



Transport  
Canada

Transports  
Canada

TP 14182E



(Revised 05/2005)

# **Engine Logbook**

# **GAS GENERATOR**

# **MODULE LOG BOOK**

**Canada**<sup>†</sup>

Volume #: 1

Opened on: 24 JUN 2007

## ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.

2. Type/Model/Series E.T.C. E- 21 PT6A- 66D B/S: 1198

3. Serial Number PCE- RV0079

# Section 1: Record of engine maintenance and elementary work

<b>REG #</b>	<b>N856MF</b>	<b>Signature TECHNICAIR</b> 3636 Wilbur Plaza, Eppley Airfield Omaha, Nebraska 68110 FAA REPAIR STATION # MGOR426G <b>LOGBOOK INSERT</b>	DATE	22/JUL/2022
MODEL	TBM 850		W/O	S93-22-01717
SERIAL #	421		HOBBS	1198.9
ENG. MOD.	PT6A-66D		ACTT	1198.9
ENG. S/N	RV0079		LNDS	915

ENGINE TSN= 1198.9 CYS= 915

- Performed a Standard Program A+ / Annual Inspection referencing TBM Maintenance Manual Part No. Z00.DMAMMPXEE0R48 chapters 05-20-02 and 05-20-05 and 14CFR 91.409(a)(1) and Part 43 Appendix D.
- Completed an Engine Minor Periodic Inspection using Table 601 contained in Chapter 72-00-00 of the PT6A-66D Maintenance Manual 3070902 Revision 22 dated April 12, 2022.
- Completed 400-hour Hot section borescope inspection (in conjunction with nozzles) referencing P&WC PT6-66D maintenance manual chapter 72-00-00 paragraphs 9.F.G. & H.
- Completed 400-hour Fuel nozzle adapter leak and function test. Removed and reinstalled 13-each duplex nozzle adapter assemblies Part No. 3119855-01 and 1-each fuel inlet adapter Part No. 3119856-01 after inspection and tested by Dallas Airmotive, Inc. Chesterfield, MO. CRS # YRR749L. Reference FAA Form 8130-3 with form tracking no. RPR60082 dated 07/JUL/2022.
- Removed and installed 4-each new fuel transfer tubes Part No. 3011155.
- Performed chip detector operational test referencing chapter 72-00-00.
- Removed and inspected and reinstalled fuel pump inlet filter with new O-ring Part No. M25988-1-916.
- Removed and installed new fuel pump outlet filter Part No. AN6235-3A with new O-rings Part No. M25988/1-212 and M25988/1-928.
- Removed and inspected, cleaned, tested, and reinstalled chip detectors with 2 each new O-rings Part No. AS3209-115.

I certify this Engine has been inspected in accordance with a A+ / Annual inspection per 14 CFR 91.409 (a)(1) and is determined to be in airworthy condition. All maintenance was performed referencing the applicable manufacturer's maintenance manuals. Details of the work are on file at this facility.

DATE 22/JULY/2022 SIGNED *Ronald J Selken*  
 Ronald J Selken for CRS# MGOR426G

<b>REG #</b>	<b>N856MF</b>	<b>Signature TECHNICAIR</b> 3636 Wilbur Plaza, Eppley Airfield Omaha, Nebraska 68110 FAA REPAIR STATION # MGOR426G <b>LOGBOOK INSERT</b>	DATE	01/JUL/2023
MODEL	TBM 850		W/O	S93-23-0959
SERIAL #	421		HOBBS	1234.8
ENG. MOD.	PT6A-66D		ACTT	1234.8
ENG. S/N	RV0079		LNDS	954

ENGINE TSN= 1234.8 CYS= 954

- Performed a Standard Program B+ / Annual Inspection referencing TBM Maintenance Manual Part No. Z00.DMAMMPXEE0R49 chapters 05-20-03 and 05-20-05 and 14CFR 91.409(a)(1) and Part 43 Appendix D.
- Completed an Engine Minor Periodic Inspection using Table 601 contained in Chapter 72-00-00 of the PT6A-66D Maintenance Manual 3070902 Revision 24 dated April 10, 2023.
- Performed chip detector operational test referencing chapter 72-00-00.
- Removed and inspected, cleaned, tested, and reinstalled chip detectors. No discrepancies noted at time of inspection.
- Removed and installed new fuel pump outlet filter Part No. AN6235-3A with new O-rings Part No. M25988/1-212 and M25988/1-928.
- Removed and inspected engine oil filter and secondary screen. No discrepancies noted at time of inspection.
- Removed and inspected, cleaned, and reinstalled P3 air filter. No discrepancies noted at time of inspection.

I certify this Engine has been inspected in accordance with a B+ / Annual inspection per 14 CFR 91.409 (a)(1) and is determined to be in airworthy condition. All maintenance was performed referencing the applicable manufacturer's maintenance manuals. Details of the work are on file at this facility.


DATE 01/JUL/2023 SIGNED *Ronald J Selken*  
 Ronald J Selken for CRS# MGOR426G

<b>REG #</b>	<b>N856MF</b>	<b>Signature TECHNICAIR</b> 3636 Wilbur Plaza, Eppley Airfield Omaha, Nebraska 68110 FAA REPAIR STATION # MGOR426G LOGBOOK INSERT	DATE	24/JULY/2019
MODEL	TBM 850		W/O	S93-19-00908
SERIAL #	421		HOBBS	994.7
ENG. MOD.	PT6A-66D		ACTT	994.7
ENG. S/N	RV0079		LNDS	755

ENGINE TSN= 994.7 CYS= 755

1. Performed a Standard Program B+ / Annual Inspection referencing TBM Maintenance Manual Part No. Z00.DMAMMPXEE0R47 chapters 05-0-02 and 05-20-05 and 14CFR 91.409(a)(1) and Part 43 Appendix D.
2. Completed an Engine Minor Periodic Inspection using Table 601 contained in Chapter 72-00-00 of the PT6A-66D Maintenance Manual 3070902 Revision 18 dated April 10, 2017.
3. Complied with 1,000-hour AGB gear box scavenge pump inlet screen inspection referencing chapter 72-60-00. No discrepancies noted at this time.
4. Complied with 1,000-hour oil filter replacement. Removed and installed new filter Part No. 3070976-01.
5. Removed and installed new fuel pump outlet filter Part No. AN6235-3A with new O-rings Part No. M25988/1-212 and M25988/1-928.
6. Removed and inspected, cleaned, tested and reinstalled chip detectors with 2 each new O-rings Part No. AS3209-115.

I certify this Engine has been inspected in accordance with a B+ / Annual inspection per 14 CFR 91.409 (a)(1) and is determined to be in airworthy condition. All maintenance was performed referencing the applicable manufacturer's maintenance manuals. Details of the work are on file at this facility.

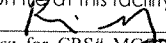
DATE 24/JULY/2019 SIGNED   
Kevin Reisz for CRS# MGOR426G

<b>REG #</b>	<b>N856MF</b>	<b>Signature TECHNICAIR</b> 3636 Wilbur Plaza, Eppley Airfield Omaha, Nebraska 68110 FAA REPAIR STATION # MGOR426G LOGBOOK INSERT	DATE	02/JULY/2020
MODEL	TBM 850		W/O	S93-20-01179
SERIAL #	421		HOBBS	1054.0
ENG. MOD.	PT6A-66D		ACTT	1054.0
ENG. S/N	RV0079		LNDS	794

ENGINE TSN= 1054.0 CYS= 794

1. Performed a Standard Program A+ / Annual Inspection referencing TBM Maintenance Manual Part No. Z00.DMAMMPXEE0R47 chapters 05-20-03 and 05-20-05 and 14CFR 91.409(a)(1) and Part 43 Appendix D.
2. Completed an Engine Minor Periodic Inspection using Table 601 contained in Chapter 72-00-00 of the PT6A-66D Maintenance Manual 3070902 Revision 18 dated April 10, 2017.
3. Performed a compressor and turbine desalination wash referencing chapter 71-00-00.
4. Performed chip detector operational test referencing chapter 72-00-00.
5. Removed and inspected and reinstalled fuel pump inlet filter with new O-ring Part No. M25988-1-916.
6. Removed and installed new fuel pump outlet filter Part No. AN6235-3A with new O-rings Part No. M25988/1-212 and M25988/1-928.
7. Removed and inspected, cleaned, tested and reinstalled chip detectors with 2 each new O-rings Part No. AS3209-115.

I certify this Engine has been inspected in accordance with a A+ / Annual inspection per 14 CFR 91.409 (a)(1) and is determined to be in airworthy condition. All maintenance was performed referencing the applicable manufacturer's maintenance manuals. Details of the work are on file at this facility.

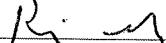
DATE 02/JULY/2020 SIGNED   
Kevin Reisz for CRS# MGOR426G

<b>REG #</b>	<b>N856MF</b>	<b>Signature TECHNICAIR</b> 3636 Wilbur Plaza, Eppley Airfield Omaha, Nebraska 68110 FAA REPAIR STATION # MGOR426G LOGBOOK INSERT	DATE	09/JULY/2021
MODEL	TBM 850		W/O	S93-21-01433
SERIAL #	421		HOBBS	1133.2
ENG. MOD.	PT6A-66D		ACTT	1133.2
ENG. S/N	RV0079		LNDS	866

ENGINE TSN= 1133.2 CYS= 866

1. Performed a Standard Program C+ / Annual Inspection referencing TBM Maintenance Manual Part No. Z00.DMAMMPXEE0R48 chapters 05-20-04 and 05-20-05 and 14CFR 91.409(a)(1) and Part 43 Appendix D.
2. Completed an Engine Minor Periodic Inspection using Table 601 contained in Chapter 72-00-00 of the PT6A-66D Maintenance Manual 3070902 Revision 20 dated April 12, 2021.
3. Performed chip detector operational test referencing chapter 72-00-00.
4. Removed and inspected and reinstalled fuel pump inlet filter with new O-ring Part No. M25988-1-916.
5. Removed and installed new fuel pump outlet filter Part No. AN6235-3A with new O-rings Part No. M25988/1-212 and M25988/1-928.
6. Removed and inspected, cleaned, tested, and reinstalled chip detectors with 2 each new O-rings Part No. AS3209-115.

I certify this Engine has been inspected in accordance with a C+ / Annual inspection per 14 CFR 91.409 (a)(1) and is determined to be in airworthy condition. All maintenance was performed referencing the applicable manufacturer's maintenance manuals. Details of the work are on file at this facility.

DATE 09/JULY/2021 SIGNED   
Kevin Reisz for CRS# MGOR426G

# Section 1: Record of engine maintenance and elementary work



FAA CRS # URZR891L / EASA.145.5152

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

Date : 06/08/2017

Serial Number : 421

Registration : N856MF

Aircraft type : TBM 700

Meter Time: 818.7 Hobbs

Time Since New : 818.7

Cycle Since New : 679

Work Order : 6064

- Eng. PT6A-66D S/N. RV0079 TSN. 818.7 CSN. 679.
- Performed a Standard Program C+/Annual inspection IAW TBM Maintenance manual chapters 05-20-04/05-20-05. 14 CFR 91-409(a)(1) and Part 43 Appendix D.
- Performed preliminary F.O.D. borescope inspection of engine first stage compressor blades, no defect found.
- Performed engine minor inspection IAW P&WC maintenance manual chapter 72-00-00 Par. 8 Table 601, no defect noted.
- Performed ultrasonic cleaning P3 filter. Cleaned/Inspected P3 filter drain valve housing assy and filter bowl. Re-installed with new O-rings.
- Removed engine oil filter, cleaned, inspected and re-installed with new O-rings P/N AS3209-120, AS3209-143.
- Inspected AGB scavenge pump inlet screen IAW P&WC Maintenance manual chapter 72-60-00, Par. 6-D, no foreign material found.
- Performed bridge check and continuity of chip detector, no defect noted.
- C/W 400 hrs. Removed and sent fuel inlet nozzle P/N 3119856-01 S/N CPWA Z1182 05-07 and fuel duplex nozzles P/N 3119855-01 for inspection and flow test by SouthEast Turbines CRS # E7BR231O, W.O. TS6842, date 02/Jun/2017 and re-installed with new pre-formed packings and gaskets IAW Pratt & Whitney maintenance manual chapter 73-11-05. C/W SB 14357R2, SB 14495 at this shop visit.
- In conjunction with fuel nozzles removal, performed a borescope inspection of hot section, no defect noted.
- C/W P&WC SB 14001 R19 Initiated transition to HTS 560 oil. Inspected oil filter for carbon deposits, found classified as minor. Replaced existing oil type placard with new placard with appropriate new oil type and brand to be used (Aero Shell 560).
- C/W P&WC SB 14473R3 Perform a one time inspection of the torque limiter P/N 3244862-2/3055731-01 A, S/N C35321, no defect noted.
- C/W P&WC SB 14498 PT Stator housing. Reviewed engine records, no history of weld repaired was performed to PT stator housing.
- C/W P&WC SB 14507 Inspection of interconnect rod for proper installation of safety cable, found no interference with the FCU lever.
- C/W P&WC SIL PT6A-213 Inspected engine compressor inlet case for corrosion, no defect noted at this inspection. Applied an approved corrosion inhibitor compound "Corrosion X" on inlet case area as required IAW P&WC EMM Section 72-00-00 as specified in P&WC Service Information Letter No. PT6A-213.
- Performed compressor, turbine desalination wash per Pratt & Whitney maintenance manual chapter 71-00-00.
- Performed engine run to determine satisfactory performance IAW the manufacturer's recommendations and leak checked found satisfactory and no leak noted.

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. # 6064, Date : 06/08/2017 Signature: *K. Phongsavath* Kam Phongsavath  
CRS # URZR891L / EASA. 145.5152

I certify that this Engine has been inspected/repared in accordance with "C +" inspection per Socata MM & Far 43 and determine to be in Airworthy condition. Pertinent details on file under W.O # 6064 and copy given to customer.  
Aircraft T.T : 818.7 Engine T.T : 818.7 Prop T.T : 818.7  
Signature : *K. Phongsavath* Kam Phongsavath  
Date : 06/08/2017 CRS # URZR891L / EASA 145.5152

<b>REG #</b>	<b>N856MF</b>	<b>Signature TECHNICAIR</b> 3636 Wilbur Plaza, Eppley Airfield Omaha, Nebraska 68110 <b>FAA REPAIR STATION # MGOR426G</b> <b>LOGBOOK INSERT</b>	<b>DATE</b>	03/JULY/2018
<b>MODEL</b>	TBM 850		<b>W/O</b>	S93-19-00500
<b>SERIAL #</b>	421		<b>HOBBS</b>	910.3
<b>ENG. MOD.</b>	PT6A-66D		<b>ACTT</b>	910.3
<b>ENG. S/N</b>	RV0079		<b>LNDS</b>	700
ENGINE TSN= 810.3 CYS= 700				
<ol style="list-style-type: none"> <li>1. Performed a Standard Program A+ / Annual Inspection referencing TBM Maintenance Manual Part No. Z00.DMAMMPXEE0R46 chapters 05-0-02 and 05-20-05 and 14CFR 91.409(a)(1) and Part 43 Appendix D.</li> <li>2. Completed an Engine Minor Periodic Inspection using Table 601 contained in Chapter 72-00-00 of the PT6A-66D Maintenance Manual 3070902 Revision 18 dated April 10, 2017.</li> <li>3. Rigged engine low idle to 56% Ng and high idle to 71% Ng referencing chapter 71-00-00.</li> <li>4. Removed and installed new fuel pump outlet filter Part No. AN6235-3A with new O-rings Part No. M25988/1-212 and M25988/1-928.</li> <li>5. Removed and inspected, cleaned, tested and reinstalled chip detector with 2 each new O-rings Part No. AS3209-115.</li> </ol>				
I certify this Engine has been inspected in accordance with a A+ / Annual inspection per 14 CFR 91.409 (a)(1) and is determined to be in airworthy condition. All maintenance was performed referencing the applicable manufacturer's maintenance manuals. Details of the work are on file at this facility.				
DATE <u>03/JULY/2018</u>		SIGNED <i>K. Reisz</i> Kevin Reisz for CRS# MGOR426G		

Signature

AME  
ACA/AMO  
SCA/AMO

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SOCATA

Document de rattachement : MOE  
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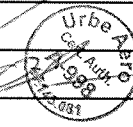
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CAMO  
02

1. Approving competent Authority / Country <b>Autorité compétente / Pays</b> DIRECTION GENERALE DE L'AVIATION CIVILE France		2. AIRCRAFT CERTIFICATE OF RELEASE TO SERVICE <i>Certificat d'approbation pour remise en service aéronaf</i>			3. Form Tracking Number <i>N° de repère du Formulaire</i> RT 402-14	
4. Approved Organisation Name and Address / <i>Nom et adresse de l'Organisme Agréé</i> SOCATA sas Aéroport Tarbes Lourdes Pyrénées 65291 TARBES CEDEX 9				5. Work Order / Contract / Invoice <i>Bon de commande / Contrat / Facture</i> WO-3-2014-TBM		
6. Model Type TBM	7. Registration Immatriculation LZ-TBM	8. A/C Serial Number Numéro de Série 421	9. Engine Serial Number N° série des Moteurs SN 1 : RV0079 SN 2 : SN 3 : SN 4 :	10. APU serial number N° série du Groupe auxiliaire SN : .....	11. Operator <i>Exploitant</i> Prima Finance	
12. Status - Work performed / <i>Etat - Travaux effectués</i> A* Inspection performed law MM SOCATA ZOO DMAMMPXEER44 chap 05-20-02 and specials checks law WO-3-2014-TBM SB 70-118-27 R01 CW - SB 70-206-32 CW (LH LDG) - SB 70-197-32 CW (LH LDG) Additional works: RH main tire replaced - S35 low pressure switch replaced and PL22 indicator adjusted - LH main landing gear repaired - Wing service doors N°63 replenished - C21 elevator control lever replaced - Fire extinguisher replaced SN OFF RM67843 at SN ON A26306 - Hall impact repaired on RH and LH flaps Hall impacts on horizontal stabilizer and RH and LH alleron repaired law note N°050/14 of SOCATA - Altimetric valve replaced SN ON 222 - Air data systems cleaned - Gasket of pilot door law 25-21-01 replaced Flight test : 2 flights / 1 H50 / 2 Land						
13. Remarks / <i>Remarques</i> Works reported : yes-no / Travaux différés : oui - non- Leak on left brake master cylinder : Brakes: pressure plates and back plates need to be replaced						
14. Approved Maintenance Program / <i>Programme d'Entretien Approuvé</i> ZOO DMAMMPXEER44 Amendement / Révision 0 / 44		15. Work pack Reference / <i>Ref. du dossier de visite</i> RT 402-14		16. Date of performance / <i>Date des travaux</i> Beginning / Début 25/11/2014		17. Aircraft Flying Hours <i>Heures de vols</i> 636H38
18. Aircraft Cycles Cycles 517						
19. Part - 145 A.50 Release to service / <i>Approbation pour remise en service selon la partie 145 A.50</i> <small>Carbone that unless otherwise specified in block 12, the work specified in block 12 and described in block, was accomplished in a accordance with Part 145 and is reported to that work the aircraft was returned ready for release to service. Certificate was, and the aircraft was, approved for use on 12. The person identified in case 12 is also the person who issued the certificate of approval. The person who issued the certificate of approval is responsible for the satisfactory performance of the work. The person who issued the certificate of approval is also the person who issued the certificate of approval. The person who issued the certificate of approval is also the person who issued the certificate of approval.</small>						
20. Authorised Signature / <i>Signature</i> 		21. Certificate Approval Ref. No <i>N° de certificat / d'agrément</i> n° FRA 145-081 n° XSO Y114Y n° FRA-145-0315		22. Name / <i>Nom</i> CAPDEVIELLE C.		23. Date (dd/mm/yy) / <i>time</i> <i>Date (jj/mm/aa) / heures</i> 08/12/2014 14H00
						24. Location / <i>Lieu</i> LFBT

Formulaire ref : CRS-Partie 145 édition 2

Inspection, Compressor Wash performed, ok



DAHER

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1. Approving competent Authority / Country <b>Autorité compétente / Pays</b> DIRECTION GENERALE DE L'AVIATION CIVILE France		2. AIRCRAFT CERTIFICATE OF RELEASE TO SERVICE <i>Certificat d'approbation pour remise en service aéronaf</i>			3. Form Tracking Number <i>N° de repère du Formulaire</i> RT 143-16	
4. Approved Organisation Name and Address / <i>Nom et adresse de l'Organisme Agréé</i> SOCATA sas Aéroport Tarbes Lourdes Pyrénées 65291 TARBES CEDEX 9				5. Work Order / Contract / Invoice <i>Bon de commande / Contrat / Facture</i> WO-1-16-TBM		
6. Model Type TBM	7. Registration Immatriculation N856MF	8. A/C Serial Number Numéro de Série 421	9. Engine Serial Number N° série des Moteurs SN 1 : RV0079 SN 2 : SN 3 : SN 4 :	10. APU serial number N° série du Groupe auxiliaire SN : .....	11. Operator <i>Exploitant</i> Mr MATTHEW FLINN	
12. Status - Work performed / <i>Etat - Travaux effectués</i> A* Inspection performed - Prebuy inspection performed - Borescope inspection carried out see Borescope Inspection Report N° ST310333 - 100 Hour Type inspection was performed to determine Airworthiness for the preparation for Issuance of a US Standard Airworthiness Certificate 14 CFR 21.183 ATC Transponder test carried out law FAR 91.413 - Altimeter system test carried out law FAR 91.411 - ELT test carried out law FAR 91.207 Internal External placards reviewed and found to meet the US English requirements - Registration markings applied to 14 CFR 45.29 Transponder / ELT recoding performed to FAA Hex code For details works see Work package RT 143-16 Flight test : 3 Flights / 3H50 / 3 Ldgs						
13. Remarks / <i>Remarques</i> Works reported : No						
14. Approved Maintenance Program / <i>Programme d'Entretien Approuvé</i> ZOO DMAMMPXEER45 Amendement / Révision 0 / 45		15. Work pack Reference / <i>Ref. du dossier de visite</i> RT 143-16		16. Date of performance / <i>Date des travaux</i> Beginning / Début 02/05/2016		17. Aircraft Flying Hours <i>Heures de vols</i> 690H04
18. Aircraft Cycles Cycles 583						
19. Part - 145 A.50 Release to service / <i>Approbation pour remise en service selon la partie 145 A.50</i> <small>Carbone that unless otherwise specified in block 12, the work specified in block 12 and described in block, was accomplished in a accordance with Part 145 and is reported to that work the aircraft was returned ready for release to service. Certificate was, and the aircraft was, approved for use on 12. The person identified in case 12 is also the person who issued the certificate of approval. The person who issued the certificate of approval is responsible for the satisfactory performance of the work. The person who issued the certificate of approval is also the person who issued the certificate of approval.</small>						
20. Authorised Signature / <i>Signature</i> 		21. Certificate Approval Ref. No <i>N° de certificat / d'agrément</i> n° FRA 145-081 n° XSO Y114Y n° FRA-145-0315		22. Name / <i>Nom</i> CAPDEVIELLE C.		23. Date (dd/mm/yy) / <i>time</i> <i>Date (jj/mm/aa) / heures</i> 22/06/16 at 06.00 PM
						24. Location / <i>Lieu</i> LFBT

Formulaire ref : CRS-Partie 145 édition 2

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
25.11.14	634.80			Visit AT RT 402.14
09.12.2015	675.25			Bt inspection, 100 hrs Engine In
02.5.16	686.14		560	AT Prebuy inspection
				RT 143/16

Signature

AME  
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SCA/AMO

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1. Approving competent Authority / Pays <b>Autorité compétente / Pays DIRECTION GENERALE DE L'AVIATION CIVILE France</b>		2. AIRCRAFT CERTIFICATE OF RELEASE TO SERVICE <i>Certificat d'approbation pour remise en service aéronautique</i>			3. Form Tracking Number <i>N° de repère du Formulaire</i> RTN*445-2012	
4. Approved Organisation Name and Address / Nom et adresse de l'Organisme Agréé <b>SOCATA sas Aéroport Tarbes Lourdes Pyrénées 65291 TARBES CEDEX 9</b>				5. Work Order / Contract / Invoice <i>Bon de commande / Contrat / Facture</i> Work request INTERSKY		
6. Model Type TBM	7. Registration Immatriculation LZ-TBM	8. A/C Serial Number Numéro de Série 421	9. Engine Serial Number N° série des Moteurs SN 1 : RV0079 SN 2 : SN 3 : SN 4 :	10. APU serial number N° série du Groupe auxiliaire SN : .....	11. Operator <i>Exploitant</i> INTERSKY	
12. Status - Work performed / Etat - Travaux effectués 100H inspection performed law MM05-20-02 and Work request INTERSKY ( Hourly inspection and Special checks ) - First stage compressor endoscopic inspection performed and found satisfactory - Capacity test of CONCORDE battery performed and found satisfactory ( 95% ) - Pitch trim adjusted - Air conditioning system checked and found satisfactory Front tire replaced law MM 32-40-02 Removed SN 7061W00253 - Installed SN 2016S00477 - Heating in cabin checked : No default found - Stop crack performed on LH engine cover plate - O ring and wiper ring replaced on LH brake assy - Pressure plate, backplate sub assy, and discs replaced on both brakes Adjustment of roller of steering on the nose landing gear performed law MM 32-50-00-501 - Tension of alternator belt adjusted law MM 24-30-05-502 ELT ME-406 battery replaced and test performed : Now validly February 2020 - Replacement of wire of rear RH headset - Painting touch performed on propeller MOD 70-09-25 * Cabin heated air deflector * applied - Both main lines replaced law MM 32-40-01-402 SB70-053H2 CW - SB70118 Paragraph C CW Works reported : yes-no / Travaux différés : oui - non See Hold items list attached						
13. Remarks / Remarques						
14. Approved Maintenance Program / Programme d'Entretien Approuvé Z00 DMAMMPXFEOR40 Issue / Edition 0 Amendment / Révision 40 Date / Date juin-11		15. Work pack Reference / Ref. du dossier de visite RTN*445-2012		16. Date of performance / Date des travaux Beginning / Début 26/11/2012 End / Fin 30/11/2012		17. Aircraft Flying Heures de vols 489H29
						18. Aircraft Cycles Cycles 377
19. Part - 145 A 50 Release to service / Approbation pour remise en service selon la partie 145 A.50 <small>Conformément aux exigences de la partie 145 A.50, le vol autorisé à l'émission de ce certificat est limité à 145 heures de vol et 145 cycles de vol. Toute demande de prolongation de la validité de ce certificat doit être soumise à l'organisme agréé. Toute demande de prolongation de la validité de ce certificat doit être soumise à l'organisme agréé. Toute demande de prolongation de la validité de ce certificat doit être soumise à l'organisme agréé.</small>						
20. Authorized Signature / Signature 		21. Certificate Approval Ref. No N° de certificat / d'agrément FR 145 - 081 XS0 Y114Y		22. Name / Nom MONLOR Didier		23. Date (dd/mm/yy) / time Date (jj/mm/aa) / heures 30/11/2012 à 12H00
						24. Location / Lieu TLP

Formulaire ref : CRS-Partie 145 édition 2

DAHER-SOCATA

SOCATA

Document de rattachement : MOE  
Référence : F0167 Ind C

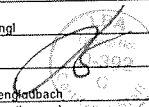

Page 1/1

1. Approving competent Authority / Pays <b>Autorité compétente / Pays DIRECTION GENERALE DE L'AVIATION CIVILE France</b>		2. AIRCRAFT CERTIFICATE OF RELEASE TO SERVICE <i>Certificat d'approbation pour remise en service aéronautique</i>			3. Form Tracking Number <i>N° de repère du Formulaire</i> RT338-2013	
4. Approved Organisation Name and Address / Nom et adresse de l'Organisme Agréé <b>SOCATA sas Aéroport Tarbes Lourdes Pyrénées 65291 TARBES CEDEX 9</b>				5. Work Order / Contract / Invoice <i>Bon de commande / Contrat / Facture</i> Work Request Form INTERSKY		
6. Model Type TBM 700	7. Registration Immatriculation LZ-TBM	8. A/C Serial Number Numéro de Série 421	9. Engine Serial Number N° série des Moteurs SN 1 : RV0079 SN 2 : SN 3 : SN 4 :	10. APU serial number N° série du Groupe auxiliaire SN : .....	11. Operator <i>Exploitant</i> PRIMA FINANCE EAD	
12. Status - Work performed / Etat - Travaux effectués C' inspection performed law New Maintenance Program - First stage compressor endoscopic inspection carried out : Found 1 nick acceptable law MM PWC 72-30-05 Check of alternator brushes performed - Check of starter generator brushes performed - Fuel unit filter replaced - Overhaul of crew oxygen masks SN 2403 and 2406 performed - Propeller SN H12932 Overhauled - Air vent duct of pilot door replaced - THQ adjusted - Both lanyards of fuel filler caps replaced - Caps of horizontal stabilizer replaced EHSI ED 461 replaced law MM 34-28-01 - Removed SN ED461-2543 - Installed SN ED461-2544 - KMH 620 replaced law MM 34-45-01 - Removed SN 1940 - Installed SN 2977 RH main line replaced law MM 32-40-01 - Front landing gear actuator replaced for leak law MM 32-39-02 - Removed SN 65 - Installed SN 11017 - Ground power support replaced - Alternator belt replaced law MM 21-30-05 - Seal of main door replaced - Fuel leak on door N° 653 repaired by installation of silicon gasket - Air vent duct of LH windshield replaced Tension of rudder cable adjusted - RH flap mounting base replaced near internal fitting - Rod end assy of RH spoiler replaced - Gas shut of rear cargo compartment door replaced Analysis of SHADH Key performed and found satisfactory - EU 2013 0104R1 (SB 70116R1) Paragraph 1 CW - AD 2013-0227 CW - SB 70132 CW - SB 70197 CW - SB 70207 CW Flight test : 2 Flight / 2 H05 / 2 Lgds Flight test carried out law manufacturer's specifications. Aircraft exhibits normal flight characteristics						
13. Remarks / Remarques						
14. Approved Maintenance Program / Programme d'Entretien Approuvé Z00 DMAMMPXFEOR43 Issue / Edition 0 Amendment / Révision 43 Date / Date juin-13		15. Work pack Reference / Ref. du dossier de visite RT338-2013		16. Date of performance / Date des travaux Beginning / Début 30/09/2013 End / Fin 04/12/2013		17. Aircraft Flying Heures de vols 574H16
						18. Aircraft Cycles Cycles 458
19. Part - 145 A 50 Release to service / Approbation pour remise en service selon la partie 145 A.50 <small>Conformément aux exigences de la partie 145 A.50, le vol autorisé à l'émission de ce certificat est limité à 145 heures de vol et 145 cycles de vol. Toute demande de prolongation de la validité de ce certificat doit être soumise à l'organisme agréé. Toute demande de prolongation de la validité de ce certificat doit être soumise à l'organisme agréé. Toute demande de prolongation de la validité de ce certificat doit être soumise à l'organisme agréé.</small>						
20. Authorized Signature / Signature 		21. Certificate Approval Ref. No N° de certificat / d'agrément FR 145 - 081 XS0 Y114Y		22. Name / Nom MONLOR Didier		23. Date (dd/mm/yy) / time Date (jj/mm/aa) / heures 04/12/13 à 11H30
						24. Location / Lieu LFBT

Formulaire ref : CRS-Partie 145 édition 2



# Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task									
08. Juni 2012	411.1 HRS			<div style="text-align: right; border: 1px solid black; padding: 2px;"> <b>RAS</b>  <small>REPAIR AND SERVICE</small> </div> <p><b>Part 145.A.50 Certificate of Release to Service</b> Freigabebescheinigung</p> <p>Approved Maintenance Organisation Name: Bezeichnung des genehmigten Instandhaltungsbetriebes: Rheinland Air Service GmbH Flughafenstr. 31, 41068 Mönchengladbach, Germany; Tel.: +49 (0)2161 9948 100 Maintenance Organisation Approval Reference No.: DE.145.0048 Referenz-Nr. der Genehmigung als Wartungsbetrieb:</p> <p>Certificate of release to service in accordance with Part 145.A.50 Freigabebescheinigung gemäß Teil 145.A.50</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Manufacturer: Hersteller:</td> <td>Type: Muster:</td> <td>Ser. No.: Werk-Nr.:</td> </tr> <tr> <td>Daher-Socata</td> <td>TBM700N</td> <td>421</td> </tr> <tr> <td>A/C total hrs: 411.1</td> <td>A/C total ldgs: 411</td> <td></td> </tr> </table> <p>Has been maintained as specified in Work Order: Wurde gemäß Arbeitsauftrag <b>400355</b> instandgehalten.</p> <p>Brief description of work performed: Kurze Angaben zu den durchgeführten Arbeiten</p> <p>Performed 100-hrs.-inspection i. a. w. Socata Maintenance Manual and Special Inspection Items i. a. w. Socata special Inspection Check-List and CAMO-listing issued by CAMO BG.MG.0224 dated 25.05.2012.</p> <p>Performed repairs i. a. w. Discrepancy Report RAS W/O 400355.</p> <p>Deferred Maintenance: Zurückgestellte Wartungsarbeiten:</p> <p>None.</p> <p>Certifies that the work specified was carried out in accordance with Part 145 and in respect to that work the aircraft is considered ready for release to service. Es wird bestätigt, dass die angegebenen Arbeiten gemäß Teil 145 ausgeführt wurden und für das Luftfahrzeug in Bezug auf diese Arbeiten die Freigabe erteilt wurde.</p> <p>Certifying Staff: Freigabeberechtigtes Personal: <b>M. Springl</b></p> <p>Signature: Unterschrift: </p> <p>Location: Ort: <b>Mönchengladbach</b></p> <p>Date: Datum: 08.06.2012 (day, month, year) (Tag, Monat, Jahr)</p>	Manufacturer: Hersteller:	Type: Muster:	Ser. No.: Werk-Nr.:	Daher-Socata	TBM700N	421	A/C total hrs: 411.1	A/C total ldgs: 411	
Manufacturer: Hersteller:	Type: Muster:	Ser. No.: Werk-Nr.:											
Daher-Socata	TBM700N	421											
A/C total hrs: 411.1	A/C total ldgs: 411												
26.11.2012	489.40												
30.9.2013	567.30			C+ Inspection RTN# 338 2013									
	572.20												

Signature

AME  
ACA/AMO  
SCA/AMO

RT N° 98/08

Appareil visité le : 07/04/08 à 194 HT 12  
 Suivant programme de 100 heures  
 Etabli par : SOCATA  
 Prochaine visite type : 100 à 194 HT 12  
 Approbation Pour la Remise en Service : APRS  
 Atteste que les travaux spécifiés, sauf exception mentionnés, ont été  
 effectués en conformité avec la PART 145 A 50 et que dans le cadre de  
 ces travaux, l'aéronef est considéré comme apte à être remis en service.  
 Nom : GONZALEZ poinçon : [Signature] [Stamp: 194/33]  
 Date : 07/04/08 heure : 13h55 lieu : TLP  
 EADS SOCATA - Agrément Entretien N° FR.145.081

RT N° 224/08

Appareil visité le : 07/01/08 à 165 HT 50  
 Suivant programme de 1002/CA  
 Etabli par : SOCATA  
 Prochaine visite type : 300h à 265 HT 50  
 Approbation Pour la Remise en Service : APRS  
 Atteste que les travaux spécifiés, sauf exception mentionnés, ont été  
 effectués en conformité avec la PART 145 A 50 et que dans le cadre de  
 ces travaux, l'aéronef est considéré comme apte à être remis en service.  
 Nom : GONZALEZ poinçon : [Signature] [Stamp: 194/33]  
 Date : 07/01/08 heure : 9h00 lieu : TLP  
 EADS SOCATA - Agrément Entretien N° FR.145.081

RTN° 91/10

Approbation Pour la Remise en Service : APRS  
 Nom : CONTRAIRES JM poinçon : [Signature] [Stamp: 241]  
 "Atteste que les travaux spécifiés, sauf exception mentionnés, ont été  
 exécutés en conformité avec la PART 145 A 50 et que dans le cadre de  
 ces travaux, l'aéronef est considéré comme apte à être remis en service".  
 le : 30.6.10 heure : 16h00 lieu : TLP  
 SOCATA S.A.S. - Agrément Entretien N° FR.145.081

Next inspection: 300H at 292.40

Part 145 A.50 Certificate of Release to Service  
 Freigabebescheinigung

Deferred Maintenance:  
 Zurückgestellte Wartungsarbeiten:

See Discrepancy Report RAS W/O 300274. Deferred maintenance accepted by Mr. Hristo Hristov, Executive Director Intersky.

Certifies that the work specified was carried out in accordance with Part 145 and in respect to that work the aircraft is considered ready for release to service.  
 Es wird bestätigt, dass die angegebenen Arbeiten gemäß Teil 145 ausgeführt wurden und für das Luftfahrzeug in Bezug auf diese Arbeiten die Freigabe erteilt wurde.

Certifying Staff:  
 Freigabeberechtigtes Personal: M. Springl

Signature:  
 Unterschrift: [Signature]

Location:  
 Ort: Mönchengladbach

Date:  
 Datum: 13.05.2011 (day, month, year) (Tag, Monat, Jahr)

[Stamp: LBA License No. D-392]

Rheinland-Service GmbH  
 EASA  
 145-0048

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
Au 07.4.08	94 <sup>12</sup> <sub>-</sub>	-		
Au 27.10.08	165 <sup>50</sup> <sub>-</sub>	-	146	

Signature

AME  
ACA/AMO  
SCA/AMO

This Gas Generator module is combined with  
Power Section.

S/N: PS- RV0079

NG/NO 34500 RPM, at 850 SHP / δV0

ITT Trim: 12.8 C°

T5 Trim resistance: 80.8 Ohms

R. J. DAVIES

022

*R. J. Davies*



T.C. 4-58  
NO. 004

REPLACED PER SB 14411 INSTRUCTIONS  
OF AIR WORTHINESS.

*Christian Perie*



T.C. 4-58  
NO. 073

RT N° 258 / 07

Approbation Pour la Remise en Service : APRS

Nom : CONTRAIRES JM poinçon : *[Signature]*




"Atteste que les travaux spécifiés, sauf exception mentionnés, ont été  
exécutés en conformité avec la PART 145 A.119.2 qui, dans le cadre de  
ces travaux, l'aéronef est considéré comme apte à être remis en service"

le : 13.12.07 heure : 17<sup>30</sup> lieu : TLP

EADS.SOCATA - Agrément Entretien N° FR.145.001

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
24 JUN 2007	0.0	0.0	0	New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.
/				
09 OCT. 2007	4H5 MIN	N/A	4	FCU CONNECTOR ROD BOLT R AND APPLICABLE STANDARDS
01 octobre 2007	1 <sup>h</sup> 35	0.0	1	Vol d'essai constructeur
03 oct 2007	2 <sup>h</sup> 30	0.0	2	Vol d'essai constructeur
04 oct 2007	3 <sup>h</sup> 20	0.0	3	Vol d'essai constructeur
08 oct 2007	4 <sup>h</sup> 05	0.0	4	Vol d'essai constructeur
09 oct 2007	4 <sup>h</sup> 45	0.0	5	Vol d'essai constructeur
10 oct 2007	5 <sup>h</sup> 25	0.0	6	Vol d'essai constructeur
11 oct 2007	6 <sup>h</sup> 00	0.0	7	Vol d'essai constructeur
11 oct 2007	6 <sup>h</sup> 15	0.0	8	Vol d'essai constructeur
15 oct 2007	7 <sup>h</sup> 00	0.0	9	Vol d'essai constructeur
<p>Arrêté présent livret à la SOCATA le 15/10/07 au total de 7<sup>h</sup>00 Visa du Département Qualité</p>				
				
13.12.07	27 <sup>20</sup>			