



Transport
Canada

Transports
Canada

TP 14182
(Revised 05/2005)

Engine Logbook

GAS GENERATOR MODULE LOG BOOK

TP 1401185



05/2005

Canada

ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.
2. Type/Model/Series E.T.C. E- 21 PT6E- 66XT B/S: 1429
3. Serial Number PCE- HT0103

Other related Transport Canada Publications:
TP 14089B
TP 14058E/F

Previous Edition:
TP 3910E, 2nd Edition (Jan. 1987)
TP 14182E (Dec. 2003)

Printed in Canada.

Please direct your comments, orders and inquiries to:

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Place de Ville,
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TP 14182E
(05/2005)
TC-1001185
Catalogue No. T52-4/2-2003E

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task	Signature	AME ACA/AMO SCA/AMO
09 SEP 2023	0.0	N/A	0	New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.		
				This Gas Generator module is combined with Power Section. S/N: PS- <u>HT0103</u> NG/NO <u>34092</u> RPM, at <u>895</u> SHP/δVθ ITT Trim: <u>26.7</u> C° <u>105.7</u> ΔT44		
				B. HORVATH 822 <i>[Signature]</i> T.C. 4-58 NO. 022		
27 OCT 2023	1435	0.0	1	Vol d'essai construction		
06 NOV 2023	3400	0.0	2			
07 NOV 2023	4405	0.0	3			
07 NOV 2023	5415	0.0	4			
Arrêté présent livret à la Cie DAHER le <u>11/11/23</u> au total de <u>5415</u> Visa du Département Qualité <i>[Signature]</i>				Cie DAHER - DEPARTEMENT QUALITE VERIFICATION et ENTRETIEN STOCKAGE DAHER COMPAGNIE DAHER Agrément de Production FR - 21G - 0018 <i>[Signature]</i>		
				TBM DAHER Muncie Aviation Company An Employee Owned Company Piper		
					Reg. Mark <u>N11LM</u> Hobbs <u>25.1</u> Make <u>P&WC</u> Model <u>PT6E-66XT</u> S/N <u>HT0103</u> A/C TT <u>25.1</u> Cycles <u>11</u>	
				1. Complied with PWC SB 77019. Replacement of chip detector plug. Replaced AGB and RGB chip detectors and valves with new, Detector p/n 3137661, RGB s/n ABAADW0302, AGB s/n ABAADW0303. Valve p/n 3137662, RGB s/n ABAADU0170, AGB s/n ABAADU0227 using new orings. Ref Pratt wo 4354149/4354377. Updated DCTU LRU with new p/n's and s/n's. Accomplished IAW PWC SB 77019 and MM CH 79-30-00.		
				The article has been repaired and inspected in accordance with the current FAA Regulations and was determined to be airworthy with respect to the maintenance, preventative maintenance or alterations performed. Details are on file at this C.R.S. under Work Order No. <u>S-23-3036</u> Date <u>11/11/2023</u> Signed <i>[Signature]</i> Inspector for Muncie Aviation Company. CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141.		



Muncie Aviation Company
An Employee Owned Company

Reg. Mark	Hobbs	Make	Model	S/N	A/C TT	ETT	Cycles
N11LM	106.8	P&WC	PT6E-66XT	HT0103	106.8	106.8	64

1. Completed First 100 hour inspection IAW Daher MM CH 5-20-00.
2. Performed compressor wash. Ref PWC MM CH 71-00-00.
3. Complied with P&WC SB 77013R1. Inspection of ignition cable assembly. No defects noted.
4. Operational and leak check of above items found to be satisfactory.

I certify that this Engine has been inspected in accordance with a 1ST 100 Hour Inspection and was determined to be in airworthy condition. The aircraft/component identified above was repaired and inspected in accordance with current regulations of Federal Aviation Agency, approved for return to service.
Details for the repair/inspection are on file at this C.R.S under Shop Order No. S-23-3103
Date: 1/5/2024 Signed: [Signature] Inspector for Muncie Aviation Company
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141



Reg. Mark	Hobbs	Make	Model	SN	ACTT	ETT	Cycles
N11LM	304.6	P&WC	PT6E-66XT	HT0103	304.6	304.6	168

1. Completed an Annual/A+ inspection IAW Daher MM CH 5-20-00.
2. Complied with all applicable 1-year special inspection requirements IAW Daher Special Inspection Checklist.
3. Performed compressor wash and T-wheel rinse.
4. Complied with 1 year/300 hour Engine minor inspections. No defects noted.
5. Complied with 1 year/600 hour Engine inspections. No defects noted.
6. Complied with 400 hour fuel manifold adapters inspection. Removed and reinstalled nozzles after inspection by Standard Aero, using new orings and gaskets, torqued and safetied. Ref. P&WC MM CH 73-10-03. Ref Standard Aero wo RPR57298.
7. Complied with 400 hour hot section borescope inspection. No defects noted.
8. Operational and leak check of above items good.

See AD list dated 10/23/2024 for details.
I certify that this Engine has been inspected in accordance with an Annual/A+ Inspection and was determined to be in airworthy condition. The aircraft/component identified above was repaired and inspected in accordance with current regulations of Federal Aviation Agency, approved for return to service. Details for the repair/inspection are on file at this C.R.S under Shop Order No. S-24-3597 Date 11/4/2024
Signed: [Signature] Inspector for Muncie Aviation Company CRS# AJVR135C, Muncie, Indiana 47303. 765-289-7141



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Reg. Mark	Hobbs	Make	Model	S/N	A/C TT	ETT
N11LM	175.9	P&WC	PT6E-66XT	PCE-HT0103	175.9	175.9

1. Installed Repaired PCU P/N 3135108-01, S/N WDA145684 Ref Woodward WO 3868830 using new gasket PN 3131743-01. Updated DCTU LRU as required. Grd run, calibrated beta feedback sensor. Op's and leak checks good. Ref CH. 61-20-01 PT6E-66XT MM.

The article has been repaired and inspected in accordance with the current FAA Regulations and was determined to be airworthy with respect to the maintenance, preventative maintenance or alterations performed.
Details are on file at this C.R.S. under Work Order No. S-24-3311
Date: 4/24/2024 Signed: [Signature] Inspector for Muncie Aviation Company.
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141.



Reg. Mark	Hobbs	Make	Model	SN	ACTT	ETT	Cycles
N11LM	458.3	P&WC	PT6E-66XT	HT0103	458.3	458.3	253

1. Completed an Annual/B+ inspection IAW Daher MM CH 5-20-00.
2. Complied with all applicable 1-year special inspection requirements IAW Daher Special Inspection Checklist.
3. Performed compressor wash and T-wheel rinse.
4. Complied with 1 year/300 hour Engine minor inspections. No defects noted.
5. Complied with 1 year/600 hour Engine inspections. No defects noted.
6. Performed P&WC Oil Analysis Technology (OilAT) procedure for ESP program. Sample s/n 466145.
7. Operational and leak check of above items good.

See AD list dated 10/29/2025 for details.
I certify that this Engine has been inspected in accordance with an Annual/B+ Inspection and was determined to be in airworthy condition. The aircraft/component identified above was repaired and inspected in accordance with current regulations of Federal Aviation Agency, approved for return to service. Details for the repair/inspection are on file at this C.R.S under Shop Order No. S-25-4087 Date 11/6/2025
Signed: [Signature] Inspector for Muncie Aviation Company CRS# AJVR135C, Muncie, Indiana 47303. 765-289-7141



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Reg. Mark	Hobbs	Make	Model	S/N	A/C TT	ETT
N11LM	130.4	P&WC	PT6E-66XT	PCE-HT0103	130.4	130.4

1. Complied with AD 2024-04-51 Failure of second-stage power turbine (PT2) blades. Logbook research revealed AD is not applicable by second-stage power turbine (PT2) blades serial numbers. Blade serial numbers are not in the affected range. Ref P&WC SB A14574 Table 1. No further action required.

The article has been repaired and inspected in accordance with the current FAA Regulations and was determined to be airworthy with respect to the maintenance, preventative maintenance or alterations performed.
Details are on file at this C.R.S. under Work Order No. S-24-3192
Date: 2/20/2024 Signed: [Signature] Inspector for Muncie Aviation Company.
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141.



Reg. Mark	Hobbs	Make	Model	SN	ACTT
N11LM	528.5	P&WC	PT6E-66XT	HT0103	528.5

1. Performed compressor wash and turbine wheel rinse. Operational and leak check good. Ref PWC MM CH. 71-00-00.
- The article has been repaired and inspected in accordance with the current FAA Regulations and was determined to be airworthy with respect to the maintenance, preventative maintenance or alterations performed. Details are on file at this C.R.S. under Work Order No. S-25-4138
Date: 5/15/2026 Signed: [Signature] Inspector for Muncie Aviation Company. CRS# AJVR135C, Muncie, Indiana 47303. 765-289-7141.



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TP 14182
(Revised 05/2005)

Engine Logbook

POWER SECTION MODULE LOG BOOK

TC-1001185



05/2005

Canada

Volume #: 1
Opened on: 09 SEP 2023

ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.
2. Type/Model/Series E.T.C. E- 21 PT6E- 66XT B/S: 1429
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(05/2005)
TC-1001185
Catalogue No. T52-4/2-2003E

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
09 SEP 2023	0.0	N/A	0	New engine final acceptance test completed satisfactorily and is in condition for safe operation.
27 OCT 2023	1 ^H 35	0	0	Vol d'essai constructeur
06 NOV 2023	3 ^H 00	0	1	
07 NOV 2023	4 ^H 05	0	2	
07 NOV 2023	5 ^H 15	0	3	
			4	
Arrêté présent livret à la Cie DAHER				
le 11/11/23	au total de		5 ^H 15	
Visa du Département Qualité				



TBMT



<u>Reg. Mark</u>	<u>Hobbs</u>	<u>Make</u>	<u>Model</u>	<u>S/N</u>	<u>A/C TT</u>	<u>Cycles</u>
N11LM	25.1	P&WC	PT6E-66XT	HT0103	25.1	11

- The article has been repaired and inspected in accordance with the current FAA Regulations and was determined to be airworthy with respect to the maintenance, preventative maintenance or alterations performed. Details are on file at this C.R.S. under Work Order No. S-23-3036
Date 11/11/2023 Signed [Signature] Inspector for Muncie Aviation Company.
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141.