



Transport
Canada

Transports
Canada

TP 14182
(Revised 05/2005)

Engine Logbook

GAS GENERATOR MODULE LOG BOOK

TC-1001185



05/2005

Canada 

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
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SkyWerx Aviation, Inc.
2785 Hwy 133, Suite H
Blair Nebraska 68008
402-533-2247

Make: 2022 Air Tractor
Model: AT-602
Tail: N622AW
S/N: 602-1343

Hours: Hobbs 465, ETT 465

ENGINE LOG, PT6A -65AG, S/N PCE-PN0531
Perform a 100 hr/annual inspection per FAR 43 Appd d, remove engine panels, clean firewall fuel screen, clean Inlet fuel filter, changed outlet fuel filter, clean oil screen, check P3 filter, check chip detectors, changed air filter BA-413E, inspect engine mount, inspect wires, check exhaust stacks, grease propeller with NYCO GN3058, run-up and cowl engine.

I certify that this ENGINE has been inspected in accordance with a 100 hr/annual Inspection and was determined to be in Airworthy condition,

Signed: 
Name: Doug Pollock

Cert: AP 2827617 IA
Date: 12/11/2023

SkyWerx Aviation, Inc.
2785 Hwy 133, Suite H
Blair Nebraska 68008
402-533-2247


Make: Air Tractor (e)
Model: AT-602
Tail: N622AW
S/N: 602-1343

Hours: HOBBS 628, ATT 628, ETT 628

ENGINE LOG, PT6A-65AG, S/N PCR-PN0531, ETT 628

Perform an 100 Hour inspection per FAR 43, removed panels and covers, cleaned oil screen, clean firewall fuel screen, service oil, run-up and cowl. greased propeller.

I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and was determined to be in airworthy condition.

Signed: 
Name: Doug Pollock

Cert: AP 2827617 IA
Date: 06/18/2024

SkyWerx Aviation, Inc.
2785 Hwy 133, Suite H
Blair Nebraska 68008
402-533-2247

Make: Air Tractor (e)
Model: AT-602
Tail: N622AW
S/N: 602-1343

Hours: Hobbs 649, ETT 649.

ENGINE LOG ENTRY

Removed engine panels, removed fuel nozzles, installed an cleaned and inspected set of fuel nozzles, work done by Covington Aircraft under work order 0220229123, with new seals and gaskets, run-up "OK" cowl engine. aircraft returned to service.

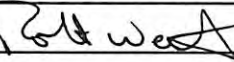
Signed: 
Name: Doug Pollock

Cert: AP 2827617 IA
Date: 07/02/2024

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task	Signature	AME ACA/AMO SCA/AMO
03 OCT 2022	0.0	N/A	0	New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.	R. WEISTRA	

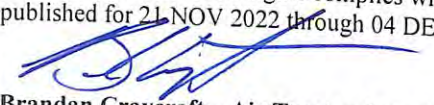
This Gas Generator module is combined with Power Section.
 S/N: PS- PN0531
 NG/10 36500 RPM, at 1173 SHP/δ10
 ITT Trim: 0.0 C°
 T5 Trim resistance: ∞ Ohms


1119  T.C. 4-58 NO. 123

*Air Tractor Inc., 1524 Leland Snow Way, P.O. Box 485, Olney, Texas 76374
 FAA Production Approval Holder PC 2SW*

Date 16 DEC 2022		Engine Model PT6A-65AG		Engine Serial Number PCE-PN0531	
Engine - Time Run 1.0 Hours	Engine - TTSN 1.0 Hours	Engine - Flights 3	Engine - Starts 1	Engine - TSOH N/A	
Aircraft Make Air Tractor	Aircraft Model AT-602	A/C Serial Number 602-1343	A/C Registration N622AW	Aircraft - TT 1.0 Hours	
Engine Performance		Torque	Fuel Flow	NG	ITT
OAT: 16° C BARO: 30.50		Baseline 3177 ft-lbs.	98.2 gph	100.9 %	771° C
		Actual N/A	89 gph	96.4 %	710° C

This engine installed, serviced with **Eastman Turbo Oil 2380** (refer to manufacturer instructions prior to changing oil type or brands), ground run, leak checked and found to operate satisfactory. The aircraft was test flown in accordance with Air Tractor, Inc. QCPM Section 7: Inspection and Testing, Production Flight Test Procedures and Flight Test Form 1006, Revision Orig., dated 01 NOV 2011. This engine was found to operate satisfactory and is in condition for safe operation. This engine complies with all applicable Airworthiness Directives through Biweekly AD 2022-25, published for 21 NOV 2022 through 04 DEC 2022.


 Brandon Craycraft - Air Tractor, Inc. PC-2SW

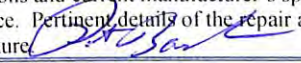


FAA Approved Repair Station No. CP2R750K EASA Approved
 Pratt & Whitney Canada Designated Overhaul Facility
 201 E Airport Rd. Okmulgee, Ok. 74447 Ph: 918-756-7862 Fax: 918-756-3424

Date: June 30, 2023	Tach/Hobbs: 186.6	Engine Model: PT6A-65AG	Engine S/N: PCE-PN0531	Acft. Reg. No: N622AW
Eng. Total Time: 186.6	TSOH: N/A	Eng Total Cycles: Ref SB 13202R6	Starts: 118 Flights: Info not given	Acft. Mod/Ser No: AT602-1343

Received PT6A-65AG ESN PCE-PN0531 as installed on Air Tractor 602-1343 for a 100 Hour inspection and fuel nozzles. Inspected 1st. stg. Compressor blades for F.O.D. none found. Inspected the Oil filter, Chip detectors, firewall fuel filter, P-3 Filter, inlet fuel filter for debris, none found. Installed new outlet fuel filter. Inspected Starter generator splines for wear, none found. Inspected PT Blades for damage, none found. Inspected batteries. Removed fuel nozzles for servicing. Cleaned, flow tested and leak checked. Reinstalled fuel nozzle assemblies and safetied. Serviced Prop with NYCO GN3058 Grease. Serviced engine with 2380 Turbo Oil. Performed performance run and leak check with satisfactory results. All work performed in accordance with the manufacture's manuals and other data acceptable to the administrator.

MAINTENANCE RELEASE: This certifies that the work specified above was carried out in accordance with Federal Aviation Regulations and current manufacturer's specifications. In respect to the work performed, the engine/component is approved for return to service. Pertinent details of the repair are on file at this repair station under **Work Order No: 0220227463**

Authorized Signature:  Date: June 30, 2023 COVT056 (Rev0 06-99)

Volume #: 1

Opened on: 03 OCT 2022

ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.
2. Type/Model/Series E.T.C. E- 12 PT6A- 65AG B/S: 1102
3. Serial Number PCE- PN0531