

ERA23LA272

## INVESTIGATION PHOTOGRAPHS

| Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | AME<br>ACA/AMO<br>SCA/AMO |
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| <p align="center"><b>SOUTHEASTERN AIRCRAFT SALES &amp; SERVICE</b><br/>           2720 SNEED ROAD, SOUTHEASTERN AIRPORT<br/>           FORT PIERCE, FL 34955<br/>           27 SEPTEMBER 2022</p> <p>PRATT &amp; WHITNEY PT6A-65AG, SN PCE-PW0077, N36695, HORNS 4400.5, TT 8903.5, COMPLUED WITH 100 HOUR INSPECTION THIS DATE. INSPECTED PROPELLER, SPINNER AND BULKHEAD, LUBED PROP WITH AEROSHELL #6. PERFORMED ENGINE BORESCOPE INSPECTION, REPLACED FUEL NOZZLES WITH CLEAN AND FLOW TESTED FUEL NOZZLE. SET OSE ATIS FORMS 8130-31, CLEANED FIREWALL, FUEL FILTER, FUEL PUMP INLET SCREEN AND REPLACED FUEL PUMP OUTLET FILTER. INSPECTED FIRST STAGE COMPRESSOR BLADES, AIR INLET AREA AND ALL ACCESSIBLE OIL STRAINERS AND CHIP DETECTORS - NO CONTAMINATES FOUND - PERFORMED ENGINE WATER WASH, GROUND RAN ENGINE, CHECKED FOR LEAKS AND PROPER OPERATION. FOLLOWING ABOVE LISTED MAINTENANCE, THIS ENGINE FOUND ACCEPTABLE FOR RETURN TO SERVICE. ALL MAINTENANCE PERFORMED LAW APPLICABLE 100 HOUR INSPECTION LIST, APPROVED AIR TRACTOR AND P&amp;W MAINTENANCE MANUALS AND PUBLICATIONS. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS FACILITY.</p> <p align="center">[REDACTED] A &amp; P [REDACTED]</p>                                                                                                                                                                 |  |                           |
| <p align="center"><b>SOUTHEASTERN AIRCRAFT SALES &amp; SERVICE</b><br/>           2720 SNEED ROAD, SOUTHEASTERN AIRPORT<br/>           FORT PIERCE, FL 34955<br/>           05 APRIL 2023</p> <p>PRATT &amp; WHITNEY PT6A-65AG, SN PCE-PW0077, N36695, HORNS 4588.5, TT 8903.5, COMPLUED WITH 100 HOUR INSPECTION THIS DATE. INSPECTED PROPELLER, SPINNER AND BULKHEAD, LUBED PROP WITH AEROSHELL #6. CLEANED FIREWALL, FUEL FILTER, FUEL PUMP INLET SCREEN AND REPLACED FUEL PUMP OUTLET FILTER. INSPECTED FIRST STAGE COMPRESSOR BLADES, AIR INLET AREA AND ENGINE AIR INLET FILTER. CHECKED STARTER GENERATOR, CLEANED P3 FILTER, OIL FILTER AND ALL ACCESSIBLE OIL STRAINERS AND CHIP DETECTORS - NO CONTAMINATES FOUND - GROUND RAN ENGINE, CHECKED FOR LEAKS AND PROPER OPERATION. FOLLOWING ABOVE LISTED MAINTENANCE, THIS ENGINE FOUND ACCEPTABLE FOR RETURN TO SERVICE. ALL MAINTENANCE PERFORMED LAW APPLICABLE 100 HOUR INSPECTION LIST, APPROVED AIR TRACTOR AND P&amp;W MAINTENANCE MANUALS AND PUBLICATIONS. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS FACILITY.</p> <p align="center">[REDACTED] A &amp; P [REDACTED]</p> <p><i>Apr 105, 2023 ACT 4588.5, Eng IT 8893.5</i><br/> <i>I certify that this engine has been inspected in accordance</i><br/> <i>with an Annual Inspection and was determined to be in airworthy</i><br/> <i>condition.</i> [REDACTED]</p> |  |                           |

Page 16

**Photograph 1 - Engine annual inspection (Courtesy of FAA)**

| YEAR<br>2010<br>DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of<br>Technician or Repair Facility. (See back pages for other specific entries.) |
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| CONTINUED FROM PREVIOUS PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                   |                             |                                                                                                                                                                                                                   |
| <p>ELEVATOR TORQUE TUBE ASSY, ELEVATOR REASSEMBLED TO ORIGINAL CONFIGURATION AND PAINTED AS NEEDED, REPLACED ELEVATOR HINGE BEARINGS IN BOTH ELEVATORS. REPLACED R/H ELEVATOR TRIM TAB HINGE BUSHINGS, SHIM L&amp;R TAB AS NEEDED AND REPLACED ELEVATOR TRIM ROD BEARING AT FWD CONTROL BELLCRANK. REPLACED NUMEROUS LOOSE BLIND RIVETS IN R/H UPPER SIDE RUDDER SKIN, CLEANED, PRIMED AND PAINTED LOWER RUDDER, REPLACED RUDDER HORN BUSHINGS, ALL 3 RUDDER HINGE BEARINGS, CLEANED, PRIMED AND PAINTED HSTAB MOUNT PEDESTAL, INSTALLED NEW PEDESTAL BEARING, REMOVED EXCESS PLAY IN RUDDER TRIM TAB AND REASSEMBLED TAIL SECTION. FOLLOWING REINSTALLATION, TREATED EMIPANAGE TAIL COMPONENTS WITH CORROSION X FINE MIST SPRAY SYSTEM. REPLACED LEFT VB FLAP HINGE BEARING AND ATTACH HARDWARE, ADJUSTED FLAP DOWN MICROSWITCH TO PREVENT FLAP OVERTRAVEL, VISUALLY INSPECTED FLAP TORQUE TUBE EARS FOR CRACKS IAW AD 21-45-14. CHECKED TIRES, WHEELS, BRAKES AND BEARINGS; REPLACED ALL TAILWHEEL ATTACH HARDWARE AND SHIMMED TW FORK ASSY TO REMOVE EXCESS PLAY AND SERVICED BRAKE RESERVOIR WITH FLUID. CHECKED NOSE LAMPS, NAV LIGHTS AND COCKPIT LIGHTING; REPLACED RIGHT NAV LAMP AND LENS, REPAIRED BROKEN TAIL NAV LIGHT WIRE AND REPLACED LAMP, INSPECTED MAIN BATTERIES AND DRAINED BATTERY COLLECTOR SUMP. CLEANED, TREATED, PRIMED AND PAINTED VARIOUS AREAS OF RUST ON AFT AIRFRAME TUBING AS NEEDED. FOLLOWING ABOVE LISTED INSPECTION AND MAINTENANCE, THIS AIRFRAME FOUND OK FOR RETURN TO SERVICE. ALL WORK DONE I/AW APPROVED AIR TRACTOR SERVICE MANUAL, AIR TRACTOR PERIODIC INSPECTION LIST, AIR TRACTOR DRAWINGS AND PUBLICATIONS. A.D. COMPLIANCE LIST LOCATED IN BACK OF THIS LOGBOOK. PERTINENT DETAILS OF THIS INSPECTION AND REPAIRS ARE ON FILE AT THIS FACILITY.</p> |                           |                   |                             |                                                                                                                                                                                                                   |
| 2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4588.5                    |                   |                             | <p>I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.</p>                                                                   |

**Photograph 2 - Airframe annual inspection (Courtesy of FAA)**