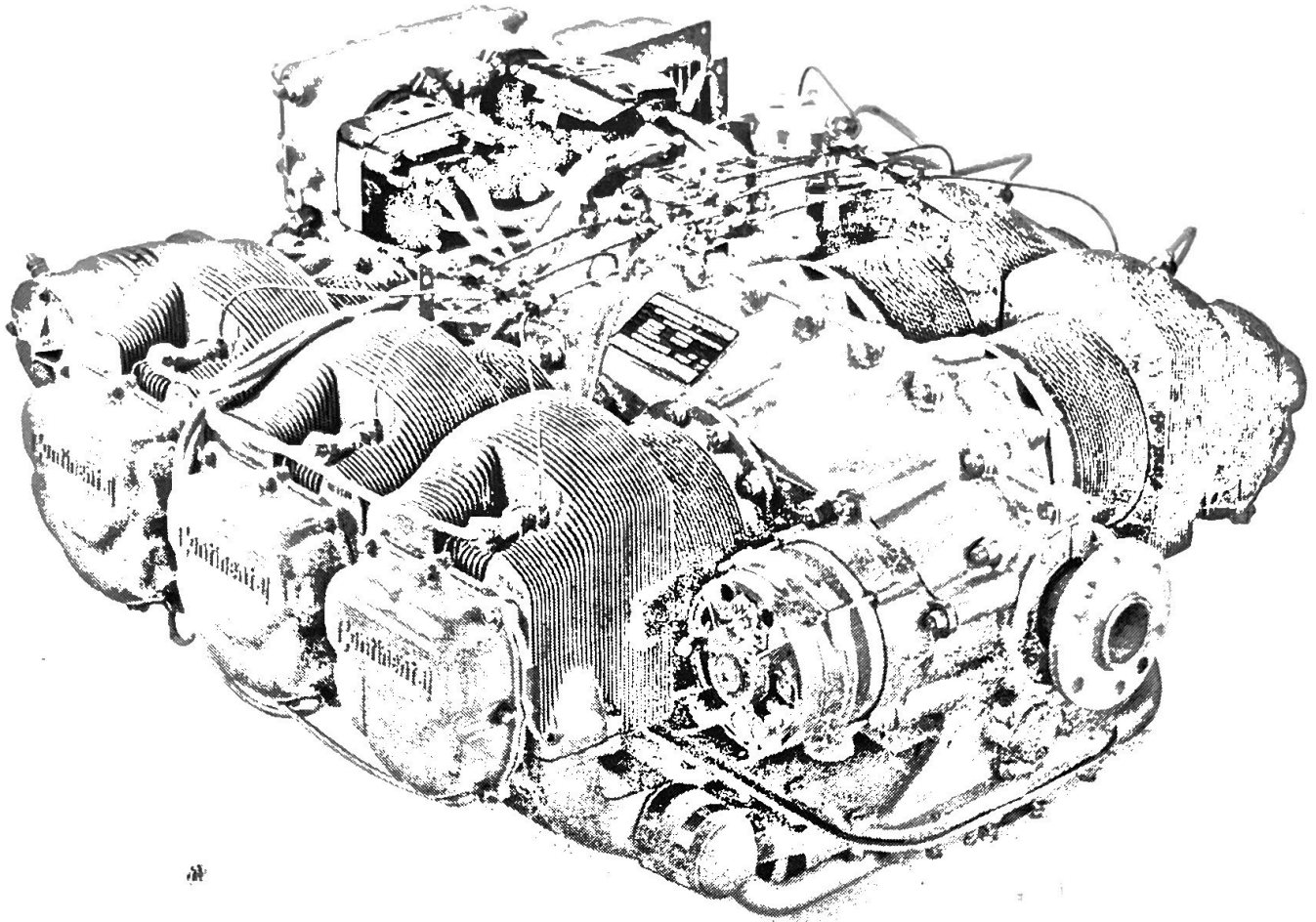



ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
9-12-02	0	0			Serviced Engine with 8 Qts of Phillips 20W50 Straight Mineral Oil on 9/12/02 by 



LOG BOOK ENTRY

DATE: 10/23/2002

MAKE: CIRRUS TOTAL TIME: 9.1 #: N847CD

MODEL: SR22 HOBBS TIME: 9.1 S/N: 0335

Removed and replaced MCU with new s/n 00318 IAW cirrus mm 24-30. Removed and replaced starter adapter with new and starter with new s/n 022100117, IAW cirrus mm 80-10 and TCM IO550 overhaul manual.

The work identified above was performed in accordance with the current Federal Aviation Regulation and was found to be airworthy for return to service. Pertinent details are on file at this agency under;

W/O#: 102202-02


SIGNED 

Cirrus Design Factory Service Center, CRS# YD5R855Y, 4515 Taylor Circle, Duluth, MN 55811

11/07/02	70.9hrs				Drained engine oil. Removed, or cut open, & inspected old oil filter (No Defects noted). Installed new CH48108 oil filter. Installed original oil drain plug with new gasket (MS35769-11). Serviced engine with 8 qts. of Aeroshell 15W50 multigrade engine oil. Engine Run & leak check good. work performed IAW Cirrus AMM 12-20.
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Pertinent details are on file at this

Agency under W/O #: 110702-01

Date: 11/7/02 Signature: 

Cirrus Design Factory Service Center

YD5R855Y, Duluth MN

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 2
 Repair Station #NF2R029L ENGINE LOG #1
 Type CIRRUS SR22 TT 127
 N # B47CD TSMOH
 S/N 335 REC. HR. METER 127
 ENGINE MODEL IO550N7
 ENGINE S/N 686397

CHANGE OIL AND FILTER-
 DRAINED OIL AND REMOVED FILTER. INSPECTED FILTER FOR CONTAMINANTS; NONE DETECTED. SERVICED ENGINE WITH EIGHT (8) QUARTS OF AEROSHELL 15W50 OIL AND INSTALLED NEW FILTER P/N CH48108. RAN ENGINE AND LEAK CHECKED WITH NO LEAKS DETECTED.
 THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. # 11625 DATE: 11/27/02
 SIGNED: *D. Morgan* For
 J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185
 F.A.A. APPROVED REPAIR STATION #NF2R029L

1-30-03 184.1 Changed Engine oil & Filter
 Champion 48108. Installed 8 qts
 Aeroshell 15W50 Inspected Filter
 for contaminants
 Robert S Peterson AP 1454786

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 4
 Repair Station #NF2R029L ENGINE LOG #1
 Type CIRRUS SR22 TT
 N # B47CD TSMOH
 S/N 0335 REC. HR. METER 201
 ENGINE MODEL
 ENGINE S/N

SPARK PLUG WIRES CHAFING ON CLAMPS-TOP OF ENGINE-
 INSTALLED TWO NEW CLAMPS P/N MS21919WCJ12 AS NEEDED TO SECURE WIRES.
 THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. # 11900 DATE: 3/5/03
 SIGNED: DONALD K. MORGAN *D. Morgan* For
 J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185
 F.A.A. APPROVED REPAIR STATION #NF2R029L

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
3-18-03	207	7	—	—	Changed Engine oil + Filter. Install new Champion 48108 oil Filter 8 qts Aeroshell 50wt. Inspected oil filter for contaminants Robert S. Peterson AP 1454786
5-21-03	266	5	—	—	changed Engine oil + Filter. Install new Champion 48108 oil Filter 8 qts Aeroshell 50wt Inspected filter for contaminants. OK clean c/c Breath Robert S. Peterson AP 1454786
8-28-03	311	6	—	—	changed Engine oil + oil filter Installed new Champion 48108 oil Filter 8 qts Aeroshell 50wt. Inspected oil Filter for contaminants ok Robert S. Peterson AP 1454786

Indiana Aircraft Service, Bedford, Indiana 47421

Date: Nov. 12, 2003

Cirrus SR22 N847CD S/N 0335

Hobbs time 332.2 hours

Completed Annual Inspection I.A.W. Cirrus SR22 Service Manual and Inspection report. Lubed flight control and cables. Serviced main battery with distilled water. Filled brake reservoir with 5606. Cleaned, inspected and repacked wheel bearings. ELT Ops check performed, Batteries next due 03/2008. AD's checked thru 2003-22. I certify that this airframe has been inspected IAW Annual Inspection and was found to be airworthy at this time.

Steven Cummings AP303768769IA

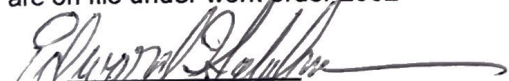
Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul		
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
1-15-04	364	8			changed Engine oil & filter Champion 48108 filter 8 qts Aero 15W50 checked filter for contamination - ok at this time R Peterson A+P 1454786
4-19-04	397	.0			Change Engine oil & filter install new Champion 48108 filter 8 qts Aeroshell 15W50 checked filter for contamination ok at this time R Peterson A+P 1454786
5-24-04	421	1			Change Engine oil & filter install new Champion 48108 filter 8 qts Aeroshell 50w cut open filter and check for contamination cleaned crankcase Breather R Peterson A+P 1454786
7-21-04	455	.9			Change Engine oil & filter install new Champion 48108 filter and 8 qts Aeroshell 15W50 syn Blend. cut filter open and check for contamination OK at this time R Peterson A+P 1454786

August 6, 2004 N847CD S/N 686793 Hobbs Time 456.6
 Checked fuel pressures and flow per SID 97-3D adjusted idle mixture 1/2 turn
 leaner all other parameters within limits.

The maintenance operation(s) described above were inspected in accordance
 with current regulations and with respect to work performed, the aircraft and/or
 component was found airworthy and is approved for return to service. Details
 are on file under work order 2552


 Edward Hobelman
 CRS MYNR748K

MA MONTGOMERY
 AVIATION INC
 11329 East State Road 32
 Zionsville, IN 46077
 317-769-4487

Certified Repair Station No MYNR748K

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

10/14/2004 HOBBS: 4869 AFTT: 4869 S/N: 335 N847CD W/O P17650W
 ENGINE TSN 4869 S/N 686397
 INSPECTED INDUCTION; NO DEFECTS NOTED CLEANED FUEL NOZZLES SET FUEL PRESSURE AND IDLE MIXTURE IN ACCORDANCE WITH TCM SID 97-3B. SWAPPED #2 AND #4 CHT PROBES AND INSPECTED WIRING. SWAPPED #1 AND #3 EGT PROBES AND CHECKED WIRING. INSTALLED NEW MUFFLER P/N 14836-001. ALL WORK COMPLETED IN ACCORDANCE WITH CIRRUS SR22 MAINTENANCE MANUAL.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS APPROVED FOR THE RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED [Signature] FOR
EAGLE CREEK AVIATION SERVICES, INC.-FAA CERTIFICATED
REPAIR STATION MV5R055N

Date	Total Time Hrs.	Total Time Min.	Time Since Last Overhaul Hrs.	Time Since Last Overhaul Min.	Description
Jan 3, 2005	507	8			Completed Annual Inspection IAW Cirrus SR22 Service Manual Replaced all Sparkplugs w/ Champion RHR32E Service engine w/ 8 qts of Aeroshell 15W50 and new CH48108 oil filter Replaced Brackett Air filter Element BA-24 Compression OK CW All cylinders 70% or better AD's CK'd thru 2004-24 Identify this eng has been inspected and was found to be Airworthy at this time <u>[Signature]</u> AP30376 8769277
2-22-05	508.5				oil cooler P/N 654585 installed - see airframe log this date.
5-20-05	550.1	56h			change oil & filter - CH48108, installed 8 qts Aeroshell 15W50 oil, cleaned crank case Breather, cut open oil filter check for contamination. OK at this time A. Petersen AP1454786

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections,
Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward →					
8-10-05	5	93.7			Change Engine oil, change filter Champion CH48108. Installed 8 qts Aero shell 15-50. cut open oil filter and check for contamination OK at this time R. Peteren AP 1454786
11-10-05	6	39.6			Change Engine oil & filters Champion CH48108 installed and 8 qts Aero shell 15-50. Remove & check Crank case breath cut open engine oil filter & check for contamination - OK at this time R. Peteren AP 1454786

01/23/06 HOBBS: 645.9 AFTT: 645.9 S/N: 335 N847CD W.O. P18334W

ENGINE: TSN: 645.9 S/N 686397
 COMPLIED WITH SB2X-28-04R1 "FUEL LINE CHAFING" BY INSPECTING FUEL LINES AND WIRING AND
 INSTALLING KIT P/N 70133-001 IN ACCORDANCE WITH KIT INSTALLATION INSTRUCTIONS. INSTALLED
 NEW MANIFOLD PRESSURE SENSOR P/N 12635-001. INSTALLED NEW #5 EGT PROBE P/N 14554-001.
 COMPLIED WITH GROUND RUN AND LEAK CHECKS; ALL CHECKS SATISFACTORY AT THIS TIME.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE
 WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS
 APPROVED FOR THE RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE
 UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED *[Signature]* FOR
**EAGLE CREEK AVIATION SERVICES, INC.-FAA CERTIFICATED
 REPAIR STATION MV5R055N**

2-01-06 N847CD Log: Engine Hobbs: 649.5 TT:
Annual inspection completed. Inspected Engine and Propeller in accordance with FAR
 43 App. D; Cirrus service manual; Continental service manual and Propeller service
 manual. Checked all continued airworthiness. All AD's complied with using T-data at
 this date, see attached A.D. copy for details. Performed the following:

- Compression #1 76/80 #2 73/80 #3 74/80 #4 71/80 #5 75/80 #6 64/80
- Oil changed and serviced with 8qts Aero-shell 15W-50 replaced filter CH48108,
 no metal found in old filter.
- Gaped plugs & timed mags.
- Cleaned airfilter

Lance Bartels *[Signature]* A&P/I.A. 2782999
 I _____ have test flown this aircraft and found it to
 be airworthy.


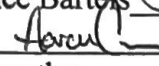
Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward

Maintenance completed by Cherryhill Aviation Inc.

3-12-2007 N847CD Log: Engine Hobbs: 784.4 smoh: 784.4
 -Compression #1 79/80 #2 66/80 #3 70/80 #4 67/80 #5 66/80 #6 70/80
 -Gaped plugs & timed mags
 -oil change P.C.W.


Annual inspection completed at this date. Inspected Engine in accordance with FAR 43 App. D; Cirrus service manual and Continental service manual. All AD's complied with at this date using T-data see attached AD copy for details. All continued airworthiness checked.

Lance Bartels  A&P/I.A. 2782999
 I  have flown this aircraft and found it to be airworthy.

N#: 847CD
 WO#: M07-200135
 DATE: 12/31/2007
 HOBBS: 862.1



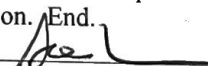
FAA REPAIR STA.
 #RSUR804H
 VARS-115

Changed oil and filter. Serviced with Aeroshell 15/50wt. Leak checked good. End.
 Signature: 

N#: 847CD
 WO#: M08-200235
 DATE: 4/10/2008
 HOBBS: 862.8
 TTSN: 862.8



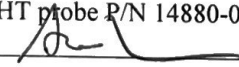
FAA REPAIR STA.
 #RSUR804H
 VARS-115

Cleaned and gapped spark plugs. Performed compression test #1 62/80, #2 60/80, #3 64/80, #4 60/80, #5 70/80, #6 72/80. AD 07-04-19 R1 (Eff. 5-7-07) N/A by parts- One time only. AD 07-16-10 (Eff. 8-23-07) N/A by no turbocharger- One time only. R&R induction filter element P/N BA-24. C/W 500 hour magneto inspection i/a/w TCM Master Service Manual. R&R contact point assy in L/H magneto P/N 10-382584. All ground run ops and leak checks good. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. End.
 Signature: 

N#: 847CD
 WO#: M08-200326
 DATE: 5/22/2008



FAA REPAIR STA.
 #RSUR804H
 VARS-115

R&R cyl #5 CHT probe P/N 14880-001. End.
 Signature: 

Please affix to your aircraft/engine logbook.

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					<p>N#: 847CD WO#: M09-200872 DATE: 8/1/2009 HOBBS: 933.1 TTSN: 933.1 Changed oil and filter- serviced with Aeroshell 15/50wt. Cleaned and gapped spark plugs. Performed compression test #1 48/80, #2 62/80, #3 66/80, #4 56/80, #5 68/80, #6 64/80. C/W TCM SID 97-3E. R&R induction air filter P/N BA-24. R&R throttle cable rod end P/N 11314-003. Used Cirrus Scheduled Inspection Report Dated 4-27-09. All ground run ops and leak checks good. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. End.</p> <p>Signature: <u><i>John</i></u></p>

VA Virginia Aviation

FAA REPAIR STA.
 #RSUR804H
 VARS-115

847CD
 Cirrus SR22
 10/01/2010
 Drained oil serviced with 10 Qts. Aeroshell 15/50, Installed new CH48108-1 oil filter. Washed engine compartment, ground run, no leaks found. Returned to Service this date.

Signature: *Mark Hardin*

Mark Hardin 3213518A&P

Cirrus SR22 TACH: 993.2
 N847CD 10/01/2010

Drained oil serviced with 10 Qts. Aeroshell 15/50, Installed new CH48108-1 oil filter. Washed engine compartment, ground run, no leaks found. Returned to Service this date.

END
 Mark Hardin 3213518A&P

Mark Hardin

Date	Total Time		Last Overhaul		Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNF171L

N847CD

TACH & TOTAL 1012.8

DATE 12/14/2010

ENGINE S/N: 686397
 REMOVE ALL CYLINDERS FOR TOP OVERHAUL USING TCM OVERHAUL MANUAL P/N X300568A. REPLACE ALL CYLINDERS WITH ECI P/N CN 73.1 CERMINIL CYLINDER ASSEMBLIES, S/N 34084-1, 34084-2, 34084-3, 34084-5, 34084-6, 61831-01. SEE ECI WORK ORDER 92342.1 AND MS20500-428 AND REAL GASKET CORP. ROCKER-BOX GASKETS, P/N RG-632459. REPLACE 1 ROCKER BOX COVER P/N 631814 RAM AIRCRAFT W/O S096022. REMOVE OIL COOLER P/N 10281A, S/N K04-2147-1502 FOR REPAIR BY AMERICAN COOLER SERVICE, W/O 39511. INSTALL ON ENGINE WITH NEW 649965 GASKET. INSTALL SAFE-AIR PRODUCTS INC. OIL PAN QUICK DRAIN VALVE P/N S6250. DRAIN OIL. REMOVE FILTER. INSTALL CHAMPION CH48110-1 FILTER AND PHILLIPS 20-40M OIL. INSTALL GENERAL AVIATION MODIFICATIONS INC. (GAMI) FUEL INJECTORS I/A/W STC SE099635C, KIT S/N 20464. SEE FAA FORM 337 THIS DATE FOR DETAILS.

GROUND RUN ENGINE I/A/W ECI BREAK IN INSTRUCTIONS (FAA-DER APPROVED R2 10/09/2007). CHECK FOR OIL AND FUEL LEAKS. CHECK COMPRESSION, ALL CYLINDERS 60/80 OR BETTER. AIRCRAFT RETURNED TO SERVICE

[Signature]
 JOHN HOFFMAN
 A&P 3345810 IA



BLUE SKIES AVIATION

2010 Airport Dr. San Marcos, TX 78666
 Hangar: 512-392-7035 Mobile: 512-905-9449
www.compliance-aviation.com

03-22-2011 ENGINE Hobbs: 1039.2

Replaced EGT Probe (P/N: 14554-001) on Cylinder #3 Exhaust stack, Op
 Check Good.

[Signature]
 Brian E. Klinedinst
 A&P 3555098



Southwest Texas Aviation Inc.
1815 Airport Dr. San Marcos, Texas 78666
(512) 353-3455

Service Record
Repairs, Special Inspections

Date: 9-3-13 Hobbs: 1233.5 Reg #: N847CD

Inspected Engine in accordance with the scope and detail of FAR 43 Appendix D and using the Cirrus SR22 Scheduled Inspection Checklist as a guide. Drained oil and removed filter. Serviced engine with 8 qts. Phillips X/C 20w50 and new CH48108-1 filter. Cut open old filter and inspected for metal...none found. Compressions: (1) 70/80, (2) 76/80, (3) 72/80, (4) 74/80, (5) 72/80, (6) 74/80 (Master Orifice= 42/80). Cleaned, gapped, rotated and reinstalled spark plugs with new sealing washers. Leak checked exhaust system. Reinstalled engine and leak checked. 500Hr. maintenance / repair by Quality Aircraft Accessories (See Attached Tags). Washed engine and reinstalled Lube engine control rod ends and inspected for security and condition. Ultrasonic cleaned all fuel injector nozzles and reinstalled with new seals. Sealed gap at the bottom of the oil cooler with high temp RTV. Installed new Bracket air filter element P/N: BA-24. Inspected fluid lines for security, condition, and routing. Inspected engine mount and isolators for security and condition. Checked wiring for security, condition and routing. Installed Porta-Test box and checked fuel system pressures and flows per TCM SID97-3F. AD's checked through 2013-17, see compliance list folder in aircraft records. I certify that this Engine has been inspected in accordance with a 100 Hr. Inspection and was Determined to be in an Airworthy Condition

Chad Shaver
A&P 3492690A

Dallas Executive Aircraft Service, LLC
Phone: 214-558-1238
Email: shavermchad@gmail.com

Aircraft: N847CD
S/N: 0335
Engine log
Engine: IO-550-N
S/N: 686397

Hobbs: 1274.2

Drained engine oil and removed filter. Cut filter, no metallic contamination found. Installed new CH48108-1 filter and serviced with 8 quarts of Phillips X/C 20W 50 oil. Ran engine, leak and operational checks good. 12/18/13 Chad Shaver A&P 2857120

Chad Shaver

Dallas Executive Aircraft Service, LLC
Phone: 214-558-1238
Email: shavermchad@gmail.com

Aircraft: N847CD
S/N: 0335
Engine log
Engine: IO-550-N
S/N: 686397

Hobbs: 1276.4

Removed starter and starter adapter and sent adapter out for repair. Installed repaired starter adapter P/N 64208A12, S/N 13317 and new Skytec P/N C245T5, S/N AC5471316. Ran engine, leak and operational checks good. 1/22/14 Chad Shaver A&P 2857120

Chad Shaver

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward →				

Dallas Executive Aircraft Service, LLC
 Phone: 214-558-1238
 Email: shavermchad@gmail.com

Aircraft: N847CD Engine: IO-550-N
 S/N: 0335 S/N: 686397
 Engine log

Hobbs: 1302.5 ETT: 1302.5
Time Items Complied with:
 1. Performed 100 hour inspection.
Maintenance Actions Performed:
 1. Ran compressions test, compressions read: #1: 76/80, #2: 76/80, #3: 72/80, #4: 78/80, #5: 75/80, #6: 72/80.
 2. Installed 3 new spark plugs P/N RHB32E, operational checks good.
 I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. 10/29/14 Mark Curless A&P 424828181

Mark Curless

Dallas Executive Aircraft Service, LLC
 Phone: 214-558-1238
 Email: shavermchad@gmail.com

Aircraft: N847CD Engine: IO-550-N
 S/N: 0335 S/N: 686397
 Engine log

Hobbs: 1306.1
Maintenance Performed:
 1. Drained engine oil and removed filter. Cut filter, no metallic contamination found. Installed new CH48108-1 filter and serviced with 8 quarts of Phillips 20W 50 oil. Ran engine, leak and operational checks good.
 11/25/14 Chad Shaver A&P 2857120

ENGINE MODEL: IO-550-N (7)
 ENGINE S/N: 686397
 REG. NO: N847CD
 WORK ORDER: 0402

Aviator Air Services LLC.
 4985 Voyager Dr.
 Hanger 1A
 Dallas, TX 75237
 Phone: 214-330-2650

DATE: 4/15/2015
 A/C TSN: 1344.9
 ENG TT: 1344.9
 HOBBS: 1344.9

Engine Entries
 Reinstalled the mechanical fuel pump P/N 655921-1A5 S/N B02HA239 after overhaul performed by Mikes's Aircraft Fuel Metering Service on work order 27317 dated 04/10/2015. Adjusted in accordance with CMI M-16.... Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108-2 filter and serviced with 8 quarts of Phillips 20W50XC.

DATE: 4/15/2015 SIGNED: *Isaiah Daw* Work Order: 0402
 Printed by EBis 3 (datcomedia.com)
 Isaiah Daw, A&P: 2594100

ENGINE MODEL: IO-550-N (7)
 ENGINE S/N: 686397
 REG. NO: N847CD
 WORK ORDER: 0411

Aviator Air Services LLC.
 4985 Voyager Dr.
 Hanger 1A
 Dallas, TX 75237
 Phone: 214-330-2650

DATE: 4/23/2015
 A/C TSN: 1347.3
 ENG TT: 1347.3
 HOBBS: 1347.3

Engine Entries
 Installed new set of P/N URHB32E spark plugs.... Adjusted the mag timing to 22 degrees BTDC.... Cleaned the ignition harness spark plug lead springs and insulator tips.

DATE: 4/23/2015 SIGNED: *Isaiah Daw* Work Order: 0411
 Printed by EBis 3 (datcomedia.com)
 Isaiah Daw, A&P: 2594100

Engine Service and Maintenance Record


Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Brought Forward

Date	Total Time		Time Since Last Overhaul		ENGINE MODEL IO-550-N (7) ENGINE S/N 686397 REG NO N847CD WORK ORDER 0438	Dedicated Aircraft Work 4985 Voyager Dr Hanger 1A Dallas, TX 75237 Phone: 214-330-2650	DATE 8/4/2015 A/C TSN: 1488.7 ENG TT: 1388.7 HOBBS: 1388.7
	Hrs	Min	Hrs	Min			
					Engine Entries Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108-2 filter and serviced with 8 quarts of Phillips 20W50XC. Replaced the #2 CHT probe P/N 14880-001		
SIGNED: <i>Isaiah Daw</i>							Work Order 0438
DATE 8/4/2015						Isaiah Daw, A&P: 2594100	Printed by EBis 3 (datcomedia.com)

					Engine Entries Performed engine 100HR/annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through bi-weekly release 2015-23.... The engine compressions were checked with the following results: #1 72/80, #2 70/80, #3 72/80, #4 72/80, #5 71/80, #6 68/80. Master orifice 42/80.... Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108-2 filter and serviced with 8 quarts of Phillips 20W50XC.... Adjusted both magnetos to 22 BTDC.... Adjusted the engine idle and idle mixture.		
SIGNED: <i>Isaiah Daw</i>							Work Order: 0435
DATE 12/1/2015						Isaiah Daw, IA: 2594100	Printed by EBis 3 (datcomedia.com)

					Engine Entries Performed engine 100HR/annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2016-26.... The engine compressions were checked with the following results: #1 74/80, #2 74/80, #3 74/80, #4 72/80, #5 76/80, #6 74/80. Master orifice 44/80.... Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108-2 filter and serviced with 8 quarts of Phillips 20W50XC.... Replaced the crack seal P/N 641250.... Replaced 2 intake tube clamps P/N AN737TW82.... Cleaned all the ignition harness spark plug lead insulator tips.		
SIGNED: <i>Isaiah Daw</i>							Work Order: 0569
DATE 1/4/2017						Isaiah Daw, IA: 2594100	Printed by EBis 3 (datcomedia.com)


 Dallas Executive Aircraft Service • 5025 Voyager Dr Suite A, LB 58 • Dallas, TX 75237 • 2145581238

October 18, 2017 **N847CD** **Tach: 0.0**

1. Drained engine oil and removed filter. Cut filter, no metallic contamination found. Installed new CH48108-1 Filter and serviced with 7 qts Phillips 20w50 oil. Ran engine, leak and op checks good. With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Dallas Executive Aircraft Service under work order: 2160.

Mark Curless A&P IA 424828181 *[Signature]*

Engine wo: WO_2560

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward				

ENGINE MODEL: IO-550-N (7)
 ENGINE S/N: 686397
 REG NO: N847CD
 WORK ORDER: 0633

Datcom Aero Tech Services
 688 CR 1143
 Type: TX 75704
 Phone: 972-834-3478

DATE: 3/6/2018
 A/C TSN: 1538 5
 ENG TT: 1538 5
 HOBBS: 1538 5

Engine Entries

Performed engine 100HR/annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2018-04. The engine compressions were checked with the following results: #1 70/80, #2 70/80, #3 72/80, #4 74/80, #5 72/80, #6 70/80. Master office 44/80. Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108 2 filter and serviced with 8 quarts of Phillips 20W50XC. Adjusted the engine idle and idle mixture.

I certify this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition.

DATE: 3/6/2018

SIGNED: *Isiah Daw*
 Isiah Daw, A&P 2594100

Work Order: 0633

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-N (7)
 ENGINE S/N: 686397
 REG NO: N847CD
 WORK ORDER: 1367

Aero Tech Services
 4689 Eddie Rickenbacker Drive
 Addison, TX 75001
 Phone: 214-728-9007

DATE: 3/13/2018
 A/C TSN: 1538 5
 ENG TT: 1538 5
 HOBBS: 1538 5

Engine Entries

Check Spark Plugs.... Removed all Spark Plugs. Cleaned, gapped and tested as needed. Applied anti-seize and reinstalled all plugs. Torqued plugs to 30ft lbs and installed leads as needed.- Check Magneto Timing.... Checked Magneto to Engine timing and found L/H Magneto timed @ 21.1° and R/H Magneto timed @ 20.9°. Retimed L/H & R/H Magnetos to 22° BTDC as needed.- Clean Fuel Nozzles.... Removed Fuel Nozzles and submerged in MEK for 2hrs. Reinstalled Nozzles with C-5 anti-seize, 6ea. New O-Rings P/N SA630979-9B and 6ea. New Washers P/N 640612 as needed. Torqued Nozzles to 55inch lbs.- #4 Fuel Nozzle screen has a hole in it.... Removed faulty screen and installed new screen as needed. Function Check Satisfactory.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at this facility under Work Order No. 1367.

DATE: 3/13/2018

SIGNED: *Pat Pennington* AP3058066
 Pat Pennington, A&P: 3058066

Work Order: 1367

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550N7
 ENGINE S/N: 686397
 REG. NO: N847CD
 WORK ORDER: 1519



Aero Tech Services
 4689 Eddie Rickenbacker Drive
 Addison, TX 75001
 Phone: 214-728-9007

DATE: 4/5/2019
 A/C TSN: 1567
 ENG TT: 1567
 TACH:

Engine Entries

C/W 100 HR/ Annual Inspection of Engine.... Complied with 100 Hour/Annual Inspection of Engine. Compression Check #1 76/80 #2 72/80 #3 76/80 #4 78/80 #5 72/80 #6 75/80. Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer. Cleaned, Gapped and Tested All Spark Plugs.- Cylinders #1 & #2 Induction tube has loose intake boot clamp.... Tightened intake boot clamps as needed.- All valve covers seeping Oil.... Torqued all cylinder valve covers to 50in. lbs as needed. Leak check satisfactory.- #2 cylinder intake push rod seal leaking at cylinder side.... Found to be Air/ Oil separator Oil return hose. Tightened Air/Oil separator oil return clamp as needed. Leak check satisfactory.- #1, #5 & #6 cylinders EGT clamp loose.... Tightened all EGT clamps as needed.- Cabin heat scat hose has wire protruding.... Trimmed wire as needed.- Prop governor max rpm adjustment stop bolt has broken safety wire.... Removed broken safety wire and installed new safety wire as needed.- Various Engine cylinder EGT & CHT wires need secured.... Secured wires with tie wraps as needed.- Fuel strainer drain line b-nut has fuel staining.... Found b-nut loose. Tightened b-nut as needed. Leak check satisfactory.- Exhaust heat shroud stiffener spot welds broken.... Drilled out spot weld and installed 8EA. new monel rivets as needed.- #4 cylinder fuel injector line stand off needs repositioned.... Repositioned chaff hose and secured as needed.- #1 Alternator wiring needs secured.... Secured wiring using tie wraps as needed.- Performed Magneto timing check. Found L/H at 22.0° and R/H at 23.0°. Correct timing is 22.0° BTDC.... Adjusted R/H Magneto timing to 22° BTDC.- Engine Oil cooler lower L/H mount flange cracked.... Removed oil cooler and sent out for repair by Holly Fabrication. Reinstalled after repair by Holly Fabrication under WO#.- Engine fuel hoses dated from 2002 and due replacement.... Removed 6ea. outdated hoses and sent out for duplication by Avail Hose shop under WO#1004934697. Reinstalled 6ea. hoses as needed. Leak check satisfactory.- Fuel flow transducer mount hardware loose.... Tightened hardware as needed.- C/W 50 HR Oil and Filter Change.... Complied with 50 Hour Oil and Filter Change. Serviced with 9 qts Phillips 20W/50 XC Oil and Installed 1ea. New AA48108-2 Oil Filter as needed. Ground Run & Leak Checked Satisfactory.- TKS Hose firewall fitting jam nut loose.... Tightened jam nut as needed.- Troubleshoot oil leak at rear of Engine.... Tightened oil pan bolts as needed. Leak check satisfactory.- Troubleshoot #1 EGT slow to indicate.... Removed probe and cleaned connections. Applied contact promoter. Reinstalled probe as needed. Function check satisfactory.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at this facility under Work Order No. 1519.

DATE: 4/5/2019

SIGNED: *Pat Pennington* AP3058066
 Pat Pennington, IA: 3058066

Work Order: 1519

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ENGINE MODEL I0550N7
ENGINE S/N 686397
REG NO N847CD
WORK ORDER 1707



Aero Tech Services
4689 Eddie Rickenbacker Drive
Addison, TX 75001
Phone 214-728-9007

DATE 9/1/2020
A/C TSN
ENG TT 18037
HOBBS 18037

Date

Engine Entries

Complied with 100 Hour/Annual Inspection of Engine IAW TCM Standard Practice MM
C/W 100hr/Annual Inspection of Engine... Compression Check #1 72/80 #2 66/80 #3 74/80 #4 71/80 #5 68/80 #6 72/80 Found Satisfactory Checked
M-O Chapter 6 Compression Check #1 72/80 #2 66/80 #3 74/80 #4 71/80 #5 68/80 #6 72/80 Found Satisfactory Checked
Magneto Timing and Cleaned Fuel Strainer. Cleaned, Gapped and Tested All Spark Plugs.- C/W 50hr Oil and Filter change...
Complied with 50 Hour Oil and Filter Change Serviced with 8 qts Phillips XC 20/50 Oil and Installed 1ea. New AA48108-2 Oil Filter
as needed Ground Run & Leak Checked Satisfactory - Propeller Governor Cable chaffing on LH AFT Engine Mount... Installed
Magnetos Ground Wire Screw as needed - Various Cylinder Fuel Injector Gami Tags need secured... Repositioned all Cylinder Fuel
Line Gami Injector Tags and secured as needed - Alternator Wiring Rubber Grommet deteriorated... Removed deteriorated
Grommet and installed new Grommet as needed - RH Alternate Air Scat Hose at #5 Cylinder has holes... Applied HI-Temp RTV to
holes as needed - LH Magneto has grease/oil residue on housing... Inspected Magneto for leaks and found residue originating
from oil filter cap overspill. Cleaned Magneto Cap and surrounding area as needed - Perform Magneto Timing Check... Performed
Magneto Timing Check. Found L-20 9. R-22 9. Timed Magnetos to 22° BTDC. Function checked satisfactory.- Engine needs
degreased - Degreased Engine as needed - Troubleshoot #3 Cylinder EGT Probe inoperable... Removed faulty EGT Probe and
installed new Probe. Function checked satisfactory.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service
Pertinent details are on file at this facility under Work Order No. 1707

SIGNED:

Pat Pennington, IA: 3058066

Work Order: 1707

Printed by EBis 3 (datcomedia.com)

DATE: 9/1/2020

ENGINE MODEL I0550N7
ENGINE S/N 686397
REG NO N847CD
WORK ORDER 1884



Aero Tech Services
4689 Eddie Rickenbacker Drive
Addison, TX 75001
Phone: 214-728-9007

DATE: 11/11/2021
A/C TSN: 1619.1
ENG TT: 1619.1
TACH: 1619.1

Engine Entries

Complied with 100 Hour/Annual Inspection of Engine. Compression Check #1 74/80
C/W 100 HR/ Annual Inspection of Engine... Found Satisfactory. Checked Magneto Timing and cleaned Fuel Strainer. Cleaned,
#2 72/80 #3 73/80 #4 70/80 #5 72/80 #6 70/80. Found Satisfactory. Checked Magneto Timing and cleaned Fuel Strainer. Cleaned,
Gapped and Tested All Spark Plugs.- R/H Exhaust Heat shield is missing a screw... Installed a sheet metal screw as needed.-
Adjust Engine Idle & Idle Mixture... Adjusted to 730 RPM and idle mixture for a 20RPM rise at cutoff.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service
Pertinent details are on file at this facility under Work Order No. 1884

SIGNED:

Pat Pennington, IA: 3058066

Work Order: 1884

Printed by EBis 3 (datcomedia.com)

DATE: 11/11/2021

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tions,