

ENGINE LOG

EF5-1

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9-12-83		<p>MAJOR Overhauled Engine S/n 20026-0-9-C As per cont. Overhaul Manual Installed the following New parts, set Rod And Main Bearings No 10, Rod Bolts And Nuts, Piston Pin Bushings, crankshaft, lifter Bodies And Plumbers, 2 counter weights. C/w Bushings, pins, pistons And locks, pistons, Piston Pins, Rocker Shafts, Piston Rings, Intake And Exhaust Guides, Intake And Exhaust seats, Intake And Exhaust Valves timer And cutter Valve Springs, 6 Crowned Cyls to STD, Sport plugs, Engine Mount Bushings, Inb. Harness, M.S. pin fit 10 or 24610 H/I parts Rebuilt con Rods, Ground Crankshaft .010 under Overhauled M.B.S. Starter And Corb. For Further Details see Flightcrafts WO# 99718</p>

ITEM Engine MAKE Cont.
 MODEL 0-300-C SN 20026-0-9-C
 THE AIRCRAFT AND OR COMPONENT IDENTIFIED
 ABOVE WAS REPAIRED AND INSPECTED IN ACCORD-
 ANCE WITH CURRENT FEDERAL AVIATION REGU-
 LATIONS AND APPROVED FOR RETURN TO SERVICE.
 DATE 9-12-83 SIGNATURE Cherryfield
 FLIGHTCRAFT INC. ARS 4126
 PORTLAND INTERNATIONAL AIRPORT

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4-20-84	1444	<p>Tack Time = 1443 Time SMO H = 1.0</p> <p>Installed This Engine In A Cessna 170A (SN 19355) (N9161A) After Overhaul By Flightcraft Of Portland, Oregon. See WO. 99718</p> <p>Left Mag Is SN 600609, Right Mag Is SN 600610. The Following Bendix ADs Have Been Checked For Compliance Or Were Completed With By Overhaul:</p> <ul style="list-style-type: none"> AD 73-07-04 Rotors & Coils AD 74-26-09 Steel Drive Shaft AD 78-09-07 R3 Impuls & Coupling SB 599 B AD 82-20-01 Impuls & Coupling SB 623 <p>The Carburetor SN 4016373, Generator SN 110189020-A-12 were Also Overhauled. See Page 5 For AD Compliance Record.</p> <p>"I Certify That This Engine Has Been Inspected In Accordance With An Annual Inspection And Was Determined To Be In Airworthy Condition"</p> <p style="text-align: right;">Daniel Beltrami f AP 1547976 IA</p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
07-13-85	Tack Time = 1534	Time SMOH = 92 -
		<p>Checked Compression - All Cylinders @ $\frac{89}{80}$, Cleaned Spark Plugs, Checked Timing, Changed Oil - Using Compounded Oil, Cleaned All Screens, Replaced Brackett Air Filter, Carbon Monoxide Sniff Tested Exhaust System, Checked APs See Page 5 For AD Hist And Compliance.</p> <p>"I Certify that this Engine Has Been Inspected In Accordance With An Annual Inspection And Was Determined To Be In Airworthy Condition".</p> <p>Daniel F Beltoni AP 1547976 IA</p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
05-24-86	Tack	Time = 1570 Time SMOH = 134 Hours - Checked Compression - All Cylinders @ $\frac{80}{80}$ Changed Oil Installed New Oil Quick Drain On Oil Sump. Checked All ADs To Date See Page 5 For AD List And Compliance Record.

I Certify That This Engine Has Been
Inspected In Accordance With An Annual
Inspection And Was Determined To Be In
Airworthy Condition

Daniel A Beltrami AP1547976 IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	---

-22-87	Tack Time = 1609	Total Time SMOH = 157 - Checked Engine Compression #1 = $\frac{77}{80}$ #2 = $\frac{80}{80}$ #3 = $\frac{80}{80}$ #4 = $\frac{80}{80}$ #5 = $\frac{80}{80}$ #6 = $\frac{80}{80}$
--------	------------------	---

Changed Oil Using Arshell Compound #80 Grade.
 Cleaned Screens, Checked All ADs To Date See
 Page 5 For AD List. Annual Inspection In
 Accordance With FAR 43 Appendix D.

I Certify That This Engine Has Been Inspected
 In Accordance With An Annual Inspection
 And Was Determined To Be In Airworthy
 Condition.

Daniel A. Beltrami AP 1547976 IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	---

7-17-88	Tack Time = 1637 Time SMOH = 185	Checked Compression At #1 = $\frac{29}{80}$ #2 = $\frac{29}{80}$ #3 = $\frac{29}{80}$ #4 = $\frac{29}{80}$ #5 = $\frac{29}{80}$ #6 = $\frac{29}{80}$ Changed Oil AeroShell Grade 80 Composed - Complied With AD 66-05-04 R1 Amendment 39-5122 Which Revokes AD 66-05-04 Amendment 39-189 By Informing The Owner About The Conditions Set Forth In Facet Aerospace Bulletin No A1-84A.
---------	-------------------------------------	--

Annual Inspection In Accordance With FAR
 43 Appendix D - I Certify That This Engine
 Was Inspected In Accordance With An
 Annual Inspection And Was Determined
 To Be In Airworthy Conditions.
 Daniel Beltrami AP 1547976 IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-14-89	Tack Time = 1671 Time SMOH = 219	Changed Oil Using Arshell Compounded Grade 80. Checked Compression Of All Cylinders At 29/80. Annual Inspection In Accordance With FAR 43 Appendix D.
		I Certify That This Engine Was Inspected In Accordance With An Annual Inspection And Has Been Determined To Be In Airworthy Condition.
		Daniel Beltrami / AP1547976 IA.

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
-20-90	Tack Time = 1692	<p>Total Time SMOH = 240 Hrs</p> <p>Changed Oil Using Aeroshell Compounded 80 Grade. Compression Checked At $7\frac{1}{8}$ On All Cylinders. Annual Inspection IAW FAR 43 Appendix D. I Certify that this Engine Has Been Inspected In Accordance With An Annual Inspection And Was Determined To Be In Airworthy Condition.</p> <p>Daniel A Beltrami / AP 1547976 IA</p>
11-23-91	Tack Time = 1697	<p>Total Time SMOH = 245</p> <p>Changed Oil Using Aeroshell Compound 80 Grade Oil - Performed Annual Inspection IAW FAR 43 Appendix D - I Certify that this Engine Has Been Inspected IAW An Annual Inspection And Was Determined To Be In Airworthy Condition.</p> <p>Daniel A Beltrami / AP 1547976 IA</p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-13-93	Tack Time = 1741	Total Time SMOH = 245 Changed Oil Using Aeroshell Compounded 80 Grade. - Performed Annual Inspection IAW FAR 43 Appendix D. - I Certify that this Engine Has Been Inspected IAW An Annual Inspection And Was Determined To Be In Airworthy Condition. Donald Beltran / AP1547976 IA
3-24-94	Tack Time = 1794	Time SMOH = 298 hrs Changed Oil Using Aero Shell Compounded 80 Grade Oil. AD 93-18-03 Amendment 39-8688 Precision Carburetor, Single Piece Venturi Needs To Be Complied With No later than Oct 29 1997. AD 94-06-09 Bendix Magneto (TCM) Capacitor Failure Not Applicable Due To Wrong Part Number Magneto Compression Test = 1 = $\frac{28}{80}$ 2 = $\frac{89}{80}$ 3 = $\frac{89}{80}$ 4 = $\frac{89}{80}$ 5 = $\frac{89}{80}$ 6 = $\frac{89}{80}$ Donald Beltran / AP1547976

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-19-95	Total Time = 1833	Tack Time = 1833 Time Since Major OH = 337 Hrs. AD94-01-03 R1 Amendment 39-9006 Magneto Rotors & Coils, Previously Complied With By Installation Of Current Production Rotors And Coils. Changed Oil Using Aero Shell Compounded 80 Grade Oil. Compression Checked At 80% On All Cylinders Daniel A Beltrami / AP1547976
8-19-95		Propeller Overhauled By Western Aircraft Propeller Service Inc And Installed On This Engine See Work Order 13320 Daniel A Beltrami / AP1547976
6-7-97	Total Time = 1872 Hrs	Tack Time = 1872 Hrs Time SMOH = 325 Hrs Changed Oil Using Aero Shell 80 Grade Compounded Oil. Daniel A Beltrami / AP1547976

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-23-97	Total Time = 1872 Hrs	Tach Time = 1872 Hrs Time Since Major OH = 1872 Hrs. 429 Hrs
		Did Compression Check At 80 On All Cylinders. Daniel & Beltran / AP1547976
9-4-98	Tach Time = 1888	Total Time = 1888 Time SMOH = 445
		AD96-12-07 Amendment 39-9649 Bendix Impulse Coupling To Be Complied With @ 1943 Hrs Tach Time.
		Changed Oil Useing Aero Shell #80 grade Oil
		Cleaned Screen. Compression Check #1 = 74/80 2 = 80/80
		3 = 79/80 4 = 78/80 5 = 79/80 6 = 80/80
		Daniel & Beltran AP1547976
9-29-98	Tach Time = 1888	Total Time = 1888 Time SMOH = 445
		AD93-18-03 Amendment 39-8688 Single Piece Venturi Complied With
		By Installation Of A Single Piece Venturi By Flightcraft Inc.
		Under WO #131288A. And Installation Of Metal Floats
		Daniel & Beltran / AP1547976 IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
06-06-2000		Tach Time = 1915, Total Time = 1915, Time SMO H = 472 Hrs Changed Oil Using Aero Shell 80 Grade Oil. Cleaned Oil Screen. Did Compression Check #1 = $\frac{74}{80}$ #2 = $\frac{78}{80}$ #3 = $\frac{77}{80}$ #4 = $\frac{80}{80}$ #5 = $\frac{74}{80}$ #6 = $\frac{74}{80}$ Daniel & Beltrami AP1547976
02-13-03		Tach Time = 1931, Total Time = 1931, Time SMO H = 488 Hrs Changed Oil Using Aero Shell 80 Grade Oil, Cleaned Oil Screens. Daniel & Beltrami AP1547976
04-14-03		Tach Time = 1931 Total Time = 1931 Installed 6 Newly Overhauled Exhaust Stack Risers, Overhaul Done By Wall Calmoney Corp, Repair Sta #BG2R715K. Installed 6 New Garlock Blow Out Proof Gaskets Daniel & Beltrami AP1547976

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
08-02-04	Total Time = 1945 Hrs	Tach Time = 1945 Hrs Time SMOH = 502 Hrs AD96-12-07 Amendment 39-9649 TCM (Bendix) Magneto's Impulse Couplings, Complied With By Inspection of Magneto Stop Pin To Fly Weight Clearance Check, IAW TCM SB MS645. Next Inspection Due In 500 Hrs Or At 2445 Hrs Tach Time, Daniel A Beltrami / AP1547976.
12-04-05	Total Time = 1953 Hr.	Tach Time = 1953 Hrs Time SMOH = 510 Hrs Changed Oil Using Aeroshell W. 80 grade Oil. Daniel A Beltrami / AP1547976
12-01-06	Total Time = 1961 Hr.	Tach Time = 1961 Hr Time SMOH = 518 Hr. Changed Oil Using Aeroshell W. 80 grade Oil. Installed 12 New Unison VR EM 40E Spark Plugs. Daniel A Beltrami. AP1547976 IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
03-05-08	Total Time = 1973 Hrs	Time Since Major Overhaul = 530 Hrs Changed Oil Using Aero Shell W 80 Grade Oil, Cleaned Oil Screens. Daniel & Bethany / AP1547976
03-19-2009	Tach Time = 1984	Total Time = 1984 Time Since M.O.H. = 531 Hrs Changed Oil Using Aero Shell W 80 Grade, Cleaned Oil Screens, Compression at 1 = $\frac{76}{80}$ 2 = $\frac{78}{80}$ 3 = $\frac{78}{80}$ 3 = $\frac{76}{80}$ 4 = $\frac{76}{80}$ 5 = $\frac{76}{80}$ 6 = $\frac{74}{80}$ Daniel & Bethany / AP1547976
→ See Correction To Engine Total Time Entry Dated April 20, 2010 →		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Apr 20, 2010	20	<p><u>Correction To Total Engine Time, —</u> On July 22, 1964 This Engine Was Removed From A Cessna 172 (N7255T) And Installed In A Cessna 170A (N9141A) At That Time The Engine Had 1032 Hours On It. At The Same Time A New Recording Tachometer Was Installed Which Was Set To "Zero" Hours. Over Time, Maintenance Personnel Started To Record The Tachometer Time As The Engine Total Time Since New, Thus "Loosing" The Original 1023 Hours Of Total Time In Service For The Engine. The Actual Corrected Times From <u>March 19, 2009</u> Is:</p>
Engine Total Time Since New =		2995 Hrs
Tachometer Time =		1984 Hrs
Time Since (2nd) Major Overhaul =		542 Hrs.
		David A. Belcher # AP154796

Avs
de

1 Hr

74/80



INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	---

April 30, 2010 Tachometer Time = 1986,
 Total Time Since New = 2997
 Time Since Major Overhaul = 544 Note
 correction made to Engine times Dated April 20,
 2010.

Compression test = 1 = 75/80, 2 = 75/80, 3 = 76/80, 4 = 75/80,
 5 = 76/80, 6 = 74/80.

Daniel F Beltram AP1547976

Jan 3, 2011

Tachometer Time, = 1998 Hrs
 Total Time Since New = 3010 Hrs
 Time Since Major Overhaul = 556 Hrs
 Changed Oil Useing 100 Grade Aero Shell W
 Plus Oil. Cleaned Oil Screen. Checked
 Engine Compression. Cleaned Bottom
 Spark Plugs.

Daniel F Beltram AP1547976

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4-11-2011		<p>TACH TIME: 2023 Hrs</p> <p>TOTAL TIME IN SERVICE: 3035 Hrs</p> <p>TSOH: 581 Hrs</p> <p>Changed oil using 100 grade Aeroshell w Plus oil. Cleaned oil screen.</p> <p>M Heidenreich ATP 3226566.</p>
7-16-11		<p>TACH TIME: 2049 Hrs</p> <p>TOTAL TIME IN SERVICE: 3061 Hrs</p> <p>TSOH: 607 Hrs</p> <p>Changed oil using 100 grade Aeroshell w plus oil. Cleaned oil screen.</p> <p>M Heidenreich ATP 3226566.</p>
9-11-11		<p>TACH TIME: 2068 Hrs, TOTAL TIME IN SERVICE: 3080^{1/2}</p> <p>TSOH: 626⁶²⁶ Hrs. Changed oil using Aeroshell w 100 oil</p> <p>Cleaned oil screen</p> <p>M Heidenreich ATP 3226566</p>

Mixing control and

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9-11-11	3080 hrs	<p>N9161A Cessna 170 B Tach 2068 Removed #6 cylinder due rocker boss failure. Installed used serviceable cylinder. C/W AD 94-05-05 rt by dye check cylinder rocker boss. New gasket & seals installed. Run up & checked for operation & leaks.</p> <p>APP 1535522</p> <p>Charles R Ferrell</p>
11-5-11	3106 Hrs	<p>Tach time: 2094 hrs, TSOH: 652 hrs. Changed oil w/ aeroshell w100 plus, cleaned oil screen.</p> <p>M. Heiderreich APP 3226566</p>
<p>Spark plug gap 19000ths</p>		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-1-12	3133 3100 hrs	Tach 2110. TSO. 658 checked Compression #1-76 #2-79 #3-80 #4-79 #5-78 #6-76 cleaned and gapped SPARK PLUGS.
<p>Date <u>2-1-12</u> Tach Time <u>2110</u></p> <p>I certify that I have inspected this <u>ENGINE</u> in accordance with a <u>ANNUAL</u> inspection and found it to be in an airworthy condition.</p> <p>Total Time <u>3133</u> T.S.O. <u>658</u></p> <p><u>Ralph Huy</u> Ralph Huy A & P 549540228 LA.</p>		
3-2-12	3131 hrs	Tach Time: 2119 hrs, TSOH: 677 hrs. Changed oil w/ Aeroshell w100 plus, cleaned oil screen. M. Heidenreich ATP 3226566.
6-25-12	3156 hrs	Tach time: 2144 hrs, TSOH: 702 hrs. Changed oil w/ Aeroshell w100 plus, cleaned oil screen. M. Heidenreich ATP 3226566

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-17-12	3182 hrs	Tach time 2170 hrs, T.S.O.H 728 hrs; Changed oil w/ aeroshell w100+, cleaned oil screen. R. Heidenreich ATP 3226566
3-3-13 (S.B. 2013)	3215	Tach 2192 TSO 767 Repaired C/H Multiplier. checked compression #1-74 #2-74 #3-74 #4-76 #5-75 #6-76 Date <u>3-3-13</u> Tach Time <u>2192</u> I certify that I have inspected this <u>ENGINE</u> in accordance with an <u>APNDM</u> inspection and found it to be in an airworthy condition. Total Time <u>3215</u> T.S.O. <u>767</u> <u>Ralph Huy</u> Ralph Huy A & P 549540228 I.A.
6-25-13	3232	Tach time 2218 hrs, T.S.O.H 780 hrs. Changed oil w/ aeroshell 100, cleaned oil screen R. Heidenreich ATP 3226566

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
oil 10-11-13	3258	Tach time 2240 hrs, T.S.O.H. 806 hrs, changed oil w/aeroshell 100, cleaned oil screen. R Heidenreich ATP 3226566
12-13-13	3283	Tach time 2265 hrs, T.S.O.H. 831 hrs, changed oil w/aeroshell 100, cleaned oil screen. R Heidenreich ATP 3226566
2-21-14	3308	Tach time 2290 hrs, T.S.O.H. 856 hrs, changed oil w/aeroshell W100+, cleaned oil screen. R Heidenreich ATP 3226566
Tach time		
2297.8	3316	<p>Performed cylinder leak down check: #178, #278, #364, #478, #577, #679/80 psi. Borescoped cylinders all showed sign of normal for engine hours.</p> <p>All applicable ADs </w owner provide compliance report Dated 4-5-2014 content 3-17-2014 operational check OK to return to service.</p> <p style="text-align: right;">J. Radloff 2935886</p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p style="text-align: center;">A/C REG. # <u>N9161A</u> DATE <u>4-5-2014</u> TOTAL A/C TIME _____ HRS. TACH TIME <u>2297.8</u></p> <p style="text-align: center;">^{Engine} I CERTIFY THAT THIS AC ^{ENGINE} HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) <u>ANNUAL</u> 100 HR INSPECTION AS PER <u>FAR 43.900 D</u> AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p style="text-align: center;"><u>S. Radcliffe</u> <u>2735886A.P.I.A</u> SIGNATURE CERTIFICATE NO./TYPE</p>
5-14-14	2315 <u>3333</u>	Tach time 2315 hrs, T.S.O.H 881 hrs, changed oil w/ aeroshell 100+ M. Henderson ATP 3226566
7-25-14	3359	Tach time 2341 hrs, T.S.O.H 907 hrs, changed oil w/ aeroshell 100+, cleaned screen. M. Henderson ATP 3226566
10/18/14	3383	Tach time 2365 hrs, T.S.O.H 931 hrs. Changed oil w/ aeroshell 100+, M. Henderson ATP 3226566
11/26/14	3408	Tach time 2390 hrs, T.S.O.H 956 hrs. Changed oil w/ aeroshell 100+, cleaned screen M. Henderson ATP 3226566
2/13/15	3434	Tach time 2416 hrs, T.S.O.H 982 hrs. Changed oil w/ aeroshell 100+ M. Henderson ATP 3226566
4/8/15	3459	Tach time 2441 hrs, T.S.O.H 1007 hrs changed oil w/ aeroshell 100+ M. Henderson ATP 3226566

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-15	Tach 2478.1	<p>Cleaned + Rotated spark plugs. Changed oil</p> <p>performed cylinder leak down check as follows: #1 75 #2 25 #3 15 #4 77 #5 73 #6 72/80 psi</p> <p>Borescoped cylinders #3 showed signs of burnt valve, Owner has AD compliance reports no new ADs.</p> <p>OK to return to service after #3 cylinder repaired</p> <p>Stadelhoff, 2735886 A+P IA</p>

A/C REG. # N9161A DATE 7-7-2015
 TOTAL A/C TIME _____ HRS. TACH TIME 2478.1
 Engine

I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL 100 HR INSPECTION AS PER FAR 43.800 D11 AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Stadelhoff 2735886 A+P IA
 SIGNATURE CERTIFICATE NO./TYPE

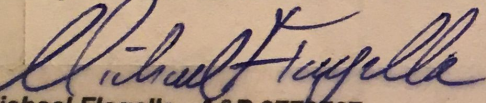
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	---

Date: 6/30/2015 **Aircraft:** Cessna **Model:** C-170A **S/N:** 19355 **TTAF:** 3466.3 **Tach:** 2448.1 **Hobbs:** N/A
Engine: Continental **Model:** O-300-A **S/N:** 20026-D-9-C **TTE:** 3466.1 **TSMOH:** 1014.1

Replaced cylinders #3 and #6 with cylinder assemblies overhauled by Air West Engines. (Replaced intake and exhaust valves, valve guides, valve keys, valve springs, intake & exhaust rocker arms & piston ring sets. Piston #3 also serviced, inspected and reinstalled.) Reconfigured intake and exhaust rocker arms for cylinder #1 to intake and exhaust ports. Installed cylinders using new cylinder base gaskets (TCM21477), push rod tube seals (AEC539840), intake gaskets (AEC22250 and SA22250) and exhaust flange gaskets (AEC627429 and SA632837). Reinstalled left and right magnetos, overhauled by Savage Magneto Service (Bendix, Model S6LN-21, part number 10-51365-39) and timed to engine. Cleaned and gapped spark plugs. Performed oil change with 100W straight mineral oil. Replaced carburetor mounting stud (SA401893) and gasket (TCM21051 Continental 652105). Ground operational checks OK - no leaks noted. Above work performed in accordance with Continental Parts (X30014) and Continental Overhaul (X30013) Manuals, TCM Service Bulletin (SB96-7C) and Cessna Model 170A Parts Catalog (P107TR1-12). ----- END -----

This aircraft and/or components were repaired in accordance with current practices and found to be in condition for safe operation for work specified. ---END---

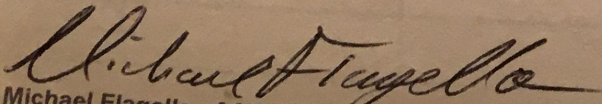

 Michael Flagella A&P 3772707

7-18-15	3476	2458.3 TACH TIME, 1024 SMOIT drained mineral oil after 10 hours, replaced w/ mineral oil D. M. Muddareic ATP 3220566
---------	------	---

Date: 9/11/15 **Aircraft:** Cessna **Model:** 170A **S/N:** 19355 **TTAF:** 3494.8 **Tach:** 2476.6 **Hobbs:** N/A
Reg: N9161A **Engine:** Continental **Model:** O-300-A **S/N:** 20026-D-9-C **TTE:** 3494.8 **TSMOH:** 1042.6

Checked magneto timing and high-tension leads. Cleaned and gapped spark plugs, and reinstalled with new copper crush gaskets. Fabricated and installed new oil pan baffle bracket. Above work performed in accordance with Continental Parts (X30014) and Continental Overhaul (X30013) Manuals. --- END ---

This aircraft and/or components were repaired in accordance with current practices and found to be in condition for safe operation for work specified. ---END---


 Michael Flagella A&P 3772707

1. Approving Civil Aviation Authority/Country:

FAA/United States

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

17033

4. Organization Name and Address:

Air West Aircraft Engines 20999 Skywest Dr. Hayward CA 94541

5. Work Order/Contract/Invoice Number:
17033-03-2016

6. Item:

1
Carburetor

7. Description:

8. Part Number:
10-4895-1

9. Quantity:
1

10. Serial Number:
4016373

11. Status/Work:
Repair

12. Remarks:

Repaired carburetor P/N 10-4895-1 S/N 4016373. Replaced pump plunger assembly P/N 194-593 and installed float assembly Epoxy P/N 30-864 per installation instructions E-100 and Marvel Schebler overhaul maul. Carburetor leak test OK.

13a. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in condition for safe operation.
- Non-approved design data specified in Block 12.

14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 12

Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:

13c. Approval/Authorization No.:

14b. Authorized Signature:

14c. Approval/Certificate No.:
CRS#TV3R881L

13d. Name (Typed or Printed):

13e. Date (dd/mmm/yyyy):

14d. Name (Typed or Printed):
Abdul Anvari

14e. Date (dd/mmm/yyyy):
22/03/2016

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with national regulations by the user/installer before the aircraft may be flown.

NSN: 0052-00-

INSPECTION & MAINTENANCE

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9-30-15	3500	2482.4 TACH TIME, 1048 SMOH, oil after 24 hrs, replaced w/ Aeroshell 100+ mineral oil M Heidebreich 3226566 ATP
12-26-15	3526	2508 Tach time, 1074 SMOH, changed oil w/ Aeroshell 100+ W100+ M Heidebreich 3226566 ATP

Date: 3/23/2016 Aircraft: N9161A Model: Cessna 170A S/N: 19355 Tach: 2525.9 hr
 Engine: Continental Model: O-300-A S/N: 20026-D-9-C

1. Carburetor repaired by Air West Engines (see W.O. 17033-03-2016). Replaced pump plunger assembly (P/N 194-593) and installed float assembly Epoxy (P/N 30-864).
2. Installed carburetor using new gaskets (TCM P/N 21051 and P/N 21323).
3. Ground operational checks OK. No leaks noted.
4. Above work performed in accordance with Continental Parts (X30014) and Overhaul (X30013) Manuals.

This aircraft and/or components were repaired in accordance with current practices and found to be in condition for safe operation only for work specified. -----END-----

Michael Flagella
 Michael Flagella A&P 3772707

4-19-16	3551	2533 Tach Time 1099 SMOH, changed oil w/ Aeroshell 100+ W100 + M Heidebreich 3226566 ATP
7-30-16	3573	2555 Tach time, 1121 SMOH, changed oil w/ Aeroshell 100+ W100+, clean screen M Heidebreich 3226566 ATP
11-6-16	3598	2580 Tach time, 1146 SMOH, changed oil w/ Aeroshell 100+ W100+ M Heidebreich 3226566 ATP

...: N/A

...e guides,
 ...onfigured
 ...M21477),
 ...632837),
 ...l timed to
 ...A401893)
 ...ance with
 ...OA Parts

...tion for

...obbs: N/A

...ted and installed
 ...s. --- END ---

...for work

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
<p>Date: 8/6/2016 Aircraft: N9161A Model: Cessna 170A S/N: 19355 Tach: 2555.4 hr Engine: Continental Model: O-300-A S/N: 20026-D-9-C</p>		
<ol style="list-style-type: none"> 1. Performed 100-hr inspection and service items per Continental O-300-A Operator's Manual (X30015). 2. Checked cylinder compression. Compressions were as follows: #1: 76/80, #2: 79/80, #3: 78/80, #4: 77/80, #5: 78/80, #6: 76/80. 3. Checked magneto timing. No adjustment needed. 4. Changed engine oil (6 qts Aeroshell 100W+. Inspected oil screen – no metals noted.) 5. Serviced spark plugs and adjusted gaps. 6. Serviced gascolator. 7. Ground operational checks OK. 8. AD compliance checked and found current thru 8/5/2016. 9. Above work performed in accordance with Continental Operator's Manual (X30015). <p>This engine and/or components were repaired in accordance with current practices and found to be in condition for safe operation only for work specified. -----END-----</p>		
<p><i>Michael Flagella</i> Michael Flagella A&P 3772707</p>		
		<p>A/C REG. # <u>N9161A</u> DATE <u>8-6-2016</u> <small>Smooth</small> TOTAL A/C TIME <u>1134</u> HRS. TACH TIME <u>2555.4</u> <small>Engine</small></p>
<p>I CERTIFY THAT THIS IS HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR INSPECTION AS PER FAR 43.9 and Dth AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p>		
<p><i>SC Rodolfo</i> <u>2735886 A+P IA</u> SIGNATURE CERTIFICATE NO./TYPE</p>		
2-12-17	3622	<p>2604 Tach Time, 1170 smoh, changed oil w/ aeroshell w100t, clean screen w/ Honda brush, ATP 3226566</p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-13-17	3648	2630 Tach Time, 1196 smotl, drained oil
11-1-2017	3648.0	<p>2630 Tach Performed cylinder leak down check as follows: #1 75 #2 78 #3 78 #4 76 #5 76 #6 72 / 80 psi. borescoped cylinder all showed normal signs for engine hours, Check mag timing to engine OK. Operational checks OK to return to service. St Radloff 2735886 A+P IA</p>
		<p>A/C REG. # <u>D9161A</u> DATE <u>11-1-2017</u> smotl TOTAL A/C TIME <u>1188.0</u> HRS. TACH TIME <u>2630.0</u></p> <p>I CERTIFY THAT THIS ^{aircraft} air HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL / 100 HR INSPECTION AS PER FAR 43 and "D" AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p><u>St Radloff</u> <u>2735886 A+P IA</u> SIGNATURE CERTIFICATE NO./TYPE</p>
5-9-18	3673	<p>2655 Tach Time, 1221 smotl, changed oil w/aeroshell 100+ <u>W. DeLorech ATP 3226566</u></p>

INSPECTION & MAINTENANCE RECORD

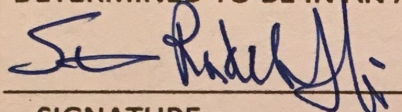
DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-27-18	3698	2680 Tach hrs, 1246 SMOH changed oil with Aeroshell 100+ Henderson ATP 3226566
11-4-18	3723	2705 Tach hrs, 1271 SMOH changed oil with Aeroshell 100+ Henderson ATP 3226566

Date: 1/17/2019 #N9616A Tach: 2710.0
 Performed cylinder leak down check as follows:
 #1,71 #2,72 #3, 72 #4, 68, #5,68#6,62/80psi.
 Bore scoped cylinders all showed normal signs.
 Replaced sparkplugs, wiring harness and left mag overhauled by Aircraft magneto service W/O# 19098. Mags timing to engine Okay.
 Operational checks performed no leaks Okay to return to service.

Steve Radcliffe 2735886 A&P IA

Steve Radcliffe

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		ENGINE REG.#N9616A DATE 1/17/ 2018 2019 TOTAL ENGINE TIME <u>1268.0</u> HRS TACH TIME 2710.0 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AS PER FAR 43 APP. "D" AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.  SIGNATURE 2735886 A/P IA CERTIFICATE NO./TYPE
	Sme #	
3-22-19	3748	2730 Tach hrs 1296 SMOH changed oil with Aeroshell 100+ <i>M. Henderson</i> ATP 3226566
5-11-19	3767	2749 Tach hrs 1315 SMOH changed oil with Aeroshell 100+ <i>M. Henderson</i> ATP 3226566
7-24-19	3793	2775 Tach hrs 1341 SMOH Changed oil with Aeroshell 100+ <i>M. Henderson</i> ATP 3226566
10-17-19	3818	2800 Tach hrs 1366 SMOH changed oil w/aeroshell 100+ <i>M. Henderson</i> ATP 3226566

with
 226566
 with
 66

INSPECTION & MAINTENANCE RECORD

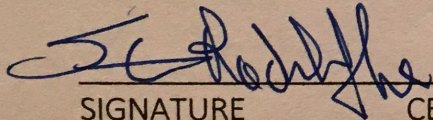
DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12-26-19	3843	2825 TACH HRS, 1391 SMOH changed oil with Aeroshell W100+ AIPendenreich #TP3226566

ENGINE

N9161A | 01/04/20 | SMOH 1407.1 | Tach: 2849.1

Annual

Inspected screen no foreign debris found. Removed spark plugs, cleaned, gapped, tested, rotated and reinstalled. Performed cylinder leak down check results as follows: #1 73, #2 78, #3 70, #4 74, #5 72, #6 70 all over 80 psi. Bore scope cylinders all showed normal signs for engine hours. Checked mag timing to engine, both mags timed to specification on Right 26 deg. Left 28 deg. Operational checks performed by run up and visual inspection for leaks; no defects noted. All work performed in accordance to Continental Overhaul Manual and in reference to AC 43.13-1B. Engine is approved for return to service with respect to work performed. —end—

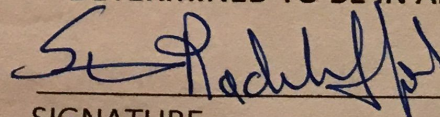


SIGNATURE

Steve Radcliffe

AP2735886IA
CERTIFICATE NO./TYPE
w/o 0057

ENGINE REG NO. N9161A DATE 2/5/2020
TOTAL TIME SMOH 1407.1 HRS | TACH TIME 2849.1
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN
ACCORDANCE WITH AN ANNUAL
INSPECTION AS PER FAR 43 APP. "D" AND WAS
DETERMINED TO BE IN AN AIRWORTHY CONDITION.



SIGNATURE

Steve Radcliffe

2735886 A&P IA
CERTIFICATE NO./TYPE
W/O 0057

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-20-20	3868	2850 TACH HRS, 1416 SMOH changed oil with Aeroshell W100 M Hudenreich ATP 3226566
8-15-20	3893	2875 TACH Hrs, 1441 SMOH changed oil with Aeroshell W100+ M Hudenreich ATP 3226566
10-10-20	3913	2895 TACH Hrs, 1461 SMOH changed oil with aeroshell W100+, cleaned screen M Hudenreich ATP 3226566
12-15-20	3926	2908.2 TACH Hrs 1474 SMOH changed oil with aeroshell W100+, cleaned screen M Hudenreich ATP 3226566
1-30-21	3951	2933 TACH HRS 1499 SMOH changed oil with aeroshell 100+ checked screen M Hudenreich ATP 3226566

43

9.1
IN

N.

P IA
TYPE
0057

power in every recipe
Powerful DC motor mixes with ease

INSPECTION & MAINTENANCE RECORD

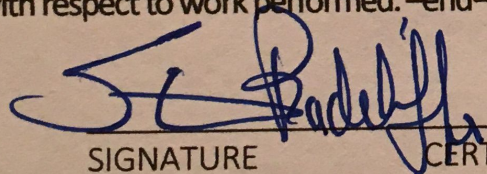
DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	---

ENGINE N9161A | 4/1/2021 | SMOH 1476.9 | TACH:2918.9

Annual Engine

Removed spark plugs cleaned, tested, replaced four with serviceable REM 48E, reinstalled, and torqued. Cylinder leak down check performed as follows: #1 74, #2 74, #3 74 #4 74, #5 70, #6 ,72over 80 psi. Mag's timing checked; Right 26 deg Left 28 deg. Bore scoped cylinders all showed normal signs for engine hours. Replaced exhaust gasket p/n 652459. Installed new crankshaft seal p/n SA530917. Replaced 4 engine shock mounts p/n 23411. Right mag overhauled by Aircraft Magneto Service w/o 27670.

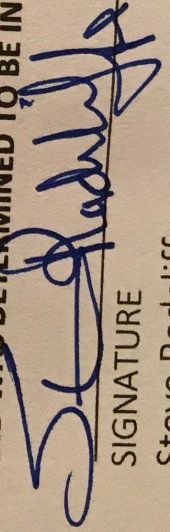
Test ran engine and no leaks or defects observed. Owner provided compliance report to be part of permanent maintenance records. Work done in accordance with Continental overhaul manual and AC 43 13-1b. Engine is approved for return to service with respect to work performed. —end—



SIGNATURE _____ AP2735886IA
Steve Radcliffe CERTIFICATE NO./TYPE
WO# 0140

ENGINE | REG.N9161A | DATE 4/8/2021
| SMOH 1476.9 | TACH TIME 2918.9

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE
WITH AN ANNUAL INSPECTION AS PER FAR 43 APP. "D"
AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.



SIGNATURE _____ 2735886 A&P IA
Steve Radcliffe CERTIFICATE NO./TYPE
W/O 0140

PROPELLER/ROTOR RECORD

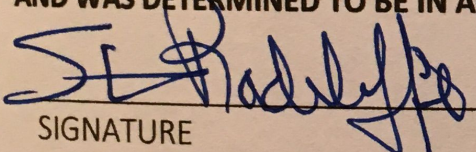
TYPE _____ SERIAL NO. HUB _____ DATE OF MFG. _____

MODEL _____ BLADES _____

DATE	INSTALLED				REMOVED		
	AIRCRAFT TYPE	SERIAL NO.	LOCATION	TOTAL TIME	DATE	TOTAL TIME	AGENCY AND CERTIFICATE NO.

PROPELLER | REG. NO. N9161A | DATE 4/8//2021
 | SMOH UNK | TACH TIME 2918.9

**I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE
 WITH AN ANNUAL INSPECTION AS PER FAR 43 APP. "D"
 AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**



 SIGNATURE
 Steve Radcliffe

 2735886 A&P IA
 CERTIFICATE NO./TYPE
 W/O 0140