

Reg No. N5175C Eng: Continental E185-11, S/N 20805-D-0-8
 Date 12/03/01, Tach Time: 388.44 Engine Total Time: 6449.65, TSOH: 0.0

Removed Engine and dis-assembled. All steel parts were magnufluxed and cylinders were reconditioned. Assembled the engine using the following new parts: 6 x 654829 Pistons, 12 x 530383 con rod bearings, 12 x 35972 con rod bolts, 12 x 626140 rod bolt nuts, 1 x 40644 main bearing, 1 x 530859 oil seal, 8 x 530386 main bearings, 12 x 639292 cotter pins, 2 x 501868 lock tabs, 1 521649-3 snap ring, 2 x 36025 lock tabs, 6 x AEC637781 exhaust valves, piston rings, 6 x 532129 intake valves, 6 x 539467 piston pins all new gaskets, new engine baffle seal. And the following parts were Reconditioned/yellow tagged: Crankshaft with rebushed counterweights, Rods, lifters, Camshaft, Accessory Housing, Crankcase, Cylinders S/N 69684-1 thru 6, rocker arms, 536360 gear and 530338 gear, Generator and Starter were overhauled by Quality Aircraft Accessories Inc. Tulsa, OK WO # 4520 and 4521. Carburetor was overhauled by B & S Aircraft Specialties Wichita, KS W/O No. R01-027429. Install Oil filter adapter to allow installation of paper oil filter, prepare 337 form and update weight and balance. All applicable AD's complied with to date. See AD summary log accompany logbooks. Operational checks satisfactory. I certify that this Engine has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

Freedom Flight Academy
 498-B Freedom Dr
 Independence, KS 67301

Signed: *John E. Davolt*
 John E. Davolt AP512589803IA

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-08-02	398.09			DRAINED OIL, REMOVED FILTER, INSTALLED NEW
TT	6459.90			FILTER. FILLED WITH 10 QTS. AEROSHELL
TSOH	10.25			MINERAL OIL. OWNER <i>Tammy E. Taylor</i> 515-52-8086
05-10-02	413.57			DRAINED OIL, REMOVED FILTER, INSTALLED NEW
TT	6464.53			FILTER. FILLED WITH 10 QTS AEROSHELL 100W
TSOH	25.13			AIRCRAFT OIL. OWNER <i>Tammy E. Taylor</i> 515-52-8086
11-20-02	438.13			DRAINED OIL, REMOVED FILTER, INSTALLED NEW
TT	6489.09			48109 FILTER, FILLED WITH 10 QTS AEROSHELL
TSOH	49.69			80W AIRCRAFT OIL OWNER <i>Tammy E. Taylor</i> 515-52-8086

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-9-02	Tach Time	443.1	Total 6504.7	TSOH 55.14
			Checked Compression #1 78/80 #3 50/80 #5 78/80 #2 75/80 #4 70/80 #1 75/80	
			Recheck compression #3 cpl in 5 dia Exhaust Valve Clean and gasket gaskets Checked Exhaust pipe Replaced induction air filter	
			I certify that this engine was inspected in accordance with a 100-hr inspection and was determined to be in airworthy condition this date 12-9-02	
				Daniel Stuchlik AEP 514568725

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.)
12/03	452.00			DRAINED OIL, FILLED WITH 10 QTS AEROSHELL 100W AIRCRAFT OIL -
12/03	6502.96			SUMMER OIL CHANGE OWNER <i>Tony Boyd</i>
12/03	63.56			
11/29/03	482.11 (30.11)			DRAINED OIL, FILLED WITH 10 QTS AEROSHELL 80W AIRCRAFT OIL - WINTER OIL CHANGE. (IN CONJUNCTION WITH ANNUAL INSPECTION IN DEC. 2003 TO FOLLOW) OWNER <i>Tony Boyd</i>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
12-1	482.79		6543.89	<p>TSOH 94.35</p> <p>Checked Compression #1 75/80 #3 30/80 Exhaust #5 78/80 #2 75/80 #4 65/80 #6 74/80 Cleaned and gaped plugs Inspected Exhaust system owner advised to remain #3 cyl. for repairs see AD list dated this date for compliance</p> <p>I certify that this engine was inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition this date 12-1-03</p> <p>Daniel M. Wick A&P 514568725</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
4/6	495.92	(13.13)	6557.02	<p>DRAINED OIL, CHANGED FILTER, FILLED WITH 10 QTS. AEROSHELL 100W - SUMMER OIL CHANGE, OWNER <i>Sam E. Taylor</i></p>
		(29.08)		
9/27	525.00		6586.10	<p>DRAINED OIL, CHANGED FILTER, FILLED WITH 10 QTS. AEROSHELL 100W <i>Sam E. Taylor</i></p>
05/20	555.18	(30.18)	6616.28	<p>DRAINED OIL, CHANGED FILTER, FILLED WITH 10 QTS. AEROSHELL 100W <i>Sam E. Taylor</i></p>

DATE	TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
12-10-04	Tach 544.46		Total 6605.49	<p>TSOH 155.95</p> <p>Checked compression #1 77/80 #3 40/80 #5 78/80 #2 70/80 #4 64/80 #6 75/80 Cleaned and gap Spark plugs Inspected Exhaust system and Heat Muff</p> <p>I certify that this engine was inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition this date 12-10-04</p> <p>Daniel M. Wick A&P 514568725</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-24-05	587.42	32.44	TT. 6648.72	DRAINED OIL, CHANGED FILTER, FILLED WITH 10 QTS. AEROSHELL 100W, 50WT AC OIL Jenny E. Doyle

TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	DESCRIPTION OF ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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TSOH 208.94

Date 12-5-05 Tach Time 597.45 TT 6658.48 Checked compression #1 78 #2 74 #3 76 #4 60 #5 78 #6 75. Cleaned and gapped plugs. Checked magneto timing. Changed oil with N/A. Changed oil filter PN N/A. Checked heat muff, exhaust system and induction air filter assy. Replaced as required PN 8A7305 Complied with applicable AD's. See AD list dated this date. I certify that this engine was inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition this date 12-05-05

Daniel Bluh
A&P 514568725

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.)
12-19-06	642.72		Total 6703.75	TSOH 254.21
				Checked compression #1 75/80 #3 71/80 #5 77/80 #2 66/80 #4 50/80 #6 76/80 Checked plugs Inspected Heat Muff and Exhaust sys. Inspected induction air filter.
				I certify that this Engine was inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition this date 12-19-06
				<i>Daniel Bluh</i> A&P 514568725

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.)
2007				
8/1	680.55	37.83		TOTAL = 6741.58 TSOH 292.04 CHANGED CYLINDER #4. FILLED WITH 10 QTS. AEROSHELL 100 MINERAL OIL
8/10	689.90	9.36		DRAINED BREAK-IN OIL AND FILLED WITH 10 QTS. CASTROL AVIATOR A100 ASHLESS AIRCRAFT OIL.
				TOTAL = 6751.93 TSOH = 301.39 Larry E Taylor 515-52-8086

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.)
4-26-08			Tach 700.3	Total 6761.51 TSOH 311.86
				Checked compression #1 78/80 #3 68/80 #5 78/80 #2 70/80 #4 70/80 #6 73/80 Inspected Plug and Heat Muff
				I certify that this Engine was inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition this date 4-26-08
				Daniel Y White AIP 514568725

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.)
2008				
	704.57	4.38		TACH 704.6 TOTAL 6765.81 TSOH 316.16 DRAINED OIL. CHANGED FILTER. FILLED WITH 10 QTS. CASTROL AVIATION OIL A120, SAE60
				Larry E Taylor 515-52-8086 OWNER

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2009 5-7	714.72		TT 6775.93 SMOH 326.28	<p>5-7-2009 TACH 714.72 TT 6775.93 SMOH 326.28 COMPRESSION #1 72/80 #2 72/80 #3 62/80 #4 68/80 #5 74/80 #6 72/80.</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DON DRISKEL A&P 1964332IA</p> <p><i>Don Driskel</i></p> <p>DRAINED OIL. CHANGED FILTER. FILLED WITH 10 QTS. CASTROL AVIATION OIL AD 120, SAE 60. RAN ENGINE TO TEMP. CHECK FOR LEAKS. NONE FOUND. <i>Sam S. Taylor</i> 515-52-8086 OWNER 5175C</p>

Elite Aircraft Service	Tach: 741.0 Hrs	Total Time Engine: 6802.21 Hrs	Date: June 14, 2010 TSMOH: 352.56 Hrs
<p>*Checked compressions: 1=72, 2=72, 3=66, 4=66, 5=70, 6=72.</p> <p>*I certify that this engine has been inspected in accordance with an annual inspection and determined to be in an airworthy condition. M. Rowell A&P 3038853 IA <i>M. Rowell</i></p>			
<p>6-14-2010 ALL ABOVE</p> <p>DRAINED OIL, CHANGED FILTER, FILLED WITH 10 QTS CASTROL AVIATION OIL AD 100, SAE 50. RAN ENGINE TO TEMP, CHECKED FOR LEAKS - NONE FOUND OWNER <i>Sam S. Taylor</i> 515-52-8086</p>			

Elite Aircraft Service
Tach: 0.0 Hrs.

TSMOH: 373.96 Hrs.

Date: July 8, 2011
Engine Total Time: 6823.61 Hrs.

*Compressions: 1=72, 2=74, 3=66, 4=64, 5=72, 6=74.

*I certify that this engine and propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. M. Rowell A&P 3038853 IA M. Rowell

6-8-2011

DRAINED OIL, CHANGED FILTER, FILLED WITH 10QTS
AEROSHELL AVIATION OIL 100W, SAE 50. RAN ENGINE TO
OPERATING TEMP AND CHECKED FOR LEAKS- NONE
FOUND.

OWNER Jerry E. Snyder #515-52-8086

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SERVICE

FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

Elite Aircraft Service
Tach: 28.9 Hrs.

TSMOH: 402.86 Hrs.

Date: September 20, 2012
Engine Total Time: 6852.51 Hrs.

*I certify that this engine and propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. M. Rowell A&P 3038853 IA M. Rowell

Elite Aircraft Service
Tach: 44.9 Hrs.

N5175C
TSMOH: 418.86 Hrs.

April 2, 2014
Engine Total Time: 6868.51 Hrs.

*I certify that this engine and propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. M. Rowell A&P 3038853 IA M. Rowell

Elite Aircraft Service
Tach: 71.0 Hrs.

N5175C
TSMOH: 444.96 Hrs.

December 11, 2015
Engine Total Time: 6894.61 Hrs.

*I certify that this engine and propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. M. Rowell A&P 3038853 IA M. Rowell

Elite Aircraft Service
Tach: 84.6 Hrs.

N5175C
TSMOH: 458.56 Hrs.

April 5, 2017
Engine Total Time: 6908.21 Hrs.

*Checked compressions: 1=76, 2=75, 3=66, 4=68, 5=79, 6=78, (Engine Hot).

*Checked spark plugs, recommended replacing all.

*Removed RH magneto, adjusted and cleaned points, adjusted both mag timing to engine, +5 deg.

*I certify that this engine and propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

*M. Rowell A&P 3038853 IA M. Rowell

DATE	A. D. NUMBER	TOTAL TIME IN SERVICE	AIRWORTHINESS DIRECTIVES CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.
2018			
4-28			DRAINED OIL, CHANGED FILTER, FILLED WITH 10QTS AEROCHELL AVIATION OIL 100W, SAE 50. RAN ENGINE TO OPERATING TEMP AND CHECKED FOR LEAKS - NONE FOUND. TECH. 104.5. OWNER <u>Paul Jones 515-52-8086</u>

Elite Aircraft Service
Tach: 105.83 Hrs.

N5175C
TSMOH: 479.79 Hrs.

June 6, 2018
Engine Total Time: 6929.44 Hrs.

*Checked compressions.

*Boroscoped cylinders.

*I certify that this engine and propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

*M. Rowell A&P 3038853 IA M. Rowell

DATE	A.D. NUMBER	TOTAL TIME IN SERVICE	AIRWORTHINESS DIRECTIVES CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.
2019	TACH		
5/10/19	120.3		DRAINED OIL, CHANGED FILTER, FILLED WITH 10 QTS PEROSHHELL AVIATION OIL 100W, SAE 50, RAN 14.47 HRS. ENGINE TO OPERATING TEMP AND CHECKED FOR LEAKS - NONE FOUND TACH 120.3 <i>L. S. S.</i>

Elite Aircraft Service N5175C May 30, 2019
 Tach: 121.0 Hours Aircraft Total Time: 6944.61 Hours

- *Replaced all engine mount brackets with serviceable brackets.
 - Right Forward P/N 531242.
 - Left Forward P/N 531241.
 - Right Aft P/N 531248.
 - Left Aft P/N 531249.

- *Replaced all Lord Mounts with new P/N J-3801-26.
- *Installed with original hardware and new lock nuts.

*K. Logan A&P 3931522 *K. Logan*

TACH

DATE	TOTAL TIME IN SERVICE	MANUFACTURERS MANDATORY SERVICE BULLETINS CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.
2020		
5/29	134.2	DRAINED OIL, CHANGED FILTER, FILLED WITH 10 QTS PEROSHHELL W120 AVIATION OIL. RAN TO OPT. TEMP. NO LEAKS <i>L. S. S.</i>

Elite Aircraft Service N5175C August 8, 2020
 Tach: 134.2 Hrs. TSMOH: 508.16 Hrs. Engine Total Time: 6957.81 Hrs.

*I certify that this engine and propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

*M. Rowell A&P 3038853 IA *M. Rowell*

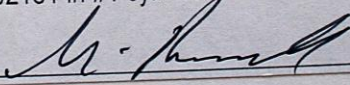
6-6-21		DRAINED OIL, CHANGED FILTER, FILLED WITH 10 QTS PEROSH W120 AVIA. OIL. RAN TO OPT. TEMP. NO LEAKS <i>L. S. S.</i>
6-6-21		TOOK DRAINED OIL AND SCREENED HOT OIL USING ALUM. SCREEN MATERIAL OVER 5 GAL. BUCKET. NO METAL FOUND. CUT & INSPECTED OIL

DATE

Elite Aircraft Service

N5157C
Tach: 162.0 Hrs.

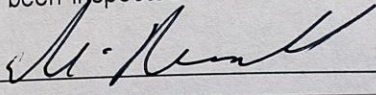
July 8, 2022

- *Replaced cylinders #2, 3 and 4 with overhauled cylinders P/N: 532452, from Brown Aviation, Inc. WO# 24065.
 - *Reused pistons, took to SkyBoss for cleaning, inspection and new rings installed.
 - *Installed cylinders with new gaskets.
 - *Replaced Heli coil P/N: 520112 in #5-cylinder top hole.
 - *Replaced one each exhaust stud P/N: 402151 in #1 cylinder.
 - *Replaced hoses to oil tank/cooler.
- *M. Rowell A&P/IA 3038853 

Elite Aircraft Service
Tach: 176.2 Hrs.

N5175C
TSMOH: 550.16 Hrs.

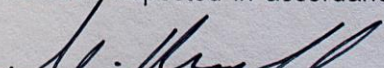
July 1, 2023
Engine Total Time: 6999.81 Hrs.

- *Compressions: 1=73, 2=73, 3=67, 4=73, 5=72, 6=72.
 - *I certify that this engine and propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
- *M. Rowell A&P 3038853 IA 

Elite Aircraft Service
Tach: 181.4 Hrs.

N5175C
TSMOH: 555.36 Hrs.

July 3, 2023
Engine Total Time: 7005.1 Hrs.

- *Changed oil and filter, installed a CH48109-1 oil filter and serviced with ~~Phillips 66, 120~~ **AERO SHELL W120**, washed engine as necessary.
 - *Sealed firewall at oil temperature line.
 - I certify that this engine and propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
- *M. Rowell A&P 3038853 IA 

Elite Aircraft Service
Tach: 181.4 Hrs.

N5175C
TSMOH: 555.36 Hrs.

July 3, 2023
Engine Total Time: 7005.1 Hrs.

- *Compressions: 1=67, 2=73, 3=67, 4=73, 5=72, 6=72.
- *M. Rowell A&P/IA 3038853 