

RIDGEAIRE
WORLDWIDE AVIATION

JOHNSON AVIATION
TYLER, TEXAS · KTYR



MAINTENANCE RECORDS

RIGHT ENGINE

N425TB | Pratt & Whitney PT6A-112

SERIAL NUMBER	PCE-12143
POSITION	Right (#2)
OVERHAUL	Airwork Corp., Millville, NJ
OVERHAUL DATE	August 17, 1992
ENGINE TT AT OVERHAUL	3,457.8 Hrs / 3,249 Cycles



IMPORTANT NOTICE

REGARDING AIRCRAFT LOGBOOKS

AIRCRAFT

N425TB 1981 Cessna 425 Conquest I

S/N 425-0068

Please read before reviewing these records.

The logbooks accompanying this aircraft are not filed strictly by category. Some entries and volumes are mixed — airframe, engine, propeller, and avionics entries may appear in a book other than the one its divider indicates. This aircraft was previously registered as N1906K, and older entries may appear under that registration.

Do not rely on the divider labels alone. Review each logbook in full when researching maintenance history, time in service, airworthiness directive compliance, or any specific entry. An entry you expect to find in one volume may be recorded in another.

RidgeAire has reviewed these records and can help locate a specific entry, clarify what is recorded where, or answer any question about the aircraft's documented history.

QUESTIONS? CONTACT RIDGEAIRE

Zach Ridgley

Sales Manager | Director of Aircraft Marketing & Research

(903) 586-1521 zach@ridgeaire.com

RIDGEAIRE, INC.

PO Box 361 | Jacksonville, TX 75766

(903) 586-1521 | ridgeaire.com

CESSNA CORSAIR ENGINE MAINTENANCE LOG

RH¹

MANUFACTURER PRATT AND WHITNEY
MODEL NO PT6A-112
SPECIFICATION 785 (E.T.A. P15)
MFG. SERIAL NO. PC-E 12143
DATE OF MANUFACTURE FEBRUARY 1981

425-0068 R.H.

D5257-13

RH Engine Log #1
2/20/1981 Thru 6/13/1983

INSTRUCTIONS

- 1) All Engine Maintenance is to be recorded on the Log Sheets provided in this Log Book.
 - 2) All details concerning the following are to be entered in the section Engine Maintenance Log.
 - a) Installation and removal of engine and accessories.
 - b) Line and Periodic Inspections, Alterations, Repairs and Overhauls.
 - c) When repairs or alterations necessitate submission of FAA form ACA337, an entry is to be made in this section and the original of the form ACA337 placed in the special pocket on the back cover of this log book.
 - d) All entries must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
 - 3) The Engine Final Acceptance Test Sheet which provides the test performance data for the engine has been placed in the special pocket on the back cover of this log book.
 - 4) If the engine is removed from the aircraft, this Engine Log, along with the above Final Acceptance Test Sheet, is to be transferred with the removed engine and the Engine Log of the replacement engine inserted in its place.
- NOTE: Prior to returning the Engine Log with the removed engine, make an entry (immediately below the last entry in the Engine Log) showing the Accumulated Engine Cycles as recorded in the Aircraft Flight Log.
- 5) Compliance with Service Bulletins, Airworthiness Directives and other modifications applicable to the engine are to be recorded in the Modification Records section of the log.
 - 6) Replacements of engine parts with life limits, as specified in relevant Engine Service Bulletins, are to be recorded in the section titled "Life Limited Parts Summary."

ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul
	Hours	10ths	
1981			Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
FEB 20			NEW ENGINE, FINAL ACCEPTANCE TEST AND INHIBITING RUN IS COMPLETED SATISFACTORILY AND CERTIFIED AIRWORTHY. PRATT & WHITNEY AIRCRAFT OF CANADA LTD. DO T. COMPANY APPROVAL NO. 4581 Manufacturing Inspection Department Approved Inspector <i>M. A. Hunt</i> (15) "This engine was serviced with a Exxon Turbo 2380 oil"

Right

ENGINE MAINTENANCE LOG 475.0068

Description of Inspection, Repair and Overhaul

Enter here general data with reference to inspections, alterations and repairs and overhaul.
ALL DATA must be endorsed with the name, rating and certificate number of either the FAA
Repair Station or the mechanic.

DATE
19____

ACCUMULATED
TOTALS

Hours 10ths

certify that this Engine has been inspected in ac-
cordanee with Aircraft

FAR 91.217 (b) (4)

and was determined to be in airworthy condition.

Date 12-11-81 Meter 101.1

Emil H. Koon

FOR:

EAGLE AVIATION, INC.
COLUMBIA METROPOLITAN AIRPORT
WEST COLUMBIA, SOUTH CAROLINA 29169
FAA APPROVED STATION NO. 5346

WORK ORDER NO. 65701

Adjusted idle speed to 52
Reengaged controls
Replaced Hydraulic filter/element
compressor washed -
Removed ignitors & functional
checked

12-11-81

101.1 ADDED

1 QT OF TURBINE OIL

134.2 1-1-82

1 " " " "

181.1 1-28-82

1 QT OF TURBINE OIL

351.5 5-24-82 1 QT TURBINE OIL 201.4 2-22-82

1 QT " " "

216.2 3-1-82

1 QT " " "

276.1 4-18-82

1 QT " " "

303.0 4-30-82

1 QT " " "

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

Right

ENGINE MAINTENANCE LOG

N 68446

ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
Hours	10ths	
		Operations 394 Performed Adjusted oil pressure - Replaced ITT insulator -
certify that this <u>Engine</u> has been inspected in accordance with FAR 91.217 (b) (4) and was determined to be in airworthy condition. Date <u>1-19-82</u> Meter <u>201.6</u> <u>Emilio Koon</u> total 201.6 FOR: EAGLE AVIATION, INC. COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA 29169 FAA APPROVED STATION NO. 5346 WORK ORDER NO. <u>55942</u>		

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19__			Operations 142 Performed Inspection Forms. Installed compressor wash Ring Kit PLE PS81-204 Performed compressor wash. Flow checked fuel nozzles Replaced 1 tip. Rechecked spinner bulkhead
			certify that this <u>Engine</u> has been inspected in accordance with FAR 91.217 (b) (4) and was determined to be in airworthy condition. Date <u>4-30-82</u> Meter <u>303.0</u> <u>Wm J. Houch</u> FOR: EAGLE AVIATION, INC. COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA 29169 FAA APPROVED STATION NO. 5346 WORK ORDER NO. <u>56241</u>

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

ENGINE MAINTENANCE LOG *N68446*
SN475-0068

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19__			
			<i>alterations 344 Per Cassid</i> I certify that this <u>Engine</u> <u>Propeller</u> has been inspected in <u>compressor wash</u> Aircraft <u>Flow checked 1022/05 21/0K</u> accordance with FAR 91.169 (1) (4) and was determined to be in airworthy condition. Date <u>2-25-83</u> Motor <u>598-2</u> <u>Phil H. Brown</u> <u>10B1 598-2</u> FOR: EAGLE AVIATION, INC. COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA 29169 FAA APPROVED STATION NO. 5346 WORK ORDER NO. <u>87375</u>

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

ENGINE MAINTENANCE LOG

DATE 19____	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
			<i>OPERATIONS P/R - 100500</i> Engine I certify that this ~~Propeller~~ <i>Propeller</i> has been inspected in <i>Aircraft</i> FAR 91.169 (f) (4) accordance with and was determined to be in airworthy condition. Date <i>5-9-83</i> Meter <i>6954</i> <i>Emil A. Hood</i> FOR: EAGLE AVIATION, INC. COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA 29169 FAA APPROVED STATION NO. 5346 WORK ORDER NO. <i>57621</i> <i>oil changed EXXON 2380</i>

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19 <u>83</u>			
6-13	729	4	11W P4W 516 EC-0014 Fuel nozzle 5 - Fuel nozzles are correct P/N - compressor wash accomplished checked - Temp, TQ, NG & FF on Run TQ 900 RPM NP 1884 ITT 600 NG 8870 TQ 1000 NP 600 ITT 8870 NG 200 FF

APPROVED BY: Emil A. Koon

FOR:

EAGLE AVIATION, INCORPORATED

COLUMBIA METROPOLITAN AIRPORT

WEST COLUMBIA, SOUTH CAROLINA 29169

FAA APPROVED REPAIR STATION NO. 5346

WORK ORDER NUMBER 57769T

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

RIGHT ENGINE MAINTENANCE LOG N 68446

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19 _____			
			<u>OPERATIONS 344 PERCESSNA INSPECTION PROGRAM</u> Engine I certify that this <u>Propeller</u> has been inspected in <u>Aircraft</u> accordance with FAR 91.169 (1) (4) and was determined to be in airworthy condition. Date <u>8-2-83</u> Meter <u>793.5</u> <u>Emil A. Koon</u> FOR: EAGLE AVIATION, INC. COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA 29169 FAA APPROVED REPAIR STATION NO. 5346 WORK ORDER NO. <u>57909</u>

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

ENGINE MAINTENANCE LOG

DATE 19__	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
			<u>ALTERATIONS</u> <u>17-2</u> Engine I certify that this <u>Propeller</u> has been inspected in <u>Aircraft</u> accordance with FAR 91.169 (f) (4) and was determined to be in airworthy condition. Date <u>10-21-83</u> Meter <u>8992.2</u> FOR: <u>Emil H Koon</u> EAGLE AVIATION, INC. COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA 29169 FAA APPROVED STATION NO. 5346 WORK ORDER NO. <u>57968</u>

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

RH ENGINE MAINTENANCE LOG N6844 E

DATE 9__	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
			<u>PHASES 4, 5 & 6 PERCESSNA PROGRAM</u> <u>LH EXHAUST STUB REPLACED</u> <u>PHASE 9 - SEC AIRFRAME LOG</u> <u>STARTER/GEN BRUSHES & BRGS</u> <u>REPLACED PER R55346 W/D</u> <u># 5864T PER TELEPHONE CALL</u> Engine I certify that this <u>Propeller</u> has been inspected in <u>Aircraft</u> accordance with FAR 91.169 (f) (4) and was determined to be in airworthy condition. Date <u>2-10-84</u> Meter <u>000.1</u> FOR: <u>Emil H Koon</u> EAGLE AVIATION, INC. COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA 29169 FAA APPROVED STATION NO. 5346 WORK ORDER NO. <u>58648</u>

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

PH ENGINE MAINTENANCE LOG S/N 12143 N 68446

DATE 19__	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
			PHASE 2 PER CESSNA PROGRAM PHASE 7 400 HOURS OR 12 MONTH OIL CHANGED EXXON 7380 FUEL NOZZLES FLOWCHECKED
			Engine I certify that this Propeller has been inspected in Aircraft FAR 91.169 (f) (4) accordance with and was determined to be in airworthy condition. Date 5-10-84 Meter 1100.2 FOR: <u>Emil A. Koon</u> EAGLE AVIATION, INC. COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA 29169 FAA APPROVED STATION NO. 5346 WORK ORDER NO. 59034

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

PH ENGINE MAINTENANCE LOG N 68446

DATE 19__	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
			PHASE 4 PER CESSNA PROGRAM C/W AIR 84-14 (P & W) SPECIAL INSTRUCTIONS DATED 4-16-84 FRONT END OIL LEAK ISOLATION & REPAIR
			Engine I certify that this Propeller has been inspected in Aircraft FAR 91.169 (f) (4) accordance with and was determined to be in airworthy condition. Date 7-26-84 Meter 1204.7 FOR: <u>Emil A. Koon</u> EAGLE AVIATION, INC. COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA 29169 FAA APPROVED STATION NO. 5346 WORK ORDER NO. 59336

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

Description of Inspection, Repair and Overhaul
 Enter here general data with reference to inspections, alterations and repairs and overhaul.
 ALL DATA must be endorsed with the name, rating and certificate number of either the FAA
 Repair Station or the mechanic.

AUGUST 17, 1984 HOUR METER & TOTAL 1237.9
 HOT SECTION INSPECTION ACCOMPLISHED
 REINSTALLED IE OUT ASSY P/N 302060 S/N —
 CT DISC ASSY P/N 3013411 S/N 4H
 GROUND RUN & FLIGHT CHECK OK

APPROVED BY: <u>Emil A. Koon</u>
FOR:
EAGLE AVIATION, INCORPORATED
COLUMBIA METROPOLITAN AIRPORT
WEST COLUMBIA, SOUTH CAROLINA 29169
FAA APPROVED REPAIR STATION NO. 5346
WORK ORDER NUMBER <u>59464</u>

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS	
	Hours	10ths
19__		

Description of Inspection, Repair and Overhaul
 Enter here general data with reference to inspections, alterations and repairs and overhaul.
 ALL DATA must be endorsed with the name, rating and certificate number of either the FAA
 Repair Station or the mechanic.

PHASES I & II PER CESSNA

<u>Engine</u>
I certify that this <u>Propeller</u> has been inspected in
<u>Aircraft</u>
FAR 91.169 (f) (4)
accordance with
and was determined to be in airworthy condition.
Date <u>11-9-84</u> Meter <u>1290.1</u>
<u>Emil A. Koon</u>
FOR:
EAGLE AVIATION, INC.
COLUMBIA METROPOLITAN AIRPORT
WEST COLUMBIA, SOUTH CAROLINA 29169
FAA APPROVED STATION NO. 5346
WORK ORDER NO. <u>59843</u>

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

Description of Inspection, Repair and Overhaul
Enter here general data with reference to inspections, alterations and repairs and overhaul.
ALL DATA must be endorsed with the name, rating and certificate number of either the FAA
Repair Station or the mechanic.

Engine

I certify that this Propeller has been inspected in
Aircraft

FAR 91.169 (f) (4)
accordance with

and was determined to be in airworthy condition.

Date 3-15-85 Meter 1401.2

Emil H. Boon

FOR:

EAGLE AVIATION, INC.
COLUMBIA METROPOLITAN AIRPORT
WEST COLUMBIA, SOUTH CAROLINA 29169
FAA APPROVED STATION NO. 5346

WORK ORDER NO. 60428

PHASE 5 INSPECTION
PER CESSNA
④ ~~400 P/W SR 12053 P/W~~
~~FULL NOZZLE CONFIGURATION~~
C/W PJ 84.27 FULL SCAVENGE
LINE INSPECTION - FOUND NO
④ Entered in ERROR F. ④

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

S/N 12143

Description of Inspection, Repair and Overhaul

Enter here general data with reference to inspections, alterations and repairs and overhaul.
ALL DATA must be endorsed with the name, rating and certificate number of either the FAA
Repair Station or the mechanic.

I certify that this Engine Propeller has been inspected in
Aircraft
FAR 91.169 (f) (4)
accordance with
and was determined to be in airworthy condition.
Date 8-9-85 Meter 1491.1
Emil A. Koon
FOR: EAGLE AVIATION, INC.
COLUMBIA METROPOLITAN AIRPORT
WEST COLUMBIA, SOUTH CAROLINA 29169
FAA APPROVED STATION NO. 5346
WORK ORDER NO. 61086

PHASE 2 PER CESSNA NORMAL PROGRAM

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

Description of Inspection, Repair and Overhaul
Enter here general data with reference to inspections, alterations and repairs and overhaul.
ALL DATA must be endorsed with the name, rating and certificate number of either the FAA
Repair Station or the mechanic.

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

SERVICE BULLETIN, AIRWORTHINESS DIRECTIVE, SPECIAL INSPECTION AND OTHER MODIFICATIONS

[illegible]