

**FROST FLYING MAINTENANCE, INC.**

Marianna, AR

Phone: [REDACTED]

Date: Mar/19/2020

N1532H

Hobbs: 6,635.6

Model: PT6A-27

S/N: PCE-PCE51331

TSN: 37,500.4

1. C-W a 100/300 hour & hot-section inspection in accordance with FAR 43 app: d & the manufacture's maintenance manual's.
2. Split engine at C-Flange & removed hot-section components for inspection. Sent hot section components to R.T. Turbines, Inc. See attached 8130-3 & work order# 03181 dated 10/Mar/2020 for details. Reinstalled hot-section components from R.T. Turbines, Inc. with all new locks. Reinstalled power-section. All work was done in accordance with the P&WC manual.
3. Removed fuel nozzles, clean & flow checked. All nozzles flow checked satisfactory at this time. Reinstalled nozzles with new seals.
4. Inspected main oil strainer. No metal noted at this time. **NOTE: Next Oil strainer replacement Due 1000 hours TIS.**
5. Clean & reinstall firewall fuel filter.
6. Removed fuel inlet filter, cleaned & reinstalled. Replaced fuel outlet filter.
7. Checked chip detector for metal. None noted at this time.
8. Lubed all controls & linkages.
9. Drained engine oil & Serviced engine with EASTMAN 2380 oil. **NOTE: Next oil change Due Mar/2021.**
10. Inspected p/n: CH34055 Ignitors & found satisfactory at this time.
11. Inspected main inlet air filter. Ok at this time.
12. Serviced propeller with aeroshell# 5 grease & installed new p/n: CA3044 Bata carbon block
13. C-W S.L.172 by inspecting Bata valve plunger. Plunger checked satisfactory for service at this time. Lube & reinstalled plunger in accordance with S.L.172.
14. Engine ground run, performance checks, systems checks & leak checked satisfactory at this time.
15. All work was done in accordance with the manufactures manuals & current FAA regulations.

I certify this Engine has been inspected in accordance with a 100/300 hour & Hot-section Inspection & approved for return to service for work performed at this time.

Signature: [REDACTED]

Jonathan Brown A&amp;P [REDACTED] IA

| FROST FLYING MAINTENANCE, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Marianna, AR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Phone: [REDACTED]                                         |
| Date: May/15/2020<br>Model: PT6A-28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N1532H<br>S/N# PCE-51331<br>Hobbs: 6644.0<br>TSN: 37508.8 |
| <ol style="list-style-type: none"><li>1. Split engine at C-Flange &amp; to R.T. Turbines for repair. See R.T. Turbines CRS# MW9R610J work order: 03215 dated 11/May/2020 for details. Reinstalled power-section. All work was done in accordance with the P&amp;WC manual p/n: 3032843.</li><li>2. Removed fuel nozzles, clean &amp; flow checked. All nozzles flow checked satisfactory at this time. Reinstalled nozzles with new seals.</li><li>3. Engine ground run, performance checks, systems checks &amp; leak checked satisfactory at this time.</li><li>4. All work was done in accordance with the manufacture's manuals &amp; current FAA regulations.</li></ol> |                                                           |
| 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] A                           |

| FROST FLYING MAINTENANCE, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                                 |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------|----------|
| Marianna, AR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | Phone: [REDACTED]               |          |
| Date: May/15/2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N1532H        | Hobbs: 6644.0                   |          |
| Model: HC-B3TN-3D/T10282NS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S/N: BUA34562 | TSN: 0                          | TSO: N-A |
| <div>1. Installed this new propeller with new p/n: B-3339 bolts &amp; p/n: A-2048-2 washers in accordance with HARTZELL S.I.140A &amp; the HARTZALL manual 61-00-39.</div> <div>2. Lube Propeller with aeroshell Nyco GN3058 grease.</div> <div>3. Inspected carbon block. Found within service limits.</div> <div>4. Dynamic Balance propeller with the VIBREX 2000 in accordance with the VIBREX 2000 manual &amp; the HARTZELL Manual 61-00-39. Balance to within limits</div> <div>5. Propeller ground run &amp; leak checked satisfactory at this time.</div> <div>6. All work was done in accordance with the manufacture's manuals &amp; current FAA regulations.</div> <div>7. See airworthiness directive compliance record this date for details</div> |               |                                 |          |
| This PROPELLER was Inspected in accordance with a 100-hour Inspection & approved for return to service for work performed at this time.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                                 |          |
| Signature: [REDACTED]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               | Jonathan Brown A&P [REDACTED] A |          |

**X**

OFFICE: [REDACTED] • FAX: [REDACTED]  
CRS # MW9R610J  
Form RTTI 01

# WORK ORDER

No. 03181

White - W.O. Orig.  
Pink - Inv. Copy  
Yellow - Accounting  
Goldenrod - Num.Sec.

## MATERIAL USED

[illegible]

NAME  
Frost Flying Maintenance

ORDER DATE

INVOICE DATE  
3/10/20

ADDRESS

CUST ORDER NO.

INVOICE NO.  
03181

|          |       |       |
|----------|-------|-------|
| CITY     | STATE | ZIP   |
| Marianna | AR    | 72360 |

SHIPPING DATE

SHIP VIA

|                         |                          |
|-------------------------|--------------------------|
| MAKE & MODEL<br>PT6A-28 | ENGINE S/N<br>PC-E 51331 |
|-------------------------|--------------------------|

ENGINE S/N  
PC-E 51331

TOTAL HOURS

TERMS: Farm Bros

## SERVICE DESCRIPTION

|                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CT Disk PN: 3013411 SN: 4W411 was trued and balanced. SED Assy was disassembled, cleaned, inspected, and reassembled using repaired small exit duct, repaired ct shroud, and new ct shroud segments. Preground and safetied as required. All work performed I/A/W current P&W O/H/M PN: 3013243 rev 43. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## MAINTAINENCE RELEASE

The component identified above was repaired in accordance with the applicable regulations of the Federal Aviation Administration and is determined to be in airworthy condition and is approved for return to service.

Date 3/10/20

Signed \_\_\_\_\_

**For: R.T. Turbines, Inc.**

X \_\_\_\_\_

• MARIANNA, AR 72360

• FAX:

Form RTT1 01

White - W.O. Orig.  
Pink - Inv. Copy  
Yellow - Accounting  
Goldenrod - Num.Sec.

[illegible]

PARTS BROUGHT FORWARD

### SERVICE DESCRIPTION

MAINTAINENCE RELEASE

Date 5/11/20

Signed 