

RIDGEAIRE
WORLDWIDE AVIATION

JOHNSON AVIATION
TYLER, TEXAS · KTYR



MAINTENANCE RECORDS

LEFT ENGINE

N425TB | Pratt & Whitney PT6A-112

SERIAL NUMBER	PCE-12142
POSITION	Left (#1)
OVERHAUL	Airwork Corp., Millville, NJ
OVERHAUL DATE	August 13, 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

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RIDGEAIRE, INC.

PO Box 361 | Jacksonville, TX 75766

(903) 586-1521 | ridgeaire.com

Book
#1

CESSNA CORSAIR ENGINE MAINTENANCE LOG

MANUFACTURER PRATT & WHITNEY
MODEL NO PT6A-112
SPECIFICATION 785 (C.E.T.A. E-15)
MFG. SERIAL NO. PC-E 12142
DATE OF MANUFACTURE FEBRUARY 1981

425-0068 L.H.

D5257-13

LH Engine Log #1
2/23/1981 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 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>81</u>			
<u>FEB 23</u>			NEW ENGINE FINAL ACCEPTANCE TEST AND INHIBITING RUN COMPLETED SATISFACTORILY AND CERTIFIED AIRWORTHY.
			PRATT & WHITNEY AIRCRAFT OF CANADA LTD. (D.O.T. COMPANY APPROVAL NO. 458) Manufacturing Inspection Department Approved Inspector <i>M. Hulst</i> 
			"This engine was serviced with Exxon Turbo 2B80 oil"

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

S/a

425-0068

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

ENGINE MAINTENANCE LOG

TE	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	
			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>2-19-82</u> Meter <u>201.6</u> <u>Emil H. Koon</u> Total <u>201.6</u> FOR: EAGLE AVIATION, INC. COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA 29169 FAA APPROVED STATION NO. 5346 WORK ORDER NO. <u>55942</u>

operations 344
Adjusted beta light switch

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			<i>OPERATIONS 142 PER CESSNA INSPECTION FORMS, installed</i> 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>Don 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>

compressor wash ring kit PER PFA-20
Flow checked fuel nozzles replaced
2 nozzles Accomplished compressor wash.

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

ENGINE MAINTENANCE LOG

ACCUMULATED TOTALS

Hours

10ths

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 ROTORCRAFT has been inspected
AIRCRAFT 71.717 (6)4

in accordance with ~~2.1~~ inspection
and was determined to be in airworthy condition.

Meter 407.8 Tach..... Total 407.8

Date 8-6-82 Signed Emil A. Koon

FOR:

EAGLE AVIATION, INCORPORATED

COLUMBIA METROPOLITAN AIRPORT
WEST COLUMBIA, SOUTH CAROLINA 29169
FAA APPROVED REPAIR STATION NO. 5346

WORK ORDER NUMBER 56534

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

Operations 3.44 Per logged

Changed oil / FLYON 2380
(Special inspection
maint manual 5-12-00 p.4

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-374 Per LOSSNA</i> <u>Engine</u> I certify that this Propeller has been inspected in Aircraft FAR 91.169 (1) (4) accordance with and was determined to be in airworthy condition. Date <i>2-25-83</i> Meter <i>598.2</i> <i>Paul A. Koon</i> FOR: EAGLE AVIATION, INC. COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA 29169 FAA APPROVED STATION NO. 5346 WORK ORDER NO. <i>57375</i> <i>compressor wash</i> <i>Flow checked fuel nozzles</i> <i>all found OK</i>

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-192 Per LOSSNA</i> <u>Engine</u> 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 <i>5-9-83</i> Meter <i>695.4</i> <i>Paul A. Koon</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>changed oil EXXON R380</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	
1983			
513	729	4	C/W P/W SIL EC-0014 Fuel nozzle 3 - nozzles are correct, P/W - nozzles flow checked satisfactory compressor work all accomplished 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>57768</u>
			TQ 900 RPM A/P 1868 ITT 560 NG 88⁷⁰ 255 FF TQ 1000 NP 1770 ITT 575 NG 88⁷⁰ FF 260

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

LEFT

ENGINE MAINTENANCE LOG N 68846

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 MAINTENANCE PROGRAM</u> I certify that this <u>Engine</u> <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>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 STATION NO. 5346 WORK ORDER NO. <u>87909</u> <u>REPLACED PROPELLER TACHOMETER</u> <u>S/N 334 OFF S/N 254 ON</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.

SPECIAL INSPECTION 1035142

Engine

I certify that this Propeller has been inspected in Aircraft

accordance with FAR 91.169 (f) (4)

and was determined to be in airworthy condition.

Date *10-21-83* Meter *897.2*

FOR: *Emil A Koon*

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

WORK ORDER NO. *57968*

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

LEFT ENGINE MAINTENANCE LOG *1168446*

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.

Engine

I certify that this Propeller has been inspected in Aircraft

accordance with FAR 91.169 (f) (4)

and was determined to be in airworthy condition.

Date *2-9-84* Meter *999.1*

FOR: *Emil A Koon TOTAL 999.1*

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

WORK ORDER NO. *58648*

*PHASE 4, 5 & 6 PERCESSA
STARTER/GENERATOR
BRUSHES & BEARINGS REPLACED
LH EXHAUST STUB REPLACED
Phase 9 - See Airframe Log*

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

LH ENGINE MAINTENANCE LOG S/N 12142
N68446

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	
			Engine I certify that this Propeller has been inspected in Aircraft FAR 91.169 (1) (4) accordance with and was determined to be in airworthy condition. Date <u>5-10-64</u> Meter <u>1100.2</u> <u>Eng. P. Koon</u> <u>1100.2</u> FOR: EAGLE AVIATION, INC. COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA 29169 FAA APPROVED STATION NO. 5346 WORK ORDER NO. <u>58034</u>
			PHASE 2 PERCESSNA PROGRAM PHASE 7 400 HOUR OR 12 MONTH OIL CHANGED EXXON 2380 AUTO FEATHER SWITCH REPLACED WITH P/N 9216487-13 FUEL NOZZLES FLOW CHECKED

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>Engine</u> 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 <u>7-26-84</u> Meter <u>1204.7</u> <u>Emil H. Koon</u> FOR: EAGLE AVIATION, INC. COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA 29169 FAA APPROVED STATION NO. 5346 WORK ORDER NO. <u>59336</u> PHASE 4 PER CESSNA PROGRAM C/W PJ 84-14 (P&W) SPECIAL INSTRUCTIONS DATED 4-16-84. FRONT END OIL LEAK ISOLATION & REPAIR -

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	
			AUGUST 17, 1984 HOUR METER & TOTAL 1237.9 HOT SECTION INSPECTION ACCOMPLISHED REINSTALLED IE DUCT ASSY P/N 3012060 S/N 194-486 C.T. DISC ASSY P/N 3013411 S/N 4H 024 BOTH REPAIRED BY AVIALL, CHARLOTTE NC. CRS 195C GROUND RUN AND FLIGHT TEST 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 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	
			PHASES I & II PLR CESSNA
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 <u>11-9-84</u> Meter <u>1299.1</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

N 68446

SN PL 12142

[illegible]

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 12-27-84 Meter 1346.9
Emil A. Koon
 FOR: EAGLE AVIATION, INC.
 COLUMBIA METROPOLITAN AIRPORT
 WEST COLUMBIA, SOUTH CAROLINA 29169
 FAA APPROVED STATION NO. 5346
 WORK ORDER NO. 60066

PHASE 2 INSPECTION PER CESSNA

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

168446

S/N PCE 12142

[illegible]

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 N. Koon

FOR:

ENGINE AVIATION, INC.
COLUMBIA METRO-OLTAN AIRPORT
WEST COLUMBIA, SOUTH CAROLINA 29169
FAR 91.169 (f) (4)
WCRK OR ER NO. 60428

PHASE 5 INSPECTION PER LESSON

Q/W PJ W SB 12053 R2
FULL NOZZLE CONFIGURATION
Q/W PJ 824-27 FULL SCAVENGE
LINE INSPECTION - FOUND OK
OK

⊛ Entered in ERROR F. try

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.

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 14911
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 INSPECTION
PER CESSNA NORMAL

MODIFICATION RECORD

SERVICE BULLETIN, AIRWORTHINESS DIRECTIVE, SPECIAL INSPECTION AND OTHER MODIFICATIONS

DATE 19 <u>83</u>	SERVICE BULLETIN NUMBER	OR	AIRWORTHINESS DIRECTIVE NUMBER	TITLE	SIGNATURE EAGLE AVIATION, INCORPORATED COLUMBIA METROPOLITAN AIRPORT WEST COLUMBIA, SOUTH CAROLINA EAA APPROVED REPAIR STATION NO. <u>ND 57768</u>
6-13	SILEC0014			Fuel nozzle inspection nozzle to correct P/W	
3-17-85	SB 12053 A2			FUEL NOZZLE CONFIGURATION	EAGLE AVIATION L.S. 8
ⓧ	Entered in ERROR F. Day				9/18/85