



Transport
Canada

Transports
Canada

TP 14182
(Revised 05/2005)

Engine Logbook

GAS GENERATOR MODULE LOG BOOK

TC-1001185



05/2005

Canada

the national regulations by the user/installer before the aircraft may be flown.

NSN: 0052-00-012-9005

Volume #: 1

Opened on: 15 MAR 2014

ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.

2. Type/Model/Series E.T.C. E- 12 PT6A- 65A6 B/S: 1102

3. Serial Number PCE- PNO 209

Details of task

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

FAA Form 8110-2 (10-68) Page 1 of 2

Signature

AME
ACA/AMO
SCA/AMO

This Gas Generator module is combined with
Power Section.

S/N: PS- PN0209

NG/NO 36550 RPM, at 1273 SHP /8✓0

ITT Trim: 0.4 C°

T5 Trim resistance: ∞ Ohms

K. PIVDOR

Air Tractor, Inc. [REDACTED], Olney, Texas 76374

FAA Production Approval Holder [REDACTED]

Date		Engine Model	Engine Serial Number		
April 18, 2014		PT6A-65AG	PCE-PN0209		
Engine – TSN		Engine – Flights	Engine - Starts		Engine – TSO
0		0	0		N/A
Aircraft Make	Aircraft Model	Aircraft Serial Number	Aircraft - Registration		Aircraft - Total Time
Air Tractor	AT-602	602-1245	N602NY		0.0 Hour

This engine has been modified in accordance with Supplemental Type Certificate SE8652SW by installation of a flexible hose from the Propeller Primary Governor to the Fuel Control Unit in accordance with Snow Engineering Company Drawing 51654 and Drawing 51653.

David Cowan - Air Tractor, Inc. [REDACTED]

Date			Engine Model		Engine Serial Number						
May 1, 2014			PT6A-65AG		PCE-PN0209						
Engine – Time Run		Engine – TTSN		Engine - Flights		Engine - Starts		Engine – TSOH			
1.0 Hours		1.0 Hours		2		1		N/A			
Aircraft Make		Aircraft Model		A/C Serial Number		A/C Registration		Aircraft - TT			
Air Tractor		AT-602		602-1245		N602NY		1.0 Hours			
Engine Performance				Torque		Fuel Flow		NG		ITT	
OAT: 26° C BARO: 29.72 Baseline				3150 ft-lbs		95 gph		102 %		805° C	
Actual				3150 ft-lbs		90 gph		98.5 %		730° C	

This engine installed, 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 11/1/11. 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 2014-08, published for April 7, 2014 through April 20, 2014.

David Cowan - Air Tractor, Inc. [REDACTED]

Section 1: Record of engine maintenance and elementary work

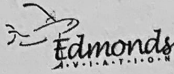
Details of task

Date

ENGINE MODEL (#1):
ENGINE S/N (#1):
REG. NO: N602NY
WORK ORDER:
0660-05-2016

Searcy, AR 72143
Phone: [REDACTED]

DATE: 5/17/2016
Airframe TT: 480
ENG TT (#1): 100480
ENG TC (#1):
HOBBS: 480



Engine #1 Entries

(2) C/W Annual/100HR Inspection I.A.W. Maintenance Manual and 14 CFR Part 43 Appendix "D" Checklist

Maintenance Release

I certify this engine has been inspected IAW an ANNUAL INSPECTION and is determined to be in airworthy condition at this time. Pertinent details of the repair are on file at this maintenance facility under Work Order No. 0660-05-2016, Dated 5/17/2016.

DATE: 5/17/2016

SIGNED:

David Edmonds, IA: [REDACTED]

Work Order: 0660-05-2016

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ENGINE MODEL (#1):
ENGINE S/N (#1):
REG. NO: N602NY
WORK ORDER:
0999-06-2018



Searcy, AR 72143
Phone: [REDACTED]

DATE: 6/22/2018
Airframe TT: 1244.4
ENG TT (#1): 1244.4
ENG TC (#1):
HOBBS: 1244.4

Engine #1 Entries

(2) C/W Annual/100Hr Inspection IAW P&W PT6A-65AG MM Chapter 72-00-00.
(3) C/W Fuel Nozzle cleaning and flow check by removing the engine inlet adapter assembly and fuel nozzle assemblies. Installed inspected/repaired inlet adapter and fuel nozzle assemblies from Heritage Turbines CRS# H11069Y under W/O 18303

Technicians Who Worked On The Items Listed Above:

Anthony McConaughay, Donny Adamson, Jeremy Ball, Jonathan Edmonds, Josh Taylor

Maintenance Release

I certify this engine has been inspected IAW an ANNUAL INSPECTION and is determined to be in airworthy condition at this time. Pertinent details of the repair are on file at this maintenance facility under Work Order No. 0999-06-2018, Dated 6/22/2018.

DATE: 6/22/2018

SIGNED:

David Edmonds, IA: [REDACTED]

Work Order: 0999-06-2018

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AG AIR AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT, CORNING AR



MAKE: AIR TRACTOR	MODEL: AT-602	S/N: 602-1245
N602NY	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0209
HOBBS: 1268.5	TT: 1268.5	DATE: 05/17/2019

-Removed and reinstalled starter generator (s/n: P1304) after overhaul. See FAA form 8130-3 from Aircraft Accessories of Oklahoma W/O#33015 dated May 10, 2019.

-Split engine at C-flange and conducted a hot section inspection. Outer liner (s/n: RWA32E552) and Inner liner (s/n: RWA35E329) were repaired by Turbine Weld. See FAA 8130-3 forms W/O#602NY dated May 10, 2019 and May 15, 2019. Performed localized grinding of CT segments to achieve acceptable CT blade clearance. All other component and clearances acceptable at this time. Remated power section to gas generator case using new sealing ring (p/n: 3075036-01).

-Removed oil filter, cleaned, inspected, and reinstalled filter.

-Removed engine fuel pump inlet filter, inspected, and reinstalled.

-Removed engine fuel pump outlet filter, inspected, and installed new filter.

-Inspected beta block and installed new batteries.

-Installed new engine air inlet filter (p/n: BA-413E).

-Removed igniters, ops checked, and installed new igniters (p/n: CH34055).

-Removed chip detector, inspected, ops checked, and reinstalled.

-Removed fuel nozzle assemblies. Cleaned, inspected, spray checked, and reinstalled using new o-rings and gaskets. All tips spraying properly at this time.

-Removed airframe fuel filter, inspected, cleaned, and reinstalled.

-Complied with Air Tractor SL#361 on reinstallation of airframe fuel filter by replacing both sealing washers.

-Inspected and lubed engine control linkage.

-Serviced oil tank with 4qts. Eastman 2380 turbo oil.

-Inspected and lubed propeller IAW Hartzell Manual.

-Inspection and all work performed IAW P&W Maintenance Manual.

-Engine ground ran, leak checked, and approved for return to service.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND IS IN AIRWORTHY CONDITION.

Aaron Wayne Keahey A&P/IA

AG AIR AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT, CORNING AR



MAKE: AIR TRACTOR	MODEL: AT-602	S/N: 602-1245
N602NY	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0209
HOBBS: 1268.5	TT: 1268.5	DATE: 05/18/2019

-Removed propeller s/n: EVA3354 from Air Tractor 602-1245 N602NY and transported to Stallings Aircraft Propeller for prop strike repairs.

-Removed power section s/n: PS-PN0209 and transported to Covington Aircraft for prop strike repairs.

Aaron Wayne Keahey A&P/IA

AG AIR AIRCRAFT, INC

COMPONENT CYCLES

DATE: May 21, 2019

ENGINE: PT6A-65AG	S/N: PCE-PN0209
TOTAL TIME: 1268.5	HOBBS: 1268.5
TSO: N/A	TSIRAN: N/A

COMPONENT	P/N	S/N	CYCLE LIMIT	CONSUMED CYCLES	REMAINING CYCLES
SHAFT, COMPRESSOR ROTOR	3043092	PKAAA539921	24,000	1481	22,519
ROTOR, COMPRESSOR	307101	EAAD000F520	24,000	1481	22,519
DISK, COMPRESSOR (2 RD STAGE)	3036802	EAAD00H301	24,000	1481	22,519
DISK, COMPRESSOR (3 RD STAGE)	3036803	EAAD000F578	24,000	1481	22,519
DISK, COMPRESSOR (4 TH STAGE)	3036804	EAAD000E381	24,000	1481	22,519
IMPELLER, CENTRIFUGAL	3037204	EAAD000F688	24,000	1481	22,519
DISK, COMPRESSOR TURBINE	3040311	YUAB001A243	15,000	667	14,333
DISK, PT (1 ST STAGE)	3029312	A003E80R	30,000	667	29,333
DISK, PT (2 ND STAGE)	3029313	YUAB001A455	30,000	667	29,333

THE ABOVE CALCULATIONS WERE DIRIVED BASED ON 4HRS. PER START, 3 FLIGHTS PER HOUR, AND IN ACCORDANCE WITH P&WC SB NO. 13202R5

AARON WAYNE KEAHEY

A&P

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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FAA Approved Repair Station No. [REDACTED] EASA Approved
Pratt & Whitney Canada Designated Overhaul Facility
[REDACTED] Okmulgee, Ok. 74447 Ph: [REDACTED] Fax: [REDACTED]

Date: June 18, 2019	Tach/Hobbs: N/A	Engine Model: PT6A-65AG	Engine S/N: PS-PN0209	Acft. Reg. No: N/A
Eng. Total Time: 1268.5	TSOH: N/A	Eng Total Cycles: Ref SB 13202R5	Starts: 318 Flights: 3806	Acft. Mod/Ser No: N/A

Received Powersection PT6A-65AG SN: PS-PN0209 for Light Overhaul due to Prop Strike. Disassembled, cleaned, and inspected engine components. The following major components were installed in new condition: (47) 1st Stg PT Blades P/N 3123432-01, (43) 2nd Stg PT Blades P/N 3044253-01, #6 Bearing P/N 3032649 S/N FAA1811668, #7 Bearing P/N 3032648 S/N FCN513766. The following major components were installed in overhauled condition: Overspeed Governor P/N 210960 S/N 18716005, Prop Governor P/N 8210-034 S/N 19233697, Exhaust Duct P/N 3120295-01 S/N RWA06D299, PT Vane P/N 3038262CL04 S/N 5R604 Cavity 1S4, COV F/C: 22.36. Reassembled Powersection. All work performed reference PWC OHM 3032843R49, EMM 3032842R60, or other data acceptable to the administrator. The following SB's were complied with this visit: 13476, 13493.

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: 222155**
Date: June 18, 2019 COVT056 (Rev0 06-99)

Authorized Signature: [REDACTED]

AG AIR AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT, CORNING AR



MAKE: AIR TRACTOR	MODEL: AT-602	S/N: 602-1245
N602NY	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0209
HOBBS: 1268.5	TT: 1268.5	DATE: 07/17/2019

- Reinstalled power section module s/n: PS-PN0209 after prop strike repairs. See previous entry from Covington Aircraft for details dated June 18, 2019.
- Installed overhauled propeller s/n: EVA3437 using new hardware. See FAA form 8130-3 from Stallings Aircraft Propeller W/O#8022 dated June 20, 2019.
- Serviced engine with Eastman 2380 turbo oil.
- Engine ground run, leak checked, and approved for return to service.

Aaron Wayne Keahey A&P/IA [REDACTED]



FAA Approved Repair Station No. [REDACTED] EASA Approved
Pratt & Whitney Canada Designated Overhaul Facility
[REDACTED] Okmulgee, Ok. 74447 Ph: [REDACTED] Fax: [REDACTED]

Date: February 12, 2020	Tach/Hobbs: N/A	Engine Model: PT6A-65AG	Engine S/N: PCE-PN0209	Acft. Reg. No: N/A
Eng. Total Time: 1310.9	TSOH: N/A	Eng Total Cycles: Ref SB 13202R5	Starts: 325 Flights: 3840	Acft. Mod/Ser No: N/A

Received power section PT6A-65AG S/N PCE-PN0209 for SB 13515. Disassembled and inspected. All 2nd Stage PT blades passed inspection, no replacements required. Assembled and balanced components as required. Installed new T5 harness P/N 3112214-01 S/N NR21486. Completed power section assembly and re-mated to gas generator. Tested in accordance with manufacturer's specifications with results satisfactory. The corrected performance was as follows: at 1173 SHP - 1807 R Tt5 - 1782 R T5D - 36900 rpm Ng - .546 SFC - 9.14 PR at 36000 rpm Ng - delta Tt5 trim NONE with infinite ohms - 47 F average inlet temperature. All work performed reference PWC OHM 3032843R50 or 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: 222435**

Authorized Signature: [REDACTED]

Date: February 12, 2020

COVT056 (Rev0 06-99)

AG AIR AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT, CORNING AR

Signature

AME
ACA/AN
SCA/AN

MAKE: AIR TRACTOR
N602NY
HOBBS: 1310.9

MODEL: AT-602
ENGINE MODEL: PT6A-65AG
TT: 1310.9

S/N: 602-1245
ENGINE S/N: PCE-PN0209
DATE: 02/15/2020

-Removed propeller and engine from aircraft. Sent engine to Covington Aircraft for SB 13515.
-Reinstalled engine and propeller after inspection and repair in accordance with SB 13515 at Covington Aircraft.
-Engine ground ran, leak checked, and approved for return to service.
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND IS IN
AIRWORTHY CONDITION.

Joel A Nobles AP/IA

FROST FLYING MAINTENANCE, INC.

Marianna, AR

Phone:

Date: May/01/2020
Model: PT6A-65AG

N602NY
S/N# PCE-PN0209

Hobbs: 1380.6
TSN: 1380.6

1. Split engine at C-Flange. Sent power section to Dallas Airmotive CRS: YRR749IL for repair. See 8130-3 & work order: RPR54739 dated 28/APR/2020 for details. Reinstalled power-section with new p/n: 3075036-01 sealing ring. All work was done in accordance with the P&WC manual p/n: 3032843.
2. Lubed all controls & linkages.
3. Serviced engine with EASTMAN 2380 oil.
4. Serviced propeller with Nyco GN 3058 grease & inspected Beta carbon block. Found serviceable.
5. Engine ground run, performance checks, systems checks & leak checked satisfactory at this time.
6. All work was done in accordance with the manufacture's manuals & current FAA regulations.

I certify this Engine has been inspected & approved for return to service for work performed at this time.

Signature:

Jonathan Brown A&P IA



Transport
Canada

Transports
Canada

TP 14182
(Revised 05/2005)

Engine Logbook

POWER SECTION MODULE LOG BOOK

TC-1001185



05/2005

Canada

Volume #: 1

Opened on: 15 MAR 2014

ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.

2. Type/Model/Series E.T.C. E- 12 PT6A- 65 AB B/S: 1102

3. Serial Number PS- PNO 209

Section 1: Record of engine maintenance and elementary work

[illegible]

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SE8652SW

This Certificate issued to AIR TRACTOR, INC.
[REDACTED]
OLNEY, TX 76374

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 33 of the Federal Aviation Regulations.

Original Product Type Certificate Number: E26NE & E4EA

Makes: Pratt & Whitney

Model: PT6A -45R, -60AG, -65AG, -65AR, -65B, -65R, -67AF, -67AG, -67F, -67R

Description of Type Design Change: Installation of a flexible hose from the Propeller Primary Governor to the Fuel Control Unit in accordance with Snow Engineering Company, Drawing 51654, dated June 19, 1993, and Drawing 51653, dated June 18, 1993, or later FAA approved revisions.

Limitations and Conditions: Compatibility of this modification with previously installed equipment must be determined by installer. This installation is applicable to the Pratt & Whitney PT6A-45R, PT6A-60AG, PT6A-65B, PT6A-65AG, PT6A-65R, PT6A-67R, PT6A-67AF, PT6A-65AR, PT6A-67AG, and PT6A-67F Engine Models installed on any Air Tractor Models.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: June 16, 1993

Data received:

Date of issuance: July 01, 1993

Date amended: January 28, 1997; October 10, 2007



By direction of the Administrator

(Signature)

Michele M. Owsley
Manager, Airplane Certification Office
Southwest Region

(Title)

This Power Section module is combined with Gas Generator.

S/N: PCE- PN0209

NG/NO 36550 RPM, at 1173 SHP / 8V0

ITT Trim: 0.4 C°

T5 Trim resistance: ∞ Ohms

Signature

AME
ACA/AMO
SCA/AMO

K. PIVDOR

Air Tractor, Inc. [REDACTED] Olney, Texas 76374

FAA Production Approval Holder [REDACTED]

Date		Engine Model		Engine Serial Number	
April 18, 2014		PT6A-65AG		PCE-PN0209	
Engine - TSN		Engine - Flights		Engine - Starts	
0		0		0	
Aircraft Make		Aircraft Model		Aircraft - Registration	
Air Tractor		AT-602		N602NY	
Aircraft Serial Number		Aircraft - Total Time			
602-1245		0.0 Hour			

This engine has been modified in accordance with Supplemental Type Certificate SE8652SW by installation of a flexible hose from the Propeller Primary Governor to the Fuel Control Unit in accordance with Snow Engineering Company Drawing 51654 and Drawing 51653.

David Cowan - Air Tractor, Inc. [REDACTED]

Date		Engine Model		Engine Serial Number	
May 1, 2014		PT6A-65AG		PCE-PN0209	
Engine - Time Run		Engine - TTSN		Engine - Flights	
1.0 Hours		1.0 Hours		2	
Engine - Starts		Engine - TSOH			
1		N/A			
Aircraft Make		Aircraft Model		A/C Registration	
Air Tractor		AT-602		N602NY	
Aircraft Serial Number		Aircraft - TT			
602-1245		1.0 Hours			
Engine Performance		Torque		Fuel Flow	
OAT: 26° C BARO: 29.72		Baseline		95 gph	
		Actual		90 gph	
				102 %	
				98.5 %	
				805° C	
				730° C	

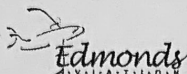
This engine installed, ground run, leak checked and found to operate satisfactory. The aircraft was test flown in accordance with Air Tractor, Inc. QCPM Section 7: Inspection and Testing, Production Flight Test Procedures and Flight Test Form 1006, Revision Orig., dated 11/1/11. This engine was found to operate satisfactory and is in condition for safe operation. This engine complies with all applicable Airworthiness Directives through Biweekly AD 2014-08, published for April 7, 2014 through April 20, 2014.

David Cowan - Air Tractor, Inc. [REDACTED]

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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ENGINE MODEL (#1):
ENGINE S/N (#1):
REG. NO. N602NY
WORK ORDER:
0554-05-2015



Newport, AR 72112
Phone: [REDACTED]

DATE: 5/19/2015
Airframe TT: 100
ENG TT (#1): 100
ENG TC (#1):
HOBBS: 100

Engine #1 Entries

(1) C/W 100HR Inspection and service I A.W. Maintenance Manual and 14 CFR Part 43 Appendix "D" Checklist

Maintenance Release

I certify this engine has been inspected IAW a 100HR INSPECTION and is determined to be in airworthy condition at this time. Pertinent details of the repair are on file at this maintenance facility under Work Order No. 0554-05-2015, Dated 5/19/2015.

DATE: 5/19/2015

SIGNED: [REDACTED]

Work Order: 0554-05-2015

David Edmonds, A&P: [REDACTED]

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AG AIR AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT, CORNING AR



MAKE: AIR TRACTOR

MODEL: AT-602

S/N: 602-1245

N602NY

ENGINE MODEL: PT6A-65AG

ENGINE S/N: PCE-PN0209

HOBBS: 1268.5

TT: 1268.5

DATE: 05/17/2019

- Removed and reinstalled starter generator (s/n: P1304) after overhaul. See FAA form 8130-3 from Aircraft Accessories of Oklahoma W/O#33015 dated May 10, 2019.
- Split engine at C-flange and conducted a hot section inspection. Outer liner (s/n: RWA32E552) and Inner liner (s/n: RWA35E329) were repaired by Turbine Weld. See FAA 8130-3 forms W/O#602NY dated May 10, 2019 and May 15, 2019. Performed localized grinding of CT segments to achieve acceptable CT blade clearance. All other component and clearances acceptable at this time. Remated power section to gas generator case using new sealing ring (p/n: 3075036-01).
- Removed oil filter, cleaned, inspected, and reinstalled filter.
- Removed engine fuel pump inlet filter, inspected, and reinstalled.
- Removed engine fuel pump outlet filter, inspected, and installed new filter.
- Inspected beta block and installed new batteries.
- Installed new engine air inlet filter (p/n: BA-413E).
- Removed igniters, ops checked, and installed new igniters (p/n: CH34055).
- Removed chip detector, inspected, ops checked, and reinstalled.
- Removed fuel nozzle assemblies. Cleaned, inspected, spray checked, and reinstalled using new o-rings and gaskets. All tips spraying properly at this time.
- Removed airframe fuel filter, inspected, cleaned, and reinstalled.
- Complied with Air Tractor SL#361 on reinstallation of airframe fuel filter by replacing both sealing washers.
- Inspected and lubed engine control linkage.
- Serviced oil tank with 4qts. Eastman 2380 turbo oil.
- Inspected and lubed propeller IAW Hartzell Manual.
- Inspection and all work performed IAW P&W Maintenance Manual.
- Engine ground ran, leak checked, and approved for return to service.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND IS IN AIRWORTHY CONDITION

Aaron Wayne Keahey A&P/IA [REDACTED]

AG AIR AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT, CORNING AR



MAKE: AIR TRACTOR

MODEL: AT-602

S/N: 602-1245

N602NY

ENGINE MODEL: PT6A-65AG

ENGINE S/N: PCE-PN0209

HOBBS: 1268.5

TT: 1268.5

DATE: 05/18/2019

- Removed propeller s/n: EVA3354 from Air Tractor 602-1245 N602NY and transported to Stallings Aircraft Propeller for prop strike repairs.
- Removed power section s/n: PS-PN0209 and transported to Covington Aircraft for prop strike repairs.

Aaron Wayne Keahey A&P/IA [REDACTED]

ENGINE: PT6A-65AG	S/N: PCE-PN0209
TOTAL TIME: 1268.5	HOBBS: 1268.5
TSO: N/A	TSIRAN: N/A

COMPONENT	P/N	S/N	CYCLE LIMIT	CONSUMED CYCLES	REMAINING CYCLES
SHAFT, COMPRESSOR ROTOR	3043092	PKAAA539921	24,000	1481	22,519
ROTOR, COMPRESSOR	307101	EAAD000F520	24,000	1481	22,519
Disk, COMPRESSOR (2 RD STAGE)	3036802	EAAD00H301	24,000	1481	22,519
DISK, COMPRESSOR (3 RD STAGE)	3036803	EAAD000F578	24,000	1481	22,519
DISK, COMPRESSOR (4 TH STAGE)	3036804	EAAD000E381	24,000	1481	22,519
IMPELLER, CENTRIFUGAL	3037204	EAAD000F688	24,000	1481	22,519
DISK, COMPRESSOR TURBINE	3040311	YUAB001A243	15,000	667	14,333
DISK, PT (1 ST STAGE)	3029312	A003E80R	30,000	667	29,333
DISK, PT (2 ND STAGE)	3029313	YUAB001A455	30,000	667	29,333

THE ABOVE CALCULATIONS WERE DIRIVED BASED ON 4HRS. PER START, 3 FLIGHTS PER HOUR, AND IN ACCORDANCE WITH P&WC SB NO. 13202R5

AARON WAYNE KEAHEY

A&P



FAA Approved Repair Station No. [REDACTED] EASA Approved
Pratt & Whitney Canada Designated Overhaul Facility
[REDACTED] Okmulgee, Ok. 74447 Ph: [REDACTED] Fax: [REDACTED]

Date: June 18, 2019	Tach/Hobbs: N/A	Engine Model: PT6A-65AG	Engine S/N: PS-PN0209	Acft. Reg. No: N/A
Eng. Total Time: 1268.5	TSOH: N/A	Eng Total Cycles: Ref SB 13202R5	Starts: 318 Flights: 3806	Acft. Mod/Ser No: N/A

Received Powersection PT6A-65AG SN: PS-PN0209 for Light Overhaul due to Prop Strike. Disassembled, cleaned, and inspected engine components. The following major components were installed in new condition: (47) 1st Stg PT Blades P/N 3123432-01, (43) 2nd Stg PT Blades P/N 3044253-01, #6 Bearing P/N 3032649 S/N FAA1811668, #7 Bearing P/N 3032648 S/N FCN513766. The following major components were installed in overhauled condition: Overspeed Governor P/N 210960 S/N 18716005, Prop Governor P/N 8210-034 S/N 19233697, Exhaust Duct P/N 3120295-01 S/N RWA06D299, PT Vane P/N 3038262CL04 S/N 5R604 Cavity 1S4, COV F/C: 22.36. Reassembled Powersection. All work performed reference PWC OHM 3032843R49, EMM 3032842R60, or other data acceptable to the administrator. The following SB's were complied with this visit: 13476, 13493.

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: 222155**

Authorized Signature: [REDACTED]

Date: June 18, 2019

COVT056 (Rev0 06-99)

AG AIR AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT, CORNING AR



MAKE: AIR TRACTOR	MODEL: AT-602	S/N: 602-1245
N602NY	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0209
HOBBS: 1268.5	TT: 1268.5	DATE: 07/17/2019

- Reinstalled power section module s/n: PS-PN0209 after prop strike repairs. See previous entry from Covington Aircraft for details dated June 18, 2019.
- Installed overhauled propeller s/n: EVA3437 using new hardware. See FAA form 8130-3 from Stallings Aircraft Propeller W/O#8022 dated June 20, 2019.
- Serviced engine with Eastman 2380 turbo oil.
- Engine ground run, leak checked, and approved for return to service.

Aaron Wayne Keahey A&P/IA [REDACTED]

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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FAA Approved Repair Station No. [REDACTED] EASA Approved
Pratt & Whitney Canada Designated Overhaul Facility
[REDACTED] Okmulgee, Ok. 74447 Ph: [REDACTED] Fax: [REDACTED]

Date: February 12, 2020	Tach/Hobbs: N/A	Engine Model: PT6A-65AG	Engine S/N: PCE-PN0209	Acft. Reg. No: N/A
Eng. Total Time: 1310.9	TSOH: N/A	Eng Total Cycles: Ref SB 13202R5	Starts: 325 Flights: 3840	Acft. Mod/Ser No: N/A

Received power section PT6A-65AG S/N PCE-PN0209 for SB 13515. Disassembled and inspected. All 2nd Stage PT blades passed inspection, no replacements required. Assembled and balanced components as required. Installed new T5 harness P/N 3112214-01 S/N NR21486. Completed power section assembly and re-mated to gas generator. Tested in accordance with manufacturer's specifications with results satisfactory. The corrected performance was as follows: at 1173 SHP - 1807 R Tt5 - 1782 R T5D - 36900 rpm Ng - .546 SFC - 9.14 PR at 36000 rpm Ng - delta Tt5 trim NONE with infinite ohms - 47 F average inlet temperature. All work performed reference PWC OHM 3032843R50 or 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: 222435**
Authorized Signature: [REDACTED] Date: February 12, 2020 COVT056 (Rev0 06-99)

AG AIR AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT, CORNING AR

MAKE: AIR TRACTOR	MODEL: AT-602	S/N: 602-1245
N602NY	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0209
HOBBS: 1310.9	TT: 1310.9	DATE: 02/15/2020

- Removed propeller and engine from aircraft. Sent engine to Covington Aircraft for SB 13515.
- Reinstalled engine and propeller after inspection and repair in accordance with SB 13515 at Covington Aircraft.
- Engine ground ran, leak checked, and approved for return to service.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION.

Joel A Nobles AP/IA [REDACTED]

FROST FLYING MAINTENANCE, INC.

Marianna, AR

Phone: [REDACTED]

Date: May/01/2020

N602NY

Hobbs: 1380.6

Model: PT6A-65AG

S/N# PCE-PN0209

TSN: 1380.6

1. Split engine at C-Flange. Sent power section to Dallas Airmotive CRS: YRR749IL for repair. See 8130-3 & work order: RPR54739 dated 28/APR/2020 for details. Reinstalled power-section with new p/n: 3075036-01 sealing ring. All work was done in accordance with the P&WC manual p/n: 3032843.
2. Lubed all controls & linkages.
3. Serviced engine with EASTMAN 2380 oil.
4. Serviced propeller with Nyco GN 3058 grease & inspected Beta carbon block. Found serviceable.
5. Engine ground run, performance checks, systems checks & leak checked satisfactory at this time.
6. All work was done in accordance with the manufacture's manuals & current FAA regulations.

I certify this Engine has been inspected & approved for return to service for work performed at this time.

Signature: [REDACTED]

Jonathan Brown A&P [REDACTED] IA