

N9745Y
Book 2



The Standard

ENGINE LOG

ASA-SE-1

Engine Record General Information

Manufacturer CONTINENTAL Model IO 470 K

Serial 92818R Type Certificate _____

This engine is currently installed in aircraft 35B33 N9745Y

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

[illegible]

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				CECIL AERO SERVICE, INC. I certify that this aircraft propeller engine has been inspected in accordance with <u>ANNUAL</u> inspection check list and found to be in airworthy condition. Date <u>19 SEP 14</u> Tac Time <u>1131.2</u>

YEAR: 2015 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
07	MAY 15	1131.8 TAC		Replaced IMPULSE coupling on Right MAGNETS. Reinstalled - Timed - ops + LEAK check NORMAL

ENGINE LOG ENTRY

CECIL AERO SERVICE, INC.

DATE: 02 NOV 15

ENGINE: IO-470K

SERIAL NBR: 92818R

AIRCRAFT: N9745Y

TOTAL TIME: 1744.6

TIME SMOH: N/A

TAC: 1138.0

Serviced and inspected engine per 35B33 inspection guide. Compression test #1 60/80 #2 74/80, #3 68/80, #4 74/80 #5 74.80 #6 74/80. Opened oil filter for inspection—found normal. Adjusted alternator belt tension. Serviced with 20W50 Phillips oil. Engine ops and leak check normal. I certify this engine has been inspected in accordance with an annual inspection check list and found to be in airworthy condition.

DATE _____

ENGINE: IO-470K**TOTAL TIME: 1750.9**

SERIAL NBR: 92818R

TIME SMOH: N/A

DATE: 22 FEB 17

AIRCRAFT: N9745Y

TAC: 1144.3

Serviced and inspected engine per 35B33 inspection guide. Compression test: #1 72/80 #2 74/80 #3 74/80 #4 72/80 #5 76/80 #6 76/80. Opened filter for inspection—found normal. Serviced engine with 20W50 S/C Phillips oil. Engine op and leak check normal.

I certify this aircraft has been inspected in accordance with an annual inspection check list and found to be in airworthy condition.

[illegible]

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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ENGINE LOG ENTRY

CECIL AERO SERVICE, INC.

DATE: 07 MAY 18

ENGINE: IO-470K

SERIAL NBR: 92818R

AIRCRAFT: N9745Y

TOTAL TIME: 1769.1

TIME SMOH: N/A

TAC: 1162.5

Serviced and inspected engine per 35B33 inspection guide. Compression test: #1 70/80 #2 76/80 #3 70/80 #4 76/80 #5 78/80 #6 76/80. Drained oil and removed oil filter. Opened filter for inspection—found normal. Serviced with 20W50 X/C Phillips oil and new CH48109-1 filter. Engine ops and leak check normal.

I certify this engine has been inspected in accordance with an annual inspection check list and found to be in airworthy condition. [REDACTED]

AIRCRAFT LOG

5-11-83
19757

REPLACE FLT BATTERY BY:

NOV 84
~~APR 28 1982~~

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
RED EAGLE AVIONICS CRS#: EHER536D ALTIMETER INDICATOR CALIBRATION Date: <u>4-27-16</u> Pilot's Altimeter: ☒ Copilot's Altimeter: ☐ Standby Altimeter: ☐ W/O No.: <u>9507</u>				#1 #2 / Standby Altimeter, Static Pressure, and Altitude Reporting Systems have been tested IAW FAR Part 43 Appendix E to comply with FAR 91.411. Systems tested to <u>29,000</u> feet. P/N or Model: <u>101627-C1696</u> S/N: <u>184191</u> Workorder No.: <u>9507</u> Date: <u>4-27-16</u> Signature: [REDACTED] RED EAGLE AVIONICS - CRS# EHER536D [REDACTED] Transponder P/N: <u>GTA346</u> S/N: <u>3EG001026</u> has been tested in accordance with FAR Part 43 Appendix F to comply with FAR 91.413. Workorder No. <u>9507</u> Date <u>4-27-16</u> Signature: [REDACTED] RED EAGLE AVIONICS - CRS# EHER536D [REDACTED]
Test Setting	Instrument Reading	Test Setting	Instrument Reading	
-1000	<u>-1020</u>	14000	<u>13960</u>	
0	<u>-20</u>	16000	<u>15950</u>	
500	<u>480</u>	18000	<u>17960</u>	
1000	<u>980</u>	20000	<u>19939</u>	
1500	<u>1480</u>	22000	<u>219</u>	
2000	<u>1980</u>	25000		
3000	<u>2980</u>	30000		
4000	<u>4000</u>	35000		
6000	<u>6000</u>	40000		
8000	<u>7980</u>	45000		
10000	<u>9939</u>	50000		
12000	<u>11960</u>	55000		
Form AIC-1 Rev. 1, 6/26/98				

DATE 19__	RECORDING TACH TIME	T F	 RED EAGLE AVIONICS, LLC	Date: 5/2/16	W/O: 9507	Registration: N9745Y	Tach: 1138.42
			Removed (1) Garmin GNS430 GPS/Nav/Com, and (1) Garmin GA56 Antenna. After factory upgrade to WAAS, installed (1) Garmin GNS430W GPS/Nav/Com, and (1) Garmin GA35 GPS WAAS Antenna.				
			Removed: (1) Northstar M1 Loran, (1) Garmin GTX330 Transponder, (1) King KT76A Transponder, and (1) ACK A-30 Blind Encoder. Installed: (1) Garmin GTX345 ADS-B Transponder, and (1) TCI SSD120-30N Nano Encoder. Configured GNS530W and GNS430W for ADSB operation.				
			Correlation test was performed per FAR 91.217. Transponder was tested IAW Part 43 Appendix F to comply with FAR 91.413. See separate log entry.				
			Work was performed in accordance with current Federal Aviation Regulations and manufacturer's instructions. Weight and balance and equipment list were revised. Reference was made to AC 43.13-1B and 2B, as applicable. See FMS and FAA Form 337 in aircraft maintenance records for details of this alteration. For ICA's reference the following: GNS430W - Garmin Document P/N: 190-00356-65, Rev D dated 11-20-14; GA35 Antenna - Garmin Document P/N: 190-00673-01, Rev. F, dated 08-27-07; GTX345 - Garmin Document P/N: 190-00734-11, Rev 3, dated 08-MAR-2016, Section 4. System ground checked good. Aircraft is approved for return to service with regard to the work performed.				
			Flight test accomplished and checked good. _____				

AIRCRAFT LOG ENTRY **CECIL AERO SERVICE, INC.** **DATE 22 FEB 17**
AIRCRAFT: 35B33 **REG NUMBER: N9745Y** **SERIAL NBR: CD-681**
TOTAL TIME: 3535.6 **PROPELLER SOH: 693.7** **TAC: 1144.3**
 Serviced and inspected aircraft per 35B33 inspection guide. Tested ELT per FAR 91.207d—checks good. Battery expires JAN 2018. C/W AD 76-07-12R1 by testing ignition switch per AD. Checks good. C/W AD 89-05-02 by inspecting elevator control fittings per SB 2242 Rev 1 All check good. C/W AD 2007-08-08 by inspecting and lubing main gear uplock rollers per AD. All check good. Replaced induction air filter.
 I certify this aircraft has been inspected in accordance with an annual inspection check list and found to be in airworthy condition. _____

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				 RED EAGLE AVIONICS, LLC Date: 9/8/17 W/O: 9868 Registration: N9745Y Tach: 1154.34 Removed (1) King KMA24 Audio Panel. Installed: (1) PS Engineering PMA8000BT Marker/Audio Panel, (1) Garmin Flight Stream 210 Bluetooth Gateway, and (1) EA 4.2-amp Charging Jack. The Flight Stream 210 was installed IAW Garmin GNS530W Installation Manual, P/N: 190-00357-02, Rev L. Configured GNS530W for Flight Stream 210. Work was performed in accordance with current Federal Aviation Regulations and manufacturer's instructions. Weight and balance and equipment list were revised. For ICA's reference the following: Flight Stream 210 - Garmin document P/N: 190-00357-65, Rev D, dated 11-20-14. Aircraft is approved for return to service with regard to the work performed.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
 ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

RED EAGLE AVIONICS
 CRS#: EHER536D
 ALTIMETER INDICATOR
 CALIBRATION

W/O No.:

10071

Date: 4-25-18

Pilot's Altimeter: ☒
 Copilot's Altimeter: ☐
 Standby Altimeter: ☐

Test Setting	Instrument Reading	Test Setting	Instrument Reading
-1000	980	14000	13940
0	+20	16000	15950
500	490	18000	17950
1000	980	20000	19930
1500	1480	22000	2190
2000	1980	25000	
3000	2980	30000	
4000	3980	35000	
6000	5970	40000	
8000	7970	45000	
10000	9950	50000	
12000	11950		

Form AIC-1
 Rev. 1, 5/30/08

Transponder P/N: GT-345 S/N: 3EG-001026
 has been tested in accordance with FAR Part 43
 Appendix F to comply with FAR 91.413.

Workorder No. 10071 Date 4-25-18

Signature: _____

RED EAGLE AVIONICS - CRS# EHER536D

#2 / Standby Altimeter, Static Pressure, and
 Altitude Reporting Systems have been tested IAW
 FAR Part 43 Appendix E to comply with FAR 91.411.
 Systems tested to 20,000 feet.
 P/N or Model: 101627-C1696 S/N: 184191
 Workorder No.: 10071 Date: 4-25-18

Signature: _____

RED EAGLE AVIONICS - CRS# EHER536D

2A36C23-PFG / S84B-0

S/N 805707



NEW ENGLAND PROPELLER SERVICE, INC.

Propeller Logbook

DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS

PROPELLER LOG ENTRY CECIL AERO SERVICE, INC.

DATE: 02 NOV 15

PROPELLER: 2A36C23 SERIAL NBR: 805707 TIME SOH: ^{687.4}~~610.1~~ RR TAC: 1138.0

Dressed Minor nicks. I certify this propeller has been serviced and inspected in accordance with an annual inspection check list and found to be in airworthy condition [REDACTED]

DAT

PROPELLER LOG ENTRY CECIL AERO SERVICE, INC.

DATE: 22 FEB17

PROPELLER: 2A36C23 SERIAL NBR: 805707 TIME SOH: 693.7 TAC: 1144.3

I certify this propeller has been serviced and inspected in accordance with an annual inspection check list and found to be in airworthy condition. [REDACTED]

PROPELLER LOG ENTRY CECIL AERO SERVICE, INC.

DATE: 07 MAY 18

PROPELLER: 2A36C23 SERIAL NBR: 805707 TIME SOH: 711.9 TAC: 1162.5

I certify this propeller has been serviced and inspected in accordance with an annual inspection check list and found to be in airworthy condition. [REDACTED]