



*The Standard*

# ENGINE LOG

**ASA-SE-1**

N 7592T

Engine Record General Information

Manufacturer Teledyne CONTINENTAL Model 0-470-4

Serial 427165 Type Certificate \_\_\_\_\_

This engine is currently installed in aircraft \_\_\_\_\_

Minimum Octane Fuel \_\_\_\_\_ Oil Grade: Summer \_\_\_\_\_ Winter \_\_\_\_\_

Magneto Time 24° BTC Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_

Spark Plug Gap \_\_\_\_\_

Manufacturer recommended overhaul at \_\_\_\_\_ hours

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7-21	2010.5	H.M. 1066.3		Engine TOTAL TIME 2010.5
				Engine REMOVED FROM AIRCRAFT AND MAJOR OVERHAULED.
				ALL STEEL PARTS MAGNAFLYXED. CRANKSHAFT ULTRASONICALLY
				TESTED. CRANKSHAFT POLISHED, COUNTERWEIGHTS REBUSHED,
				JOUARNALS ARE STANDARD SIZE. CAMSHAFT RECONDITIONED.
				STARTER ADAPTER OVERHAULED. PROPELLER GOVERNOR
				OVERHAULED. INSTALLED 6 NEW CYLINDER ASSEMBLIES.
				Engine ASSEMBLED WITH THE FOLLOWING NEW PARTS.
				ALL SEALS, GASKETS, HOSES - MAIN BEARINGS - ROD BEARINGS -
				ROD BOLTS & NUTS - CRANK GEAR BOLTS - CAM GEAR BOLTS -
				See next page →

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				→ "BOUGHT FORWARD"
				HYDRAULIC LIFTERS - PISTON PINS - OIL PRESS RELIEF VALVE & SPRING, SHAFT - OIL BY PASS VALVE SPRING - OIL FILTER - MAG DRIVE CUSHIONALS - MAGNETO'S - IGNITION HARNESS - SPARK PLUGS - TACH DRIVE HOUSING. CON RODS REBUSHED, ROCKER ARMS REBUSHED OIL COOLER FLUSHED & TESTED. Complied with A/D NOTE 97-26-17 by ULTRASONICALLY TESTING CRANK SHAFT. End <div style="text-align: right;">             Andrew Sorrell              ATP 1938121           </div>

DATE 19 <u>08</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
88	2010.5			<p>Installed engine. Installed new vacuum pump          Repaired carburetor. Replaced EGT Gauge          and probe. Replaced Alternator drive belt          Repaired engine valve seats serviced          engine with 12 qts Aeroshell W100          Replaced oil filter Run-in engine          adjusted oil pressure. no defects          noted.</p> <p>Date <u>8/3/08</u> T.T. (L) _____ (R) _____          I certify that this AC/Eng. has been          inspected in accordance with a <u>Visual</u>          inspection &amp; has been found airworthy.          Sig. <u>[Signature]</u>          Cert. # <u>41623554 FA</u></p>

DATE 98 10-13	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/13	2027.1 Hobbs 1066.3			<sup>PN6310 SN98051195</sup> Removed Cowling, Removed Right Prop, Installed New Prop PN6310, SN 98091417 TAU SLICK instructions.
				Ground cow ups checked Reinstalled Cowling.
				The maintenance identified above has been inspected and the item is approved for return to service. Details are on file at this repair station under work order # <u>100456</u> . Date: <u>10-13-98</u>
				Signed by: <u>[Signature]</u> for Knox Air, Inc.      GRS # RE4R489M      Alesca, TN 37701

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10-21-98	2034.4			<p>Change Oil w/ Aerostell <del>80W</del> &amp; Installed            New filter CH48110 cotaper old filter            no metal noted fast run engine no            leaks noticed</p> <p>LEP414176609 <i>[Signature]</i></p> <p>The maintenance identified above has been inspected and the item            is approved for return to service. Details are on file at this repair            station under work order # <u>190491</u> . Date: <u>10-21-98</u></p> <p>Signed by: <i>[Signature]</i> for            Knox-Air, Inc. CRS # RE4R489M Alcoa, TN 37701</p>

DATE  
19 88

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.)

SMITH

2096.2

85.7

2096.2

GENERAL SERVICE + INSP. DRAINED OIL,  
REMOVED, INSP. REPLACED OIL FILTER SERVICED  
W/ 12 QTS. AIS 100 W OIL, INSP. EXHAUST,  
HOSES, ACCESSORIES + ENG. MOUNTS. TIMED  
MAGS. COMPRESSION CK. 80/75 74 75 73 74 70  
ALL KNOWN AD'S C/W SEEN IST AT REAR OF LOG.  
RAN ENG. NO LEAKS NOTED.  
I CERTIFY THAT THIS ENG. HAS BEEN INSP.  
IAW AN ANNUAL/100HR CHECKLIST PER FAR 43.3  
AND WAS FOUND TO BE IN AN AIRWORTHY  
CONDITION.

Charles Johnston AIP 412985607



DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9/5/99				Date 9-5-99 Tach 2096.2 SMOH 85.7 TTE 2096.2 General Service and Inspection. Drained oil, cleaned screens, replaced oil filter, serviced with 12 qts AeroShell 100 checked for leaks. Checked engine mount, controls, hoses, exhaust and accessories. Cleaned and gapped spark plugs. Timed mags. Compression check /80. 1-75-2-74 3-75 4-73 5-74 6-70 Checked prop for condition, dressed and painted prop. Functionally checked engine. Complied with A.D. See A.D. Compliance list I certify that this aircraft has been inspected in accordance with ANNUAL 100 Hour checklist per FAR 43.D and was determined to be Airworthy condition. William E. Humphrey AI 411365897 W.E. Humphrey

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p style="text-align: right;">(Small 120.0)</p> <p>DATE 15 SEP 2000 TACH 2830.5 TTB 2430.5</p> <p>GENERAL SERVICE AND INSPECTION. DRAINED OIL, CLEANED SCREENS,          REPLACED OIL FILTER, SERVICED WITH 12 QTS. AEROSHELL 80          CHECKED FOR LEAKS. CHECKED ENGINE MOUNT, CONTROLS, HOSES, EXHAUST          AND ACCESSORIES. CLEANED AND GAPPED SPARK PLUGS. TIMED MAGS.          COMPRESSION CHECK /80. #1 #2 #3 #4 #5 #6          75 70 72 72 72 75</p> <p>CHECKED PROP FOR CONDITION, DRESSED AND PAINTED PROP. FUNCTIONALLY          CHECKED ENGINE. COMPLIED WITH A.D. SEE LIST AT BACK OF LOG BOOK</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH          AN ANNUAL 100 HOUR CHECKLIST PER FAR 43.D AND WAS DETERMINED TO BE          IN AN AIRWORTHY CONDITION.</p> <p style="text-align: right;">CHARLES C. JOHNSTON JR.          A&amp;P/IA 412985607</p> <p style="text-align: right;"><i>Charles Johnston Jr.</i></p>

DATE 19	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Invoiced	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.)	
5/00	2140.5	2146.5	6.2		T@ 2:30 pm to FIVQ - 13B - FMQ1 - DMF - ACB - GMM - LEB	CARTER
10/00	2146.5	2150.8	4.3		ON Runway 4 <sup>th</sup> min LEB, NH → MGN WVA (40-50 K winds over)	CARTER
11/11	2150.8	2153.1	2.3		0430 AM from MGN → TV <sup>S</sup>	CARTER
12/19	2153.1	2154.4	1.1		LOCAL ILS BC LITE STAY ON BUSH	CARTER
11/25	2154.4	2155.8	1.4		LOCAL ILS BC LITE HAD TO USE MIKE TO TRANSMIT <sup>BUSH</sup>	CARTER
1/3/01	2155.8	2156.0	0.2		MAINT. / Jump START (2) TIRE FLAT NEED BATTERY	CARTER
1/13/01	2156.0	2160.2	4.2		TYS - VALDOSTA - LIVE OAK, FL - 2/4 - Kissimmee FL	CARTER
2/17/01	2160.2	2161.6	0.8		Kissimmee - TAMPA -	CARTER
2/18/01	2161.6	2165.1	4.1		TAMPA - VALDOSTA - TYS	CARTER
3/1/01	2165.1	2167.9	2.8		TYS - A02 - TYS - Batt to weak to start <sup>in Daytona</sup>	CARTER
5/4/01	2167.1	2173.1	6.0		TYL - TLH - TYS	CARTER
6/9/01	2173.2	2174.3	1.1		TYL - Boyson City - TV - TYL	CARTER

DATE 001 19	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9/01	2174.3	2175.2	0.9	TYS - TYS
9/01	2175.2	2176.1	0.9	TYS - TYS
	2186.6	2187.0	.4	TYS
4-1	2187.3	2194.1	6.8	TYS - CEO - CMH - TYS
1/9	2220.5		2.6	TYS A/C TYS

FUSHEE/DAVIS

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2001	2224			PLUGS CLEANED; GAPPED OIL + Filter CHANGED Shell 40 is installed Comp. Set is factory
				I CERTIFY THAT THIS <u>ENGINE + PROP</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND IS IN AN AIRWORTHY CONDITION.
				[Signature] AP 1675099 IA

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspection, Tests, Repairs and Alterations</b> 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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Continental O-470-U, S/N 467165

Tach Hours 2282.4 TTSMOH 271.9

Inspected engine and propeller in accordance with a 100-hour inspection per Continental Service Instruction checklist. Drained the engine oil and inspected the oil filter for foreign contamination-none found. Installed a new CH48110 oil filter and added 7 quarts of Aeroshell 80W A.D. oil. Number #3 cylinder was found to have very low compression so it was removed and sent to G&N Aircraft for repair then reinstalled on return. Compression check results were as follows: #1 68/80, #2 64/80, #3 78/80, #4 64/80, #5 64/80 and #6 64/80. Checked engine timing to magnetos. Replaced the throttle rod end with a new rod end. Replaced the fasteners on the air inlet duct to connect to the carburetor air box. Installed a new Brackett BA-8103-1 air induction filter. Bi-weekly A.D. listing checked through 2003-20.

Tom E. Atchley A&P1987294IA  
 For: Technical Aviation Group  
 2701 Spence Place  
 Knoxville, TN 37920

*Tom E. Atchley*

10/16/03

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-9-04		TACH	2347.2	REPLACE CRANKSHAFT SEAL PIN 641250, REPLACE PROP. "O" RING PIN A1633-3, TORQUE PROP, GRD. RUN CHK. O.K. <del>REPLACE</del> , REPLACE ADJL ZLAMP ON OIL DIPSTICK, Wayne Steph ADP413763001 AIRCRAFT TECH FNC WORK ORDER # 4029

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TT: 2363.4                      Tach: 2363.4                      Hobbs: 1066.3                      *Aircraft Technicians, Inc.*  
 N759ZT                      S/N 18266395                      Cessna 182Q *SMOH 352.9*                      *McGhee Tyson Airport*  
 Engine Model: 467165                      Engine S/N: 0-470-U                      *2285 Alcoa Hwy P.O. Box 1026*  
 TTSMOH: 352.9                      TTSN: 2363.4                      *Alcoa, TN 37701 (865) 681-4553*

Chris Carter, Gabriel Fushee, John Myers & Dennis & Sally Bushman

**Engine Entry**

R&R new brackett air filter element P/N RA8103-1.\* Drained oil, removed old oil filter, cut open filter & checked for metal. No metal noted. Installed, torqued, and saftied new filter P/N CH48110 and added 11 qts of 80W Aeroshell oil.\* Engine compressions: 1) 62/80 2) 64/80 3) 72/80 4) 60/80 5) 68/80 6) 62/80 \*

I certify that this engine has been inspected IAW Annual / 100 Hour Inspection Procedures and was determined to be in Airworthy Condition. Aircraft Technicians, Inc.

Work Order # 4177 as provided to owner/operator provides information regarding the work performed and is on file.

FOR: Aircraft Technicians, Inc. *William D. Burchfiel*

William D. Burchfiel IA# 2860491 11/04/04



DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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Date: 10/6/2006

Hobbs: 1066.3 Tach: 2518.8 *SMOH 508.3*

N759ZT Model Cessna 182Q S/N: 18266395

Customer: United Aero



**Aircraft Technicians, Inc.**

**2285 Airport Highway**

**P. O. Box 1026**

**Alcoa, TN. 37701 (865) 681-4553**

**#1 Engine Entry**

Drained engine oil. Removed, cut and inspected oil filter. Install, torqued and saftied new filter P/N CH48110-1. Reinstalled drain plug with gasket MS357769-11. Serviced engine with 11 QTS of Aeroshell 15W50 oil. Ran and leak checked engine.

I certify that this aircraft/engine/appliance identified above was repaired in accordance with FAR's and/or Manufacturer's instructions as applicable and is returned to service as regards to work performed only. Aircraft Technicians, Inc. Work Order # 5757 as provided to owner/operator provides information regarding the work performed and is on file.

FOR: Aircraft Technicians, Inc.

*[Signature]*  
Philip Fellman A&P# 3034539 IA

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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Date: 12/1/2006 Hobbs: 1066.3 Tach: 2550.0  
 TSN: 2550.1 TSO: 539.9  
 S/N: 467165 Continential 0-470-U  
 Customer: United Aero



**Aircraft Technicians, Inc.**  
**2285 Airport Highway**  
**P. O. Box 1026**  
**Alcoa, TN. 37701 (865) 681-4553**

**Engine Entry**

Complied with annual inspection. Compression are : 1) 65/80, 2) 54/80, 3) 61/80, 4) 68/80. 5) 67/80, 6) 65/80. Drained oil. Removed, inspected and replaced oil filter with new CH48110-1. Serviced engine with 11 Qts of Aeroshell 80W oil. Ground run leak check good. Adjusted alternator belts as needed, torqued and saftied.

I certify that this engine has been inspected IAW annual Inspection procedures and was determined to be in Airworthy Condition.

Aircraft Technicians, Inc. Work Order # 5869 as provided to owner/operator provides information regarding the work performed and is on file.

FOR: Aircraft Technicians, Inc. \_\_\_\_\_  
 Philip Fellman A&P# 3034539 IA


DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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Date: 12/1/2006 Hobbs: 1066.3 Tach: 2550.1  
 TSN: 2550.1 TSO: 751.2  
 S/N: 781449 McCauley C2A34C204  
 Customer: United Aero



**Aircraft Technicians, Inc.**  
**2285 Airport Highway**  
**P. O. Box 1026**  
**Alcoa, TN. 37701 (865) 681-4553**

**Prop Entry**

Complied with annual inspection. Dressed prop blades as required.

I certify that this prop has been inspected IAW annual Inspection procedures and was determined to be in Airworthy Condition.

Aircraft Technicians, Inc. Work Order # 5869 as provided to owner/operator provides information regarding the work performed and is on file.

FOR: Aircraft Technicians, Inc. \_\_\_\_\_  
 Philip Fellman A&P# 3034539 IA


DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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Date: 5/9/2007

Hobbs: 1066.3 Tach: 2607.4

N759ZT Model Cessna 182Q S/N: 18266395

Customer: United Aero



**Aircraft Technicians, Inc.**

**2285 Airport Highway**

**P. O. Box 1026**

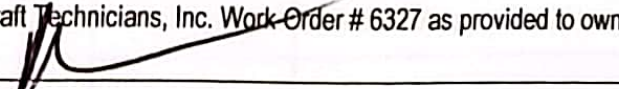
**Alcoa, TN. 37701 (865) 681-4553**

**Engine Entry**

Drained engine oil. Removed, inspected and replaced oil filter with new CH48110-1. Serviced engine oil with 11 quarts of Aeroshell 100W. Ground run leak check good.

I certify that this aircraft/engine/appliance identified above was repaired in accordance with FAR's and/or Manufacturer's instructions as applicable and is returned to service as regards to work performed only. Aircraft Technicians, Inc. Work Order # 6327 as provided to owner/operator provides information regarding the work performed and is on file.

FOR: Aircraft Technicians, Inc.

  
Philip Fellman A&P# 3034539 IA


DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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Date: 8/14/2007

Hobbs: 1066.3

N759ZT Model Cessna 182Q S/N: 18266395

Customer: United Aero



**Aircraft Technicians, Inc.**

**2285 Airport Highway**

**P. O. Box 1026**

**Alcoa, TN. 37701 (865) 681-4553**

**Prop Entry**

Dressed propeller blades. Cleaned, treated, primed, and touched up propeller paint.

I certify that this aircraft/engine/appliance identified above was repaired in accordance with FAR's and/or Manufacturer's instructions as applicable and is returned to service as regards to work performed only. Aircraft Technicians, Inc. Work Order # 6519 as provided to owner/operator provides information regarding the work performed and is on file.

FOR: Aircraft Technicians, Inc.

Jeremy J Webster AP2616233


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 and Facility. (See back pages for other specific entries.)
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Date 11-30-07  
 HM 1066.3  
 Tach 2675.3  
 Eng. TSO 665.2

Continental O-470-D  
 Reg No. N7592T  
 Ser No.

### Horizon Avionics, Inc.

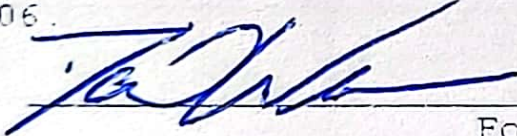
2361 Airport Highway, #3, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

#### ENGINE LOG ENTRY

C/W an 100 Hr Inspection this date IAW Horizon Avionics Inc. Inspection Guide Performed AD verification. Performed compression test, #1: 64/80, #2: 42/80, #3: 52/80 #4: 68/80 #5: 68/80, #6: 66/80. Drained oil & remove filter, cut open - no metal found. Install new CH48110-1 filter and added 12 qts Aeroshell 80 mineral oil. R&R oil sump, p/n: 539937 & gasket, p/n: 655546 with new. C/W AD verification. AD96-12-22 c/w by visual inspection, no defects noted R&R induction filter with new BA8103-1. R&R #2&3 cylinders after O/H by GSN Aircraft wo # 64555. Ran A/C ops & leak check good.

#### MAINTENANCE RELEASE

I certify that this Engine has been inspected IAW an 100 Hr Inspection and is Approved For Return To Service. Pertinent Details Are On File Under Work Order No. M1306.

Signed:  Cert. No: 2622594 Date 11/30/17  
 For Horizon Avionics, Inc.

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Date: 11-30-07  
 HM: 1066.3  
 Tach: 2675.3  
 Prop ISO: 876.4  
 Prop TT: 2675.3

McCauley C2A34C204  
 Reg. No: N7592T  
 Ser. No:

### Horizon Avionics, Inc.

2361 Airport Highway, #3, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

PROP LOG ENTRY

C/W an 100 Hr Inspection this date IAW Horizon Avionics Inc. Inspection Guide. Performed AD verification. Ran aircraft ops & leak check good.

MAINTENANCE RELEASE

I certify that this Propeller has been inspected IAW an 100 Hr Inspection and is Approved For Return To Service. Pertinent Details Are On File Under Work Order No. M1306.

Signed: *[Signature]* Cert. No: 2622598 Date: 11/30/7  
 For Horizon Avionics, Inc.

Date: 5/9/2008

Tach: 2469.8 ← INCORRECT

N759ZT Model Cessna 182Q S/N: 18266395

Customer: United Aero



**Aircraft Technicians, Inc.**

**2285 Airport Highway**

**P. O. Box 1026**

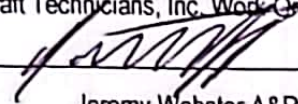
**Alcoa, TN. 37701 (865) 681-4553**

**#1 Engine Entry**

Drained engine oil removed and inspected oil filter. Installed new oil filter CH48110-1, serviced engine with 12 qts Philips XC 20W-50 oil Serviced engine with 1 pint of cam guard per owner request. Ground run and leak check good.

I certify that this aircraft/engine/appliance identified above was repaired in accordance with FAR's and/or Manufacturer's instructions as applicable and is returned to service as regards to work performed only. Aircraft Technicians, Inc. Work Order # 7016 as provided to owner/operator provides information regarding the work performed and is on file.

FOR: Aircraft Technicians, Inc.

  
\_\_\_\_\_

Jeremy Webster A&P# 2616233




DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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Date: 12/22/2008

Hobbs: 1066.3 Tach: 2723.8 TT: 2723.8 TSMOH 713.3

N759ZT Model Cessna 182Q S/N: 18266395

Customer: United Aero



**Aircraft Technicians, Inc.**

**2285 Airport Highway**

**P. O. Box 1026**

**Alcoa, TN. 37701 (865) 681-4553**

**#1 Engine Entry**

Performed Annual Inspection. Drained engine oil, removed, inspected and replaced oil filter with new P/N CH48110-1. Serviced engine with 12 qts Aeroshell 80W. Removed, serviced and reinstalled spark plug per annual. Compressions are: #1 70/80, #2 62/80, #3 70/80, #4 66/80, #5 70/80, #6 72/80 Adjusted idle mixture. Adjusted oil pressure. Adjusted prop governor. Retourque throttle rod end jam nut reinstalled and saffied Installed missing screws in #2 cyl baffle. Installed protective wrap P/N SWP-314 around starter cable and Secured with RTV silicone. Repositioned mixture control cable and adel clamps to prevent chaffing. Installed protective spiral wrap to Carb heat cable and secured with RTV to prevent further chaffing. Adjusted Mixture control cable. Repositioned oil temperature probe cable to prevent chaffing. Re-secured right induction tube clamp. Removed and replaced Crankcase breather adel clamps with new MS21919WDG12 ADEL. Removed and replaced manifold crossover tube clamp with new clamp. Secured prop gov control cable as required. Secured magneto p-leads as required. Repositioned alt vac cable and cable clamps as required. Re-secured Carb air temp wiring as required. Removed and replaced carb heat scat hose ADEL Clamp with new MS21919WDG-20.

I certify that this ENGINE has been inspected IAW ANNUAL Inspection procedures and was determined to be in Airworthy Condition.

Aircraft Technicians, Inc. Work Order #7277 as provided to owner/operator provides information regarding the work performed and is on file.

FOR: Aircraft Technicians, Inc.

*Jeremy A. Webster*

Jeremy Webster A&P# 2616233IA

Date: 12/22/2008

Hobbs: 1066.3 Tach: 2723.8 TT: 2723.8

N759ZT Model Cessna 182Q S/N: 18266395

Customer: United Aero



**Aircraft Technicians, Inc.**

**2285 Airport Highway**

**P. O. Box 1026**

**Alcoa, TN. 37701 (865) 681-4553**

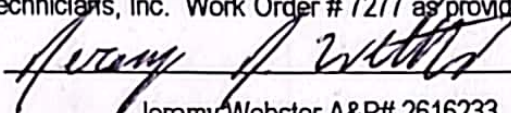
**#1 Prop Entry**

Performed Annual Inspection Dressed prop blades. Installed two new prop spinner forward bulkhead spacers P/N 0752620-3 in addition to original spacers. Re Painted Propeller tips and installed new decals.

I certify that this Propeller has been inspected IAW ANNUAL Inspection procedures and was determined to be in Airworthy Condition.

Aircraft Technicians, Inc. Work Order # 7277 as provided to owner/operator provides information regarding the work performed and is on file.

FOR: Aircraft Technicians, Inc.

  
Jeremy Webster A&P# 2616233


DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Date: 4/23/2010

Hobbs: 37.8 Tach: 2758.4

N759ZT Model Cessna 182Q S/N: 18266395

Customer: United Aero

*Quality People  
Quality Performance*

*Aircraft Technicians, Inc.  
2285 Airport Highway  
P. O. Box 1026  
Alcoa, TN. 37701 (865) 681-4553*

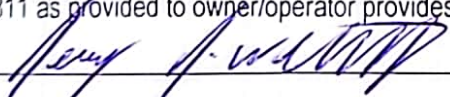
**#1 Engine Entry**

C/W Annual Inspection. Drained engine oil, removed inspected and replaced filter with new CH48110-1, no debris found. Torqued and saftied filter, serviced with 12 quarts of Aeroshell 80W, leak check good. Compressions are as follows: 1) 62/80 2) 65/80 3) 65/80 4) 65/80 5) 62/80 6) 68/80 Removed, inspected, tested spark plugs. Tested #2 upper ignition lead tests good , coated bare area with high heat RTV to prevent chaffing.

I certify that this engine has been inspected IAW Annual Inspection procedures and was determined to be in Airworthy Condition.

Aircraft Technicians, Inc. Work Order # 7811 as provided to owner/operator provides information regarding the work performed and is on file.

FOR: Aircraft Technicians, Inc.

  
 \_\_\_\_\_  
 Jeremy J Webster AP2616233IA

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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Date: 5/28/2010  
 Hobbs: 78.0 Tach: 2796.6 *SMOH 786.1*  
 N759ZT Model Cessna 182Q S/N: 18266395  
 Customer: United Aero

*Quality People  
Quality Performance*

**Aircraft Technicians, Inc.**  
 2285 Airport Highway  
 P. O. Box 1026  
 Alcoa, TN. 37701 (865) 681-4553

**#1 Engine Entry**

Removed engine cowls drained engine oil removed cut open and inspected oil filter element no debris found. Installed torqued and saftied new filter AA48110. Serviced engine with 11 quarts Aeroshell 100W. Placed 1 quart in baggage. Reinstalled engine cowling. Ops check good.

I certify that this aircraft/engine/appliance identified above was repaired in accordance with FAR's and/or Manufacturer's instructions as applicable and is returned to service as regards to work performed only. Aircraft Technicians, Inc. Work Order # 7971 as provided to owner/operator provides information regarding the work performed and is on file.

FOR: Aircraft Technicians, Inc. *Jeremy J. Webster*  
 Jeremy J Webster AP2616233


DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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Date: 8-13-10 DW  
 Hobbs: 113.3  
 Tach: 2932.3

Aircraft: Cessna 182Q  
 Reg. No: N7592T  
 Ser. No: 10266395



**Horizon Avionics, Inc.**

2361 Airport Highway, #3, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

LOG ENTRY

Drained oil and cut open filter: no metal noted. Installed new CH42110-1 torqued and saftied. Serviced 12 qts. Phillips 20W-50. Ground ran engine. leak and ops check good.

MAINTENANCE RELEASE

I certify that this Airframe/Appliance has been repaired and is Approved For Return To Service. Pertinent Details Are On File Under Work Order No M2159

Signed: [Signature] Cert. No: 26257 AP Date: 8/13/10  
 For Horizon Avionics, Inc

TE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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Date: 3-21-2011  
 HM 168.0  
 Tach 2885.3  
 Prop TSO: 1086.4  
 Prop TT: 2885.3

McCauley C2A34C204  
 Reg No N7592T  
 Ser No 781449

**Horizon Avionics, Inc.**

2361 Airport Highway, #3, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

PROP LOG ENTRY

C/W an 100 Hr Inspection this date IAW Horizon Avionics Inc Inspection Guide  
 Performed AD verification thru biweekly 2011-05. Ran aircraft ops & leak check good.

MAINTENANCE RELEASE

I certify that this Propeller has been inspected IAW an 100 Hr Inspection and is  
 Approved For Return To Service. Pertinent Details Are On File Under Work Order  
 No. M2358.

Signed: [Signature] Cert. No: 262358 AP Date 3/21/11  
 For Horizon Avionics, Inc.

Date: 3/21/2011  
Tach: 2885.3  
HM: 168 0  
Eng. TSO: 1086 4

TCM O-470-U  
Peg No N7592T  
Ser No 467165

## Horizon Avionics, Inc.

2361 Airport Highway, #3. Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

### ENGINE LOG ENTRY

C/W an 100 Hr Inspection this date IAW Horizon Avionics Inc Inspection Guide. Performed AD verification thru biweekly 11-05. Performed compression test. #1: 64/80. #2: 66/80. #3: 38/80. #4: 62/80. #5: 62/80. #6: 64/80. Remove and reinstall #3 cylinder after repair by G&N Aircraft on WO: 67602. R&P CHT probe with new, S2334-3. Drained oil and remove filter - cut open, no metal found. Installed new CH48110-1 filter and serviced with 12 qts Phillips 20W50. Replaced Brackett air filter element with new, p/n BA8103-1. Ran A/C, ops and leak check good.

### MAINTENANCE RELEASE

I certify that this Engine has been inspected IAW an 100 Hr Inspection and is Approved For Return To Service. Pertinent Details Are On File Under Work Order No: M2358.

Signed:



Cert. No: 2622558 IN  
For Horizon Avionics, Inc.

Date:

3/21/11

TE	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 Facility. (See back pages for other specific entries.)
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Date: 05-10-10  
 Hobbs: 189.9  
 Tach: 2905.1

Aircraft Cessna 182Q  
 Reg No N759ZT  
 Ser No 18266395



### Horizon Avionics, Inc.

2361 Airport Highway, #3, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

LOG ENTRY

Drained oil and cut open filter; no metal noted. Installed new CH40110-1 torqued and saftied. Serviced 12 qts. Phillips 20W-50 and 1 btl Camgaurd. Ground ran engine. leak and ops check good.

MAINTENANCE RELEASE

I certify that this Airframe/Apliance has been repaired and is Approved For Return To Service. Pertinent Details Are On File Under Work Order No. M2411

Signed: *[Signature]* Cert. No: 2602359YAP Date: 5/10/11  
 For Horizon Avionics, Inc.



DATE 19__	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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Date: 07-05-2011  
Hobbs: 223.5  
Tach: 2933.5

Aircraft: Cessna 182Q  
Reg. No: N759ZT  
Ser. No: 18266395

**Horizon Avionics, Inc.**

2361 Airport Highway, #3, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

LOG ENTRY

Drained oil and cut open filter. no metal noted. Installed new CH48110-1 torqued and saftied. Serviced 12 qts. Phillips 20W-50. Ground ran engine. leak and ops check good.

MAINTENANCE RELEASE

I certify that this Airframe/Appliance has been repaired and is Approved For Return To Service. Pertinent Details Are On File Under Work Order No. M2461

Signed: William Hopperwood No. AP2860476 Date: 7-5-2011  
For Horizon Avionics, Inc.

REC  
TACI  
TIMI

Date: 04/13/2012

Hobbs: 300.4

Tach: 3003.5

ETSO: ~~4204.6~~ WRGNG

SMOH 993.0

TCM 0-470-U

Reg. No: 759ZT

Ser. No: 467165

## Horizon Avionics, Inc.

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

### ENGINE LOG ENTRY

CW Annual Inspection IAW Horizon Avionics Inspection Guide. 1.)68 2.)64 3.)62 4.)38 5.)62 6.)68 all over 80PSI. Installed new AEC631397 Cylinder in #4 position. Installed 5 ea RHB32E. Drained oil and cut open filter, no metal noted. Installed new CH48110-1, Torque and safety. Serviced 12 qts Aeroshell 100 mineral oil. Installed BA8103-1. CW AD research through biweekly 2012-05. CW AD 83-10-01 no defects noted. CW AD 2011-10-09 no defects noted. Ground ran Acft leak and ops check good.

### MAINTENANCE RELEASE

I certify that this ENGINE has been inspected IAW a Annual Inspection and was determined to be in an Airworthy condition. Pertinent Details Are On File Under Work Order No. M2643.

Signed:  Cert. No: MP2622599 IA Date: 4/13/2012  
For Horizon Avionics, Inc.

NOTE:  
TACH REPLACED/RECALIB, ADD 3003.5 TO TACH FOR TCAF.

Date: 05/24/2012

Hobbs: 333.3

Tach: 029.2

TJAF 3032.7

SMDH 1022.2

Cessna 182Q

Reg. No: 759ZT

Ser. No: 18266395

## Horizon Avionics, Inc.

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

### ENGINE LOG ENTRY

Drained oil and cut open filter: no metal noted. Installed new CH48110-1, torque and safety. Serviced 12 Qts. Phillips 20w-50. Ground ran Acft leak and ops check good.

### MAINTENANCE RELEASE

I certify that this Airframe/Engine/Appliance has been repaired and is Approved For Return To Service With Respect to Work Performed. Pertinent Details Are On File Under Work Order No. M2698.

Signed: 

Cert. No:

AP2622594

Date:

5/24/12

For Horizon Avionics, Inc.

ATE

RECORDING

TODAY'S

TOTAL

Description of Inspections, Tests, Repairs and Alterations

Date: 11/07/12

Tach: 65.6

Hours: 374.0

TTAF 3069.1

JMGM 1558.6

Cessna 182Q

Reg. No: N759ZT

Ser. No: 18266395

**Horizon Avionics, Inc.**


2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

ENGINE LOG ENTRY

Drained oil and cut open filter; no metal noted. Installed new CH48110-1 torque and saftied. Serviced 11 qts Phillips 20W50 and 1 bottle Camgaurd. Bench charged and serviced Acft battery. Ground ran Acft leak and ops check good.

MAINTENANCE RELEASE

I certify that this Engine/Appliance has been repaired and is Approved For Return To Service. Pertinent Details Are On File Under Work Order No. M2806.

Signed: 

Cert. No:

3633491

Date:

11 7 12

For Horizon Avionics, Inc.

Date: 3/11/2013  
Hobbs: 397.0  
Tach: 84.8  
ETSO: ~~1301.2~~

SMOKE AFTT 3100.1  
CORRECT 3007.9  
WRONG 1077.4 HRS

TCM 0-470-U  
Reg. No: 759ZT  
Ser. No: 467165

### Horizon Avionics, Inc.

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

#### ENGINE LOG ENTRY

CW Annual Inspection IAW Horizon Avionics Inspection Guide. 1.)70 2.)64 3.)72 4.)70 5.)68 6.)70 all over 80PSI. Drained oil and cut open filter, no metal noted. Installed new CH48110-1, Torque and safety. Serviced 12 qts Phillips 20W50. Installed BA8103-1. CW AD research through biweekly 2013-04. CW AD 83-13-01 no defects noted. CW AD 2011-10-09 no defects noted. Ground ran Acft leak and ops check good.

#### MAINTENANCE RELEASE

I certify that this ENGINE has been inspected IAW a Annual Inspection and was determined to be in an Airworthy condition. Pertinent Details Are On File Under Work Order No. M2875.

Signed: [Signature] Cert. No: AP 2622558 IA Date: 3/11/13  
For Horizon Avionics, Inc.

RECORDING | TODAY'S | TOTAL  
TACH  
TIME

Description of Inspections, Tests, Repairs and Alterations

Date: 09/30/13  
Tach: 121.3  
Hours: 441.1  
ETSO: ~~1325.9~~  
SMOH 1113.9

TTAF 3044.4

Cessna 182Q  
Reg. No: N759ZT  
Ser. No: 18266395

**Horizon Avionics, Inc.**

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

ENGINE LOG ENTRY

Ground ran plan did mag check per Cessna 182 POH right mag dropped beyond limits found #2 bottom plug cracked replaced with new RHB32E spark plug. Drained oil and cut open filter; no metal noted. Installed new CH48110-1 torque and saftied. Serviced with 11 qts Phillips 20w50 and 1 bottle cam guard . Ground ran Acft leak and ops check good.

MAINTENANCE RELEASE

I certify that this Engine/Appliance has been repaired and is Approved For Return To Service. Pertinent Details Are On File Under Work Order No. M3031.

Signed:  Cert. No: 3633491 Date 09-30-13  
For Horizon Avionics, Inc.

R  
T  
T

ian or Rep.

Date: 4/2/2014  
Hobbs: 468.1  
Tach: 145.1  
ETSO: ~~4349.7~~

AFTT 3,068.2

TCM 0-470-U  
Reg. No: 759ZT  
Ser. No: 467165

SMDH 1137.7

### Horizon Avionics, Inc.


2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

#### ENGINE LOG ENTRY

CW Annual Inspection IAW Horizon Avionics Inspection Guide. 1.)66 2.)64 3.)64 4.)66 5.)62 6.)62 all over 80PSI. Drained oil and cut open filter, no metal noted. Installed new CH48110-1, Torque and safety. Serviced 11 qts Phillips 20W50. Installed BA8103-1. CW AD research through biweekly 2013-04. CW AD 83-13-01 no defects noted. CW AD 2011-10-09 no defects noted. Ground ran Acft leak and ops check good.

#### MAINTENANCE RELEASE

I certify that this ENGINE has been inspected IAW a Annual Inspection and was determined to be in an Airworthy condition. Pertinent Details Are On File Under Work Order No. M3176.

Signed: 

Cert. No: AP 2602578IA  
For Horizon Avionics, Inc.

Date: 4/2/14

RECOI  
TACH  
TIME

Date: 07/15/2014  
Tach: 171.8

Cessna 182Q  
Reg. No: N759ZT  
Ser. No: 18266395

## Horizon Avionics, Inc.

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

### ENGINE LOG ENTRY

Drained oil and cut open filter; no metal noted. Installed new CH48110-1 torque and saftied. Serviced 11 qts Phillips 20W50 and 1 bottle Camgaurd. CW compression check, no defects noted. Ground ran Acft leak and ops check good.

### MAINTENANCE RELEASE

I certify that this Engine/Appliance has been repaired and is Approved For Return To Service. Pertinent Details Are On File Under Work Order No. M3287.

Signed:  Cert. No: 415318660 Date: 7/15/14  
For Horizon Avionics, Inc.



Date: 4/23/2015  
Hobbs: 549.7  
Tach: 216.8  
ETSO: ~~1421.4~~  
1208.8

DR 15 TTA3139.9

TCM 0-470-U  
Reg. No: 759ZT  
Ser. No: 467165

### Horizon Avionics, Inc.

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

#### ENGINE LOG ENTRY

CW Annual Inspection IAW Horizon Avionics Inspection Guide. 1.)75 2.)65 3.)65 4.)78 5.)60 6.)72 all over 80PSI. Drained oil and cut open filter, no metal noted. Installed new CH48110-1, Torque and safety. Serviced 11 qts Phillips 20W50 and camguard. Installed BA8103-1. CW AD research through biweekly 2015-08. Ground ran Acft leak and ops check good.

#### MAINTENANCE RELEASE

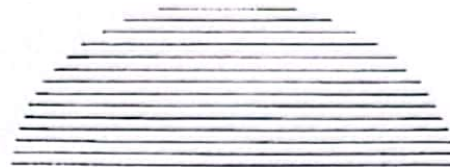
I certify that this ENGINE has been inspected IAW a 100HR Inspection and was determined to be in an Airworthy condition. Pertinent Details Are On File Under Work Order No. M3659.

Signed: 

Cert. No: AP262255 ✓ 10 Date: 4/23/15

For Horizon Avionics, Inc.

Date: 10/20/2015  
Tach: 257.4



Cessna 182Q  
Reg. No: N759ZT  
Ser. No: 18266395

### Horizon Avionics, Inc.

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

#### ENGINE LOG ENTRY

Drained oil and cut open filter; no metal noted. Installed new CH48110-1 torque and saftied. Serviced 11 qts Phillips 20W50 and 1 bottle Camgaurd. Ground ran Acft leak and ops check good.

#### MAINTENANCE RELEASE

I certify that this Engine/Apliance has been repaired and is Approved For Return To Service. Pertinent Details Are On File Under Work Order No. M3877.

Signed: [Signature] Cert. No: AP26625A Date: 10/20/15  
For Horizon Avionics, Inc.

RECOI  
TACH  
TIME

Date: 5/19/2016  
Hobbs: 612.8  
Tach: 274.5  
ETSO: ~~1479.1~~  
1,266.5

TAF 3,197.6

TCM 0-470-U  
Reg. No: 759ZT  
Ser. No: 467165

### Horizon Avionics, Inc.

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

#### ENGINE LOG ENTRY

CW 100Hr Insp I/A/W FAR 43 App D. 1.)65 2.)62 3.)62 4.)65 5.)28 6.)60. Drained oil cut open filter, no metal noted. Installed new CH48110-1, Torque and safety. Serviced 11 qts Phillips 20W50. Installed BA8103-1. R2 #5 Cyl W/P/N 649168. R2 Primer line P/N 2200001-78. Grnd run ops & leak ck good.

#### MAINTENANCE RELEASE

I certify that this ENGINE has been insp IAW a 100HR& was determined to be in an Airworthy condition. Pertinent Details Are On File Under Work Order No. M4071.

Signed: [Signature] Cert. No: AP2625571A Date: 5/19/16  
For Horizon Avionics, Inc.

Model: 182Q  
S/N: 18266395  
Reg. No: N759ZT



Date: 27-Jan-2017  
TAT: 630.2  
Flight: 290.2

Engine S/N: 467165

**Inspections Accomplished:**

2002-Complied with Engine Annual Inspection. Ref Cessna Service Manual 2-50.

**Airworthiness Directives:**

-Researched ADs through 19-Dec-2016.

2017-AD 2009-19-07 – Inspect and replace EQ3 cylinders, is N/A. Engine S/N does not fall in range and no evidence of EQ3 cylinders installed. No further action required at this time.

2018-AD 2010-11-04 – Inspection and replacement of hydraulic lifters is N/A. Engine was manufactured prior to June 19, 2009 and no evidence of hydraulic lifter replacement after June 19, 2009. No further action required at this time.

2019-AD 2014-05-29 – Inspect for Superior Air Parts investment cast cylinders is N/A. No record or evidence of Superior Air Parts investment cast cylinders installed. No further action required at this time.

2020-AD 2016-16-12 – ECI Class 71 or 76 cylinder assembly failures, is N/A. No evidence or record of ECI Class 71 or 76 cylinders installed. No further action required at this time.

**Maintenance Accomplished:**

2002-Complied with oil and filter change. Ref AMM 12. Cut open filter and inspected for metal. No metal noted at this time. Replaced oil filter and serviced with 11 quarts of Phillips 20W50 X/C and 1 bottle of CAMGUARD. Oil filter P/N: CH48110-1.

Complied with cylinder compression check:

Cyl No	1	3	5	2	4	6
PSI	68/80	56/80	78/80	55/80	68/80	56/80

— Continued on Next Page —

Master Orifice Reading: 42.

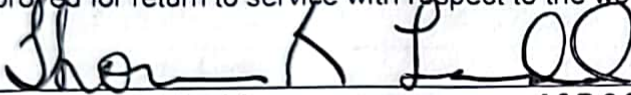
2004-Removed and replaced, with new, № 3 top spark plug. Ref TCM MM X30586. P/N: URHB37E.

2006-№ 4 cylinder compression is 32/80. Staked valves on № 4 cylinder and rechecked compression. Compression is now 68/80. Ref TCM MM.

2011-Removed № 2 cylinder intake manifold heat shield, oversized holes, installed 2 rivets, and reinstalled. Ref AC 43.13-1B.

2015-Installed anti-heat sleeves around all CHT and EGT connectors. Ref AC 43.13-1B. P/N: 51674-001.

I certify the Engine identified above was inspected in accordance with an annual type inspection, as required by FAR 91.409(f)(1), found to be airworthy, and is approved for return to service with respect to the work performed.

Signed: 

By: Thomas R. Ladd

A&P 34514171A

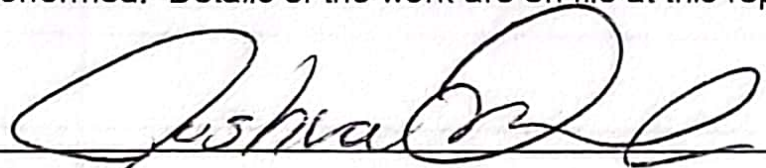
Form CFM 007


AIRCRAFT MAKE:	<u>Cessna</u>	AIRCRAFT REGISTRATION:	<u>759ZT</u>
AIRCRAFT MODEL:	<u>182Q</u>	Tach:	<u>297.6</u>
SMOH:	<u>1502.2</u>	Date:	<u>6/30/17</u>

*TTAF 3,226.7*  
*SMOH 1,289.6*

Completed an annual inspection on this engine in accordance with Cessna 182Q 100hr/Annual inspection guide lines and current FARs. Compressions #1)60/80, #2)60/80, #3)62/80, #4)68/80, #5)72/80, #6)64/80. Drained the oil from the crankcase and removed the oil filter. Installed a new oil filter and serviced the crankcase with Aeroshell 15W50. Cut the old oil filter open and inspected, no defects noted. Removed, cleaned, gapped, tested and reinstalled the spark plugs with new M674 gaskets. Torqued the valve cover screws to spec. Check magneto to engine timing, no defects noted. Removed and replaced the air filter. Engine run normal, no leaks noted. I certify this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

The aircraft identified above was repaired/inspected in accordance with current regulations of the Federal Aviation Administration, and was determined airworthy and approved for return to service with respect to the work performed. Details of the work are on file at this repair station under W.O. #

Signature:  A&P IA 3308388.

GROH AVIATION, LLC

817 Airport Access Dr

GREENWOOD, IN 46143

317-727-9881

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE AFTT	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.)
	338.5	TT		
	683.5	Hobbs		
	1543.1	TSC		
		HOBBS		
12/2/17	342.1	687.7	3390.8	<p style="text-align: center;"><b>Air Tolin</b></p> <p>Lunken Airport      Cincinnati, Ohio      513-871-8235  N759ZT 11/17/17 tach time 0338.5  removed Slick 6310 magneto on right position. installed  overhauled Champion #6310 S/N F-09304 and timed to  engine. ok for return to service in regards to work done.  Michael H. Wells A&amp;P2099762</p> <p style="text-align: center;"><i>Michael H. Wells</i></p>
12/2/17	342.1	687.7	3390.8	DRAINED OIL/CHANGED FILTER (48110-2), REFILLED AEROSHELL 15W-50 <del>WITH</del> NO METAL IN FILTER W/10 QTS <del>WITH</del> LEAK CHECKED, GROUND TSMOH 1,380.3 RUN, OK <i>[Signature]</i> 3003856 A&P

Air Tolin


Lunken Airport

Cincinnati, Ohio

513-871-8235

N759ZT 1/5/18 tach time 349.7

removed starter adapter sent to signature Engines for overhaul WO#E7473 P/N635050A4.reinstalled after overhaul using new gasket.installed new P/N94110-40 engine mount rubbers,using new MS9276-13 lock tabs on mount bolts. reinstalled exhaust system using new exhaust gaskets. ground run checked operation,ok fro return to service in regards to work done.Michael H. Wells A&P2099762



DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE



DATE 19 ____	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
		<p>March 2, 2018 TACH: 357.0</p> <p>Installed ElectroAir EIS-61000-1M in place of the left magneto see FAA 337 dated this date. Existing mag will fire all the top spark plugs and the electronic ignition system will fire the special high-energy plugs (EARHB32E) (6) in the lower cylinder spark plugs holes. Other components are:</p> <p>System harness P/N EA-6000      S/N 17-480</p> <p>Ignition Wires      P/N EA-4195 (3)      S/N 17-442</p> <p>Spark Plugs      P/N EARHB32E (6)</p> <p>System Controller      P/N EA-7000      S/N 17-487-002</p> <p>MAP Sensor      P/N EA-5000      S/N 17-485-001</p> <p>MTH      P/N EA-10000      S/N 17-384-003</p> <p>Coil Pack      P/N EA-8000      S/N 17-486-001</p> <p>Switch Panel      P/N EA-13000      S/N 17-387</p> <p>Using Hardware Kits:      (cont)</p>

TOTAL  
TIME IN  
SERVICE

**Reference of Major Repairs and Major Alterations To**

FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

EA-418-CR-6 Spark Plug Hardware Kit

EA-10000 MTH MTH Hardware Kit (in place of magneto)

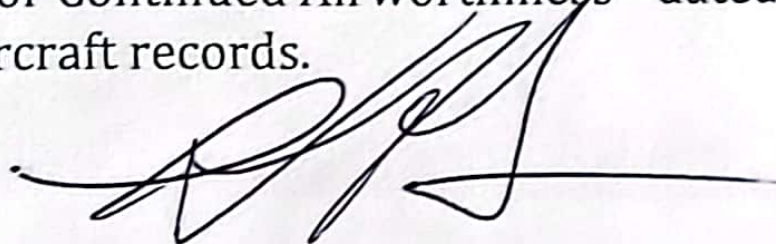
EA-8000 Coil Pack Hardware Kit

EA-13000 Hardware Package - Switch Kit

Electrical checks OK. System operational checks OK. Update to AFM part of aircraft records.

Instructions for Continued Airworthiness are contained in ICA EIS-41000, "EIS-41000 Instructions for Continued Airworthiness" dated 06/23/2014 which has been added to the aircraft records.

Henry Rosche III  
A&P 3166523



DATE 19__	TOTAL TIME IN SERVICE	<b>Reference of Major Repairs and Major Alterations To</b> FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
TAXI TIME	0.366.8	REPAIRS ENGINE FOR T.D.I. TO CHECK FOR PROP PROBLEM Jurnal holds no 2099762



	A.D. NUMBER	TOTAL TIME IN SERVICE	<b>Airworthiness Directives</b> Chronological Listing of Compliance and Method of Compliance
20.	98		97-26-17 ULTRASONIC TEST CRANKSHAFT Andrew Sessell