

PCE 56188



Transport
Canada
Aviation

Transports
Canada
Aviation

TP3910E

6103L
**AIRCRAFT
TECHNICAL
LOGS**

Section 3. ENGINE

Second Edition

January 1987

Canada

ENGINE LOG

1. Make PRATT & WHITNEY
2. Model PT6A-34
3. Specification 781
4. Manufacturer's Serial Number PC-E 56188
5. Date of Manufacture DEC. 1977
6. Aircraft Inspection Cycle

10/25/96

START LOG BOOK #4

Engine Type/Model PT6A-34 Engine Serial Number PC-E 56188
T.T. 20,096.2 T.C. 21550 T.S.O. 5201.4 C.S.O. 5704

Engine split at "C" flange for hot section inspection. Installed repaired large and small exit ducts, combustion liner and shroud housing. Replaced segments. Installed C.T. disk p/n 3013411 s/n 1X384 T.T. 5148.0, TCY 5716. Cleaned and spray-checked fuel nozzles. Installed repaired P.T. shaft housing, new T-5 bus bar and lead, o/h FCU s/n A59154, new oil and fuel filters. Engine re-assembled. All work performed I/A/W current FAA Regulations and current manufacture's data. Pertinent details are on file at this facility.

Work Order No. 2646Date 10/25/96Signed By [Signature]

for:

R.T. Turbines, Inc.

3397 Hwy 121 West

Marianna, AR. 72360

CRS # MW9R610J

FCD Allied Signal

Model DP-F2

S.N. A59154

This engine installed on Air Tractor model

AT402B serial 402B-1019

3397 Hwy 121 West
Marianna, AR. 72360
CRS # MW9R610J

FCU Air Tractor
Model DP-F2
S.N. A59154



Part # 252444-5

This engine installed on Air Tractor model
AT402B serial -402B-1019
Aircraft test flown per Air Tractor form
1005 and engine found to operate
satisfactory.

Insp. James E. [Signature] Date 12-17-96

CARRIED FORWARD

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
 ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENSE
NUMBER

Date 3-14-97 ~~ENGINE~~ 20108.2 engine the
 Engine has been inspected in accordance with a 100 hr.
 inspection and was determined to be in airworthy condition.
 Signature: [Signature] A&P No. 1751477/11

Hubbs 175

Date 4/16/97 - Replace Fuel S. Hrs. Log # 511648706

Hubbs 225

Date 5/23/97 - Replace Fuel nozzle, gaskets + Transfer tube O-rings.
 Nozzles then checked by AT Turbines. Log # 511648706

Date 3-7-97 ~~ENGINE~~ 20491.21 engine the
 ENGINE has been inspected in accordance with a 100 hr.
 inspection and was determined to be in airworthy condition.
 Signature: [Signature] A&P No. 1751477

3/7/98

engines. Installed C.T.
d spray-checked fuel
d lead, oth FCU sin
erformed I/AW current
s are on file at this

Date: 3-7-98 ENGINE
Total Time 20491.2 I certify this
ENGINE has been inspected in accordance with a 100 hr
inspection and was determined to be in airworthy condition.
Signature: [Signature] A&P No. 17514-97

3/7/98

Hobbs 395
Engine TT 20,491.2

Inspect oil screen, no particles found.
Grease starter/ generator splines. Set PROP RPM.
I certify this engine has been inspected in accordance
with a 100 hour inspection and was determined to
be in airworthy condition.

Greg Fiss AP 511640706

Date: 6/12/98
Hobbs: 455

Fuel nozzles cleaned and flow checked by Covington Aircraft. Firewall
fuel filter and FCU fuel filters changed. Nozzles installed with new
gaskets and transfer tube o-rings. Run up OK. Greg Fiss AP 511640706.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	

BROUGHT
FORWARD



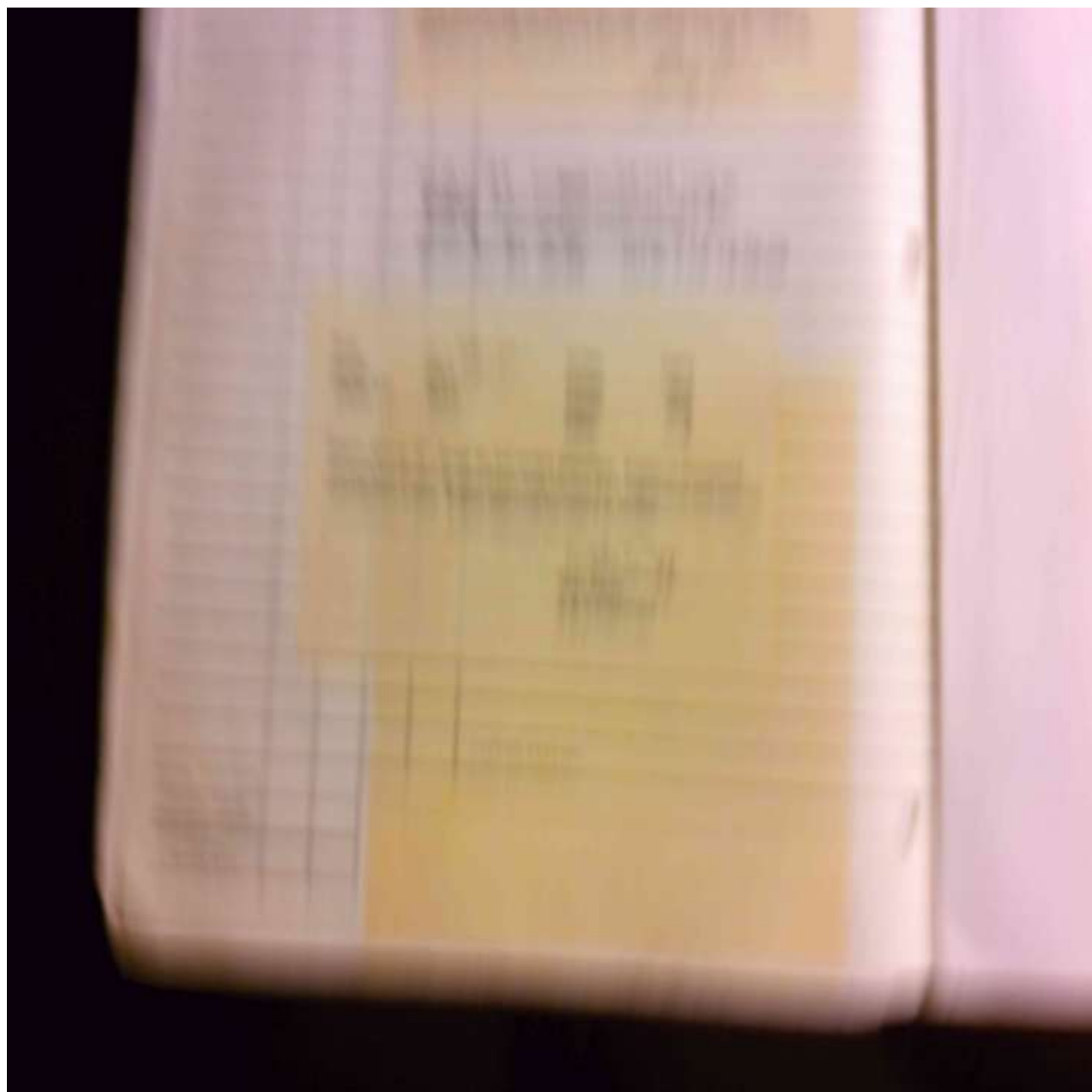
Date: 1/7/99
Hobbs: 667.8
Engine TT: 20,763
TCSN: 22,549
CSOH: 6703
TSOH: 5868

Completed 100-hour inspection in accordance with Pratt and Whitney maintenance manual. Performed compressor wash. Wash engine exterior. Fuel nozzles cleaned and spray checked by Covington Aircraft. Changed main firewall and FCU fuel filters. Changed engine oil and checked oil screen. Installed new oil filler tube with check valve. Starter generator and prop governor overhauled (see airframe logs). Prop RPM set. I certify this engine has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition. Greg Finn AP 511640706.

Greg Finn

Date 2-1-99 Total ~~Time~~ Time 20,763. I certify this
ENGINE has been inspected in accordance with a 100 hr.
inspection and was determined to be in airworthy condition.

Signature Mike S. J. AEP No 1751494JA



181665 835

181665 835

181665 835 181665 835 181665 835

181665 835 181665 835 181665 835

181665 835 181665 835 181665 835

181665 835 181665 835 181665 835

181665 835 181665 835 181665 835

181665 835 181665 835 181665 835

181665 835 181665 835 181665 835

181665 835 181665 835 181665 835

181665 835 181665 835 181665 835

181665 835 181665 835 181665 835

ROTABLE LOG

28-00 ENGINE MODEL PT6A-34 ENGINE S/N 56188
 20,933 TOTAL CYCLES 22,870 TSO 4038 CSO 7024

P/N	S/N	TOTAL CYCLES	CYCLE LIMIT	CYCLES REMAINING	NOTES
301311	7347	7024	19,000	11,976	
3013712	A5517	7024	34,100	16,776	
3011713	B2720	7024	25,000	17,976	
3013176	A7069	7024	19,000	11,976	
3013411	1X354	7036	16,100	8964	
3026812	A2724	7024	30,000	12,976	

Section

0 hrs 0 cys 11

AP 3144206

Completed 100 hour inspection in accordance with Pratt & Whitney Service Manual. I certify this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition.

Completed 100 hour inspection in accordance with Part 4
of the Service Manual. I certify this engine has been
inspected in accordance with a 100 hour inspection and the
engine is determined to be in airworthy condition.

[Signature]
[Illegible text]

100 hr. 1003 2003 2003

100 hr. 1003 2003 2003

100 hr. 1003 2003 2003

100 hr. 1003 2003 2003

100 hr. 1003 2003 2003

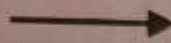
100 hr. 1003 2003 2003

100 hr. 1003 2003 2003

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	

BROUGHT
FORWARD



Date: 3/12/02 Engine TT: 21373.8
TSOH: 6478.2 SHSI: 440.8
Hobbs: 1279.2

Completed 100 hour inspection in accordance with Pratt & Whitney Service Manual. I certify this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition.

Greg Fiss
Greg Fiss AP 511640706

4/15/2002 Engine TT: 21377.6
Hobbs: 1283.0 TSOH: 6482

Remove F.C.U. Install F.C.U. Serial # A25010. Time since overhaul at installation 894.6. Engine test run and flight test okay.

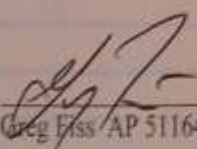
Greg Fiss
Greg Fiss AP 511640706

4/18/02
Hobbs: 1285.2

Lube starter/generator splines. Replace airframe fuel filter. Run up okay.

Hobbs: 1283.0 TSOH: 6482

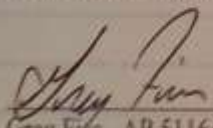
Remove F.C.U. Install F.C.U. Serial # A25010. Time since overhaul at installation 894.6. Engine test run and flight test okay.


Greg Fiss AP 511640706

4/18/02

Hobbs: 1285.2

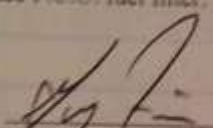
Lube starter/generator splines. Replace airframe fuel filter. Run up okay.


Greg Fiss AP 511640706

6/17/02

Hobbs: 1321.6

Installed, cleaned and inspected spray nozzles from Covington Aircraft. Replace F.C.U. fuel filter. Engine run up okay.


Greg Fiss AP 511640706

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE WFS.

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS

ADVISE: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

7/23/02 Hobbs 1334

Replaced high pressure fuel pump with overhauled unit.
Replaced engine driven auxiliary fuel pump with
overhauled unit. Removed FCU and replaced with
overhauled unit.

Mike Smith

Mike Smith A&P 1751494

9/01/02 Hobbs 1340 Engine Total Time: 21435

Engine split at "C" flange for hot section inspection. Replaced
FCU with repaired unit. Engine re-assembled. Added 9 quarts
new Exxon 21 x 50 oil. All work performed in accordance with
current FAA regulations and current manufacturer data. Engine
approved for return to service.

Mike Smith

Mike Smith A & P 1751494

Hobbs 1372

On 4-7-03 Total Engine Time 21472. I certify this
engine has been inspected in accordance with a /check
and was determined to be in airworthy condition.

Signature: *Mike Smith* A&P No. 1751494

8010. Time
c not run and

new Exxon 20 x 50 oil. All work performed in accordance with
current FAA regulations and current manufacturer data. Engine
approved for return to service.

Mike Smith
Mike Smith A & P 1751494

700

Frame Fuel

1240700

8 from
y engine

1240700

14005 1379
8/4/03 4-7-03
Engine has been inspected in accordance with a 100 hr
inspection and was determined to be in airworthy condition.
Signature: *Mike Smith* A&P No. 1751494

REPAIRS

7/11/03 1400 Service Air Filter
7/22/03 1340 Service Air Filter
7/29/03 1320 Fuel Filter Replaced
8/12/03 1400 Fuel Injector cleaned. Also checked &
repacked air filter. Checked engine oil level.
No leaks or oil spots on engine.

Mike Smith
Mike Smith
A & P 1751494

REPAIRS MADE BETWEEN 8010000 AND 8010000 HOURS

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND 25 VERT. LINES AS REQUIRED FOR COMPLETION
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					HOODS 1651 Date 4-4-4 Total Eng Time 214.75. I certify the engine has been inspected in accordance with a 100% inspection and was determined to be in satisfactory condition. Signature Mike S. ARP No. 1751494
8-23-4	1890				HOODS Final nozzle removal, cleaned tested & re-installed with new gaskets & O-rings. Mike S. ARP 1751494
					HOODS 1957 4-1-5 Total Eng Time 217.23. I certify the engine has been inspected in accordance with a 100% inspection and was determined to be in satisfactory condition. Signature Mike S. ARP No. 1751494
4-11-06	2007				HOODS Removed fuel nozzles replaced with units cleaned & certified by Prime Turbines, all new gaskets & O-rings.
4-11-06	2207				HOODS 4-11-6 Total Eng Time 221.00. I certify the engine has been inspected in accordance with a 100% inspection and was determined to be in satisfactory condition.

APR 1959

11-883 1959

4-1-5 11-883 1959
 11-883 1959
 11-883 1959
 11-883 1959
 11-883 1959

4-11-6 11-883 1959

Removal of 11-883 replaced with
 11-883 1959
 11-883 1959
 11-883 1959
 11-883 1959

4-11-6 11-883 1959

4-11-6 11-883 1959
 11-883 1959
 11-883 1959
 11-883 1959
 11-883 1959

11-883

Removal of 11-883 replaced with
 11-883 1959
 11-883 1959
 11-883 1959
 11-883 1959

CARRIED FORWARD

TOTAL THIS PAGE	
TOTAL FROM PREVIOUS SUMMARY	
TOTAL SINCE BFD.	

AND

MAINTENANCE RECORD

DATE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENSE NUMBER
4-23-7 A-105 2317 1751494	Date 4-23-7 Total Time 2220 Engine 100hr Signature Mike Smith ACP No 1751494		
12-1-2007 Engine Split at "C" flange for hot section inspection. Replaced all fuel nozzles with units checked, inspected and flow tested by E.T. Turbine, H.C., oil filter inspected, installed new FCM fuel filter, added 9 quarts of new 2380 Turbine oil, checked & re-lubricated starter generator spline, replaced A/C drive belt, all work performed in accordance with current FAA regulations and current manufacturer data. Engine approved for return to service. Mike Smith ACP 1751494			



1725 S. Airport Road #5
 Manhattan, Kansas 66506
 (785) 557-9200

2/1/08 HM 2490.4

950073

TIME SINCE HSI-----4.4
 TIME SINCE OH-----7690.0
 ENGINE TT-----22585.0
 CYCLES SINCE OH-----9629
 CYCLES SINCE WZM-----25475

1725 S. Airport Road #5
 Manhattan, Kansas 66506
 (785) 557-9200



1725 E. Airport Road #5
Wichita, Kansas 67202
(781) 527-0225

2/1/08 HN 2490.4

850071

TIME SINCE HSI-----4.4
TIME SINCE OH-----7490.0
ENGINE TT-----22585.0
CYCLES SINCE OH-----9429
CYCLES SINCE NEW-----25475
HIGHEST SUBC CYCLE IS CT DISK AT 9441 (DUE AT 14,000)

ANNUAL INSPECTION COMPLETED AT THIS TIME. OIL SAMPLE TAKEN AT THIS TIME. CLEANED THE MAIN OIL AND FWD GEARBOX SCREENS. HP FUEL PUMP S/N 4871 OH'D AT THIS TIME BY KANSAS AVIATION W.O.#040408 DATED 1/18/08. START CONTROL UNIT S/N 8910 OH'D BY KANSAS AVIATION W.O.#040409 DATED 1/22/08. RE-INSTALLED USING ALL NEW SEALS AND PUMP TO FUEL CONTROL COUPLING. INSPECTED FLANGE "A" WELD AS PER RING-23-13 AND FOUND OK. CLEANED BETA RING AND INSTALLED A NEW CARBON BLOCK P/N CA3044. INSTALLED A NEW BLEED VALVE DIAPHRAGM P/N CA303347-01. TESTED THE CHIP DETECTOR. INSTALLED NEW IGNITOR PLUGS P/N CH14055. COMPRESSOR WASH COMPLETED AT THIS TIME. SOLVENT WASHED ENGINE AND LUBED CONTROLS. GROUND RUN AND LEAK CHECKS OK. ENGINE PERFORMANCE RUN OK.

GORDON J. SMITH APS146472741A

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	→				

NORTH STAR AVIATION INC.

DATE 7-16-08 HOBBS TT 2621.2 PREFORMED 100HR INSPECTION AS PER PRATT AND WHITNEY SERVICE MANUAL (SEE WO# 2228). REMOVED AND REPLACED BLEED VALVE WITH OVERHAULED UNIT BY DALLAS AIRMOTIVE (SEE YELLOW TAG). GROUND RUN AND LEAK CHECK OK. _____ END _____

WENDEL LAMBERT

Wendel Lambert
AA#PS23041480

**HEARTLAND
AVIATION
INC**

1705 S. Airport Road #5
Manhattan, Kansas 66503
(785) 537-9200

10/20/08 NM 2840.2

N50071

TIME SINCE NSI-----354.2

TIME SINCE OH--8039.8

ENGINE TT---22934.8

CYCLES SINCE OH---10181

CYCLES SINCE NEW---26027

HIGHEST DISC CYCLE IS CT DISK AT 10193 (DUE AT 16,000)

ANNUAL INSPECTION COMPLETED AT THIS TIME. OIL SAMPLE TAKEN AT THIS TIME. CHANGED THE OIL. SERVICED WITH DISK...



1725 S. Airport Road #6
Marhattan, Kansas 66503
(785) 537-9250

10/20/08 HM 2840.2

N50071

TIME SINCE HSI-----354.2
TIME SINCE OH--8039.8
ENGINE TT---22934.8
CYCLES SINCE OH---10181
CYCLES SINCE NEW---26027
HIGHEST DISC CYCLE IS CT DISK AT 10193 (DUE AT 16,000)

ANNUAL INSPECTION COMPLETED AT THIS TIME. OIL SAMPLE TAKEN AT THIS TIME. CHANGED THE OIL. SERVICED WITH BP2380 TURBINE OIL. CHECKED THE FWD GEARBOX SCREEN AND FOUND CLEAN. INSTALLED A NEW OIL FILTER P/N P-1011. INSPECTED AND TESTED THE CHIP DETECTOR. CLEANED THE FUEL PUMP INLET SCREEN. REPLACED THE OUTLET FILTER. REMOVED AND RE-INSTALLED THE FUEL NOZZLES FOLLOWING CLEAN AND FLOW TEST BY PRIME TURBINES W.O.#W0032760 DATED 9/17/08. INSTALLED USING ALL NEW GASKETS AND SEALS. INSTALLED NEW IGNITOR PLUGS P/N 10-390667-1. INSTALLED NEW IGNITOR LEADS P/N CH53399-04. REMOVED AND CLEANED THE STARTER GENERATOR AND MOUNTING PAD. LUBE SPLINES AND RE-INSTALLED. REMOVED AND RE-INSTALLED THE FUEL CONTROL S/N A59154 FOLLOWING OH BY INTL GOV SVC'S W.O.# 57302 DATED 9/24/08. SOLVENT WASHED THE ENGINE AND LUBED CONTROLS. GROUND RUN AND LEAK CHECKS OK. ENGINE PERFORMANCE RUN OK.

GORDON J. SMITH AP514647274IA

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.



1765, *Large Trees*, W.
Shrubland, *Large Trees*
1765, 1766, 1767

64834

(Faint, illegible handwritten text)

4000 3000 2000 1000 0

1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718

Surf. 44 7/14/50

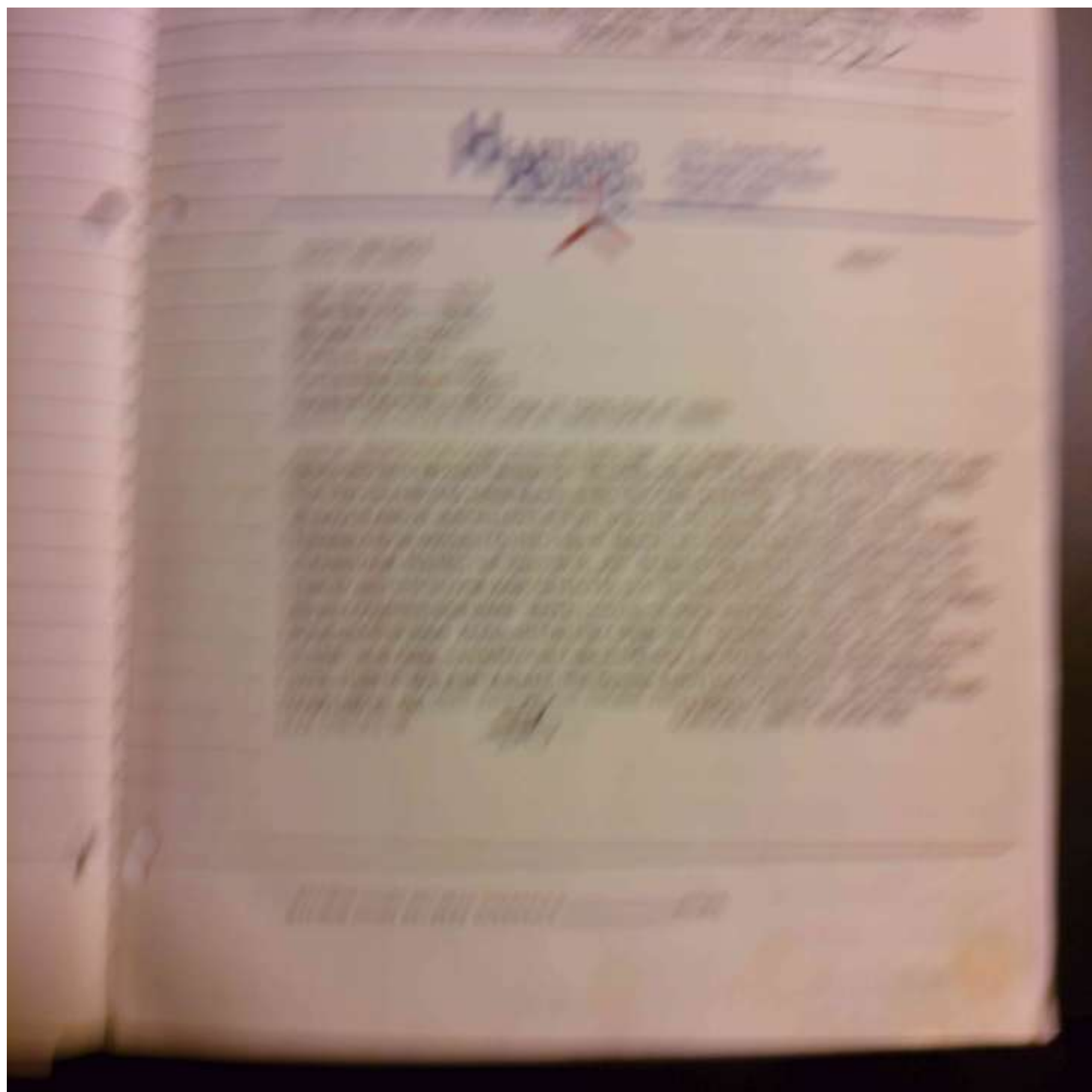
Apr. 29, 1908, 1910

1912年10月10日 1912年

1950年10月1日，在北京市政府成立，这是新中国第一个政府机构。

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1801. It is a very short letter, and it is the only one of its kind in the collection. It is a very important document, and it is the only one of its kind in the collection.





ENGINE SERVICE AND

DATE: 11/11/11

TIME: 11:11 AM

DATE: 11/11/11

TIME: 11:11 AM

DATE: 11/11/11

TIME: 11:11 AM

DATE: 11/11/11

TIME: 11:11 AM

Engine oil and filter changed. Oil level checked. Oil pressure checked. Oil temperature checked. Oil level checked. Oil pressure checked. Oil temperature checked. Oil level checked. Oil pressure checked. Oil temperature checked.

1. Oil level checked. Oil pressure checked. Oil temperature checked. Oil level checked. Oil pressure checked. Oil temperature checked.
2. Oil level checked. Oil pressure checked. Oil temperature checked. Oil level checked. Oil pressure checked. Oil temperature checked.
3. Oil level checked. Oil pressure checked. Oil temperature checked. Oil level checked. Oil pressure checked. Oil temperature checked.
4. Oil level checked. Oil pressure checked. Oil temperature checked. Oil level checked. Oil pressure checked. Oil temperature checked.
5. Oil level checked. Oil pressure checked. Oil temperature checked. Oil level checked. Oil pressure checked. Oil temperature checked.
6. Oil level checked. Oil pressure checked. Oil temperature checked. Oil level checked. Oil pressure checked. Oil temperature checked.
7. Oil level checked. Oil pressure checked. Oil temperature checked. Oil level checked. Oil pressure checked. Oil temperature checked.
8. Oil level checked. Oil pressure checked. Oil temperature checked. Oil level checked. Oil pressure checked. Oil temperature checked.

[Signature]
DATE: 11/11/11
TIME: 11:11 AM

DATE: 11/11/11
TIME: 11:11 AM

DATE: 11/11/11
TIME: 11:11 AM

DATE: 11/11/11
TIME: 11:11 AM

DATE: 11/11/11
TIME: 11:11 AM

DATE: 11/11/11
TIME: 11:11 AM

T50 8,888.5

All work performed in accordance with manufacturer's maintenance manual and current FAA and regulations.

Jay LeJeune
Jay LeJeune
A&P 2524210/1A

Robert L. Mo

N50071 AIR TRACTOR S/N 402B-1019 HOBBS: 3688.9 ACTT: 3688.9
12/02/2011 PRATT AND WHITNEY PT6A-34 S/N PC-E56
TSO: 8,888.5 TSHSI: 5.3

Performed Annual Inspection IAW Pratt and Whitney M
FAR 43 Appendix D. Fuel nozzles were removed cleaned
re-installed nozzles. Starter brushes checked, spline g
greased. Inlet and first stage blades checked for dama
Bulkhead filter removed and replaced with new. Fuel p
and cleaned. P3 air system checked, checked exhaust
found. Serviced all fluids. Aircraft ground run and leak
satisfactory. AD's checked through bi-weekly 2011-24
engine has been inspected IAW Pratt and Whitney And
deemed in an airworthy condition for safe operation. R

END

Robert L. Montgomery AP3439772IA
Robert L. Montgomery AP3439772IA

3/10/12

N61081 Air Tractor AT502B-0289 Hobbs 8583.7 engine TTSN-23783.5 TSO-888.5
TSHSI-5.3 this engine installed on this airframe this date test run and leak check ok
return to service PT6A-34 S/N PC-E 56188

TOTAL

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

TSO 8,888.5

8,000 missing
↓ on new
entry

N61081
TACH:

Perfor
FAR 4
re-ins
greas
Bulkh
and c
found
satisf
engin
deem

Robe

N61081
TACH

Perfo
Servi
engin
deem

Rob

AND

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
 ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

N8108L

Date Chapter Page

N8108L AIR TRACTOR SIN 5028-0208 ENGINE: P&W PT5A-34 SIN PCED0188
 TACH: 9951.8 TTSN: 24151.A TSO: 1255.A TSH9L: 373.2 2/28/2013

7020405-702 (54) page
 WIC 080A

non Aviation Welding on
 signed to be performed on

70205-1 154/704A

on WIC 4725

WIC 125729

r Section and Page

OK

OK

Performed Annual Inspection (AIM Pratt and Whitney Maintenance Manual and FAR 43 Appendix D). Fuel nozzles were removed cleaned and flow checked, re-installed nozzles. Starter brushes checked, spline gear greased. Prop greased. Inlet and first stage blades checked for damage and cleanliness. Bulkhead filter removed and replaced with new. Fuel pump filters removed and cleaned. P3 air system checked, checked exhaust duct for cracks, none found. Serviced all fluids. Aircraft ground run and leak checked, found satisfactory. AD's checked through bi-weekly 2013-07. I certify that this engine has been inspected (AIM Pratt and Whitney Annual Inspection and is deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772A

Robert L. Montgomery AP3439772A

N8108L AIR TRACTOR SIN 5028-0208 ENGINE: P&W PT5A-34 SIN PCED0188
 TACH: 9951.8 TTSN: 24151.A TSO: 1255.A TSH9L: 773.2 2/22/2014

Performed Annual Inspection (AIM Pratt and Whitney Maintenance Manual and FAR 43 Appendix D). Fuel nozzles were removed cleaned and flow checked, re-installed nozzles. Starter brushes checked, spline gear greased. Prop greased. Inlet and first stage blades checked for damage and cleanliness. Bulkhead filter removed and replaced with new. Fuel pump filters removed and cleaned. P3 air system checked, checked exhaust duct for cracks, none found. Serviced all fluids. Aircraft ground run and leak checked, found

3,892.5

Global Turbine Component on W.O. 4715.
S2 from Aviation Welding on W.O. 121729.

to 0.012" Remated Power Section and Rigged
on for performance and leak. OK.
d current FAA and regulations.

found. Serviced all fluids. Aircraft ground run and leak checked, found
satisfactory. AD's checked through bi-weekly 2013-07. I certify that this
engine has been inspected IAW Pratt and Whitney Annual Inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 8351.6 TTSN: 24551.4 TSO: 1656.4 TSHS: 773.2 2/22/2014

Performed Annual Inspection IAW Pratt and Whitney Maintenance Manual and
FAR 43 Appendix D. Fuel nozzles were removed cleaned and flow checked,
re-installed nozzles. Starter brushes checked, spline gear greased. Prop
greased. Inlet and first stage blades checked for damage and cleanliness.
Bulkhead filter removed and replaced with new. Fuel pump filters removed
and cleaned. P3 air system checked, checked exhaust duct for cracks, none
found. Serviced all fluids. Aircraft ground run and leak checked, found
satisfactory. AD's checked through bi-weekly 2014-04. I certify that this
engine has been inspected IAW Pratt and Whitney Annual Inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 9351.6 TTSN: 24650.7 TSO: 1755.7 TSHS: 872.5 5/12/2014

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this
engine has been inspected IAW Pratt and Whitney 100 hour inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA

TSO 8,888.5

8,000 missing
↓ on new
entry

TTSN-23706.5 TSO-888.5
e test run and leak check ok
5/11/14

HS108L AIR TRACTOR S/N 0028-0288 ENGINE: P&W PT5A-34 S/N PCE56188
TACH: 1661.2 TTSN: 24751.0 TSO: 1856.6 TSHS: 972.3 8/16/2014

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this
engine has been inspected IAW Pratt and Whitney 100 hour inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3438772A

HS108L AIR TRACTOR S/N 0028-0288 ENGINE: P&W PT5A-34 S/N PCE56188
TACH: 9053.5 TTSN: 24853.7 TSO: 1958.7 TSHS: 1075.0 9/22/2014

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this
engine has been inspected IAW Pratt and Whitney 100 hour inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3438772A

HK AVIATION LLC

02-05-2015 19:00:00 9792.0 PT5A-34 PCE56188

ENGINE TSN 25129 TSO 2096 TSHS 0.0

ROTOR SHEET DATE 02-05-2015

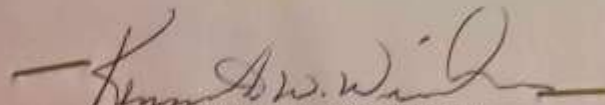
PT5A-34 ENGINE S/N PCE 56188 ENGINE TOTAL TIME 25129 TSO 2096.0

ENGINE TSN 25129 TSO 2096 TSHS 0.0

ROTOR SHEET DATE 02-05-2015

PT6A-34 ENGINE S/N PCE 56188 ENGINE TOTAL TIME 25129 TSO 2096.0

			CYCLE LIFE LIMITS	TOTAL CYCLES	CYCLE REMAINING
1 st DISK	3013111	SN 7349	19000	13965	5035
2 nd DISK	3013712	SN A5517	24000	10993	13007
3 rd DISK	3011713	SN B2720	25000	9664	15336
IMPELLER	3013176	SN A7069	19000	9635	10365
CT DISK	3013411	SN 1X384	16000	10953	5047
PT DISK	3022412	SN A2724	20000	15936	4064


Kenneth W. Winburn AP462749925IA

IA-34 S/N PCE56188
8/14/2014

Maintenance Manual.
I certify that this
air inspection and is
return to service.

COMPLETE

IA-34 S/N PCE56188
9/22/2014

Maintenance Manual.
I certify that this
air inspection and is
return to service.

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 9792.0 TTSN: 24991.8 TSO: 2096.8 TSHSI: 1213.6 2/9/2015

Performed Annual Inspection IAW Pratt and Whitney Maintenance Manual and FAR 43 Appendix D. Fuel nozzles were removed cleaned and flow checked, re-installed nozzles. Starter brushes checked, spline gear greased. Prop greased. Inlet and first stage blades checked for damage and cleanliness. Bulkhead filter removed and replaced with new. Fuel pump filters removed and cleaned. P3 air system checked, checked exhaust duct for cracks, none found. Serviced all fluids. Aircraft ground run and leak checked, found satisfactory. AD's checked through bi-weekly 2015-03. I certify that this engine has been inspected IAW Pratt and Whitney Annual Inspection and is deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA

Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 9903.7 TTSN: 25103.5 TSO: 2208.51324.8 TSHSI: 1075.0 6/13/2015

Performed 100 hour Inspection IAW Pratt and Whitney Maintenance Manual. Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine has been inspected IAW Pratt and Whitney 100 hour Inspection and is deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA

Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 9903.7 TTSN: 25126.7 TSO: 2231.7 TSHSI: 1098.2 9/18/2015

Installed repaired fuel control unit, P/N 2524440-7-6, S/N A41428 and overhauled fuel control, P/N 2524440-5, S/N A41428 IAW Pratt and Whitney Maintenance Manual. Form 8130-3 filed with aircraft paperwork. Serviced all fluids. Aircraft ground run and leak checked. Aircraft flown and all fuel flows and temperatures are within tolerances. I certify that this engine is deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA

5-2015

m to service.

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 9903.7 TTSN: 25103.5 TSO: 2208.51324.8 TSHSI: 1075.0 6/13/2015

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this
engine has been inspected IAW Pratt and Whitney 100 hour inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA
Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 9903.7 TTSN: 25126.7 TSO: 2231.7 TSHSI: 1098.2 9/18/2015

Installed repaired fuel control unit, P/N 2524440-7-6, S/N A41428 and
overhauled fuel control, P/N 2524440-5, S/N A41428 IAW Pratt and Whitney
Maintenance Manual. Form 8130-3 filed with aircraft paperwork. Serviced all
fluids. Aircraft ground run and leak checked. Aircraft flown and all fuel flows
and temperatures are within tolerances. I certify that this engine is deemed in
an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA
Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 0010.8 TTSN: 25210.6 TSO: 2338.8 TSHSI: 1182.1 10/15/2015

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this
engine has been inspected IAW Pratt and Whitney 100 hour inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA
Robert L. Montgomery AP3439772IA

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS

ENGINE SERVICE AND

DATE	TIME RUN	
	HRS.	MIN.

BROUGHT
FORWARD



N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 0073.2 TTSN: 25273.0 TSO: 2378.0 TSHSI: 1494.8 2/15/2016

Performed Annual Inspection IAW Pratt and Whitney Maintenance Manual and FAR 43 Appendix D. Fuel nozzles were removed cleaned and flow checked, re-installed nozzles. Starter brushes checked, spline gear greased. Prop greased. Inlet and first stage blades checked for damage and cleanliness. Bulkhead filter removed and replaced with new. Fuel pump filters removed and cleaned. P3 air system checked, checked exhaust duct for cracks, none found. Serviced all fluids. Aircraft ground run and leak checked, found satisfactory. AD's checked through bi-weekly 2016-04. I certify that this engine has been inspected IAW Pratt and Whitney Annual Inspection and is deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA

Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 0184.6 TTSN: 25322.0 TSO: 2450.2 TSHSI: 1293.5 5/16/2016

Performed 100 hour Inspection IAW Pratt and Whitney Maintenance Manual. Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine has been inspected IAW Pratt and Whitney 100 hour Inspection and is deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA

Robert L. Montgomery AP3439772IA

satisfactory. AD's checked through bi-weekly 2016-04. I certify that this engine has been inspected IAW Pratt and Whitney Annual Inspection and is deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA
Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 0184.6 TTSN: 25322.0 TSO: 2450.2 TSHSI: 1293.5 5/16/2016

Performed 100 hour Inspection IAW Pratt and Whitney Maintenance Manual. Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine has been inspected IAW Pratt and Whitney 100 hour Inspection and is deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA
Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 0257.3 TTSN: 25395.6 TSO: 2522.9 TSHSI: 1366.2 6/28/2016

Performed 100 hour Inspection IAW Pratt and Whitney Maintenance Manual. Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine has been inspected IAW Pratt and Whitney 100 hour Inspection and is deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA
Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 0356.3 TTSN: 25464.6 TSO: 2521.9 TSHSI: 1465.2 8/19/2016

Performed 100 hour Inspection IAW Pratt and Whitney Maintenance Manual. Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine has been inspected IAW Pratt and Whitney 100 hour Inspection and is deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA
Robert L. Montgomery AP3439772IA

deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA
Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188

TACH: 0257.3 TTSN: 25395.6 TSO: 2522.9 TSHSI: 1366.2 6/28/2016

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.

Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine has been inspected IAW Pratt and Whitney 100 hour inspection and is deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA
Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188

TACH: 0356.3 TTSN: 25464.6 TSO: 2521.9 TSHSI: 1465.2 8/19/2016

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.

Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine has been inspected IAW Pratt and Whitney 100 hour inspection and is deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery AP3439772IA
Robert L. Montgomery AP3439772IA

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
 ADVICE: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

DATE 9-30-2016 Aircraft N6108L PT6A-34

PCE56188 HOBBS 10407.3

Performed a 100 hr. inspection and split the engine and performed a hot - section inspection. The gap between the disk and the segments was .011 to .012. Replaced #2 bearing oil nozzle "C" Pkg 518202. 011 Replaced the #2 bearing seal PN 3110033-01.

Cleaned and flowed the fuel nozzles.

Replaced the starter generator brushes.

Kenneth W. Winburn AP4827499251A

Kenneth W. Winburn

Date 09-30-2016

Cycle Sheet P & W C S. B. No. 1002 R26

P16-34 PCE 56188 Hobbs 10407.3 11 3466.0

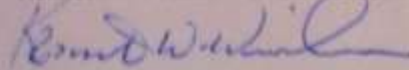
Hour	PM	SN	Cycles
------	----	----	--------

Consumed	Remaining
----------	-----------

Cleaned and flowed the fuel nozzles.

Replaced the starter generator brushes.

Kenneth W. Winburn AP462749925IA



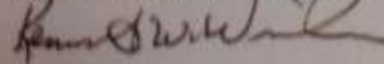
Date 09-30-2016

Cycle Sheet P & W C S. B. No. 1002 R25

PT6-34 PCE-56188 Hobbs 10407.3 TT 3455.6

Nom.	P/N	S/N	Cycles	Consumed	Remaining
1 st Stg. Hub	3013111	7349	14311	4689	
2 nd Stg.	3013712	A5517	11339	12661	
3 rd Stg.	3011713	B2720	10010	14990	
Impeller	3013176	A7069	9981	9019	
C. T. Disk	3013411	1X384	11164	4835	
P. T. Disk	3022412	A2724	16166	3833	

Kenneth W. Winburn AP462749925IA



N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 446.0 TTSN: 25645.8 TSO: 2750.8 TSHSI: 1867.6 3/2/2017
Performed Annual Inspection IAW Pratt and Whitney Maintenance Manual and
FAR 43 Appendix D. Fuel nozzles were removed cleaned and flow checked,
re-installed nozzles. Starter brushes checked, spline gear greased. Prop
greased. Inlet and first stage blades checked for damage and cleanliness.
Bulkhead filter removed and replaced with new. Fuel pump filters removed
and cleaned. P3 air system checked, checked exhaust duct for cracks, none
found. Serviced all fluids. Aircraft ground run and leak checked, found

Insider	9/12/75	17569	9691	9679
G T Day	9/12/75	17566	11026	9695
P T Day	9/12/75	17726	16196	9695

Raymond W. Whitson AP34397725A

[Signature]

18198L AIR TRACTOR SN 5028-5208 ENGINE: P34H P154-34 SN P222H181
TACH: 446.8 TTDH: 25546.8 TSD: 2750.8 TSHD: 1857.6 022207
Performed Annual Inspection (AWI) Pratt and Whitney Maintenance Manual and
FAR 43 Appendix D. Fuel nozzles were removed, cleaned, and flow checked,
re-installed nozzles. Starter brushes checked, spline gear greased. Prop
greased. Inlet and first stage blades checked for damage and cleanliness.
Bulkhead filter removed and replaced with new. Fuel pump filter removed
and cleaned. P3 air system checked, checked exhaust duct for cracks, none
found. Serviced all fluids. Aircraft ground run and leak checked, found
satisfactory. AD's checked through bi-weekly 2017-85. I certify that this
engine has been inspected (AWI) Pratt and Whitney Annual Inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

[Signature] AP34397725A
Robert L. Montgomery AP34397725A

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 530.4 4/28/2017

Performed 100 hour Inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this
engine has been inspected IAW Pratt and Whitney 100 hour Inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

[Signature]
Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 634.6 5/12/2017

Performed 100 hour Inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this
engine has been inspected IAW Pratt and Whitney 100 hour Inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

[Signature]
Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 747.8 7/16/2017

Performed 100 hour Inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this
engine has been inspected IAW Pratt and Whitney 100 hour Inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

[Signature]
Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 854.9 9/6/2017

Performed 100 hour Inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this
engine has been inspected IAW Pratt and Whitney 100 hour Inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

[Signature]
Robert L. Montgomery AP3439772IA

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this
engine has been inspected IAW Pratt and Whitney 100 hour inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery
Robert L. Montgomery KP3439772A

HS108L AIR TRACTOR S/N 5026-0255 ENGINE: P&W PT6A-34 S/N PCE66188
TACH: 8549 5/15/2017

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this
engine has been inspected IAW Pratt and Whitney 100 hour inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery
Robert L. Montgomery KP3439772A

HS108L AIR TRACTOR S/N 5026-0255 ENGINE: P&W PT6A-34 S/N PCE66188
TACH: 9653 11/28/2017

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this
engine has been inspected IAW Pratt and Whitney 100 hour inspection and is
deemed in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery
Robert L. Montgomery KP3439772A

HS108L AIR TRACTOR S/N 5026-0255 ENGINE: P&W PT6A-34 S/N PCE66188
TACH: 11259 5/15/2018

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected IAW Pratt and Whitney 100 hour inspection and is deemed to
be in an airworthy condition for safe operation. Return to service.

END

Robert L. Montgomery
Robert L. Montgomery KP3439772A

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS ENTRIES

TOTAL
GROSS HRS.

34 S/N PCE56188

tenance Manual.
ertify that this
Inspection and is
to service.

34 S/N PCE56188

tenance Manual.
ertify that this
Inspection and is
n to service.

A-34 S/N PCE56188

aintenance Manual.
I certify that this
ur Inspection and is
rm to service.

34 S/N PCE56188

aintenance Manual.
ertify that this
Inspection and is
n to service.

34 S/N PCE56188

aintenance Manual.
ertify that this
Inspection and is
to service.

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

N#:	6108L	Date:	12/20/2018	HM:	1233.2
Make:	P&W	Model:	PT5A-34	S/N:	PCE-56188
ENGT:	T5OH	ENG CYC:	UNK		



This is a permanent part of the Engine Records

- 1 Replaced Gas Generator Case with Serviceable P/N: 3110863-01 S/N: 8F384
- 2 Replaced Compressor Stator Air Seal with Serviceable P/N: 3028222
- 3 Replaced Small Exit Duct with Serviceable P/N: 3029248 S/N: UNK
- 4 Replaced CT Vane Ring with Serviceable P/N: 3032151 S/N: UNK
- 5 Replaced CT Disk with Serviceable P/N: 3013411 S/N: YJAA006A050 with 2348 Cycles Used, 13651 Remaining
- 6 Replaced Compressor Balanced Assembly with Serviceable P/N: 3020911, Consisting of the following:
 - 1" Stage Compressor Hub P/N: 3013111 S/N: RWA62C053 with 705 Cycles Used, 18303 Remaining
 - 2" Stage Compressor Disk P/N: 3013712 S/N: A002MWCX with 2185 Cycles Used, 21611 Remaining
 - 3" Stage Compressor Disk P/N: 3011713 S/N: A007NLVQ with 1859 Cycles Used, 23141 Remaining
 - Impeller P/N: 3013176 S/N: EAAC000A439 with 1354 Cycles Used, 17546 Remaining
- 7 Replaced Compressor Rotor Air Seal with Serviceable P/N: 3017968 CL3
- 8 Replaced PT Disk with Serviceable P/N: 3028812 S/N: A002PQTB with 1342 Cycles Used, 22958 Remaining
- 9 PT Assembly was Balanced by Consolidated Turbine Specialists LLC. On Work Order W11038
- 10 Replaced #3 Bearing with Overhauled P/N: 3006146 S/N: X126
- 11 Replaced PT Rotor Air Seal with Serviceable P/N: 3104403-01
- 12 Replaced PT Stator Air Seal with Overhauled P/N: 3104402-01
- 13 Replaced PT Vane Ring with Serviceable P/N: 3043662 CL02 S/N: HLAAB043
- 14 Replaced PT Stator Housing with Serviceable P/N: 3058631-01 S/N: 38210
- 15 Replaced T-5 Wiring Harness with Serviceable P/N: 3117934-01 S/N: NRAJ03663
- 16 Replaced Containment Ring with Serviceable P/N: 3108595-01 S/N: CPWA9811
- 17 Replaced Bus Bar Assembly with Serviceable P/N: 3027529 S/N: HR25098
- 18 Replaced Exhaust Duct with Serviceable P/N: 3031968-01 S/N: PA3997
- 19 Performed a Touch-up grind to restore a satisfactory CT clearance of .012" minimum - .014" maximum
- 20 Functionally tested T-5 indicating system. No defects noted at this time
- 21 Serviced engine with 5 qts. Eastman 2380 Turbo Oil and motored engine for leaks. None noted at this time
- 22 Safetied engine and prepared for shipping

NOTE: Performance run to be accomplished upon installation at a later date

Don Morris-WAP 3811728

N#:	6108L	Date:	03-18-2019	HM:	1233.2
Make:	P&W	Model:	PT5A-34AG	S/N:	PCE-56188
ENGT:	25900.2	T5OH		ENG CYC:	



This is a permanent part of the Engine Records

Complied with the following inspections, maintenance and/or repairs:

- 19 Performance test results: No defects noted at this time.
- 20 Functionally tested T-5 indicating system. No defects noted at this time.
- 21 Serviced engine with 6 qts. Eastman 2380 Turbo Oil and motored engine for leaks. None noted at this time.
- 22 Safetied engine and prepared for shipping.

NOTE: Performance run to be accomplished upon installation at a later date.

Don Morrison

Don Morrison A&P 2811730

N #:	6108L	Date:	03-18-2019	HM:	1233.2
Make:	P&W	Model:	PT6A-34AG	S/N:	PCE-56188
ENGTT:	25900.2	TSOH:		ENG CYC:	



This is a permanent part of the **Engine** Records

Complied with the following inspections, maintenance and/or repairs.

Replaced Spline adapter p/n 3023252 s/n PKAAA302642

Flex Coupling p/n 3012286 s/n PKAAA305375

2nd Stage Sun gear p/n 3023250 s/n PKAAA301482

Balance carrier assy. p/n 3022514 s/n 2582/80 on Consolidated Turbine w/o PP1955

Assemble and install Power Section module. Test run and leak check.

Surry Tobin

Surry Tobin 2838226

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	

BROU
FORM



Date:	2-1-2019				
N#	N6108L	HM	12332	ACTT	AC CYC
Make	AT	Model	688	S/N	

This is a permanent part of the Airframe logbook

1 Installed PT6A-34A13 s/n PCE-56188 on N6108L Test run Leak check

2

Aug 1st 2013 5226 19P

2/4/2019

*installed 9H Fuel control unit
F/N 2524440-7-6 S/N A7517*

Re Rigged / Leakcheck / Return to Svc

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 1256.3 TTSN: 25900.2 TSO: 3005.2 TSHSI: 2122.0 3/19/2019
Performed Annual Inspection IAW Pratt and Whitney Maintenance Manual and FAR
43 Appendix D. Fuel nozzles were removed cleaned and flow checked re-installed
nozzles. Starter brushes checked spline gear greased. Prop greased. Inlet and first
stage blades checked for damage and cleanliness. Bulkhead filter removed and
replaced with new. Fuel pump filters removed and cleaned. P3 air system checked,
checked exhaust duct for cracks, none found. Serviced all fluids. Aircraft ground run
and leak checked, found satisfactory. AD's checked through bi-weekly 2019-07. I
certify that this engine has been inspected IAW Pratt and Whitney Annual
Inspection and is deemed in an airworthy condition for safe operation. Return to
service

END

Re Received / Inspected / Return to Service

NR108L AIR TRACTOR S/N 5028-0268 ENGINE: P&W PT6A-34 S/N PC258198
TACH: 1296.3 TTSN: 20800.2 TSO: 3095.2 TSHR: 2122.0 5/19/2019
Performed Annual Inspection (AWI) Pratt and Whitney Maintenance Manual and FAR
43 Appendix D. Fuel nozzles were removed cleaned and flow checked re-installed
nozzles. Starter brushes checked spline gear greased. Prop greased. Inlet and first
stage blades checked for damage and cleanliness. Bulkhead filter removed and
replaced with new. Fuel pump filter removed and cleaned. P3 air system checked
checked exhaust duct for cracks, none found. Serviced all fluids. Aircraft ground run
and leak checked. Found satisfactory. AD's checked through bi-weekly 2019-07. I
certify that this engine has been inspected (AWI) Pratt and Whitney Annual
Inspection and is deemed in an airworthy condition for safe operation. Return to
service.

Robert L. Montgomery END
Robert L. Montgomery APS4057724

NR108L AIR TRACTOR S/N 5028-0268 ENGINE: P&W PT6A-34 S/N PC258198
TACH: 1365.8 5/19/19
Performed 100 hour inspection (AWI) Pratt and Whitney Maintenance Manual
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected (AWI) Pratt and Whitney 100 hour inspection and is deemed in
an airworthy condition for safe operation. Return to service.

Robert L. Montgomery END
Robert L. Montgomery APS4057724

NR108L AIR TRACTOR S/N 5028-0268 ENGINE: P&W PT6A-34 S/N PC258198
TACH: 1406.2 7/25/19
Performed 100 hour inspection (AWI) Pratt and Whitney Maintenance Manual
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected (AWI) Pratt and Whitney 100 hour inspection and is deemed in
an airworthy condition for safe operation. Return to service.

Robert L. Montgomery END
Robert L. Montgomery APS4057724

NR108L AIR TRACTOR S/N 5028-0268 ENGINE: P&W PT6A-34 S/N PC258198
TACH: 1562.1 9/2/19
Performed 100 hour inspection (AWI) Pratt and Whitney Maintenance Manual
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected (AWI) Pratt and Whitney 100 hour inspection and is deemed in
an airworthy condition for safe operation. Return to service.

Robert L. Montgomery END
Robert L. Montgomery APS4057724

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE WFS.

AND

S.
RED FOR COMPLETEunit
17

to Sic

APR 25/1988
019

Manual and FAP
has been installed
4. Intake and fuel
systems and
exhaust checked.
Aircraft ground run
by 17/4/88. 1
Return to

185108L AIR TRACTOR S/N 5028-0268 ENGINE: P&W PT5A-34 S/N PCE56188
TACH: 1884.8 11/10/19

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected IAW Pratt and Whitney 100 hour inspection and is deemed in
an airworthy condition for safe operation. Return to service.

Robert L. Montgomery 11/10/19
END

Robert L. Montgomery AP3439TT2A

185108L AIR TRACTOR S/N 5028-0268 ENGINE: P&W PT5A-34 S/N PCE56188
TACH: 1775.8 TTSN: 28420.5 TSC: 3525.5 TSHSR: 2862.3 2/22/2020

Performed Annual Inspection IAW Pratt and Whitney Maintenance Manual and FAR
43 Appendix D. Overhauled fuel nozzles installed, from Tennessee Aircraft Co. P/N
3014704, primary nozzles, 3014705 secondary nozzles, 3014703 inlet adapters,
8130-3 in kogonks. Starter brushes checked spline gear greased. Prop greased.
Inlet and first stage blades checked for damage and cleanliness. Bulkhead filter
removed and replaced with new. Fuel pump filters removed and cleaned. PS air
system checked, checked exhaust duct for cracks, none found. Serviced all fluids.
Aircraft ground run and leak checked, found satisfactory. AD's checked through 15-
weekly 2020-05. I certify that this engine has been inspected IAW Pratt and Whitney
Annual Inspection and is deemed in an airworthy condition for safe operation.
Return to service.

Robert L. Montgomery 11/10/19
END

Robert L. Montgomery AP3439TT2A

185108L AIR TRACTOR S/N 5028-0268 ENGINE: P&W PT5A-34 S/N PCE56188
TACH: 1884.8 11/10/19

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected IAW Pratt and Whitney 100 hour inspection and is deemed in
an airworthy condition for safe operation. Return to service.

Robert L. Montgomery 11/10/19
END

Robert L. Montgomery AP3439TT2A

185108L AIR TRACTOR S/N 5028-0268 ENGINE: P&W PT5A-34 S/N PCE56188
TACH: 1884.8 11/10/19

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected IAW Pratt and Whitney 100 hour inspection and is deemed in

Robert L. Sorensen

PTSA-34 EN KCEB18

221 376270

Maintenance Manual and T&E

of New checked in and checked

Pass pressure, test and test

test. Bar removed and

and T&E system checked

of fuel. Aircraft ground up

and ready for flight 2014-07

of Water. Aircraft

in operation. Return to

PTSA-34 EN KCEB18

Maintenance Manual

check that the engine

and a demand to

PTSA-34 EN KCEB18

Maintenance Manual

check that the engine

and a demand to

PTSA-34 EN KCEB18

Maintenance Manual

check that the engine

and a demand to

Return to service

Robert L. Sorensen 476437724

Robert L. Sorensen 476437724

RETEL AIR TRACTOR EN KCEB-128 ENGINE PTSA-34 EN KCEB18

TACH 18612 400000

Performed 100 hour inspection. All Fuel and Oil/Water. Maintenance Manual

Service of fuel. Aircraft ground up and test checked. Check that the engine

has been inspected. All Fuel and Oil/Water. 100 hour inspection and a demand to

a demand to condition for safe operation. Return to service

Robert L. Sorensen 476437724

Robert L. Sorensen 476437724

RETEL AIR TRACTOR EN KCEB-128 ENGINE PTSA-34 EN KCEB18

TACH 18612 400000

Performed 100 hour inspection. All Fuel and Oil/Water. Maintenance Manual

Service of fuel. Aircraft ground up and test checked. Check that the engine

has been inspected. All Fuel and Oil/Water. 100 hour inspection and a demand to

a demand to condition for safe operation. Return to service

Robert L. Sorensen 476437724

Robert L. Sorensen 476437724

RETEL AIR TRACTOR EN KCEB-128 ENGINE PTSA-34 EN KCEB18

TACH 18612 400000

Performed 100 hour inspection. All Fuel and Oil/Water. Maintenance Manual

Service of fuel. Aircraft ground up and test checked. Check that the engine

has been inspected. All Fuel and Oil/Water. 100 hour inspection and a demand to

a demand to condition for safe operation. Return to service

Robert L. Sorensen 476437724

Robert L. Sorensen 476437724

RETEL AIR TRACTOR EN KCEB-128 ENGINE PTSA-34 EN KCEB18

TACH 18612 400000

Performed 100 hour inspection. All Fuel and Oil/Water. Maintenance Manual

Service of fuel. Aircraft ground up and test checked. Check that the engine

has been inspected. All Fuel and Oil/Water. 100 hour inspection and a demand to

a demand to condition for safe operation. Return to service

Robert L. Sorensen 476437724

Robert L. Sorensen 476437724

RETEL AIR TRACTOR EN KCEB-128 ENGINE PTSA-34 EN KCEB18

TACH 18612 400000

Performed 100 hour inspection. All Fuel and Oil/Water. Maintenance Manual

Service of fuel. Aircraft ground up and test checked. Check that the engine

has been inspected. All Fuel and Oil/Water. 100 hour inspection and a demand to

a demand to condition for safe operation. Return to service

Robert L. Sorensen 476437724

Pt6A Life Limited Parts Log

Model: 34AG	Serial No: PCE-56188	Total Time Since New: 2,337.8	Total Cycles Since New	S.B.: 1302	Rev.:
Date: 01-13-2021	Job No.:	Remarks: 1,104.6 hrs Starts: 276 Flights: 1546	Inspected by: John A&P: 2838226		

Description	Part No.	Serial No.	TTSN	TCSN	Cycle Limit	Cycles Remaining	Remarks
Hub/Rotor:	3013111	RWA62C053	2,337.8	928	19,000	18,072	
Comp. Shaft:							
2 nd Stg. Disk:	3013712	A002NWK	2,337.8	2,894	24,000	21,106	
3 rd Stg. Disk:	3011713	A002NLW0	2,337.8	2,458	25,000	22,542	
4 th Stg. Disk:							
4 th Stg. Spacer:							
Impeller:	3013176	EAAC000A439	2,337.8	1,836	19,000	17,164	
C/T Disk:	3013411	YUAA006A050	2,337.8	3,054	16,000	12,946	
1 st Stg. P/T:	3026812	A002PQT B	2,337.8	1,745	24,000	22,255	
2 nd Stg. P/T:							
C/T Blades:	Hours Since New:						
1 st Stg. Bushing							

Remaining Times and Cycles must be reviewed at each subsequent revision of applicable Service Bulletin.
This Record must be retained with the current Engine Log until superseded.

NE108L AIR TRACTOR S/N 50
TACH: 2881.4 7/15/2021
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 2759.1 8/12/2021
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 2862.3 11/3/2021
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 2910.3 TTSN: 2755
Performed Annual inspection
43 Appendix D. Starter drive
blades checked for damage
with new. Fuel pump filter
exhaust duct for cracks. No
Changes engine oil. Serviced
satisfactory. AD's checked
been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 3118.4 4/7/2022
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 3201.8 11/10/2021
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 3201.8 11/10/2021
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 3201.8 11/10/2021
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 3201.8 11/10/2021
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 3201.8 11/10/2021
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 3201.8 11/10/2021
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 3201.8 11/10/2021
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 3201.8 11/10/2021
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 3201.8 11/10/2021
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

Robert L. Montgomery AP3420
NE108L AIR TRACTOR S/N 50
TACH: 3201.8 11/10/2021
Performed 100 hour inspection
Serviced all fluids. Aircraft gross
has been inspected (AWI Part 43)
an airworthy condition for safe flight.

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 2331.5 11/10/2020

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected IAW Pratt and Whitney 100 hour inspection and is deemed in
an airworthy condition for safe operation. Return to service.

[Signature] 2439227A END

Robert L. Montgomery AP3439772IA

N#	6108L	Date	01-13-2021	HM	2337.8
Make	P&W	Model	34AG	S/N	PCE-56188
ENGT	2337.8	TSOH		ENG CYC	

This is a permanent part of the Engine Records

Complied with the following inspections, maintenance and/or repairs

Performed Hot Section Inspection per P&W Maintenance Manual 3021242

Ground CT blade tip clearance to 0.012"

Replaced Large Exit Duct pin 3022582 s/n 184-25 on Aero Turbine w/o R3569

Closed engine and safed.



[Signature]

Surry Tobin A&P 2838225

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 2339.1 TTSN: 26983.0 TSO: 4088.0 TSHSI: 1.3 2/20/2021

Performed Annual Inspection IAW Pratt and Whitney Maintenance Manual and FAR
43 Appendix D. Starter brushes checked spline gear greased. Prop greased. Inlet
and first stage blades checked for damage and cleanliness. Bulkhead filter removed
and replaced with new. Fuel pump filters removed and cleaned. P3 air system
checked, checked exhaust duct for cracks, none found. Serviced all fluids. Aircraft
ground run and leak checked, found satisfactory. AD's checked through bi-weekly
2021-05. I certify that this engine has been inspected IAW Pratt and Whitney

1302 Rev.:

ected by:
in
t: 2838226

Cycles
remain-
ing:

8,072

1,106

2,542

7,164

2,946

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 2661.4 7/15/2021

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected IAW Pratt and Whitney 100 hour inspection and is deemed in
an airworthy condition for safe operation. Return to service.

Robert L. Montgomery AP3439772IA END

Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 2759.5 9/12/2021

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected IAW Pratt and Whitney 100 hour inspection and is deemed in
an airworthy condition for safe operation. Return to service.

Robert L. Montgomery AP3439772IA END

Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 2862.3 11/3/2021

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected IAW Pratt and Whitney 100 hour inspection and is deemed in
an airworthy condition for safe operation. Return to service.

Robert L. Montgomery AP3439772IA END

Robert L. Montgomery AP3439772IA

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 2810.3 TTSN: 27554.2 TSO: 4659.2 TSHSI: 572.5 3/1/2022

Performed Annual inspection IAW Pratt and Whitney Maintenance Manual and FAR
43 Appendix D. Starter brushes checked spline gear greased. Inlet and first stage
blades checked for damage and cleanliness. Bulkhead filter removed and replaced
with new. Fuel pump filters removed and cleaned. P3 air system checked, checked
exhaust duct for cracks, none found. Fuel nozzles sent out for OVH and reinstalled.
Changed engine oil. Serviced all fluids. Aircraft ground run and leak checked, found
satisfactory. AD's checked through bi-weekly 2022-06. I certify that this engine has
been inspected IAW Pratt and Whitney Annual inspection and is deemed in an
airworthy condition for safe operation. Return to service.

Robert L. Montgomery AP3439772IA END

SIGNATURE

894	24,000	21,106
58	25,000	22,542
36	19,000	17,164
54	16,000	12,946
5	24,000	22,255

ent revision of applicable Service Bulletin.
Engine Log until superseded.

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 2852.3 11/3/2021
Performed 100 hour Inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected IAW Pratt and Whitney 100 hour Inspection and is deemed in
an airworthy condition for safe operation. Return to service.

Robert L. Montgomery 34397721A END
Robert L. Montgomery AP34397721A

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 2910.3 TTSN: 27554.2 TSO: 4859.2 TSHSI: 572.5 3/1/2022
Performed Annual Inspection IAW Pratt and Whitney Maintenance Manual and FAR
43 Appendix D. Starter brushes checked spline gear greased. Inlet and first stage
blades checked for damage and cleanliness. Bulkhead filter removed and replaced
with new. Fuel pump filters removed and cleaned. P3 air system checked, checked
exhaust duct for cracks, none found. Fuel nozzles sent out for OVH and reinstalled.
Changed engine oil. Serviced all fluids. Aircraft ground run and leak checked, found
satisfactory. AD's checked through bi-weekly 2022-06. I certify that this engine has
been inspected IAW Pratt and Whitney Annual Inspection and is deemed in an
airworthy condition for safe operation. Return to service.

Robert L. Montgomery 34397721A END
Robert L. Montgomery AP34397721A

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 3119.4 4/7/2022
Performed 100 hour Inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected IAW Pratt and Whitney 100 hour Inspection and is deemed in
an airworthy condition for safe operation. Return to service.

Robert L. Montgomery 34397721A END
Robert L. Montgomery AP34397721A

N6108L AIR TRACTOR S/N 502B-0268 ENGINE: P&W PT6A-34 S/N PCE56188
TACH: 3201.9 11/7/2022
Performed 100 hour Inspection IAW Pratt and Whitney Maintenance Manual.
Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine
has been inspected IAW Pratt and Whitney 100 hour Inspection and is deemed in
an airworthy condition for safe operation. Return to service.

Robert L. Montgomery 34397721A END
Robert L. Montgomery AP34397721A

1. Approving Civil
Aviation
Authority/Country
FAA/United States

AUTHORIZED RELEASE
FAA Form 8130-3, AIRWORTHINESS

4. Organization Name
and Address:

Tennessee Aircraft Co. 5005 Market Place, Mt. Juliet, TN 37122

6. Item:

7. Description:

8. Part Number:

9. Qty

1

Pri. Nozzle Assy.

3014704

2

Sec. Nozzle Assy.

3014705

3

Inlet Adapt. Assy

3014703

12. Remarks:

Overhauled and Tested as per FAA-DER-approved
ORG, Jan. 24, 2017 and Pratt & Whitney Maintenance

These nozzles are POST S.B. #1372

**Certifies that the work specified in block
EASA 145 and with respect to that work
for release to service under EASA Acceptance**

N6108L AIR TRACTOR S/N 502B-0288 ENGINE: P&W PT6A-34 S/N PCE56138
TACH: 3287.6 TTSN: 27931.5 TSO: 5036.5 TSHSI: 949.8 2/15/2023

Performed Annual Inspection IAW Pratt and Whitney Maintenance Manual and FAR 43 Appendix D. Starter brushes checked spline gear greased. Inlet and first stage blades checked for damage and cleanliness. Bulkhead filter removed and replaced with new. Fuel pump filters removed and cleaned. P3 air system checked, checked exhaust duct for cracks, none found. Fuel nozzles sent out for OVH and reinstalled. Changed engine oil. Serviced all fluids. Aircraft ground run and leak checked, found satisfactory. AD's checked through bi-weekly 2023-07. I certify that this engine has been inspected IAW Pratt and Whitney Annual Inspection and is deemed in an airworthy condition for safe operation. Return to service.

[Signature] END

Robert L. Montgomery AP34397721A

N6108L AIR TRACTOR S/N 502B-0288 ENGINE: P&W PT6A-34 S/N PCE56138
TACH: 3379.2 10/15/2023

Performed 100 hour inspection IAW Pratt and Whitney Maintenance Manual. Serviced all fluids. Aircraft ground run and leak checked. I certify that this engine has been inspected IAW Pratt and Whitney 100 hour inspection and is deemed in an airworthy condition for safe operation. Return to service.

[Signature] END

Robert L. Montgomery AP34397721A

N6108L AIR TRACTOR S/N 502B-0288 ENGINE: P&W PT6A-34 S/N PCE56138
TACH: 3441.8 TTSN: 28085.7 TSO: 5190.7 TSHSI: 1104.0 2/28/2024

Performed Annual Inspection IAW Pratt and Whitney Maintenance Manual and FAR 43 Appendix D. Starter brushes checked spline gear greased. Inlet and first stage blades checked for damage and cleanliness. Bulkhead filter removed and replaced with new. Fuel pump filters removed and cleaned. P3 air system checked, checked exhaust duct for cracks, none found. Fuel nozzles sent out for OVH and reinstalled. Changed engine oil. Serviced all fluids. Aircraft ground run and leak checked, found satisfactory. AD's checked through bi-weekly 2024-05. I certify that this engine has been inspected IAW Pratt and Whitney Annual Inspection and is deemed in an

Performed Annual Inspection IAW Pratt and Whitney Maintenance Manual and FAR 43 Appendix D. Starter brushes checked spline gear greased. Inlet and first stage blades checked for damage and cleanliness. Bulkhead filter removed and replaced with new. Fuel pump filters removed and cleaned. P3 air system checked, checked exhaust duct for cracks, none found. Fuel nozzles sent out for OVH and reinstalled. Changed engine oil. Serviced all fluids. Aircraft ground run and leak checked, found satisfactory. AD's checked through bi-weekly 2024-05. I certify that this engine has been inspected IAW Pratt and Whitney Annual Inspection and is deemed in an airworthy condition for safe operation. Return to service.

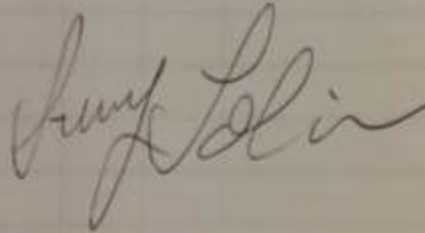
END

Robert L. Montgomery AP3439772IA

01-29-2024 PT6A-34AG ESN PCE-56188 Hobbs 3441.8

Performed Hot Section Inspection, no defects noted. Ground Tip clearance to average 0.012. CT Disc p/n 3013411 s/n 4UAA006A050, see attached life limit sheet for current cycles. All work done in accordance with P&W manuals at customers request.

Surry Tobin
A&P 2838226



CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS

NOTE: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS

SIGNATURE

LOG
NO.

Date: March 26, 2025

Make: Pratt & Whitney

Model: PT6B-3A

S/N: 9555559

Hours: 3458.5

722-5737 A



Phone: 432-249-0516

Performed Annual inspection with reference to FAR Part 43 Appendix G. A/C's checked and current Airworthiness Certificate. I certify that this engine has been inspected in accordance with FAR Part 43 Appendix G and was determined to be in airworthy condition.

END

William Langham

AP36233391A

William Langham

with new. Fuel pump... exhaust duct for cracks, none found. Fuel nozzles sent out for OVI and... Changed engine oil. Serviced all fluids. Aircraft ground run and leak checked, found satisfactory. AD's checked through bi-weekly 2023-07. I certify that this engine has been inspected IAW Pratt and Whitney Annual Inspection and is deemed in an airworthy condition for safe operation. Return to service.

Date: March 24, 2025

Make: Pratt & Whitney

Model: PT6A-34

S/N: 56188

Robert L. Mont

N6108L AIR

TACH: 3378

Performed

Serviced as

has been

an airworthy

Robert L. Mont

N6108L AIR

TACH: 3441

Performed

43 Appendix

blades check

with new. Fuel

exhaust duct

Changed en

satisfactory

been inspect

airworthy

Robert L. Mont

2024 PT6A

med Hot Section

sc p/n 3013411

rk done in acco

Tobin

2838226

PT6A Life limited sheet

Eng Model: 34AG	S/N: PCE-56188	TSN: 3441.8	TCSN:	SB: 1302
Date: 01-29-2024	Starts: 274	Flights: 1530	Customer:	A&P:

Description	Part number	Serial number	TSN	TCSN	Life limit	Cycles remaining	Remarks
1 st hub	3013111	RWA62C053		1,154	19,000	17,846	-226
2 nd stg disk	3013712	A002NWCK		3,592	24,000	20,408	-698
3 rd stg disk	3011713	A002NLWO		3,051	25,000	21,949	-593
4 th stg disk							
4 th stg spacer							
Impeller	3013176	EAAC000A439		2,314	19,000	16,686	-478
CT disk	3013411	YUAA006A050		3,753	16,000	12,247	-699
1 st PT disk	3026812	A002PQTB		2,145	24,000	21,855	-400
2 nd PT disk							
CT Blades							