 52.73, 52.75, 52.77, 52.79, 52.81, 52.83, 52.85, 52.87, 52.89, 52.91, 52.93, 52.95, 52.97, 52.99, 53.1, 53.3, 53.5, 53.7, 53.9, 53.11, 53.13, 53.15, 53.17, 53.19, 53.21, 53.23, 53.25, 53.27, 53.29, 53.31, 53.33, 53.35, 53.37, 53.39, 53.41, 53.43, 53.45, 53.47, 53.49, 53.51, 53.53, 53.55, 53.57, 53.59, 53.61, 53.63, 53.65, 53.67, 53.69, 53.71, 53.73, 53.75, 53.77, 53.79, 53.81, 53.83, 53.85, 53.87, 53.89, 53.91, 53.93, 53.95, 53.97, 53.99, 54.1, 54.3, 54.5, 54.7, 54.9, 54.11, 54.13, 54.15, 54.17, 54.19, 54.21, 54.23, 54.25, 54.27, 54.29, 54.31, 54.33, 54.35, 54.37, 54.39, 54.41, 54.43, 54.45, 54.47, 54.49, 54.51, 54.53, 54.55, 54.57, 54.59, 54.61, 54.63, 54.65, 54.67, 54.69, 54.71, 54.73, 54.75, 54.77, 54.79, 54.81, 54.83, 54.85, 54.87, 54.89, 54.91, 54.93, 54.95, 54.97, 54.99, 55.1, 55.3, 55.5, 55.7, 55.9, 55.11, 55.13, 55.15, 55.17, 55.19, 55.21, 55.23, 55.25, 55.27, 55.29, 55.31, 55.33, 55.35, 55.37, 55.39, 55.41, 55.43, 55.45, 55.47, 55.49, 55.51, 55.53, 55.55, 55.57, 55.59, 55.61, 55.63, 55.65, 55.67, 55.69, 55.71, 55.73, 55.75, 55.77, 55.79, 55.81, 55.83, 55.85, 55.87, 55.89, 55.91, 55.93, 55.95, 55.97, 55.99, 56.1, 56.3, 56.5, 56.7, 56.9, 56.11, 56.13, 56.15, 56.17, 56.19, 56.21, 56.23, 56.25, 56.27, 56.29, 56.31, 56.33, 56.35, 56.37, 56.39, 56.41, 56.43, 56.45, 56.47, 56.49, 56.51, 56.53, 56.55, 56.57, 56.59, 56.61, 56.63, 56.65, 56.67, 56.69, 56.71, 56.73, 56.75, 56.77, 56.79, 56.81, 56.83, 56.85, 56.87, 56.89, 56.91, 56.93, 56.95, 56.97, 56.99, 57.1, 57.3, 57.5, 57.7, 57.9, 57.11, 57.13, 57.15, 57.17, 57.19, 57.21, 57.23, 57.25, 57.27, 57.29, 57.31, 57.33, 57.35, 57.37, 57.39, 57.41, 57.43, 57.45, 57.47, 57.49, 57.51, 57.53, 57.55, 57.57, 57.59, 57.61, 57.63, 57.65, 57.67, 57.69, 57.71, 57.73, 57.75, 57.77, 57.79, 57.81, 57.83, 57.85, 57.87, 57.89, 57.91, 57.93, 57.95, 57.97, 57.99, 58.1, 58.3, 58.5, 58.7, 58.9, 58.11, 58.13, 58.15, 58.17, 58.19, 58.21, 58.23, 58.25, 58.27, 58.29, 58.31, 58.33, 58.35, 58.37, 58.39, 58.41, 58.43, 58.45, 58.47, 58.49, 58.51, 58.53, 58.55, 58.57, 58.59, 58.61, 58.63, 58.65, 58.67, 58.69, 58.71, 58.73, 58.75, 58.77, 58.79, 58.81, 58.83, 58.85, 58.87, 58.89, 58.91, 58.93, 58.95, 58.97, 58.99, 59.1, 59.3, 59.5, 59.7, 59.9, 59.11, 59.13, 59.15, 59.17, 59.19, 59.21, 59.23, 59.25, 59.27, 59.29, 59.31, 59.33, 59.35, 59.37, 59.39, 59.41, 59.43, 59.45, 59.47, 59.49, 59.51, 59.53, 59.55, 59.57, 59.59, 59.61, 59.63, 59.65, 59.67, 59.69, 59.71, 59.73, 59.75, 59.77, 59.79, 59.81, 59.83, 59.85, 59.87, 59.89, 59.91, 59.93, 59.95, 59.97, 59.99, 60.1, 60.3, 60.5, 60.7, 60.9, 60.11, 60.13, 60.15, 60.17, 60.19, 60.21, 60.23, 60.25, 60.27, 60.29, 60.31, 60.33, 60.35, 60.37, 60.39, 60.41, 60.43, 60.45, 60.47, 60.49, 60.51, 60.53, 60.55, 60.57, 60.59, 60.61, 60.63, 60.65, 60.67, 60.69, 60.71, 60.73, 60.75, 60.77, 60.79, 60.81, 60.83, 60.85, 60.87, 60.89, 60.91, 60.93, 60.95, 60.97, 60.99, 61.1, 61.3, 61.5, 61.7, 61.9, 61.11, 61.13, 61.15, 61.17, 61.19, 61.21, 61.23, 61.25, 61.27, 61.29, 61.31, 61.33, 61.35, 61.37, 61.39, 61.41, 61.43, 61.45, 61.47, 61.49, 61.51, 61.53, 61.55, 61.57, 61.59, 61.61, 61.63, 61.65, 61.67, 61.69, 61.71, 61.73, 61.75, 61.77, 61.79, 61.81, 61.83, 61.85, 61.87, 61.89, 61.91, 61.93, 61.95, 61.97, 61.99, 62.1, 62.3, 62.5, 62.7, 62.9, 62.11, 62.13, 62.15, 62.17, 62.19, 62.21, 62.23, 62.25, 62.27, 62.29, 62.31, 62.33, 62.35, 62.37, 62.39, 62.41, 62.43, 62.45, 62.47, 62.49, 62.51, 62.53, 62.55, 62.57, 62.59, 62.61, 62.63, 62.65, 62.67, 62.69, 62.71, 62.73, 62.75, 62.77, 62.79, 62.81, 62.83, 62.85, 62.87, 62.89, 62.91, 62.93, 62.95, 62.97, 62.99, 63.1, 63.3, 63.5, 63.7, 63.9, 63.11, 63.13, 63.15, 63.17, 63.19, 63.21, 63.23, 63.25, 63.27, 63.29, 63.31, 63.33, 63.35, 63.37, 63.39, 63.41, 63.43, 63.45, 63.47, 63.49, 63.51, 63.53, 63.55, 63.57, 63.59, 63.61, 63.63, 63.65, 63.67, 63.69, 63.71, 63.73, 63.75, 63.77, 63.79, 63.81, 63.83, 63.85, 63.87, 63.89, 63.91, 63.93, 63.95, 63.97, 63.99, 64.1, 64.3, 64.5, 64.7, 64.9, 64.11, 64.13, 64.15, 64.17, 64.19, 64.21, 64.23, 64.25, 64.27, 64.29, 64.31, 64.33, 64.35, 64.37, 64.39, 64.41, 64.43, 64.45, 64.47, 64.49, 64.51, 64.53, 64.55, 64.57, 64.59, 64.61, 64.63, 64.65, 64.67, 64.69, 64.71, 64.73, 64.75, 64.77, 64.79, 64.81, 64.83, 64.85, 64.87, 64.89, 64.91, 64.93, 64.95, 64.97, 64.99, 65.1, 65.3, 65.5, 65.7, 65.9, 65.11, 65.13, 65.15, 65.17, 65.19, 65.21, 65.23, 65.25, 65.27, 65.29, 65.31, 65.33, 65.35, 65.37, 65.39, 65.41, 65.43, 65.45, 65.47, 65.49, 65.51, 65.53, 65.55, 65.57, 65.59, 65.61, 65.63, 65.65, 65.67, 65.69, 65.71, 65.73, 65.75, 65.77, 65.79, 65.81, 65.83, 65.85, 65.87, 65.89, 65.91, 65.93, 65.95, 65.97, 65.99, 66.1, 66.3, 66.5, 66.7, 66.9, 66.11, 66.13, 66.15, 66.17, 66.19, 66.21, 66.23, 66.25, 66.27, 66.29, 66.31, 66.33, 66.35, 66.37, 66.39, 66.41, 66.43, 66.45, 66.47, 66.49, 66.51, 66.53, 66.55, 66.57, 66.59, 66.61, 66.63, 66.65, 66.67, 66.69, 66.71, 66.73, 66.75, 66.77, 66.79, 66.81, 66.83, 66.85, 66.87, 66.89, 66.91, 66.93, 66.95, 66.97, 66.99, 67.1, 67.3, 67.5, 67.7, 67.9, 67.11, 67.13, 67.15, 67.17, 67.19, 67.21, 67.23, 67.25, 67.27, 67.29, 67.31, 67.33, 67.35, 67.37, 67.39, 67.41, 67.43, 67.45, 67.47, 67.49, 67.51, 67.53, 67.55, 67.57, 67.59, 67.61, 67.63, 67.65, 67.67, 67.69, 67.71, 67.73, 67.75, 67.77, 67.79, 67.81, 67.83, 67.85, 67.87, 67.89, 67.91, 67.93, 67.95, 67.97, 67.99, 68.1, 68.3, 68.5, 68.7, 68.9, 68.11, 68.13, 68.15, 68.17, 68.19, 68.21, 68.23, 68.25, 68.27, 68.29, 68.31, 68.33, 68.35, 68.37, 68.39, 68.41, 68.43, 68.45, 68.47, 68.49, 68.51, 68.53, 68.55, 68.57, 68.59, 68.61, 68.63, 68.65, 68.67, 68.69, 68.71, 68.73, 68.75, 68.77, 68.79, 68.81, 68.83, 68.85, 68.87, 68.89, 68.91, 68.93, 68.95, 68.97, 68.99, 69.1, 69.3, 69.5, 69.7, 69.9, 69.11, 69.13, 69.15, 69.17, 69.19, 69.21, 69.23, 69.25, 69.27, 69.29, 69.31, 69.33, 69.35, 69.37, 69.39, 69.41, 69.43, 69.45, 69.47, 69.49, 69.51, 69.53, 69.55, 69.57, 69.59, 69.61, 69.63, 69.65, 69.67, 69.69, 69.71, 69.73, 69.75, 69.77, 69.79, 69.81, 69.83, 69.85, 69.87, 69.89, 69.91, 69.93, 69.95, 69.97, 69.99, 70.1, 70.3, 70.5, 70.7, 70.9, 70.11, 70.13, 70.15, 70.17, 70.19, 70.21, 70.23, 70.25, 70.27, 70.29, 70.31, 70.33, 70.35, 70.37, 70.39, 70.41, 70.43, 70.45, 70.47, 70.49, 70.51, 70.53, 70.55, 70.57, 70.59, 70.61, 70.63, 70.65, 70.67, 70.69, 70.71, 70.73, 70.75, 70.77, 70.79, 70.81, 70.83, 70.85, 70.87, 70.89, 70.91, 70.93, 70.95, 70.97, 70.99, 71.1, 71.3, 71.5, 71.7, 71.9, 71.11, 71.13, 71.15, 71.17, 71.19, 71.21, 71.23, 71.25, 71.27, 71.29, 71.31, 71.33, 71.35, 71.37, 71.39, 71.41, 71.43, 71.45, 71.47, 71.49, 71.51, 71.53, 71.55, 71.57, 71.59, 71.61, 71.63, 71.65, 71.67, 71.69, 71.71, 71.73, 71.75, 71.77, 71.79, 71.81, 71.83, 71.85, 71.87, 71.89, 71.91, 71.93, 71.95, 71.97, 71.99, 72.1, 72.3, 72.5, 72.7, 72.9, 72.11, 72.13, 72.15, 72.17, 72.19, 72.21, 72.23, 72.25, 72.27, 72.29, 72.31, 72.33, 72.35, 72.37, 72.39, 72.41, 72.43, 72.45, 72.47, 72.49, 72.51, 72.53, 72.55, 72.57, 72.59, 72.61, 72.63, 72.65, 72.67, 72.69, 72.71, 72.73, 72.75, 72.77, 72.79, 72.81, 72.83, 72.85, 72.87, 72.89, 72.91, 72.93, 72.95, 72.97, 72.99, 73.1, 73.3, 73.5, 73.7, 73.9, 73.11, 73.13, 73.15, 73.17, 73.19, 73.21, 73.23, 73.25, 73.27, 73.29, 73.31, 73.33, 73.35, 73.37, 73.39, 73.41, 73.43, 73.45, 73.47, 73.49, 73.51, 73.53, 73.55, 73.57, 73.59, 73.61, 73.63, 73.65, 73.67, 73.69, 73.71, 73.73, 73.75, 73.77, 73.79, 73.81, 73.83, 73.85, 73.87, 73.89, 73.91, 73.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

EPPS
Aviation

AIRCRAFT REG: N88CD

MFG: SOCATA

MODEL: TBM700

SERIAL: 543

HOBBS / TACH: 134.5

DATE: 06/07/2011

Work Package #: A4590

TOTAL TIME

DESCRIPTION OF WORK COMPLETED:

PERFORMED SLIP TORQUE CLUTCH CHECK ON GARMIN GSM 85 SERVOS P/N 011-00894-08 S/N 68706301, S/N 68706300, S/N 68706304 AND GSM 85 SERVO P/N 011-00894-14 S/N 88205279 IAW GARMIN G1000 TBM 700/850 LMM. NO DEFECTS NOTED.

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 of this repair are on file at this repair station under work package No. A4590

Signed

MARK C RICKER

For Epps Air Service, Inc. FAA CRS # ESMR688D,
1 Aviation Way, Atlanta, GA 30341

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 Model 850
 S/N 543
 Reg. # N88CD
 Cycles 104

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

 Date 6/16/11
 AFTT 134.6
 Hobbs 134.6
 Invoice 6397

- ◆ C/W 100 Hour/Annual inspection IAW Socata TBM M/M and 14 CFR Parts 43 & 91 Appendix D.
- ◆ All A.D.'s checked and current through this date.
- ◆ C/W S.B. 70-188-21 Cockpit Thermal Comfort mod IAW SB70-188-21.
- ◆ C/W S.B. 70-189-21 Software evolution by updating A300 computer by SNA and re-installing, functional test good.
- ◆ C/W S.B. 70-192-34 Standby compass lighting by installation of Kit OPT70K13134.
- ◆ C/W S.B. 70-191-27 Aileron Cable orientation is correct, no further action req'd.
- ◆ C/W 100 hr clean, lube of Sagem flap actuator screws.
- ◆ C/W 12 month portable fire bottle weight check. Within limits. 4 lb, 14 oz.
- ◆ C/W 12 month ELT inspection and ops check IAW CFR part 91.207(d). Ops checks good.
- ◆ C/W 12 month Garmin A/P clutch torque check. Reinstalled clutches after bench test by Epps Avionics.
- ◆ Adjusted Door handle magnetic switch opening on the backside of door handle.
- ◆ Re-painted lower nose strut white.

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

This Airframe has been inspected IAW an **Annual inspection** and has been found to be in airworthy condition.


Joseph L. L... A&P1387457851A

 Authorized Service Center **DAHER-SOCATA**

[illegible]

44
Z. H. S.
AP 3472804

[illegible]

Authorized Service Center  **DAHER-SOCATA**

GARDNER AVIATION SPECIALIST, INC. D/B/A GARDNER AVIATION SERVICES 500 AVIATION WAY, B-5
 LOG ID# 7743 25-April-2012 WO# 28751/1 REF# 28751
 N88CD S/N 543 SOCATA TBM 700

Pg 1 / 1

Dates

Dates

COMPLIED WITH THE FOLLOWING TESTS AND INSPECTIONS IAW SPENTONE AVIATION, LLC RVSM MAINTENANCE PROGRAM DATED 08/13/2010 FOR N88CD TBM700, S/N 543.
 PERFORMED THE FOLLOWING INSPECTIONS IAW SECTION 2 MAINTENANCE REQUIREMENTS PAGE 7 INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
 1. PERFORMED PITOT/STATIC INSPECTION IAW SOCATA TBM 700 AIRCRAFT MAINTENANCE MANUAL AS REVISED CHAPTER 34-11-00 AIR DATA SYSTEM INSPECTION/CHECK (34-11-00-501) AND 14CFR, PART 91.411 PER APPENDIX E OF PART 43.
 2. PERFORMED PITOT/STATIC SYSTEM RVSM CERTIFIED AIRCRAFT INSPECTION CHECK IAW SOCATA TBM 700 MAINTENANCE MANUAL AS REVISED CHAPTER 34-11-00 STATIC PORTS A HEIGHT AND SLOPE CHECK (53-00-00-601) FIGURE 604.
 3. PERFORMED FUNCTIONAL TEST OF THE AIR DATA COMPUTERS (GDC74B) AND STBY ALTIMETER IAW SOCATA TBM 700 MAINTENANCE MANUAL AS REVISED CHAPTER 34-11-00 AIR DATA SYSTEMS INSPECTION CHECK (43-11-00-601) AND 14CFR, PART 91.411 PER APPENDIX E OF PART 43.
 4. PERFORMED ALTITUDE ALERTER SYSTEM (GMC710) VISUAL AND FUNCTIONAL CHECK IAW SOCATA TBM 700 MAINTENANCE MANUAL AS REVISED CHAPTER 22-11-00 AUTOPILOT INSPECTION/CHECK (22-11-01-401-402).
 5. PERFORMED INSPECTION OF THE ATC TRANSPONDERS IAW 14CFR, PART 91.413 PER APPENDIX F OF PART 43. MAINTENANCE RELEASE/RETURN TO SERVICE CRS# G3SR222J/EASA.145.6335
 THE AIRCRAFT, AIRFRAME, ENGINE, OR APPLIANCE IDENTIFIED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

Frank Fitzgerald
 FRANK FITZGERALD AUTHORIZED SIGNATURE

4-25-12
 DATE

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SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Model 850
 S/N 543
 Reg. # N88CD
 Cycles 172

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

Date 04/26/12
 AFTT 200.7
 Hobbs 200.7
 Invoice 6527

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- ◆ C/W 100 Hour/Annual inspection IAW Socata TBM M/M and 14 CFR Parts 43 & 91 Appendix D.
- ◆ All A.D.'s checked and current through this date.
- ◆ C/W 100 hr clean, lube of SB 70-118 Sagem flap actuator screws.
- ◆ C/W 12 month ELT functional test CFR 91.207(d)3. Ops checks good.
- ◆ C/W 12 month portable fire bottle weight check. Within limits. 4 lb, 14 oz.
- ◆ C/W 12 month Garmin A/P clutch torque check. Reinstalled clutches after bench test IAW M/M.
- ◆ C/W 12 month/200 hour Main Battery Cap check IAW Concorde M/M.
- ◆ C/W 24 month IFR recert(with RVSM) IAW CFR 91.411 and 91.413 and RVSM Manual. Work performed by Gardner Aviation at this time. See G A.S. endorsements.
- ◆ C/W 24 month Control surface travel checks, all within limits.
- ◆ C/W 24 month air conditioning drive belt replacement P/N ZOON6046297261.
- ◆ Adjusted Rh spoiler cable tension IAW ATA 27-00.
- ◆ Adjusted Left and Right Aileron cable tensions IAW ATA 27-00.
- ◆ C/W AD 2002-19-01 control throws for jamming after Mx. No Discrepancies noted.
- ◆ C/W SB 70-194-32 NLG actuator axle bolt replacement with new bolt AN4-11.
- ◆ C/W AD 2011-17-06 IAW SB 70-190-27, Elevator trim actuators are not applicable to this A/C by S/N. No further action req'd.
- ◆ Replaced Hour Meter with new unit P/N ZOON.6019417222. Ran meter up to the correct time of 200.7 prior to installation.
- ◆ Replaced cockpit evaporator coils P/N ZOON6046297258. Used new O-rings as req'd. Performed pressure leak test and Vacuum system test. Serviced with 2.9 lbs of freon R134a. System ops checks good.
- ◆ Re torque screws on Rh fuel panel 627, leak checks good.
- ◆ Re place missing rivet in Lh wheel well CR3243-4-3
- ◆ Replaced Ground placards P/N T700A112001210150 at filler necks.
- ◆ Adjusted entrance step opening speed as needed to prevent slamming.
- ◆ Replaced Step bumpers P/N T700B526013310200 as needed with new.
- ◆ Replace Beta Block with new A3026.

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

This Airframe has been inspected IAW an Annual inspection and has been found to be in airworthy condition.

Frank Fitzgerald A&P1387457851A

Authorized Service Center **DAHER-SOCATA**

Model 850
S/N 543
Reg. # N88CD

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

Date 05/04/12
AFTT 205.5
Hobbs 205.5
Invoice 6533

- Replaced MT40 Fuel pressure switch P/N ZOON7809178704, S/N off 09272-0163JX, S/N on 11129-019Q1R. Ground ran, ops and leak checks good.
- Adjusted condition lever control rod end in 1.5 turns to establish positive fuel cut off at shut down. IAW TBM M/M ATA 76-10-04. Ground ran several times to check cut-off, ops checks good

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

 A&P138745785

Authorized Service Center  DAHER-SOCATA



AIRCRAFT REG: N88CD
MFG: SOCATA
MODEL: TBM700
SERIAL: 543
HOBBS / TACH: 205.8

DATE: 05/03/2012
Work Package #: A5383

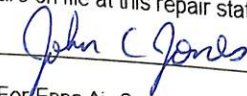
TOTAL TIME:

DESCRIPTION OF WORK COMPLETED:

CW SOCATA SB 70-196 BY UPGRADING G1000 SW TO VER 12.01 (P/N 006-B0719-09). SYSTEM OPS CHECK GOOD IAW G1000 SOCATA LMM REV N. NO DEFECTS NOTED.

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 of the repair are on file at this repair station under work package no. A5383

Signed



JOHN C JONES

For Epps Air Service, Inc. FAA CRS # ESMR688D,
1 Aviation Way, Atlanta, GA 30341

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



AIRCRAFT REG: N882CD

MFG: Hartzell

MODEL: HC-E4N-3/E9083-500

SERIAL: HH3991

HOUR METER: 205.8

DATE: 5/3/12

WORK PACKAGE: T9920

TACH TIME:

TOTAL TIME:

TSMOH:

Balanced propeller using Microvibe II equipment. Final VIB reading .022.

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 of the repair are on file at this repair station under work package no. T9920

Signed

Jesse White

for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

Page 1 of 1

Model 850
S/N 543
Reg. # N88CD

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

Date 10/15/12
AFTT 249.7
Hobbs 249.7
Invoice 6584

Date

Date

- ◆ C/W TN 70-01-32 by installation of 3 new landing gear actuator clevis ends P/N ZOON6007757225.
- ◆ Utilized new washer ZOON7743090220 and Leduc nut P/N ZOON7228230573.
- ◆ Performed gear cycles, and verified rigging IAW ATA 32-00. Ops checks good.
- ◆ NOTE: Nose actuator S/N 452, Left Main actuator S/N 447, Right Main S/N 446.
- ◆ Adjusted Nitrogen pressure in Nose Strut for 2 " chrome extension.

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

Joseph Lescote

A&P138745785

Authorized Service Center **DAHER-SOCATA**

Model 850
S/N 543
Reg. # N88CD
Cycles 249

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

Date 05/06/13
AFTT 286.3
Hobbs 286.3
Invoice 6630

- ◆ C/W B+/Annual inspection IAW Socata TBM M/M and 14 CFR Parts 43 & 91 Appendix D.
- ◆ This aircraft is now on the Socata NMP for 200 hour interval inspection and Annual IAW 850series M/M NMP R8.
- ◆ All A.D.'s checked and current through this date.
- ◆ C/W 100 hr clean, lube of SB 70-118 Sagem flap actuator screws.
- ◆ C/W 12 month ELT functional test CFR 91.207(d)3. Ops checks good.
- ◆ C/W 12 month portable fire bottle weight check. Within limits. 4 lb, 14 oz.
- ◆ C/W 12 month Garmin A/P clutch torque check. Reinstalled clutches after bench test IAW M/M.
- ◆ C/W 12 month/200 hour Main Battery Cap check IAW Concorde M/M.
- ◆ C/W 3 year Stby compass compensation check, updated correction card.
- ◆ C/W SB 70-132-72R1 by installation Chip Plug kit OPT 70K142-00 functional tests good.
- ◆ Re attached loose chart holder end cap on pilots control yoke.
- ◆ Removed brakes and sent CP disks and torque plates out for overhaul by Aviall. Pressure plates P/N 073-08300 under WO#126124. Torque plates P/N 074-06400 under WO# 126125.

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

I Certify this Airframe has been inspected IAW an **Annual inspection** and has been found to be in airworthy condition.

Joseph Lescote

A&P138745785IA

Authorized Service Center **DAHER-SOCATA**

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Détails vérifications et travaux entretien – Révisions partielles ou générales

Cachet – Signature réparateur

Modifications – Essais en vol

Approbation pour remise en service

Particulars of inspections and maintenance – Minor or major overhauls

Stamp and signature of overhauler

Modifications – Test flights

Maintenance release

MODEL TBM850
S/N 543
REG N88CD

ALLIANCE FLIGHT SUPPORT

927 FLIGHTLINE DR
DOTHAN, AL. 36303

DATE 10/24/13

HOBBS

1. REPLACED ALL TIRES MAIN P/N 301-345-870 AND NOSE P/N 071-311-0

Robert Schween
AP 3472804

MODEL TBM850
S/N 543
REG N88CD

ALLIANCE FLIGHT SUPPORT

927 FLIGHTLINE DR
DOTHAN, AL. 36303

DATE 12/4/13

HOBBS 353.7

1. C/W CAPACITY CHECK ON MAIN BATTERY BATTERY PASSED.
2. INSPECTED AND WEIGHED PORTABLE FIRE EXT.

Robert Schween
AP 3472804

Détails vérifications et travaux entretien – Révisions partielles ou générales	Cachet – Signature réparateur
Modifications – Essais en vol	Approbation pour remise en service
Particulars of inspections and maintenance – Minor or major overhauls	Stamp and signature of overhauler
Modifications – Test flights	Maintenance release

MODEL TBM850

S/N 543

REG N88CD

ALLIANCE FLIGHT SUPPORT

927 FLIGHTLINE DR

DOTHAN, AL 36303

DATE 4/8/14

HOBBS 398 5


1. REPLACED BOTH MAIN TIRES P/N 301-345-870

2. INSPECTED AND WEIGHED PORTABLE FIRE EXT

Robert Scherer

AP 3472804

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates	Temp: la pr ratio	Make: Socata Model: TBM 850 SN: 543 Reg. No: N86CH Hobbs: 417.5	 Gwinnett Aero Maintenance 850 Airport Road Box 7 Lawrenceville, GA 30046 770-962-9092 www.GwinnettAero.com
Dates	Dura s m c		

Accomplished pitot/static inspection IAW Socata AMM Chapter 34-11-00-501 air data systems adjustment/test and 14CFR Part 43 Appendix E. Performed functional test of air data computers and standby altimeter IAW Socata AMM Chapter 34-11-00-601 and 14CFR Part 43 Appendix E. Configured transponder flight ID address for new registration number IAW G1000 Socata LMM 190-00871-00 Rev N. Tested both transponders IAW 14CFR Part 43 Appendix F. I certify that this aircraft has been inspected and was determined to be in an airworthy condition and is approved for return to service.
 Ref. Gwinnett Aero Maintenance W/O No. 378 for details.
 Signature: Steven Givens DATE: 06/03/2014
 FAA APPROVED CRS# 1GWR012C

Model 850
 S/N 543
 Reg. # N86CH
 Cycles 328

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


Date 06/04/14
 AFTT 417.4
 Hobbs 417.4
 Invoice 6818

éparateur
 ie en service
 f overhauler
 lease

- ♦ C/W A+/Annual inspection IAW Socata TBM M/M NMP and 14 CFR Parts 43 & 91 Appendix D.
- ♦ All A.D.'s checked and current through this date.
- ♦ A.D. 2012-10-14 was Previously complied with by S.B. 70-194-32 on 04/12/12.
- ♦ A.D. 2014-09-03 is N/A per AC serial number.
- ♦ A.D. 2014-06-06 is in compliance by S.B. 70-206 and 70-197-32 previously complied with.
- ♦ C/W SB 70-206-32 Previously complied with by implementation of TN70-13-32.
- ♦ C/W SB 70-118R1, Sagem flap actuator clean, lube, and wear check. No discrepancies at this time.
- ♦ C/W SB 70-197-32 security of landing gear actuator piston, no discrepancies noted.
- ♦ C/W SB 70-214 by installation of strake on fwd. fuselage.
- ♦ C/W 12 month gear leg inspection and service.
- ♦ C/W 12 month instrument air filter replacement D9-14-5.
- ♦ C/W 12 month ELT functional test CFR 91.207(d)3. Ops checks good.
- ♦ C/W 12 month portable fire bottle weight check. Within limits. 4 lb14 oz.
- ♦ C/W 12 month Garmin A/P, GSM85 clutch torque check. All within limits.
- ♦ C/W 12 month / 200 hour Main Battery Cap check IAW Concorde M/M.
- ♦ C/W 12 month Freon service. Replaced 2 ea. Service fittings P/N ZOON8089000070. Serviced system to 3.4 lbs of Freon.
- ♦ C/W 2 year flight control travel check, all within limits.
- ♦ C/W 2 year low level sense calibration check. Ops checked good.
- ♦ C/W 2 year RVSM inspection. IFR parts 91.411 and 91.413 performed by Gwinnett Aero. See IFR endorsements attached.
- ♦ C/W 3 year hydraulic system fluid change.
- ♦ C/W 3 year shimmy damper fluid replacement. Serviced with Silicone fluid 100cST.
- ♦ C/W 3 year brake system fluid replacement.
- ♦ C/W 4 year fuel strainer clean and inspect, no defects noted.
- ♦ C/W 4 year fuel tank flapper valve inspection, no defects noted.
- ♦ Adjusted elevator trim cable tensions IAW 27-30-00.
- ♦ Replaced Main Battery RG380E/ 44. S/N off 3119920. S/N installed 40651207.
- ♦ Prepped and painted nose strut lower fork with urethane paint as req'd.
- ♦ Changed Aircraft "N" number from N88CD to N86CH. Replaced instrument panel Cail sign placard. Replaced rear fuselage data plate with new N number.
- ♦ Updated Garmin transponder 1,2, reporting ID to new N number.
- ♦ Updated ECTM software to V.1212 for improved ECTM functionality.
- ♦ Replaced left and right wing grounding placards P/N T700A112001210150.

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

I Certify this **Airframe** has been inspected IAW an **Annual inspection** and has been found to be in airworthy condition.

Joseph Lewis A&P1387457851A
 Authorized Service Center 

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
*****MUNCIE AVIATION CO. CRS#AJVR135C*****					
N86CH	DATE 6/27/2014	Hobbs 425.6	A/C TT 0	Make Socata	Ser.No. 543
Model TBM 700 Reg.Mark N86CH					
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 S000830 Date 6/27/2014					
Signed <i>[Signature]</i> Inspector for					
MUNCIE AVIATION CO. CRS#AJVR135C					
MUNCIE, IN 47308 765-289-7141					
MAC					


DAHER-SOCATA

FAA CRS # URZR891L / EASA.145.5152

 SOCATA North America, Inc.
 7501 S. Airport Road
 Pembroke Pines, FL 33023

Date : 07/18/2014

Serial Number : 543

Registration : N86CH

Aircraft type : TBM 850

Meter Time: 429.6 Hobbs

Time Since New : 429.6

Cycle Since New : 383

Work Order : 5198

- Performed a Standard Program - A Inspection IAW TBM Maintenance manual chapter 05-20-02.
- C/W 2 yrs. Replaced compressor belt with new P/N 6046297261.
- C/W 2 yrs. Cleaned and inspected safety and outflow valve seats.
- C/W 2 yrs. Drained and refilled vapor cycle cooling system refrigerant.
- Removed and re-installed ELT S/N 170-11317 after reprogrammed to new registration N86CH by Banyan CRS # SD4R514M, W.O. 060/80886, Ops checked good.
- Adjusted vacuum regulator as required and Ops. checked normal.
- Performed a repair of L/H aileron push-pull control rod IAW the application of the repair No. 70-160 as per Dwg. T700A51.20258. Also see NTO. Ref A/T/A/M 129/13, dated Oct.10, 2013.
- Replaced all brake linings with new P/N 7687730500.
- Replaced deterioration cabin air distribution system hose at underneath floor board of L/H intermediate seat with new P/N 7306290004.
- Replaced standby alternator drive belt with new P/N 7133601787.
- Removed leaking standby compass S/N EA-412, installed new compass P/N C2350-L4-M23 S/N VD-8526, performed compass compensation check and installed new deviation card.
- Removed standby altimeter S/N 1061257, installed an inspected altimeter S/N 1047571 IAW Socata maintenance manual chapter 34-11-03. Performed pitot / static system leak test, no defects noted.
- Removed de-ice timer P/N 3E2311-4 S/N U6194, installed new timer P/N 3E2311-4 S/N UD0072 Mod. A IAW Socata maintenance manual chapter 30-60-02 and Ops. checked good.
- Replaced a prop. de-ice wiring harness with new P/N 6034747232, performed an operational check good.
- Installed a new rivets P/N 5536342406 on left and right wheel wells.
- Resecured emergency door seal and adjusted door stop, performed pressurization test satisfactory.
- Stop drilled small crack on oil cooler housing as required.
- Removed taxi LED light bulb, installed new taxi light bulb P/N 6033407222/4587 and Ops. checked good.
- Replaced a heat exchanger ram air duct forward sleeve with new P/N 6046297234.
- Repaired a delaminated R/H anti-spin fin IAW Socata maintenance manual chapters 20-40-01, 20-40-02, 51-25-02 by out side service.

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. # 5198, Signature: *K. Phongsavath* Kam Phongsavath, Date : 07/18/2014 CRS # URZR891L / EASA. 145.5152


I certify that this Aircraft has been inspected/repared in accordance with "A" inspection per Socata MM & Far 43 and determine to be in Airworthy condition. Pertinent details on file under W.O # 5198 and copy given to customer.

Aircraft T.T : 429.6 Engine T.T : 429.6 Prop T.T : 429.6

Signature : *K. Phongsavath* Kam Phongsavath

Date : 07/18/2014 CRS # URZR891L / EASA 145.5152

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
<div>2456 Winchester Rd Hgr 14 Memphis, Tennessee 38116</div> <div>Total Air Group CRS #: 21TR987Y</div> <div>Airworthiness Release</div> <div>N: N86CH S/N: 543 W/O: MEM4800 Hobbs: 499.10 TT: 499.10 Cycles: N/A</div> <div>R+R KRA405B RADIO ALTIMETER RT UNIT REF TBM 850 AMM 34-43-01, OPS CHECK GOOD. PN ON AND OFF 066-01153-0101 SN OFF KRA405B-9459 SN ON KRA405B-2216</div> <div>R+R KTA810 TRAFFIC PROCESSOR REF TBM850 AMM 34-44-01, OPS CHECK GOOD. PN ON AND OFF 066-01152-0101 SN OFF KTA810-2724 SN ON KTA-810-2976</div> <div>The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.</div> <div>AMT:  Date: 9-23-14</div> <div>Page 1 of 1</div>					

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116**Total Air Group**901-396-9707
901-396-9708 Fax

CRS #: 21TR987Y

Airworthiness ReleaseN: N86CH S/N: 543 W/O: MEM5419
Hobbs: 629.00 TT: 629.00 Cycles: 156.00

*COMPLIED WITH TBM 850 STANDARD "C" INSPECTION IN REFERENCE TO SOCATA TBM 850 MM 5-20-04.
*AD 2011-27-09, AILERONS, AMENDMENT 39-16911 HAS BEEN P/C/W PER SB 191-27 ON 6/11.
*AD 2011-23-03, COMPASS, AMENDMENT 39-16854, HAS BEEN P/C/W PER SB 192-34 ON 6/11.
*AD 2011-02-02, PULLEY DRIVE, AMENDMENT 9-16575, IS N/A TO THIS AIRCRAFT DUE TO AIRCRAFT SERIAL NUMBER.
*AD 2010-23-28, OXYGEN, AMENDMENT 39-16518, IS N/A TO THIS AIRCRAFT DUE TO AIRCRAFT SERIAL NUMBER.
*REPLACED ELT BATTERY IAW SOCATA TBM 850 MM 25-61-01. NEW PN: 452-0133 SN: 363761-087 - EXP. DATE SEP 2019. COMPLIED WITH 14 CFR 91.207(D) ELT INSPECTION. OPERATIONAL CHECKED GOOD AND NO DEFECTS NOTED AT THIS TIME. 15 DIGIT HEX ID NUMBER NOTED AS FOLLOWS; ADC64 92631 5BA51 WORK PERFORMED IN REFERENCE TO 14 CFR 91.207(D) & ARTEX C406-1 MM 25-62-21.
*COMPLIED WITH 600 HOUR STANDBY GENERATOR BELT REPLACEMENT IAW SOCATA TBM 850 MM 24-30-05. P/N: 7133601710.
*COMPLIED WITH 600 HOUR STAND BY GENERATOR BRUSH WEAR CHECK.
*COMPLIED WITH 600 HOUR FUEL FILTER REPLACEMENT. FILTER P/N: 6007707270 & SEAL P/N: 6071017253.
*COMPLIED WITH BATTERY CAP CHECK REF CONCORDE ICA 5-0171 REV. M DATED 3-15-2012. CAP CHECK TESTS GOOD.
*INSTALLED NEW TIRE AND O-RINGS ON LEFT MLG WHEEL ASSEMBLY. TIRE P/N: 185F03-5 S/N: 42952184. O-RINGS P/N:: 101-61200 & 101-62700. ALL WORK PERFORMED IAW TBM 850 MM 32-40-01/ PH CMM 040-42900.
*INSTALLED NEW TIRE AND O-RINGS ON RIGHT MLG WHEEL ASSEMBLY. TIRE P/N: 185F03-5 S/N: 42962313. O-RINGS P/N:: 101-61200 & 101-62700. ALL WORK PERFORMED IAW TBM 850 MM 32-40-01/ PH CMM 040-42900.
*INSTALLED NEW LEFT WHEEL ASSEMBLY BOLTS, P/N: MS21250-06030.
*INSTALLED NEW LEFT & RIGHT BRAKE PRESSUR PLATES, P/N: 074-06400, STATIONARY PLATE, P/N: 073-08300, & BRAKE LININGS, P/N: 109-01500. WORK PERFORMED IN REFERENCE TO SOCATA 850 MM 32-40-03.
*SERVICED OXYGEN PER TBM MM 35-11-00.
*REPLACED BETA BLOCK WITH NEW IAW TBM 850 MM 61-00-00. P/N: A3026.
*INSTALLED NEW STAND BY ALTERNATOR COOLING FIN ASSY IAW SOCATA TBM 850 MM 24-30-05. P/N: 90-2241.
*INSTALLED NEW LEFT FUEL CAP LAYNARD, P/N: 452-16-12.
*INSTALLED NEW LEFT WING OUTBOARD DRAIN PLACARD IN REFERENCE SMP. P/N: T700A112001110300.
*INSTALLED NEW LEFT & RIGHT STATIC PORT PLACARDS IN REFERENCE TO SMP. P/N: T700A112000910200.
*THIS AIRCRAFT HAS BEEN INSPECTED IN REFERENCE TO SOCATA TBM STANDARD "C" INSPECTION. GROUND RUN AIRCRAFT OPERATIONAL CHECK SATISFACTORY AT THIS TIME. AIRCRAFT RETURN TO SERVICE. -----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 2/6/15

Page 1 of 1

Signature réparateur
pour remise en service
Signature of overhauler
tenance release

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH S/N: 543

W/O: MEM4778

Hobbs: 492.30

TT: 492.30 Cycles: N/A

*REMOVED AND REPLACED PITCH TRIM SERVO, S/N OFF: 66411766 P/N ON: 011-00878-00 S/N ON: 66401283
ALL WORK DONE IAW TBM700 MM 22-11-04. LOADED CONFIGURATION SOFTWARE REF GARMIN LINE
MAINT MANUAL 190-00871-00 REV. N OPS CHECK OF PITCH SERVO AND AUTOPILOT IS GOOD. OPS CHECK
SATISFACTORY AT THIS TIME.
*INSTALLED NEW PILOT'S TRIM SWITCH, P/N ON: N6045347298. OPS CHECK SATISFACTORY AT THIS TIME.
WORK PERFORMED IAW SOCOTA TBM 850 MM 27-11-12. -----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 7/18/14

Page 1 of 1

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH

S/N: 543

W/O: MEM5614

Hobbs: 662.20

TT: 662.20 Cycles: N/A

*INSTALLED OVERHAULED STANDY BY ATTITUDE INDICATOR, P/N: 1U149-019-19 S/N: T96050Q IAW
SOCATA TBM 850 34-24-03. OPERATIONAL CHECK SATISFACTORY AT THIS TIME. -----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 3/11/15

Page 1 of 1

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH S/N: 543

W/O: MEM5718

Hobbs: 692.80

TT: 692.80 Cycles: N/A

INSTALLED NEW AIR CONDITION RELAY, P/N: 7733240109, HOOKED UP THE AC GAUGES AND RAN
AIRCRAFT TO READ THE PRESSURE. FOUND THE AC SYSTEM TO BE LOW ON REFRIGERANT. HOOKED AC
MACHINE TO AIRCRAFT AND VACUUMED SYSTEM. AFTER SYSTEM COMPLETE ONLY 6 OZ WAS
RECOVERED FROM THE SYSTEM. RECHARGED SYSTEM WITH THE CORRECT AMOUNT OF 2.97 LBS IN
REFERENCE TO TBM MM 12-15-01. REMOVED AC CART FROM AIRCRAFT AND OP'S CHECK. AC COMING
OUT OF VENTS WAS 40 DEGREES FAHRENHEIT WHILE OUTSIDE TEMPERATURE WAS 70 DEGREES
FAHRENHEIT. -----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 3/31/15

Page 1 of 1

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH

S/N: 543

W/O: MEM-5934

Hobbs: 739.60

TT: 739.60 Cycles: N/A

*INSTALLED OVERHAULED ATTITUDE GYRO, P/N: 1U149-019-9 S/N: T100177Q, IN REFERENCE TO DAHER
TBM 700 MM 34-24-03. OPS CHECK SATISFACTORY AT THIS TIME. -----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 5-4-15

Page 1 of 1

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

Motif de l'entretien
Maintenance motive

Total Air Group
2456 Winchester Road Hangar 14
Memphis, TN 38116
(901) 396-9707 (office) (901) 396-9708 (fax)

N84CH S/N: 543

*COMPLIED WITH AIRFRAME PORTION OF A+/ANNUAL INSPECTION IAW TBM 850 MM 05-20-02 AND 12 MONTH SPECIAL INSPECTIONS I/AW TBM 850 MM 05-20-05.

*COMPLIED WITH 12 MONTH SLIP TORQUE CHECK ON GARMIN GSM85 SERVOS (ROLL) P/N: 011-00894-08 S/N: 68706301, (PITCH) P/N: 011-00894-08 S/N: 68706300, (YAW) P/N: 011-00894-08 S/N: 68706304 & GSM85 SERVO (PITCH TRIM) P/N: 011-00894-14 S/N: 88205279.

*COMPLIED WITH BATTERY CAP CHECK REF CONCORDE ICA 5-0171 REV. M DATED 3-15-2012. ALL TESTS GOOD

*COMPLIED WITH 12 MONTH SERVO ACTUATOR B35, B36, AND B37 CABLE INSPECTION IAW TBM 850 MM 20-10-04.

*COMPLIED WITH 12 MONTH SERVO ACTUATOR B35, B36, AND B37 CABLE TENSION CHECK IAW TBM 850 MM 22-11-03, 22-11-04, 22-11-05.

*COMPLIED WITH 12 MONTH FIRE EXTINGUISHER WEIGHT CHECK IAW H3R FIRE BOTTLE INSTRUCTIONS.

*COMPLIED WITH 12 MONTH UNDER FLOOR DRAIN INSPECTION AND FOUND DRAINS TO BE FREE FROM DEBRIS IAW TBM MM 53-20-00.

*COMPLIED WITH 12 MONTH WATER SEPARATOR FILTER INSPECTION IAW TBM MM 30-10-04.

*COMPLIED WITH 12 MONTH RUDDER CABLE INSPECTION FOR PROPER TENSION IAW TBM 850 MM 27-20-00.

*COMPLIED WITH 12 MONTH ELEVATOR TRIM TAB CONTROL CABLES INSPECTIONS FOR PROPER TENSION AND FOUND TENSION TO BE WITHIN LIMITS IAW TBM MM 27-30-00.

*COMPLIED WITH 12 MONTH NOSE, LH AND RH GEAR INSPECTION IAW TBM 32-00-00. NO DEFECTS NOTED AT THIS TIME.

*COMPLIED WITH 12 MONTH LUBRICATION OF NLG, LH AND RH MAIN LANDING GEAR AXLES IAW TBM MM 12-21-05.

*COMPLIED WITH 12 MONTH INSPECTION FOR PROPER INFLATION OF NOSE, LH AND RH STRUTS IAW TBM MM 12-14-01 AND 12-14-02.

*COMPLIED WITH 12 MONTH INSPECTION OF SPOILER AND AILERON CABLE ASSEMBLY ON WING IAW TBM MM 27-10-00.

*COMPLIED WITH 12 MONTH LUBE OF LH AND RH FLAP ROLLERS IAW AMM 12-21-04.

*COMPLIED WITH 12 MONTH STANDBY INDICATOR FILTER INSPECTION IAW TBM 850 MM 37-10-06.

*COMPLIED WITH 12 MONTH INSPECTION AND LUBRICATION OF NLG AND MLG WHEEL BEARINGS IAW TBM 850 MM 12-21-05, 32-40-01, 32-40-02.

*COMPLIED WITH 12 MONTH PASSENGER OXYGEN MASK INSPECTION IAW TBM MM 35-21-01.

*COMPLIED WITH 12 MONTH BETA RING AND CARBON BLOCK INSPECTION IAW TBM 850 MM 00-10-00.

*INSTALLED NEW AIR CONDITIONER COMPRESSOR, P/N: N6046297253 S/N: 1377-00415, BELT, P/N: 20286-30, & RECEIVER/DRYER, P/N: 6046297266, WITH NEW IN REFERENCE TO TBM 850 MM 21-55-01.

*REMOVED FUEL PANELS (LH WING PANELS 531, 551, 537 AND RH WING PANELS 631, 634). REMOVED EXISTING SEALANT FROM WING STRUCTURE AND PANEL. RE-INSTALLED PANELS WITH NEW PRE-FORMED GASKETS IAW TBM 850 MM AMM 52-40-01, P/N: 7423210090, 7423210089, & MS24694S48 (SCREWS). NO LEAKS NOTED FULL, INSTALLED IN AIRCRAFT WINGS.

*REMOVED BROKEN RIVNUT INSERT ON LH WING ON FUEL, PANEL 551, AND INSTALLED NEW RIVNUT INSERT AND SEALED IAW TBM 850 MM 57-20-00.

*INSTALLED NEW LEFT BRAKE PADS, P/N: 109-01500, & RIVETS, P/N: 105-00900, ONTO OLD BRAKE TORQUE PLATE IN REF TBM 850 AMM 32-40-03.

2009 8/14/15

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

*INSTALLED NEW RIGHT BRAKE DISK IAW TBM 850 AMM 32-40-03, P/N: 159-02700.

*INSTALLED NEW LH MLG TIRE, P/N: 185F03-5 S/N: 43532340 & O-RING, P/N: M83461/1-261.

IAW TBM MM 32-40-01.

*INSTALLED NEW RH MLG TIRE, P/N: 185F03-5 S/N: 43522140 & O-RING, P/N: M83461/1-261.

IAW TBM MM 32-40-01.

*INSTALLED NEW BEARINGS, P/N: LM67010-20629, AND RACES, P/N: LM67048-20629, FOR NOSE WHEEL IAW AMM 32-40-02.

*INSTALLED NEW RH WING NAV LIGHT IN REFERENCE TO TBM 850 MM 33-40-05, P/N: A508-28.

*INSTALLED NEW RH WING TAIL (AFT) LIGHT IN REFERENCE TO TBM 850 MM 33-40-05, P/N: A7512-24-WL.

*INSTALLED NEW RH AND LH STATIC PORT "KEEP CLEAN" PLACARD IN REF WITH AMM 20-10-11, P/N: T700A112000910300.

*INSTALLED NEW BETA BLOCK IAW AMM 61-20-00-02, PN OFF- A-3026, PN ON CA-3026.

*INSTALLED NEW FUEL BYPASS INDICATOR LIGHT IN REFERENCE TBM 850 MM 33-30-02, P/N: T700A33001400100.

*REATTACHED UPPER ENTRY STEP TREAD IAW TBM MM 20-30-01.

*ADJUSTED RUDDER CONTROL CABLE TENSIONS TO WITHIN LIMITS IAW TBM MM 27-20-00.

*REMOVED OXYGEN BOTTLE IAW TBM 850 MM 35-11-01, AND SENT OUT FOR HYDROSTAT/INSPECTED, CAPPED AND STOWED ASSOCIATED LINES. CUSTOMER ELECTED TO TAKE AIRCRAFT WITHOUT OXYGEN BOTTLE INSTALLED. AIRCRAFT IS UNAIRWORTHY AT THIS TIME PER 14 CFR 91.213. OXYGEN SWITCH IN COCKPIT HAS BEEN PLACARD AND A DISCREPANCY LIST HAS BEEN LEFT IN THE AIRCRAFT ON THE PILOT'S SEAT OF DISCREPANCY. -----END-----

Maintenance Release
The work identified above was performed in accordance with current Federal Aviation Regulations. Aircraft has been released in a unairworthy condition. A list of discrepancies has been left in the aircraft that need to be complied with to make this aircraft airworthy.
Pertinent details are on file under work order: MEM-6618
ATT: 8446 DATE: 8/14/2015

Signed: *[Signature]*
CRS # 21TR987Y

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116
Total Air Group
CRS #: 21TR987Y
901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM6779 TT: 847.70 Cycles: N/A
Hobbs: 847.70

*INSTALLED OVERHAULED OXYGEN BOTTLE AFTER HYDROTESTING, P/N: 2213-6519 S/N: 525, MFG DATE: 9/2008, NEXT HYDRO DUE 8/2020. (TESTING PERFORMED BY ZODIAC SERVICES AMERICAS, VAN NUYS, CA, W/O# 0050418115, DATED 17/AUG/2015). WORK PERFORMED IN REFERENCE TO TBM 850 MM 35-11-01. AIRCRAFT OK FOR RETURN TO SERVICE. -----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: *[Signature]*

Date: *8/18/15*
Page 1 of 1

Cachet - Signature réparateur

Dates	Temj la i rati
Dates	Dw n

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group
CRS #: 21TR987Y


901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM7908
Hobbs: 1,055.10 TT: 1,055.10 Cycles: N/A

*COMPLIED WITH B INSPECTION WITH NO DEFECTS NOTED.
*C/W 5 YR GEAR LONG LIFE INSPECTION IAW SOCATA TBM 850 AMM 5-20-05
*COMPLIED WITH DAHER SB 70-226 GAS CONTROLLER UPGRADE, DATED NOV,2015, ORIGINAL REVISION, PER CONTAINED ACCOMPLISHMENT INSTRUCTIONS. NO CHANGE TO WEIGHT AND BALANCE. OPS CHECK OF GAS SYSTEM GOOD AT THIS TIME.
*REMOVED LH MAIN TIRE P/N: 185F03-5, S/N: 43532340. INSTALLED NEW TIRE P/N: 185F03-3, S/N: 53092219. SERVICED TIRE. REINSTALLED WHEEL IAW TBM 850 AMM 32-40-01. NO DEFECTS NOTED AT THIS TIME.
*REMOVED RH MAIN TIRE P/N: 185F03-5, S/N: 43522140. INSTALLED NEW TIRE P/N: 185F03-3, S/N: 53082224. SERVICED TIRE. REINSTALLED WHEEL IAW TBM 850 AMM 32-40-01. NO DEFECTS NOTED AT THIS TIME.
*REMOVED DETERIORATED SEALANT FROM GPS ANTENNAS, AND RE-SEALED IAW TBM 850 MM 20-30-00.
*TRIMMED AND RE-ATTACHED RH MLG ACTUATOR VENT TUBE IAW TBM 850 MM 32-30-01.
*LOOSENEED, REMOVED, INSPECTED, LUBRICATED AND RE-INSTALLED SEIZED BOLTS IN LH AND RH MLG DOOR LINKAGE IAW TBM 850 MM 32-10-01.
---END---

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT:  Date: 12 FEB 2016

Page 1 of 1

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group
CRS #: 21TR987Y


901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM7758
Position: N/A TSN: N/A Hobbs: 1,027.60 TT: 1,027.60 Cycles: N/A
CSN: N/A TSO: N/A TSI: N/A
CSO: N/A CSI: N/A

*TROUBLESHOT PROP ANTI-ICE AND FOUND 1 PROP BOOT LEAD WITH A BROKEN WIRE. REMOVED INOP PROP BOOT LEAD, AND INSTALLED NEW LEAD IAW TBM 850 MM 36-60-00. OPS CHECK GOOD AT THIS TIME.
---END---

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT:  Date: 19 JAN 2016

Page 1 of 1

Motif de l'entretien
Maintenance motive

Détails vérification

Particulars of ins

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group
CRS #: 21TR987Y


901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM8031
Hobbs: 1,065.20 TT: 1,065.20 Cycles: N/A

*REMOVED FWD - CENTER OVER HEAD PNL FOR ACCESS TO SONALERT. REMOVED OLD SONALERT AND REPLACED WITH NEW SONALERT P/N: N7011510000, PERFORMED FUNCTIONAL CHECK IAW SOCATA TBM 850 AMM 34-11-00 - CHECKED CORRECT. REINSTALLED FWD - CENTER OVER HEAD PNL. ALL WORK PERFORMED IAW SOCATA TBM 850 AMM 34-50-01.
---END---

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT:  Date: 18 FEB 2016

Page 1 of 1

- Signature réparateur
on pour remise en service
id signature of overhauler
aintenance release

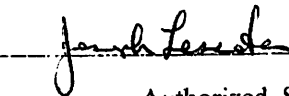
Model 850
S/N 543
Reg. # N86CH

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

Date 06/21/16
AFTT 1238.9
Hobbs 1238.9
Invoice 7091

- ♦ Removed Prop assy. Model HC-E4N-3, S/N HH3991. TSN 1238.9. Instalied overhauled prop(exchange) Same model,HC-E4N-3. S/N HH1158. Overhauled by Sensenich under their WO#G21235. Prop TSN 560.9. TSO 0.0 hrs.
- ♦ Installed new Carbon Block P/N CA3026.
- ♦ Performed Dynamic balance using Aces pro balance to .07 I.P.S.

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

 A&P138745785
Authorized Service Center
DAHER-SOCATA

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

Motif de l'entretien
Maintenance motive

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group
CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM8640 Hobbs: 1,260.70 TT: 1,260.70 Cycles: N/A

*C/W AIRFRAME PORTION OF A +ANNUAL INSPECTION IAW TBM 850 MM 05-20-02 AND 12 MONTH SPECIAL INSPECTIONS IAW TBM 850 MM 05-20-05.

*THE ALTIMETERS, ALTITUDE REPORTING, AND PITOT/STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND COMPLY WITH FAR 43 APPENDIX E.

*THE ATC TRANSPONDER TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED ON THIS DATE AND FOUND TO COMPLY WITH FAR 43 APPENDIX F AND PARAGRAPH C OF APPENDIX E.

*COMPLIED WITH ELT INSPECTION IAW TTITLE 14CFR 91.207(D). NO DEFECTS OR CORROSION NOTED AT THIS TIME. BATTERY DUE DATE 09/2019.

*PERFORMED CALIBRATION OF M53 STANDBY COMPASS AND UPDATED COMPASS CORRECTION CARD.

ALL WORK PERFORMED IAW SOCATIA TBM 700 AMM 34-23-01.

*C/W PROTECTION OF EXTERNAL FITTINGS INSPECTION IAW TBM AMM 12-2-1-04.

*C/W STRAINER INSPECTION IAW TBM AMM 28-10-06-01-601

*C/W FLAPPER VALVE INSPECTION IAW TBM 850 MM 28-10-00-602. NO DEFECTS NOTED AT THIS TIME.

*C/W SHIMMY DAMPER FLUID REPLACEMENT IAW TBM 850 12-13-01-310.

*C/W WATER SEPARATOR FILTER INSP IAW TBM 850 MM 30-10-04-601.

*C/W 200HR/ 12 MO FLAP INSPECTION IAW SB 70-11-8-27. NO DEFECT WAS FOUND AT THIS TIME.

*C/W 12 MO SERVO ACTUATOR B33, B36, AND B37 CABLE TENSION CHECK IAW TBM 850 MM 22-11-03, 22-11-04, 22-11-05.

*C/W B33, B36 & B37 SERVO ACTUATORS GREASE GEARS, IAW TBM 850 MM 22-11-00.

*INSTALLED OVERHAULED PILOT OXYGEN MASK, P/N: MC10-02-121, S/N: SE23430 IAW SOCATIA TBM AMM 35-11-02

*INSTALLED OVERHAULED CO-PILOT OXYGEN MASK, P/N: MC10-02-121, S/N: B001196 IAW SOCATIA TBM AMM 35-11-02

*REMOVED OLD ALTIMETRIC VALVE P/N: DVE90-08, S/N: 7093 AND INSTALLED OVERHAULED VALVE P/N: DVE90-08, S/N: 6176 IAW TBM850 MM 35-21-02-1A.

*REMOVED STARTER/GENERATOR P/N: 8012F, S/N: 599 AND INSTALLED OVERHAULED STARTER/GENERATOR P/N: 8012F, S/N: 191 IAW TBM 850 MM 24-30-03.

*REMOVED LOW LEVEL SENSOR P/N: 723447B, S/N: 1118 AND REPLACED WITH NEW LOW LEVEL SENSOR P/N: N6039237270, S/N: 344, OPS CHECK GOOD.

*REMOVED OLD FUEL UNIT FILTER P/N 6007707270 AND INSTALLED NEW FUEL UNIT FILTER P/N 6007707270 IAW TBM 850 MM 28-20-01-301.

*AD 2015-17-10 IS N/A DUE TO PART NUMBERS INSTALLED ON AIRCRAFT.

*COMPLIED WITH LOW LEVEL TEST IAW TBM 850 AMM 28-40-00-501. OPERATING NORMAL AT THIS TIME.

*INSTALLED NEW BRUSH ASSY P/N: ALU30485 IN STAND-BY GENERATOR IAW KELLY AEROSPACE SERVICE LETTER A-135

*INSPECTED AND SERVICED RIGHT AND LEFT MAIN STRUT IAW TBM 850 MM 12-1-4-01

*REMOVED AND SERVICED NOSE STRUT IAW TBM 850 MM 12-1-4-02

*REMOVED, SERVICED AND REPACKED PASSENGER OXYGEN MASK IAW TBM 850 MM 35-2-1-01.

*INSTALLED NEW RIGHT MAIN GEAR ACTUATOR CAPILLARY VENT LINE P/N: 7823400001

*INSTALLED NEW LANYARDS P/N: MS27380-3 ON LEFT AND RIGHT FUEL CAPS IAW TBM 850 MM 28-10-00

*INSTALLED NEW TIRE P/N: 185F03-5, S/N: 61132239 ON LH WHEEL, P/N 40-434 S/N 1681 W/ NEW ORING AND W/ INSPECTED THE BOLTS AND TORQUED TO SPECS. SERVICED TIRE TO SPECS W/ NITROGEN.

*REINSTALLED WHEEL ASSY TO THE AIRPLANE. NO DEFECT OR LEAKS WERE FOUND AT THIS TIME. ALL WORK WAS DONE IAW PARKER HANIFIN CMM CM40-270, TBM AMM 32-40-01-401, 12-14-03-01-301.

*INSTALLED NEW TIRE P/N: 185F03-5, S/N: 61122363 ON RH WHEEL, P/N 40-434 S/N 1680 W/ NEW ORING AND W/ INSPECTED THE BOLTS AND TORQUED TO SPECS. SERVICED TIRE TO SPECS W/ NITROGEN.

*REINSTALLED WHEEL ASSY TO THE AIRPLANE. NO DEFECT OR LEAKS WERE FOUND AT THIS TIME. ALL WORK WAS DONE IAW PARKER HANIFIN CMM CM40-270, TBM AMM 32-40-01-401, 12-14-03-01-301.

*INSTALLED NEW BRAKE LININGS P/N: 109-01500 ON BOTH BRAKE ASSEMBLIES IAW PARKER HANIFIN CMM CM30-191. *INSTALLED NEW TIRE P/N: 071-311-0, S/N: 5251S00446 ON NOSE WHEEL, P/N: 40-262AA S/N: 1742 AND SERVICED TIRE TO SPECS IAW PARKER HANIFIN CMM CM40-262A, TBM AMM 32-40-02-401, 12-14-03-01-301.

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT:

Date: 21 JUL 2016
Page 2 of 2

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group
CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM8697 Hobbs: 1,260.70 TT: 1,260.70 Cycles: N/A

*RESEATED CONNECTOR ON BLEED AIR SHUT OFF VALVE. OPS CHECK OKAY AT THIS TIME.

*DOWNLOADED GIA1, GIA2, AND ALL TRIM SERVO SOFTWARE AND RECONFIGURED SOFTWARE SETTINGS PER GARMIN G1000 LINE MAINTENANCE MANUAL FOR TBM 850900. OPS CHECK GOOD AT THIS TIME.-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT:

Date: 22 JUL 2016
Page 1 of 1

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group
CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM8712 Hobbs: 1,273.40 TT: 1,273.40 Cycles: N/A

*REMOVED BATTERY AND CAP CHECKED IAW CONCORDE CMM 24-30-71. DOCUMENT NO. 5-0171, REVISION P DATED NOVEMBER 2, 2015 WITH NO DEFECTS NOTED. REINSTALLED BATTERY OPS CHECK OKAY AT THIS TIME.

*INSPECTED PROPELLER DEICE SYSTEM. OPS CHECK OF SYSTEM OKAY AT THIS TIME. IN REF TO TBM 850 MM 30-00-00

*RESECURED FLAP HANDLE IN REF TO TBM 850 MM 27-00-00

*REDOWNLOADED TCAS SYSTEM KTA 810 SOFTWARE AND RESET CONFIGURATION SETTINGS IAW SOCATIA TBM 850 LINE MAINTENANCE MANUAL SECTION 4.21.5 AND SECTION 7.3. TCAS SYSTEM TEST GOOD ON GROUND

*RELOADED GTX 68 CONFIGURATION SETTINGS AND OPS CHECKED RADAR SYSTEM. SYSTEM OPS CHECK GOOD ON GROUND. ALL WORK PERFORMED IAW GARMIN 1000 LMM 2.7

-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT:

Date: 28 JUL 2016
Page 1 of 1

Cachet - Signature réparateur
Approbation pour remise en service
Stamps and signature of overhauler
ce release

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

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH S/N: 543

W/O: MEM8799
Hobbs: 1,336.40

TT: 1,336.40 Cycles: N/A

* C/W DAHER SB 70-215-34 SOFTWARE UPDATE. WORK PERFORMED IAW SOCATA SERVICE BULLETIN 70-215-34 REV 1. AND G1000 LMM-SOCATA TBM 850 SOFTWARE LOADING PROCEDURES. PAGE 7-1 REV P.
*TIGHTEN COPILOTS SUN VISOR. OP'S CHECK GOOD. WORK PERFORMED IAW SOCATA TBM 850 MM 25-11-03. -----END-----


The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 8/31/16

Page 1 of 1

NEF - AIRCRAFT RECORD

Nombre d'atterrissages		Motif de l'entretien	
Total Air Group CRS #: 21TR987Y			
Airworthiness Release			
W/O: MEM-8839 Hobbs: 1,355.10		TT: 1,355.10 Cycles: N/A	
* REMOVED RADAR P/N: 011-00883-00, S/N: 83952813. INSTALLED OVERHAULED RADAR P/N: 011-00883-00, S/N: 83953296. CONFIGURED RADAR AND OPS CHECK. OPS CHECK GOOD. WORK PERFORMED IAW TBM 850 MM 34-42-01. * UPDATED G1000 SOFTWARE TO 14.02 AND COMPLIED WITH SB 70-215-34. OPS CHECK GOOD. WORK PERFORMED IAW TBM 850 SB 70-215-34 AND G1000 LMM SECTION 7. -----END-----			
The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.			
AMT: 			
Date: 16 SEP 2016			
Page 1 of 1			

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

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hauler

Airworthiness Release

N: N86CH

S/N: 543

W/O: MEM9191

Hobbs: 1,464.50

TT: 1,464.50 Cycles: N/A

*COMPLIED WITH TBM 850 STANDARD "C" INSPECTION IN REFERENCE TO SOCATA TBM850 MM 5-20-04.
*REMOVED FORWARD EVAPORATOR P/N 1714A010001 / SN:148 AND RECIEVER DRYER PN: 8988A010001 / SN: 8988-00591. INSTALLED NEW FORWARD EVAPORATOR P/N 1714A010001 / SN: 398R. INSTALLED NEW RECIEVER DRYER PN: 8988A010001 / SN: 00747. ALL WORK ABOVE DONE IAW TBM MM 21-55-07/21-55-17.SERVICED A/C SYSTEM IAW TBM MM 12-15-01.LEAK CHECKED A/C SYSTEM NO LEAKS FOUND AT THIS TIME NO FURTHER DEFECTS FOUND AT THIS TIME.
*REMOVED LENS AND BAFFLE TO GAIN ACCESS TO LANDING LIGHT BULB REMOVED UNSERVICEABLE L LANDING LIGHT BULB P/N GE-4596 AND INSTALLED NEW LH LANDING LIGHT BULB P/N GE-4596. OPS CHECK GOOD AT THIS TIME
*FOUND WIRE BROKEN AT SOLDER JOINT ON LEFT ICE LIGHT BULB RESOLDERED WIRE ON BULB. OPS CHECK GOOD AT THIS TIME ALL WORK PERFORMED IAW SOCATA TBM850 MM 33-40-03 AND 20-20-00.
*REMOVED INOP RH STROBE LIGHT BULB P/N: 02-0250276-00, AND RH RECOGNITION LIGHT BULB P/N: A508-28, AND INSTALLED NEW RH STROBE LIGHT BULB P/N: 02-0250276-00, AND RH RECOGNITION LIGHT BULB P/N: A508-28. OPS CHECK GOOD. ALL WORK PERFORMED IAW TBM850 MM 33-40-00.
*REMOVED, CLEANED, INSPECTED, AND RE- INSTALLED INBOARD RIGHT WING FUEL PANELS,631 & 632, IAW SOCATA DAHER TBM 850 MM 52-40-01.
*REMOVED BROKEN LEFT MAIN GEAR BONDING JUMPER P/N: 6028207283 AND INSTALLED NEW LEFT MAIN GEAR BONDING JUMPER P/N: 6028207283 IAW SOCATA DAHER TBM 850 MM 32-10-01.
* NOSE WHEEL BALANCED IAW PARKER HANNIFIN CMM 40-262.
*GROUND RUN AIRCRAFT, ALL CHECKS NORMAL NO LEAKS OR DEFECTS NOTED AT THIS TIME.
-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 1.27.17

Page 1 of 1

Dates

Temps de la précéderation d

Dates

Duration since mainte: opera

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM11122
Hobbs: 2,045.50 TT: 2,045.50 Cycles: N/A

*REMOVED INOP GEAR SELECTOR SWITCH P/N LGCP07-07 S/N 584 AND INSTALLED INSPECTED/ TESTED GEAR SELECTOR SWITCH P/N LGCP07-07 S/N 598 IAW TBM 850 MM 32-60-01. OPS CHECK GOOD AT THIS TIME.-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 3 AUG 2018

Page 1 of 1

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2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM11284
Hobbs: 2,091.30 TT: 2,091.30 Cycles: N/A

*PUT CABIN DOOR WARNING ANNUNCIATOR ON MEL52-1 CAT "B" PER AIRCRAFT MMEL LIST.-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 19 SEP 2018

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Détails vérification

Particulars of ins:

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM11295
Hobbs: 2,091.30 TT: 2,091.30 Cycles: N/A

*REMOVED INOP AND INSTALLED NEW DOOR HANDLE PROX SWITCH P/N: T700G521002100000. OPS CHECK OF SYSTEM GOOD AT THIS TIME ALL WORK PERFORMED IAW SOCATA TBM850 MM 52-71-00. THIS CLEARS MEL 52-1. INOP PLACARD REMOVED.
*REMOVED WORN TIRE P/N: 301-345-870, S/N: 72532288 FROM RIGHT MAIN WHEEL ASSY. CLEANED AND INSPECTED WHEEL HALVES - NO DEFECTS NOTED AT THIS TIME. INSTALLED NEW TIRE P/N: 301-345-870, S/N: 81152147 ON WHEEL ASSY WITH NEW "O"RING. TORQUED AND SERVICED TO SPECS. REINSTALLED WHEEL ASSY ON RIGHT MAIN GEAR. ALL WORK PERFORMED IAW TBM850 AMM 32-40-01.
*SERVICED OXYGEN TO SPECS IAW TBM850 AMM 12-16-00.
-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

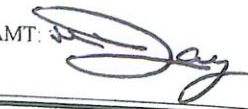
AMT: 

Date: 21 SEP 2018


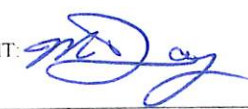
Page 1 of 1

- Signature réparateur
n pour remise en service
l signature of overhauler
intenance release

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates	Temps de v. la précéde ration d'e	2456 Winchester Rd Hgr 14 Memphis, Tennessee 38116	Total Air Group CRS #: 21TR987Y	901-396-9707 901-396-9708 Fax
Dates	Duration o since l mainten operati	Airworthiness Release		
		N: N86CH	S/N: 543	W/O: MEM11571 Hobbs: 2,228.30 TT: 2,228.30 Cycles: N/A
<p>*COMPLIED WITH "C" CHECK INSPECTION IN REFERENCE TO TBM 850 MM 05-20-04. *COMPLIED WITH ADS-B OUT MOD 70-0264-34 VERSION "B" AND VERSION "C" IAW SB70-227. GTX33 ES SERIAL NUMBER: 89109412 WAS MODIFIED BY GARMIN INTERNATIONAL, WORK ORDER: RMA 108240082, DATED 23 JAN 2019. GTX33 ES SERIAL NUMBER: 89109421 REPAIRED BY GARMIN INTERNATIONAL, WORK ORDER: RMA 108240082, DATED 23 JAN 2019. THE ATC TRANSPONDER TEST AND INSPECTIONS AS REQUIRED BY 14 CFR 91.413 WERE PERFORMED ON THIS DATE AND FOUND TO COMPLY WITH 14 CFR 43 APPENDIX "F" AND PARAGRAPH "C" OF APPENDIX "E". THE WORK IDENTIFIED HERE WAS PERFORMED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE *COMPLIED WITH RVSM 200 HOUR STATIC PRESSURE PORTS INSPECTION, 34-11-00-200-801. IAW TBM 850 MM 34-11-00-601. NO DEFECTS NOTED AT THIS TIME. *COMPLIED WITH RVSM 200 HOUR EXTERNAL SURFACE INSPECTION, 53-00-00-210-802. IAW TBM 850 MM 53-00-00-601. NO DEFECTS NOTED AT THIS TIME. *REMOVED TRANSDUCER P/N 799-5 S/N 600 AND INSTALLED NEW LIFT TRANSDUCER P/N 799-5 S/N 120. OPS CHECK GOOD ON GROUND. ALL WORK PERFORMED IAW SOCATA TBM 850 MM 34-15-02. REFER TO WORK ORDER MEM11635 FOR FLIGHT TEST. *REMOVED UNSERVICEABLE GWX 68 RADAR UNIT P/N 011-00883-00, S/N 83953296. INSTALLED OVERHAULED GWX 68 RADAR UNIT P/N 011-00883-00, S/N 83953227. OPERATIONAL CHECKS GOOD IAW GARMIN LMM-SOCATA TBM MM 850/900 4.16.1 *DEFUELED LEFT AND RIGHT WINGS IAW TBM 850 AMM 12-11-02. R&R NUTPLATE SEALANT AND GASKETS ON PANELS 531, 534, 537, 554 LEFT WING AND 654 & 634 RIGHT WING IAW TBM 850 AMM 52-40-01. REFUELED LEFT AND RIGHT WING @ 100 GAL EA IAW TBM 850 AMM 12-11-01. NO LEAKS NOTED AFTER 1 HR AND 40 HRS. PART NUMBER INSTALLED: 7423210089 & 7423210090. *REMOVED OLD PILOT'S SEAT CABLE & INSTALLED NEW SEAT CABLE ASSY IAW AMM 25-12-01. OPS CHECK GOOD. PART NUMBER OFFON: SOC4211720-505. *LUBED AIRCRAFT AS REQUIRED *GROUND RUN AIRCRAFT. OPERATIONAL CHECKS SATISFACTORY AT THIS TIME. AIRCRAFT RETURN TO SERVICE -----END-----</p> <p>The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.</p> <p>AMT:  Date: Feb 4, 2019</p> <p>Page 1 of 1</p>				

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Détails vérificati	2456 Winchester Rd Hgr 14 Memphis, Tennessee 38116	Total Air Group CRS #: 21TR987Y	901-396-9707 901-396-9708 Fax	Signature réparateur pour remise en service
Particulars of in	Airworthiness Release			Signature of overhauler tenance release
	N: N86CH	S/N: 543	W/O: MEM11635 Hobbs: 2,228.80 TT: 2,228.80 Cycles: N/A	
<p>*PERFORMED ANGLE OF ATTACK FLIGHT TEST WITH PILOT CASEY LYONS WITH NO DEFECTS NOTED WORK PERFORMED IN REF TO TBM 850 MM 34-15-00. -----END-----</p> <p>The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.</p> <p>AMT:  Date: Feb 4, 2019</p> <p>Page 1 of 1</p>				
	2456 Winchester Rd Hgr 14 Memphis, Tennessee 38116 (21TR987Y)	Total Air Group CRS #: 21TR987Y	901-396-9707 901-396-9708 Fax	
	Airworthiness Release			
	N: N86CH	S/N: 543	W/O: MEM11789 Hobbs: 2,302.30 TT: 2,302.30 Cycles: N/A	
<p>*RECONFIGURED G1000 SETTINGS IAW SB70-215-34 WHICH INSTALLED SOFTWARE UPGRADE TO VERSION 14.02. GROUND TEST PERFORMED WITH NO DEFECTS NOTED AT THIS TIME. *REMOVED OLD LEFT TIRE AND INSTALLED NEW LEFT MAIN TIRE IAW AMM 32-40-01. PART NUMBER ON: 185F03-5 SERIAL NUMBER OFF: 81152157 SERIAL NUMBER ON: 90262389. INSTALLED NEW O-RING. PART NUMBER OFFON: M83461/1-261. *REMOVED OLD RIGHT TIRE AND INSTALLED NEW RIGHT MAIN TIRE IAW AMM 32-40-01. PART NUMBER ON: 185F03-5 SERIAL NUMBER OFF: 81152147 SERIAL NUMBER ON: 90262390. INSTALLED NEW O-RING. PART NUMBER OFFON: M83461/1-261. -----END-----</p> <p>The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.</p> <p>AMT:  Date: Apr 11, 2019</p> <p>Page 1 of 1</p>				

	Dates	Temps de la précaution		Total Air Group Memphis, Tennessee 38116 (21TR987Y)	CRS #: 21TR987Y	901-396-9708 Fax	
	Dates	Duration since maintenance operation		Airworthiness Release	N: N86CH S/N: 543 W/O: MEM-11814 Hobbs: 2,306.80 TT: 2,306.80 Cycles: N/A		e l'entretien ance motive
				REINSTALLED CONFIGURATION SOFTWARE FOR THE KTA810 TAS TRAFFIC AND CONFIGURED SYSTEM FOR TBM 850 AIRFRAME. OPS CHECK GOOD ON GROUND. ALL WORK PERFORMED IAW GI000 LINE MAINTENANCE MANUAL FOR SOCATA TBM700/850/900.			
				The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.			
				AMT:	Date:		
				[Signature]	April 26, 2019		
				Page 1 of 1			

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116
(21TR987Y)

Total Air Group

901-396-9707
901-396-9708 Fax

CRS #: 21TR987Y

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM11861
Hobbs: 2,322.30 TT: 2,322.30 Cycles: N/A

*R&R UPPER AND LOWER BONDING STRAPS ON NLG IAW SOCATA MM24-70-00. PART NUMBER ONOFF: T700A2470032002 & 6028207283.
* COMPLIED WITH SB 70-233, GARMIN G1000 GDU SOFTWARE VERSION 15.11, WORK PERFORMED I/A/W SB 70-233. -----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: [Signature] Date: May 24, 2019

Page 1 of 1

Model	<u>850</u>	Atlanta Turbine Management	Date	<u>11/06/19</u>	r
S/N	<u>543</u>	500 Briscoe Blvd. Ste.201	AFTT	<u>2433.3</u>	vice
Reg. #	<u>N86CH</u>	Lawrenceville, Georgia 30046	Hobbs	<u>2061</u>	uler
Cycles	<u>2061</u>		Invoice	<u>7458</u>	

- ♦ C/W an A+ Annual Inspection IAW TBM M/M R18, and 14 CFR Parts 43 Appendix D IAW 91.409(a) (1).
- ♦ All A.D.'s in compliance through Bi-Weekly 2019-22.
- ♦ C/W SB 70-118A1 Para c. No defects noted. Re inspect every 12 mo. 200 hrs.
- ♦ C/W S.B. 70-207-32 by installation of large area washers P/N T700A321001410000 on gear actuators.
- ♦ C/W ELT CFR 91.207(d) 3, ops checks good. Installed new Battery pack P/N 452-0133 expires 11/2024.
- ♦ C/W 1 year Garmin GSM AP clutch slip test of B35-B38 servos.
- ♦ C/W 12 mo. portable fire bottle weight check 4 lbs. 11.6 oz. and is in service limits.
- ♦ C/W 12 mo. Outflow and safety valve seat cleaning.
- ♦ C/W 12 mo. water separator filter cleaning
- ♦ C/W 12 mo. LLP gear inspection.
- ♦ C/W 12 mo. Main battery cap check passed at 83 %.
- ♦ C/W 12 mo. carbon block wear check.
- ♦ C/W 12 mo. flap bearing lube.
- ♦ C/W 600 hour Main generator Brush wear checks good.
- ♦ C/W 600 hour standby gen brush wear, replaced brush set with new P/N ALU-3045BS.
- ♦ C/W 1200 hour Ultrasonic, fiber scopic and tap test of composite surfaces. NDT work by ATS under their WO# F324512 with good results.
- ♦ C/W 1200 hour rudder torque tube siccative compound treatment.
- ♦ C/W 1200 hour corrosion protective coating application of external fittings.
- ♦ C/W 3 year standby compass correlation.
- ♦ C/W 7 year Nose gear actuator pin axle bolt replacement with a new AN4-11A.
- ♦ C/W 1000 landing inspection of Nose wheel, unit failed and was replaced with a new wheel assy. P/N 40-262AA, S/N off 2402-2406.
- ♦ C/W 1000 hour landing inspection of main wheels by Aviall, P/N 40-434. Left wheel S/N off/On 1681 under Aviall WO# 2000346496.
- ♦ Right main wheel replaced with new unit P/N 40-434 S/N off 1742. New S/N On 2348.
- ♦ Nose wheel replaced with new unit P/N 40-262AA, S/N off 1742. S/N On 2402-2406.
- ♦ C/W 2100 hour oil cooler overhaul, removed oil cooler P/N L8538233, S/N off 10A-005 and S/N on 04D023 overhauled by Qualified technologies, WO# R141547.
- ♦ Replaced air cond compressor belt with new P/N 6046297261.
- ♦ Replaced Standby gen belt with new P/N 7133601710.
- ♦ Continued on next page-----

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Date

Date

- Continued from previous page.
- Re loaded ECTM software version as needed.
- Replaced O2 switch plastic guard with new P/N T700G251040110.
- Freed up stuck passenger table and checked for correct operation.
- Replaced cabin door retract cable with new unit P/N T700B526004110000 on door geared motor.
- Lubricated door rollers in cabin frame.
- Replaced left and right flap anti chafe tape as needed with all new.
- Prepped and painted nose strut lower fork and scissor links with white urethane paint.
- Replaced 7 ea. cowling studs P/N 7022130019.
- Replaced capillary drain hose on all 3 actuators with new P/N 7824340001.
- Installed new nose gear Bonding strap P/N T700A2470032001.
- Installed new Drainage placard, area 210.
- Replaced missing rivets P/N CS3213-4-03, 7 total.
- Applied new protective sleeving to Rh brake line, Bled brake system as needed.
- Replaced all brake pads 64 ea. P/N 109-01500 and 2 ea. CP Discs 159-02700.
- Replaced left and right recognition light bulbs P/N A508-28.
- Replaced self locking nuts P/N ZOON7228070007 on hot lip inlet tube clamps.
- Replaced Rh Naca scoop cowling silicone seal P/N T700A2150080100.
- Replaced Inertia sep actuator rod end with new P/N ZOON7018780009.
- Installed new seal P/N 7423410082 for brake reservoir cap.
- Applied protective tape to engine mount tube adjacent to battery box cover.
- Re sealed fuel panel 632. Installed new gasket 7423210090.
- Replaced door entry step rubber bumpers new P/N T700B526013310000.
- Repaired Rh fuselage anti spin fin with latch kit IAW Daher drawing T700A5120251-02, Installed fwd latch P/N T700A5120251000 and rear P/N T700A5120251001. Painted to match.
- Adjusted Roll pitch and yaw AP bridal cable tensions IAW 22-11.
- Replaced Rh trim tab rod axle P/N 7022780004.
- Installed serviceable oil cooler inlet duct P/N T700A7920000700201.
- Replaced cabin air duct P/N 7306290036 and 7306290039.
- Installed new bolt 5102953078 for Rh gear scissor link.
- Cleaned flap control micro switches in center console, ran flaps up and down numerous times, ops checks good.
- C/W a post MX flight IAW Socata M/M. 5-12-02 with good results.

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

This Airframe has been inspected IAW an Annual inspection and has been found to be in airworthy condition.

Janet Lesca

A&P1387457851A

TBM

SERVICE CENTER

Détails v

Particul

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116
(21TR987Y)

Total Air Group

901-396-9707
901-396-9708 Fax

CRS #: 21TR987Y

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM-11944
Hobbs: 2,338.20 TT: 2,338.20 Cycles: N/A

RECONFIGURED GTX 33ES SETTINGS FOR ADS-B OUT. OPS CHECK GOOD ON GROUND AND WITH REPORT.
TEST FLIGHT.
ALL WORK PERFORMED IAW SOCATA TBM LMM 4.9.-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service

AMT: *[Signature]*

Date: *June 14, 2019*

Page 1 of 1

nature réparateur

ur remise en service

nature of overhauler

nance release

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116
(21TR987Y)

Total Air Group

901-396-9707
901-396-9708 Fax

CRS #: 21TR987Y

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM12436
Hobbs: 2,460.00 TT: 2,460.00 Cycles: N/A

REMOVED UNSERVEABLE L/G CONTROL UNIT P/N 6003777257, S/N 598 AND INSTALLED REPAIRED L/G CONTROL P/N 6003777257, S/N 584 IAW SACATA TBM850 MM 32-60-01

WITH GUIDANCE FROM SOCATA TECHNICAL SUPPORT L/H AND R/H LANDING GEAR ACTUATORS WERE SWAPPED FOR TROUBLESHOOTING. OPS CHECKED SYSTEM WITH NO DEFECTS NOTED AT THIS TIME ACTUATORS WILL REMAIN SWAPPED REMOVAL AND INSTALLATION OF MLG L/H AND R/H ACTUATORS IAW TBM MM 32-30-11. L/H SN:446. R/H SN:447.

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: *[Signature]*

Date: *12-14-19*

Page 1 of 1

Dates
Dates

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116
(21TR987Y)

Total Air Group
CRS #: 21TR987Y


901-396-9707
901-396-9708 Fax

N: N86CHS/N: 543W/O: MEM12572
Hobbs: 2,479.00TT: 2,479.00Cycles: N/A

*REMOVED LEFT MLG WHEEL ASSEMBLY AND REMOVED TIRE AND O - RING. CLEANED WHEEL ASSEMBLIES AND BEARINGS. INSTALLED NEW TIRE AND O -RING. PACKED WHEEL BEARINGS REINSTALLED WHEEL ASSEMBLY WORK PERFORMED IN REFERENC TO TBM 850 MM 32-40-01. TIRE PART NUMBER OFF: 185F03-5 SERIAL NUMBER OFF: 90262389 SERIAL NUMBER ON: 93123064, O-RING PART NUMBER OFF/ON: M83461/1-261.

*REMOVED RIGHT MLG WHEEL ASSEMBLY AND REMOVED TIRE AND O - RING. CLEANED WHEEL ASSEMBLIES AND BEARINGS. INSTALLED NEW TIRE AND O-RING. PACKED WHEEL BEARINGS REINSTALLED WHEEL ASSEMBLY WORK PERFORMED IN REFERENC TO TBM 850 MM 32-40-01. TIRE PART NUMBER OFF: 185F03-5 SERIAL NUMBER OFF: 90262390 SERIAL NUMBER ON: 93162028, O-RING PART NUMBER OFF/ON: M83461/1-261.-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: Date: Feb 7, 2020

Page 1 of 1

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116
(21TR987Y)


Total Air Group
CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

N: N86CHS/N: 543W/O: MEM12825
Hobbs: 2,559.50TT: 2,559.50Cycles: N/A

REMOVED MAIN PILOT'S DUCT AND OVERHEAD DUCT AND INSTALLED NEW MAIN PILOT'S DUCT AND OVERHEAD DUCT IAW TBM 850 AMM 21-20-00. OPS CHECK GOOD. OK FOR SERVICE. PART NUMBER OFF/ON: 7306290032 & 6877670058DHR. -----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: Date: July 6, 2020

Page 1 of 1

l'entretien
ice motive

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

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116
(21TR987Y)


Total Air Group
CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

N: N86CHS/N: 543W/O: MEM-12860
Hobbs: 2,571.60TT: 2,571.60Cycles: N/A

THE ALTIMETERS, ALTITUDE REPORTING, AND PITOTSTATIC SYSTEM TEST REQUIRED BY 14 CFR 91.411 HAVE BEEN PERFORMED ON THIS DATE AND COMPLY WITH 14 CFR 43 APPENDIX E. THE ATC TRANSPONDER TEST AND INSPECTIONS AS REQUIRED BY 14 CFR 91.413 WERE PERFORMED ON THIS DATE AND FOUND TO COMPLY WITH 14 CFR 43 APPENDIX F AND PARAGRAPH C OF APPENDIX E.

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: Date: 7-24-2020

Page 1 of 1

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

2

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
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Total Air Group

TAG- TRANALT-01 Transponder / Altimeter

N-Number: N86CH Hobbs or ATT: 2571.6 W/O #: MEM 12860

#1 Altimeter	#2 Altimeter	#1 Transponder
Part #: 6076447227	Part #:	Part #:
Serial #: 1061257	Serial #:	Serial #:
Tested to: 35,000ft	Tested to:	Tested to:
Air Data Computer and/or Encoder		
Part #:	Part #:	#2 Transponder
Serial #:	Serial #:	Part #:
Tested to:	Tested to:	Serial #:
A/P Computer	P/N:	S/N:
Alt Alarmer	P/N:	S/N:
Static port damaged or repaired:	#1: NO	#2: NO
Mode S Code:		
Maintenance Release		
The Altimeters, Altitude Reporting, and Pitot/Static system test required by 14 CFR 91.411 have been performed and comply with 14 CFR 43 Appendix E.		
The ATC Transponder test and inspections as required by 14 CFR 91.413 were performed on this date and found to comply with 14 CFR 43 Appendix F and paragraph C of Appendix E.		
The work identified here was performed and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service.		
Signature: <i>[Signature]</i> Employee # 069 Date: 07/24/2020		

Total Air Group

TAG- TRANALT-01 Transponder / Altimeter

N-Number: N86CH Hobbs or ATT: 2571.6 W/O #: MEM 12860

#1 Altimeter	#2 Altimeter	#1 Transponder
Part #: EFIS	Part #: EFIS	Part #: GTX 33ES
Serial #:	Serial #:	Serial #: 89109421
Tested to:	Tested to:	Tested to: 35000ft
Air Data Computer and/or Encoder		
Part #: GDC 74B	Part #: GDC 74B	#2 Transponder
Serial #: 43805908	Serial #: 43805818	Part #: GTX 33ES
Tested to: 35000ft	Tested to: 35000ft	Serial #: 89109412
A/P Computer	P/N:	S/N:
Alt Alarmer	P/N:	S/N:
Static port damaged or repaired:	#1: NO	#2: NO
Mode S Code: ABCCB8		
Maintenance Release		
The Altimeters, Altitude Reporting, and Pitot/Static system test required by 14 CFR 91.411 have been performed and comply with 14 CFR 43 Appendix E.		
The ATC Transponder test and inspections as required by 14 CFR 91.413 were performed on this date and found to comply with 14 CFR 43 Appendix F and paragraph C of Appendix E.		
The work identified here was performed and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service.		
Signature: <i>[Signature]</i> Employee # 069 Date: 07/24/2020		

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Page 1 of 1
Revision 20
Date March 1, 2018

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Page 1 of 1
Revision 20
Date March 1, 2018

Détails vérification

Particulars of inspection

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116
(21TR987Y)

Total Air Group

901-396-9707
901-396-9708 Fax

CRS #: 21TR987Y

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM12967
Hobbs: 2,605.20 TT: 2,605.20 Cycles: N/A

REPLACED AIR CONDITION AIR COMPRESSOR WITH AS REMOVED COMPRESSOR PN 6046297253 SN 1377-00487. OLD PN 1377A010001 SN 1377-00415. WORK PERFORMED IAW TBM 850 AMM 21-55-01 AND SERVICED AIR CONDITION SYSTEM WITH FREON 134 IAW AMM 12-15-01. GROUND RUN AIRCRAFT, OPS CHECK GOOD AT THIS TIME. AIR CONDITION 58 DEGREES AT 75 DEGREES AMBIENT.---END---

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT *[Signature]*

Date: OCT 1, 2020

Page 1 of 1

Signature réparateur
pour remise en service
Signature of overhauler
tenance release

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116
(21TR987Y)

Total Air Group

901-396-9707
901-396-9708 Fax

CRS #: 21TR987Y

Airworthiness Release

N: N86CH S/N: 543 W/O: MEM13068
Hobbs: 2,621.20 TT: 2,621.20 Cycles: N/A

COMPLIED WITH B+ ANNUAL INSPECTION IAW TBM 850 AMM 5-20-02 & 14 CFR 43 APPENDIX "D". NO DEFECTS NOTED AT THIS TIME

R&R O2 BOTTLE IAW TBM AMM 35-11-01 PN OFF 2213-6519 SN UNKNOWN. PN ON 2213-6519 SN ON ALT279-33410. NEXT HYDRO DUE 1/26 BOTTLE DUE REPLACEMENT 1/36

REMOVED OLD BATTERY PN RG80/E44 SN 40861949 INSTALLED NEW BATTERY PN RG80/E44 SN 41129821 IAW TBM 700 AMM 24-30-04

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT *[Signature]*


Date: 1-4-21

Page 1 of 1

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
<div> <div> 2456 Winchester Rd Hgr 14 Memphis, Tennessee 38116 (21TR987Y) </div> <div> Total Air Group CRS #: 21TR987Y Airworthiness Release N: N86CH S/N: 543 W/O: MEM13761 Hobbs: 2,752.20 TT: 2,752.20 Cycles: N/A </div> <div> *COMPLIED WITH A+ INSPECTION/ ANNUAL IAW TBM850 MM 5-20-02. *AD 2021-25-10 INLET DUCT ICING FOUND TO BE N/A DUE TO P/N DUCT INSTALLED. *COMPLIED WITH 12 MONTH PORTABLE FIRE EXTINGUISHER WEIGHT CHECK. BOTTLE WEIGHED 4.6 LBS. REMOVED/INSTALLED IAW TBM850 MM 26-20-01 *PERFORMED 2 YEAR CLEANING OF OUTFLOW AND SAFETY VALVES IAW TBM850 MM 21-30-02. NO DEFECTS NOTED. *PERFORMED 12 MONTH CLEANING OF WATER SEPARATOR IAW TBM850 MM 30-10-04. NO DEFECTS NOTED. *COMPLIED WITH LONG LIFE GEAR PROGRAM 12 MONTH INSPECTION IAW TBM 850 MM 5-10-00. NO DEFECTS NOTED. *COMPLIED WITH 12 MONTH BATTERY CAP CHECK WITH NO DEFECTS NOTED BATTERY PASSED ABOVE 90% *COMPLIED WITH 12 MONTH FLAP BEARING LUBE IAW SOCATA MM12-21-04. NO DEFECTS NOTED. *PERFORMED 12 MONTH FLIGHT CONTROL CABLE TENSION CHECKS IAW TBM850 MM 27-10-00, 27-20-00 & 27-30-00. ALL CHECKS GOOD. NO FURTHER DEFECTS NOTED. *PERFORMED 12 MONTH PASSENGER OXYGEN MASK INSPECTION AND SYSTEM OPS CHECK IAW TBM850 AMM 35-00-00. ALL MASKS WERE IN GOOD CONDITION AND OPERATED PROPERLY NO DEFECTS NOTED. *PERFORMED 12 MONTH UNDERFLOOR DRAIN HOLE INSPECTION AMM IAW 53-20-001. NO CLOGGED HOLE! OR OTHER DEFECTS NOTED. *COMPLIED WITH 3 YEAR DRAIN AND REPLENISH OF SHIMMY DAMPER FLUID IAW TBM850 MM 12-13-01 LEAKED CHECKED GOOD PAGE 1 OF 2 CONTINUED NEXT PAGE </div> </div>					

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
<div> <div> PAGE 2 OF 2 *COMPLIED WITH 3 YEAR DRAIN/REPLENISH OF BRAKE FLUID IAW TBM 850 MM 12-13-05. LEAK CHECK GOOD. *COMPLIED WITH AD 2021-23-12. COPY OF AD PLACED IN LIMITATION SECTION OF POH NO DEFECTS NOTED *COMPLIED WITH 3 YEAR REPLACEMENT OF HYD FLUID IAW TBM 850 MM 12-13-05. NO DEFECTS NOTED. *R&R RH OVERHEAD AC VENT HOSE IAW TBM850 MM 21-20-00. OPS CHECK GOOD *REMOVED AND REPLACED L/H AND R/H NAV BULBS IAW TBM850 MM 33-40-05. OPS CHECK GOOD. *R&R PILOT AND COPILOT O2 MASKS IAW TBM 850 AMM 35-11-02. PN ON/OFF BOTH MASKS MC10-02-121. PILOT SN OFF SE23430 SN ON B001539. COPILOT SN OFF B001196, SN ON SE21761. OPS CHECK GOOD. *INSTALLED OVERSIZED WASHER ONE TAIL CONE SCREW HOLE IAW STANDARD PRACTICES *REPLACED BROKEN CAMLOCK ON LOWER RIGHT FWD SIDE OF ENG COWL IAW STANDARD PRACTICES *COMPLIED WITH PITOT/STATIC CHECK. AIRCRAFT IS IN COMPLIANCE WITH FAR 91.411. *COMPLIED WITH FAR 91.413 CHECK. AIRCRAFT IS IN COMPLIANCE. *PERFORMED FUNCTIONAL/ BATTERY CHECK OF ELT AIRCRAFT IS IN COMPLIANCE WITH 91.207. BATTERY EXP. NOV/24 *C/W 1 YR GARMIN GSM SLIP CLUTCH TEST NO FAULTS *COMPLIED WITH RVSM EXTERNAL SURFACE INSPECTION REF53-00-00-210-802. NO DEFECTS FOUND. *COMPLIED WITH RVSM 200 HR STATIC PORT SYTEM INSPECTION NO DEFECTS FOUND. *PERFORMED 12 MONTH A/P SERVO CABLE TENSION CHECKS IAW TBM850 AMM 22-11-03, 22-11-04 AND 22-11-05. ALL CHECKS OK. NO FURTHER DEFECTS NOTED --END-- </div> <div> The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. </div> <div> AMT:  Date: 1-27-22 </div> <div> Page 2 of 2 </div> </div>	

1

out of sequence

11

Page 1 of 1

Out of sequence

Dates	Temps la pré ration	2456 Winchester Rd. Hangar 14 Memphis, Tennessee 38116 United States	FTair LLC 145 Repair Station CRS #: 21TR987Y	901-396-9707 Fax
Dates	Durati sir mai op			
Airworthiness Release				
N: N86CH	S/N: 543	W/O: MEM14619	Hobbs: 2,869.50	TT: 2,869.50 Cycles: N/A
<p>*COMPLIED WITH B+ INSPECTION/ ANNUAL IAW TBM850 MM 5-20-02.</p> <p>*COMPLIED WITH 12 MONTH PORTABLE FIRE EXTINGUISHER WEIGHT CHECK. BOTTLE WEIGHED 4.6 LBS. REMOVED/INSTALLED IAW TBM850 MM 26-20-01</p> <p>*COMPLIED WITH LONG LIFE GEAR PROGRAM 12 MONTH INSPECTION IAW TBM MM 12-13-03</p> <p>*COMPLIED WITH 12 MONTH BATTERY CAP CHECK WITH NO DEFECTS NOTED BATTERY PASSED ABOVE 90%</p> <p>*COMPLIED WITH 12 MONTH CARBON BLOCK WEAR CHECK FOUND BLOCK TO BE WORN RAR BLOCK IAW TBM MM 61-00-01</p> <p>*COMPLIED WITH 12 MONTH FLAP BEARING LUBE IAW SOCATA MMI2-21-04. NO DEFECSTS NOTED.</p> <p>*PERFORMED 12 MONTH UNDERFLOOR DRAIN HOLE INSPECTION AMM IAW 53-20-001. NO CLOGGED HOLE; OR OTHER DEFECTS NOTED.</p> <p>*PERFORMED 12 MONTH FLIGHT CONTROL CABLE TENSION CHECKS IAW TBM850 MM 27-10-00, 27-20-00 & 27-30-00. ALL CHECKS GOOD. NO FURTHER DEFECTS NOTED.</p> <p>*PERFORMED 12 MONTH PASSENGER O2 MASK INSPECTION AND SYSTEM OPS CHECK IAW TBM850 AMM 35-00-00. ALL MASKS WERE IN GOOD CONDITION AND OPERATED PROPERLY.</p> <p>*COMPLIED WITH 5 YEAR GEAR LONG LIFE INSPECTION IAW TBM MM 32-10-01</p> <p>*CLEANED OUTFLOW AND SAFETY VALVES IAW TBM850 MM 21-30-02 FOR 12 MONTH INSPECTIOON. NO DEFECTS NOTED.</p> <p>*R&R LEFT WING RECOG LIGHT IAW TBM AMM33-40-05. OPS CHECK GOOD.</p> <p>*REPLACED NOSE WHEEL BEARINGS AND RACES IAW TBM32-40-02 & PACKED WITH GREASE.</p> <p>*R&R RIGHT AFT PASSENGER READING LIGHT IAW TBM AMM33-20-00. OPS CHECK GOOD.</p> <p>*C/W 1 YR GARMIN GSM SLIP CLUTCH TEST NO FAULTS</p> <p>*COMPLIED WITH 200 HR RVSM EXTERNAL SURFACE INSPECTION AIW AMM53-00-00-210-802. NO FAULTS</p> <p>*PERFORMED 12 MO A/P SERVO CABLE TENSION CHECKS IAW TBM850 AMM 22-11-03, 22-11-04 AND 22-11-05. ALL CHECKS OK. NO FURTHER DEFECTS NOTED.</p> <p>*C/W FAR 91.207 ELT CHECK WITH NO FAULTS BATTERY EXP 1/24.</p> <p>--END--</p>				
<p>The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.</p>				
AMT:	Date: 11-22-22			
Page 1 of 1				

Détail	2456 Winchester Rd. Hangar 14 Memphis, Tennessee 38116 United States	FTair LLC 145 Repair Station CRS #: 21TR987Y	901-396-9707 Fax	ure réparateur remise en service ure of overhauler ice release
Part	Airworthiness Release			
	N: N86CH	S/N: 543	W/O: MEM14871 Hobbs: 2,976.90	TT: 2,976.90 Cycles: N/A
	R&R A/C COMPRESSOR. SERVICED WITH 3.0LBS OF REFRIGERANT IAW TBM AMM21-55-01. OK FOR SERVICE. COMPRESSOR: P/N OFF: 1377A010001 S/N OFF: 1377-00833 P/N ON: 1377A010001 S/N ON: 1377-00926 RECEIVER DRYER: P/N OFF: 8988A010001 S/N OFF: 8988-01506 P/N ON: 8988A010001 S/N ON: 8988-01755 --END--			
	The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.			
	AMT: <i>23 B MEL</i> <i>081</i>	Date: <i>1-12-23</i>		
	Page 1 of 1			

Dates
Temp
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Dur
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2456 Winchester Rd.
Hangar 14
Memphis, Tennessee 38116
United States

FTair LLC 145 Repair Station

901-396-9707

Fax

CRS #: 21TR987Y

Airworthiness Release

N: N86CH

S/N: 543

W/O: MEM14970

Hobbs: 2,983.10

TT: 2,983.10 Cycles: N/A

REMOVED RH BRAKE UNIT AND REPACKED ALL 6 DISC PUCKS WITH WIPERS. O RING AND INSULATOR
REF CMM CM30-191. REINSTALLED BRAKE UNIT. PERFORMED BLEEDING AND OPS CHECK OF R/H BRAKE
UNIT WITH NO FAULTS REF AMM32-40-03
*REMOVED AND REPLACED CAMLOCK AND ANCHOR NUT ON FORWARD LOWER COWLING REF AMM
20-00-00. COWLING CHECKS GOOD FOR SECURITY

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT:

Date:

Page 1 of 1

Détails vérifications et travaux entretien – Révisions partielles ou générales

Modifications – Essais en vol

Cachet – Signature réparateur

Annroation pour remise en service

2456 Winchester Rd.
Hangar 14
Memphis, Tennessee 38116
United States

FTair LLC 145 Repair Station

901-396-9707

Fax

CRS #: 21TR987Y

Airworthiness Release

N: N86CH

S/N: 543

W/O: MEM15115

Hobbs: 3,003.50

TT: 3,003.50 Cycles: N/A

*R & R #1 TIRE IAW TBM 850 MM 32-40-01. PN OFF 185F03-5 /SN OFF 13010080 AND WITH PN ON 185F03-5/ SN
ON 30420087.
*R & R #2 TIRE IAW TBM 850 MM 32-40-01. PN OFF 185F03-5 /SN OFF 12970254 AND WITH PN ON 185F03-5/ SN
ON 30440115. --END--

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT:

Date:

Page 1 of 1

2456 Winchester Rd.
Hangar 14
Memphis, Tennessee 38116
United States

FTair LLC 145 Repair Station

901-396-9707

Fax

CRS #: 21TR987Y

Airworthiness Release

N: N86CH

S/N: 543

W/O: MEM16268

Hobbs: 3,041.60

TT: 3,041.60 Cycles: N/A

*R&R PROP DEICE BRUSH BLOCK IAW AMM30-60-01. OPS CHECK GOOD.
*REMOVED PROPELLOR P/N HC-E4N-3 S/N HH1158 FOR SLIP RING REPLACEMENT. REPLACEMENT
PERFORMED UNDER MEMPHIS PROPELLER WO 24629. REINSTALLED SAME PROPELLER IAW AMM.
61-00-49. OPS AND LEAK CHECKS CHECK GOOD.
--END--

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT:

Date:

Page 1 of 1

2456 Winchester Rd.
Hangar 14
Memphis, Tennessee 38116
United States

FTair LLC 145 Repair Station

901-396-9707

Fax

CRS #: 21TR987Y

Airworthiness Release

N: N86CH

S/N: 543

W/O: MEM16453

Hobbs: 3,078.70

TT: 3,078.70 Cycles: N/A

*REMOVED NOSE TIRE PN:071-311-0 SN: 701IS00073 AND REPLACED WITH TIRE PN:071-311-0 SN:1219T00067
IAW DAHER TBM 850 MM 32-40-02.
*INSTALLED MISSING FASTENER IN UPPER ENGINE COWL RH FWD CORNER IAW TBM850 MM 71-10-00 OPS
CHECK GOOD.
--END--

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT:

Date:

Page 1 of 1

2456 Winchester Rd.
Hangar 14
Memphis, Tennessee 38116
United States

FTair LLC 145 Repair Station

901-396-9707

Fax

CRS #: 21TR987Y

Airworthiness Release

N: N86CH

S/N: 543

W/O: MEM16733

Hobbs: 3,099.40

TT: 3,099.40 Cycles: N/A

*SERVICED NOSE STRUT IAW SOCATA AMM12-13-03. NO FURTHER MAINTENANCE. PERFORMED
--END--

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT:

Date:

Page 1 of 1

es ou générales
r overhauls

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

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
<div> <div> 2456 Winchester Rd. Hangar 14 Memphis, Tennessee 38116 United States </div> <div> FTair LLC 145 Repair Station CRS #: 21TR987Y </div> <div> 901-396-9707 Fax </div> </div>					
<div> <div> Airworthiness Release </div> <div> W/O: MEM16939 Hobbs: 3,113.30 TT: 3,113.30 Cycles: N/A </div> <div> N: N86CH S/N: 543 </div> </div>					
<p>*COMPLIED WITH A+ INSPECTION IAW TBM MM 05-20-02</p> <p>*C/W 12 PORTABLE FIRE EXT WT CHECK. WEIGHT GOOD, CHARGE GOOD.</p> <p>*COMPLIED WITH 1 YEAR WATER SEPARATOR FILTER CLEANING IAW TBM 850 AMM 30-10-04.</p> <p>*COMPLIED WITH LONG LIFE GEAR PROGRAM INSPECTION IAW TBM 850 AMM 12-21-05, 12-14-01, AND 32-00-00.</p> <p>*REPLACED MAIN BATTERY PN RG-380E/44 WITH NEW. S/N OFF 41129821. S/N ON 41344319. OPS CHECKS GOOD.</p> <p>*COMPLIED WITH 12 MONTH CARBON BLOCK WEAR CHECK IAW HARTZELL PROP MM61-00-47.</p> <p>*COMPLIED WITH FLAP BEARING LUBE IAW TBM 850 AMM 12-21-04.</p> <p>*COMPLIED WITH 12 MONTH FLIGHT CONTROL CABLE TENSION CHECK IAW TBM 850 AMM 27-20-00 AND 27-10-00.</p> <p>*COMPLIED WITH 12 MONTH PASSENGER O2 MASK INSPECTION IAW TBM 850 AMM 35-00-00.</p> <p>*COMPLIED WITH 12 MONTH FUSELAGE DRAIN INSPECTION. FUSELAGE DRAIN AND FOUND TO BE CLEAR IAW TBM 850 AMM 53-20-00.</p> <p>*CLEANED OUTFLOW VALVE FOR 12 MONTH INSPECTION IAW TBM 850 AMM 21-30-00.</p> <p>*INSTALLED NEW TERMINAL ON LH WHEEL WELL UPPER BONDING STRAP IAW STANDARD PRACTICES MM.</p> <p>*FOUND AD 21-24-13 TO BE NOT APPLICABLE BY AIRCRAFT SN.</p> <p>*REMOVE AND REPLACE NOSE WHEEL BEARING CONES PART#LM67048 AND BEARINGS PART#LN67010 IAW TBM 850 SERIES MM 32-40-02.</p> <p>*REPLACED AFT CARGO LIGHT SWITCH P/N T700G220550000 AND GAIN ACCESS TO ENTRY DOOR LIGHT ASSEMBLY AND CORRECTED PLUG CONNECTIONS, PERFORMED OPS CHECK OF ACCESS LIGHTS NC FAULTS REF AMM33-20-00</p> <p>*REMOVED AND REPLACED AFT PAX O2 MASK IAW TBM 850 SERIES MM 35-21-00 OPS CHECK GOOD P/N 289-601-228-3 (NEW / OLD) NSN.</p> <p>*RESECURED HYDRAULIC LINES IN LH AND RH WHEEL WELLS IAW TBM 850 SERIES MM 32-40-00.</p> <p>*RE POSITIONED HARNESS OF DE-ICE DISTRIBUTION VALVE IAW SOCATA MODEL BTM700 SERIES WIRING MANUAL/HARNESS BUNDLING 20-30-20.</p> <p>*REPLACED FASTENER GROMMET ON RH FWD UPPER COWL IAW TBM 850 MM 71-10-00. OPS CHECK GOOD. AC OK FOR SERVICE.</p> <p>*C/W 12 MO SLIP CLUTCH TEST REF AMM GI000 LMM-SOCATA TBM700/850/900 PAGE 6-3 190-00871-00</p> <p>*COMPLIED WITH RVSM 200 HR EXTERNAL SURFACE INSPECTION. NO FAULTS NOTED REF AMM 53-00-00-210-802.</p> <p>*COMPLIED WITH RVSM 200 HR STATIC PORT INSPECTION. NO FAULTS. REF AMM34-11-00-200-801.</p> <p>*COMPLIED WITH 12 MONTH SERVO ACTUATOR TENSION CHCK. TENSION IN LIMITS.</p> <p>*PERFORMED ELT OPS CHECK / BATTERY INSPECTION AIRCRAFT IS IN COMPLIANCE WITH FAR 91.207. NO FURTHER MAINTENANCE REQUIRED.</p> <p>*PERFORMED PS/PT CHECK WITH NO FAULTS. AIRCRAFT IS IN COMPLIANCE WITH FAR 91.411.</p> <p>*PERFORMED XPDR OPS CHECK WITH NO FAULTS. AIRCRAFT IS IN COMPLIANCE WITH FAR 91.413.</p> <p>--END--</p>					
<p>The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.</p>					
<div> <div> AMT: <i>MSH</i> </div> <div> Date: <i>1-2-24</i> </div> </div>					
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2456 Winchester Rd.
Hangar 14
Memphis, Tennessee 38116
United States

FTair LLC 145 Repair Station
CRS #: 21TR987Y

901-396-9707
Fax

Airworthiness Release

W/O: MEM17335
Hobbs: 3,113.30
TT: 3,113.30
Cycles: N/A

N: N86CH
S/N: 543
Position: FRONT
TSN: 3,113.30
CSN: N/A

S/N PCE-RV0206

*R/R EXTERNAL OIL TUBE O RINGS P/N AS3209-114 QTY (2) REF DOCUMENT 3070902. LEAK CHECK GOOD.

*REMOVED AND REPLACED ENGINE BREATHING TUBE P/N T700A717003100100 REF AMM 78-00-00. NO FURTHER MAINTENANCE REQUIRED. --END--

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: *MSH*

Date: *2-9-24*

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2456 Winchester Rd.
Hangar 14
Memphis, Tennessee 38116
United States

FTair LLC 145 Repair Station
CRS #: 21TR987Y

901-396-9707
Fax

Airworthiness Release

W/O: MEM17479
Hobbs: 3,222.20
TT: N/A
Cycles: N/A

N: N86CH
S/N: 543

*COMPLIED WITH AD 2023-11-12 BY INCORPORATING SB 70-304. NO FURTHER MAINT PERFORMED. --END--

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: *MSH*

Date: *6-5-24*

Page 1 of 1

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Dates

Dates

2456 Winchester Rd.
Hangar 14
Memphis, Tennessee 38116
United States

FTair LLC 145 Repair Station

901-396-9707

Fax

CRS #: 21TR987Y

Airworthiness Release

N: N86CH

S/N: 543

W/O: MEM18177

Hobbs: 3,238.10

TT: 3,238.10 Cycles: N/A

*R & R #1 TIRE IAW TBM 850 MM 32-40-01. PN OFF 185F03-5 /SN OFF 30420087 AND WITH PN ON 185F03-5/ SN ON 33400248

*R & R #2 TIRE IAW TBM 850 MM 32-40-01. PN OFF 185F03-5 /SN OFF 30440115 AND WITH PN ON 185F03-5/ SN ON 32190283 --END--

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT:

[Signature]
081

Date:

6-25-24