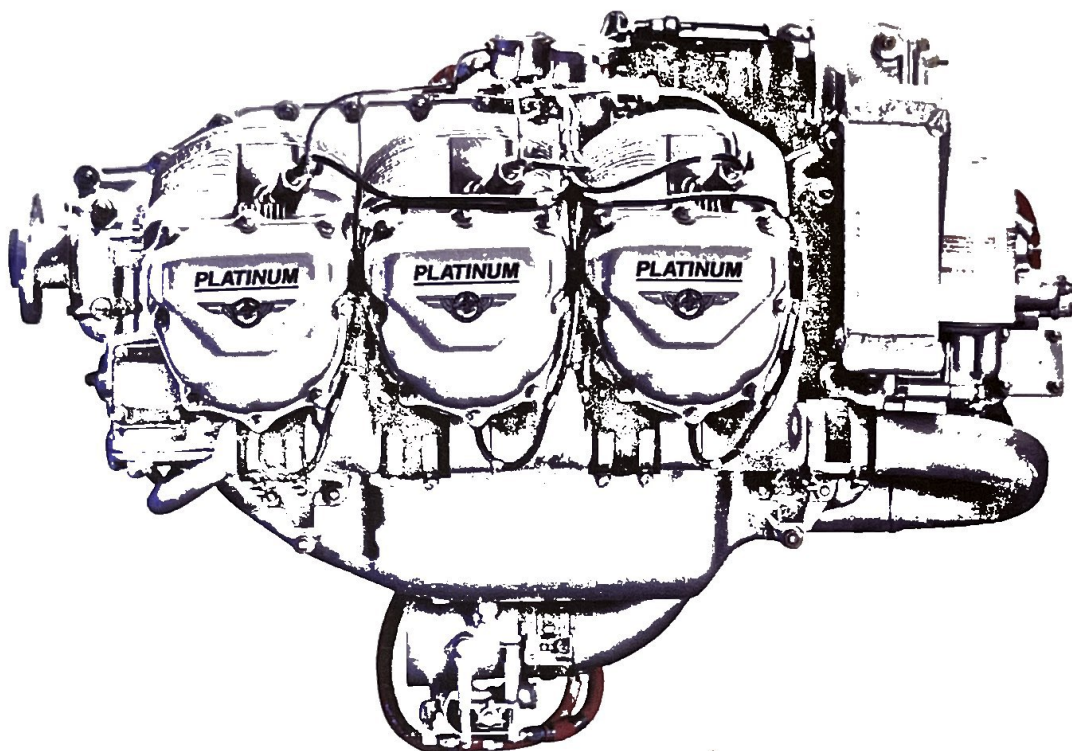


N483CD / N185A

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

Date	Total Time		Time Since Last Overhaul		<h2 style="margin:0;">Engine Service and Maintenance Record</h2> <p style="margin:0; font-size: small;">Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>
	Hrs.	Min.	Hrs.	Min.	

ENGINE MODEL IO-550-N
 ENGINE S/N 917636
 REG. NO. 483CD
 WORK ORDER 3477-04-2005



Cirrus Design Factory Service Center
 Repair Station No. YD5R855Y
 4515 Taylor Circle
 Duluth, MN 55811
 Phone: 218-788-3101

DATE: 4/23/2005
 A/C TSN: 12.1
 ENG. TT: 12.1
 HOBBS: 12.1

Engine Entries

(2) Removed & replaced cylinder #4 EGT sensor. P/N 14554-001 with new IAW MM 77-20. OP's check- good

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 4/23/2005

SIGNED: *Steve Goessling*
 Steve Goessling
 Certified Repair Station No. YD5R855Y

Work Order: 3477-04-2005
 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL IO-550-N
 (27)
 ENGINE S/N 917636
 REG. NO. 483CD
 WORK ORDER 3479-04-2005



Cirrus Design Factory Service Center
 Repair Station No. YD5R855Y
 4515 Taylor Circle
 Duluth, MN 55811
 Phone: 218-788-3101

DATE: 4/24/2005
 A/C TSN: 25.3
 ENG. TT: 13.2
 HOBBS: 25.3

Engine Entries

(1) 12-20 Drained engine oil & removed filter. Performed magnetic / particulate inspection on drain plug & filter element. no abnormalities noted. Installed new filter. CDC P/N 50857-001 and serviced engine with 8 QT's Phillips 20W-50 Mineral oil. Run-up & leak check- good. All work performed IAW MM 12-20.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 4/24/2005

SIGNED: *Steve Goessling*
 Steve Goessling
 Certified Repair Station No. YD5R855Y

Work Order: 3479-04-2005
 Printed by EBis 3 (datcomedia.com)

02 Nov 2005 50.9 Drained oil, Took Sample, Removed Filter and replaced with new CH48108. NO METAL FOUND on plug or Filter - Secured with 7 QTS EXXON ELITE 20W-50. LEAK CHECK Satisfactory - Adjusted Idle Mixture and RPM, Checked meters for proper fuel pressure. NO defects noted. Eng Run Satisfactory After mixture adjustment. [Signature]

470046442

ENGINE MODEL IO-550N
 (27)
 ENGINE S/N 937636
 REG. NO. N483CD
 WORK ORDER 1086-07-2005



Twin Cities Aviation, Inc.
 8891 Airport Rd #A-2
 Blaine, Minnesota 55449
 Phone: 763-784-9165

DATE: 7/28/2005
 A/C TSN: 98.3
 ENG. TT: 98.3
 HOBBS: 98.3

Engine Entries

Performed a 100 hour inspection IAW Cirrus SR22 maintenance manual inspection schedule. Detailed inspected as follows: Compressions: 1-76, 2-73, 3-75, 4-77, 5-74, 6-75. Drained oil, took sample, removed filter. Serviced with 8qts Exxon Elite 20W50 and CH48108 filter. Cleaned, inspected, gapped, tested, rotated spark plugs. Checked magneto timing. Inspected all hoses, wiring, lines, and accessories. Run-up and leak check satisfactory. The following discrepancies/items were addressed ---Inspected, cleaned and reinstalled fuel nozzles. Next inspection due @398.3. ---Replaced bent #1 cylinder fuel nozzle with new P/N 652312-12E.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 7/28/2005

SIGNED: *Scott D Welter*
 Scott Welter, A&P 477682962

Work Order: 1086-07-2005
 Printed by EBis 3 (datcomedia.com)

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



GRAND FORKS INTERNATIONAL AIRPORT
2467 AIR CARGO DRIVE • GRAND FORKS, ND 58203
Powerplant Logbook Insert

Date: 8/30/2005, Aircraft: 483CD, Type: CIRRUS DESIGN, S/N: 1401

Hobbs 137.1

Removed, cleaned, reinstalled #6 fuel nozzle and spark plugs. Ops check good.

Tom Kortisses
A&P 2770589

ENGINE MODEL: IO-550N
(27)
ENGINE S/N: 937636
REG NO N483CD
WORK ORDER:
1153-09-2005



Twin Cities Aviation, Inc.
8891 Airport Rd #A-2
Blaine, Minnesota 55449
Phone: 763-784-9165

DATE: 9/2/2005
A/C TSN: 139.3
ENG TT: 139.3
HOBBS: 139.3

Engine Entries

Drained oil, removed filter and installed new CH48108, Serviced with 7 qts Aeroshell 15w-50. Leak and operational check satisfactory.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 9/2/2005 SIGNED: Work Order: 1153-09-2005
Jeff Iskierka, A&P: 470046442 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550N
(27)
ENGINE S/N: 937636
REG NO: N483CD
WORK ORDER:
1315-01-2006

Twin Cities Aviation, Inc.
8891 Airport Rd #A-2
Blaine, Minnesota 55449
Phone: 763-784-9165

DATE: 1/19/2006
A/C TSN: 176
ENG TT: 176
HOBBS: 176

Engine Entries

Drain oil, took sample. Install new CH48108-1 filter. serviced engine with 8 quarts of Exxon Elite 20W-50 oil. Safety filter. Serviced brake res. and top off battery. Checked and serviced tires. Run-up and leak check satisfactory and —Complied with Cirrus Service Bulletin SB 2X-61-02 R1 by inspection and torque of spinner bulkhead to 20 to 22 ft-lbs. —Complied with Cirrus Service Bulletin SB 2X-61-03 by inspection and torque of propeller hub nuts, 70 to 80 ft-lbs.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 1/19/2006 SIGNED: Work Order: 1315-01-2006
Jeff Iskierka, A&P: 470046442 Printed by EBis 3 (datcomedia.com)

Record
Sections,

Brought

ENGINE MODEL IO-550N **Twin Cities Aviation, Inc.**
(27)
ENGINE S/N 937636 8891 Airport Rd #A-2
REG NO N483CD Blaine, Minnesota 55449
WORK ORDER Phone: 763-784-9165
1450-04-2006

DATE 5/2/2006
A/C TSN: 191 9
ENG TT: 191 9
HOBBS: 191 9

Engine Entries

CAV an annual engine inspection IAW Cirrus SR 22 MM and IG AD's researched to date. Researched all Cirrus SB's date. Cleaned engine. Drained oil and sample taken. Serviced w/ 7 qts of Aeroshell 15w-50 and a new CH48108-1 filter installed. Quick drain verified closed and filter torqued and safetied. R&R induction air filter w/ new BA-24. Cleaned, inspected, gapped and tested spark plugs. Compression #1 - 74/80 #2 - 72/80 #3 - 74/80, #4 - 68/80, #5 - 76/80 & #6 - 72/80 TCM min for day 41/80. Borescope of cylinders completed. External mag timing checked and adjusted to 24 deg BTDC +/- 1 degree. Tested all ignition leads. Operation found satisfactory. Checked control travels and lubed rod ends. Visually inspected and pressurized muffler assembly. No defects noted. Ground run, ops and leak check sat. I certify that this powerplant has been inspected iaw an annual inspection and was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed:

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service

DATE: 5/2/2006

SIGNED:

Jeff Iskierka, IA. 470046442

Work Order: 1450-04-2006

Printed by EBis 3 (datcomedia.com)

Date: 7/27/2006; Aircraft: N483CD; Type: SR22; S/N: 1401; Hobbs: 226.4; Total Time: 0.0
Engine Work ID 1933

Changed oil and filter (CH48108-1), took sample, cut filter, no metal noted, serviced engine with 8 qts. 15W50 Aeroshell. Ground run for ops and leak ck good.

Pat Harrington
A&P 2634950

Pat Harrington A&P 2634950

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

ENGINE MODEL: IO-550N
(27)
ENGINE S/N 937636
REG NO N483CD
WORK ORDER:
1810-11-2006



Twin Cities Aviation, Inc.
8891 Airport Rd #A-2
Blaine, Minnesota 55449
Phone: 763-784-9165

DATE: 11/29/2006
A/C TSN: 281 2
ENG TT: 69 7
HOBBS: 281 2

Engine Entries

Drained oil, took oil sample, removed filter, inspected filter, verified drain closed/locked/safetied, installed new CH48108-1 oil filter, torqued and safetied, serviced with 7 quarts Aeroshell 15W50, checked lights, battery electrolyte level, serviced tires, ground run, leak check satisfactory.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service

DATE: 11/29/2006

SIGNED:

Camilo A Vega, A&P 583185929

Work Order: 1810-11-2006

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ENGINE MODEL: IO-550N
(27)
ENGINE S/N 937636
REG NO N483CD
WORK ORDER:
1894-01-2007



Twin Cities Aviation, Inc.
8891 Airport Rd #A-2
Blaine, Minnesota 55449
Phone: 763-784-9165

DATE: 1/10/2007
A/C TSN: 286 2
ENG TT: 74 7
HOBBS: 286 2

Engine Entries

Cleaned, gapped and tested spark plugs, all test satisfactory. Cleaned and tested ignition leads, tested satisfactory. Adjusted magneto timing to 22 degrees. Run-up operational check satisfactory.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 1/10/2007

SIGNED:

Work Order: 1894-01-2007

Printed by EBis 3 (datcomedia.com)

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

Engine Service and Maintenance Record

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

ENGINE MODEL IO-550N
(27)
ENGINE S/N 937636
REG NO N483CD
WORK ORDER
1894-01-2007



Twin Cities Aviation, Inc.
8891 Airport Rd #A-2
Blaine, Minnesota 55449
Phone 763-784-9165

DATE 1/11/2007
A/C TSN 286 2
ENG TT 1007
HOBSBS 286 2

Engine Entries

Tested fuel pressure system IAW SID97-3C. Tested satisfactory. Re-installed fuel control cap to swivel T fitting. Adjusted idle speed stop screw to previous setting before test. No leaks detected. Run-p operational test satisfactory.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 1/11/2007

SIGNED:

[Signature]

Work Order: 1894-01-2007

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ENGINE MODEL IO-550N
(27)
ENGINE S/N 937636
REG NO N483CD
WORK ORDER
2024-04-2007



Twin Cities Aviation, Inc.
8891 Airport Rd #A-2
Blaine, Minnesota 55449
Phone 763-784-9165

DATE: 4/13/2007
A/C TSN: 302 2
ENG TT: 9997
HOBSBS: 302 2

Engine Entries

CAW a annual engine inspection IAW Cirrus SR 22 MM and IG AD's researched to date. Researched all Cirrus SB's date. Cleaned engine. Drained oil and sample taken. Serviced w/ 7 qts of Aeroshell 15w-50 and a new CH48108-1 filter installed. Quick drain verified closed and filter torqued and safetied. R&R induction air filter w/ new BA-24. Cleaned, inspected, gapped and tested spark plugs. Borescoped/leakdown tested cylinders IAW TCM service bulletin SB03-3. Compression #1 - 70/80, #2 - 72/80, #3 - 66/80, #4 - 74/80, #5 - 70/80 & #6 - 75/80. TCM min for day 42/80. External mag timing checked and adjusted to 22 deg BTDC +/- 1 degree. Tested all ignition leads. Operation found satisfactory. Checked control travels and lubed rod ends. Visually inspected and pressurized muffler assembly. No defects noted. Ground run, ops and leak check satisfactory. I certify that this powerplant has been inspected IAW a annual inspection and was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed — Cleaned fuel injectors and reinstalled IAW 100/300 inspection requirements.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 4/13/2007

SIGNED:

Jeff Iskierka, IA. 470046442

[Signature]

Work Order: 2024-04-2007

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL IO-550N
(27)
ENGINE S/N 937636
REG NO N483CD
WORK ORDER
2162-06-2007



Twin Cities Aviation, Inc.
8891 Airport Rd #A-2
Blaine, Minnesota 55449
Phone 763-784-9165

DATE: 6/25/2007
A/C TSN: 330
ENG TT: 330
HOBSBS: 330

Engine Entries

Checked fuel control system IAW TCM SID 97-3C, removed fuel injection nozzles, cleaned fuel injection nozzles, removed and cleaned gascolator screen, flushed fuel lines, flushed fuel flow divider, re-installed cleaned fuel injectors, adjusted fuel injection system IAW TCM SID 97-3, ground run satisfactory.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 6/25/2007

SIGNED:

[Signature]

Work Order: 2162-06-2007

ENGINE MODEL IO-550N
(27)
ENGINE S/N 937636
REG NO N483CD
WORK ORDER
2542-03-2008



Twin Cities Aviation, Inc.
8891 Airport Rd #A-2
Blaine, Minnesota 55449
Phone 763-784-9165

DATE: 3/13/2008
A/C TSN: 368
ENG TT: 368
HOBSBS: 368
405.5
405.5

Engine Entries

Complied with 50 hr inspection, drained oil, took oil sample, removed filter, inspected filter, verified drain closed/locked/safetied, serviced engine with 7qts Aeroshell 15W50 installed new CH48108-1 filter, torqued and safetied, checked lights, checked electrolyte level, serviced tires, ground run, ops check and leak check satisfactory.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 3/13/2008

SIGNED:

[Signature]

Work Order: 2542-03-2008

David Posten, A&P 557197258

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

Engine Service and Maintenance Record

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

Broug

ENGINE MODEL IO-550N
(27)
ENGINE S/N 937636
REG NO N483CD
WORK ORDER
2569-04-2008



Twin Cities Aviation, Inc.
8891 Airport Rd #A-2
Blaine, Minnesota 55449
Phone 763-784-9165

DATE 4/17/2008
A/C TSN 416 5
ENG TT 416 5
HOBBS 416 5

Engine Entries

C/W a annual engine inspection IAW Cirrus SR 22 MM and IG AD's researched to date. Researched all Cirrus SB's date. Cleaned engine. Drained oil and sample taken. Serviced w/ 7 qts of Aeroshell 15w-50 and a new CH48108-1 filter installed. Quick drain verified closed and filter torqued and safetied. R&R induction air filter w/ new BA-24. Cleaned, inspected, gapped and tested spark plugs. Borescoped/leakdown tested cylinders IAW TCM service bulletin SB03-3, Compression #1 - 66/80, #2 - 66/80, #3 - 68/80, #4 - 66/80, #5 - 64/80, #6 68/80. TCM mjn for day 46/80. External mag timing checked and adjusted to 22 deg BTDC +/- 1 degree. Tested all ignition leads. Operation found satisfactory. Checked control travels and lubed rod ends. Visually inspected and pressurized muffler assembly. No defects noted. Ground run, ops and leak check satisfactory. I certify that this powerplant has been inspected IAW a annual inspection and was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed ---Removed and replaced right front and center engine baffle IAW Cirrus Service Bulletin, SB 2X-71-14 R1, Kit PN 70111-001

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 4/17/2008

SIGNED:

Andrew Bougetz

Andrew Bougetz, IA 2656245

Work Order: 2569-04-2008

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ENGINE MODEL IO-550N
(27)
ENGINE S/N 937636
REG NO N483CD
WORK ORDER
2656-05-2008



Twin Cities Aviation, Inc.
8891 Airport Rd #A-2
Blaine, Minnesota 55449
Phone 763-784-9165

DATE: 5/30/2008
A/C TSN: 471 4
ENG TT 471 4
HOBBS: 471 4

Engine Entries

Complied with 50 hr inspection, drained oil, took oil sample, removed filter, inspected filter, verified drain closed/locked/safetied, serviced engine with 7qts Aeroshell 15W50 installed new CH48108-1 filter, torqued and safetied, checked lights, checked electrolyte level, serviced tires, ground run, ops check and leak check satisfactory.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 5/30/2008

SIGNED:

Dennis Lentz

Dennis Lentz, A&P 2190097

Work Order: 2656-05-2008

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL IO-550N
(27)
ENGINE S/N 937636
REG NO N483CD
WORK ORDER
2786-08-2008



Twin Cities Aviation, Inc.
8891 Airport Rd #A-2
Blaine, Minnesota 55449
Phone 763-784-9165

DATE: 8/29/2008
A/C TSN: 517 9
ENG TT: ~~517 9~~
HOBBS: 517 9

Engine Entries

Complied with 50 hr inspection, drained oil, took oil sample, removed filter, inspected filter, verified drain closed/locked/safetied, serviced engine with 7qts Aeroshell 15W50 installed new CH48108-1 filter, torqued and safetied, checked lights, checked electrolyte level, serviced tires, ground run, ops check and leak check satisfactory. *Complied with 500 hour inspection on LH and RH magnetos IAW TCM Maintenance Manual, installed new Contacts, PN: 10-382584, Capacitors, PN: 10-400615, O-Rings, PN: 10-349263, Blocks, PN: 10-357426, Gear Kit, PN: 10-357586, Felts, PN: 10-50752, Mounting Gaskets, PN: 10-400613, Oil seal 10-357592, Oil slinger 10-51678. Complied with AD 2005-12-06 by inspection IAW TCM Mandatory Service Bulletin MSB645. X= 035 on RH Magneto SN Do5BA107, X= 032 on LH Magneto SN: Do5BA108, Type S6RSC-25, PN: 10-500556-1, Next inspection due at Hobbs time. AD 96-12-07 Superseded by AD 2005-12-06, Re-installed magnetos, set timing to 22 degrees +/- 1 degree, ground run, ops checked satisfactory.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 8/29/2008

SIGNED:

Camilo Vega

Camilo A Vega, A&P 583185929

Work Order: 2786-08-2008

Printed by EBis 3 (datcomedia.com)

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 F

ENGINE MODEL IO-550N
(27)
ENGINE S/N 937636
REG NO N483CD
WORK ORDER
3043-04-2009

Twin Cities Aviation, Inc.
8891 Airport Rd #A-2
Blaine, Minnesota 55449 USA
Phone 763-784-9165

DATE 4/28/2009
A/C TSN 517 9
ENG TT 517 9
HOBBS 517 9

Engine Entries

C/V a annual engine inspection IAW Cirrus SR 22 MM and IG AD's researched to date. Researched all Cirrus SB's date. Cleaned engine. Drained oil and sample taken. Serviced w/ 7 qts of Aeroshell 15w-50 and a new CH48109-1 filter installed. Quick drain verified closed and filter torqued and safetied. R&R induction air filter w/ new BA-24. Cleaned, inspected, gapped and tested spark plugs. Borescoped/leakdown tested cylinders IAW TCM service bulletin SB03-3. Compression: #1 - 68/80, #2 - 68/80, #3 - 72/80, #4 - 70/80, #5 - 68/80, #6 - 72/80. TCM min for day 46/80. External mag timing checked and adjusted to 22 deg BTDC +/- 1 degree. Tested all ignition leads. Operation found satisfactory. Checked control travels and lubed rod ends. Visually inspected and pressurized muffler assembly. No defects noted. Ground run, ops and leak check satisfactory. I certify that this powerplant has been inspected IAW a annual inspection and was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed:

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 4/28/2009

SIGNED:

Jeff Iskierka, IA: 470046442




Work Order: 3043-04-2009

Printed by EBis 3 (datcomedia.com)

9/9/09 628.0 TT

OIL WAS DRAINED AND FILTER REPLACED
AND SERVICED WITH 7 QTS AS 15W50
By VALTERS @ LAKE ELMO ✓

9-23-09 

VALTERS AVIATION, INC., LAKE ELMO, MN 55042

11-20-2009

N483CD

HOBBS: 669.9

TT: 669.9

- CHANGED OIL SERVICED WITH 7 QTS AEROSHELL 15W-50 REPLACED OIL FILTER CH481109-1
- CUT AND INSPECTED OIL FILTER PLEATS FOR DEBRIS. FOUND TO BE OK.
- DRAW OIL SAMPLE AND SEND IN FOR ANALYSIS
- REMOVE CLEAN AND TESTED ALL SPARKPLUGS, REPLACED ONE PLUG P/N: RHB32S. DUE TO CRACK FOUND ON GROUND WIRE
- REPLACED ALTERNATOR WITH OVERHAULED P/N: 646843 S/N: 005HYA620 AND OVERHAULED DRIVE COUPLING P/N: 646655, INSTALLED BY QUALITY AIRCRAFT ACCESSORIES CRS: QYIR334Y


JOSEPH SCHUTLE

A&P 3162006

Date

Total Time

Time Since Last Overhaul

Engine Service and Maintenance Record

Installations Inspections Airworthiness Directives Special Inspections

VALTERS AVIATION, INC. LAKE ELMO, MN 55042

Broug

4-19-2010

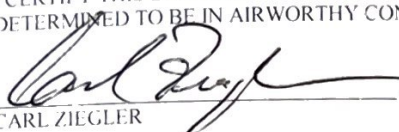
N483CD

HOBBS 6879

ETT 6879

- ANNUAL INSPECTION COMPLETED THIS DATE
- CHANGED OIL W/ 8 QTS AEROSHELL 15W50
- REPLACED OIL FILTER CHAMPION P/N CH48109-1
- CUT OPEN AND INSPECTED OIL FILTER NO CONTAMINATION FOUND SENT OUT OIL SAMPLE FOR ANALYSIS
- CLEANED GAPPED AND TESTED SPARK PLUGS
- COMPRESSIONS: 1) 70 2) 70 3) 72 4) 60 5) 67 6) 70 MASTER ORFICE READING 43PSI
- REMOVE LEAN AND INSTALL ALL INJECTOR NOZZLES WITH NEW SEALS
- REPLACED #5 CYLINDER INJECTOR LINE CLAMP WITH NEW
- CHECK AND ADJUST FUEL PRESSURE SETTINGS PER T.C.M. SID 97-3
- UPDATED AD COMPLIANCE LISTING THRU THIS DATE

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION


 CARL ZIEGLER 26581991A

VALTERS AVIATION, INC., LAKE ELMO, MN 55042

12-24-2010

N483CD

HOBBS: 725

TT: 725

- CHANGED OIL SERVICED WITH 8 QTS AEROSHELL 15W-50 REPLACED OIL FILTER CH481109-1
- CUT AND INSPECTED OIL FILTER PLEATS FOR DEBRIS. FOUND TO BE OK.
- PULLED MAGNETIC PLUG INSPECT OK, REINSTALLED AND SAFTIED.


 CARL ZIEGLER AP2658199

ENGINE MODEL: IO-550N
 (27)
 ENGINE S/N: 937636
 REG. NO: N483CD
 WORK ORDER:
 3880-02-2011

Twin Cities Aviation, Inc.

8891 Airport Rd #A-2
 Blaine, Minnesota 55449 USA
 Phone: 763-784-9165

DATE: 3/1/2011
 A/C TSN: 726
 ENG TT: 726
 HOBBS: 726

Engine Entries

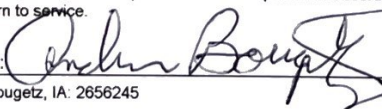
C/W an Annual Engine Inspection IAW Cirrus SR 22 MM and IG. AD's researched to date. Researched all Cirrus SB's date. Cleaned engine. Oil change not performed previous completed on 12/24/2010 Hobbs: 725.0. Quick drain verified closed and safetied. R&R induction air filter w/ new BA-24. Cleaned, inspected, gapped and tested spark plugs. Borescoped/leakdown tested cylinders IAW TCM service bulletin SB03-3, Compression: #1 - 73/80, #2 - 72/80, #3 - 70/80, #4 - 54/80, #5 - 73/80, #6 - 70/80. TCM min for day 42/80. External mag timing checked and adjusted to 22 deg BTDC +/- 1 degree. Tested all ignition leads. Operation found satisfactory. Checked control travels and lubed rod ends. Visually inspected and pressurized muffler assembly. No defects noted. Ground run, ops and leak check satisfactory. I certify that this Powerplant has been inspected IAW an Annual Inspection and was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed:—C/W AD 10-11-04, Hydraulic Lifters, DNA by date of engine manufacture.—Cleaned, re-crimped and added Stabilant 22 to #6 EGT connectors to promote conductivity.—Installed spiral wrap and tie ways to ignition harness to prevent chafing on fuel injector lines.—Installed large area washers on 7 bolts for oil cooler baffle to prevent wear.—Removed sheared rivet from right rear engine baffle, near right magneto, installed screw, lock nut and washers.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 3/1/2011

SIGNED:

Andrew Bougetz, IA: 2656245



Work Order: 3880-02-2011

Printed by EBis 3 (dalcomedia.com)

ENGINE MODEL IO-550N
(77)
ENGINE S/N 937636
REG NO N483CD
WORK ORDER
3889-03-2011

Twin Cities Aviation, Inc.
8891 Airport Rd #A-2
Blaine, Minnesota 55449 USA
Phone: 763-784-9165

DATE 3/23/2011
A/C TSN 726
ENG TT 726
HOBBS 726

Date

Engine Entries

Installed Tanis engine pre-heat system, P/N TAS100-12-76-DT, installed flush mount power plug, P/N FMP-AS, and power indicator light, P/N PLT, IAW Tanis Aircraft Products installation instructions. Ops checked satisfactory.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 3/23/2011

SIGNED:

Andrew Bougetz, A&P: 2656245

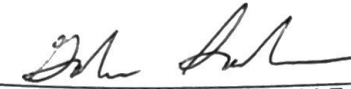
Work Order: 3889-03-2011

Printed by EBIS 3 (datcomedia.com)

Brought Fon

8/16/11 N483CD HM: 788

Changed oil and filter. Added 7 quarts Shell 15w50 oil. Run up good.


Gabe Soehren 3361780

2-2-12

HM 850.5

Changed oil + filter. Added Shell 15w50.
Run up good.

GABE SOEHREN AP 3361780


New Ulm
Flight Service

5/2/12

HM & TT: 890

Comp test: 76 54 76 68 70 72
Master orifice 44/80. Changed oil and filter. Added Shell 15w50 oil. No metal noted in filter. Cleaned plugs. Checked mag timing and fuel pressure.

I certify that this engine was inspected in accordance with an 100 hour inspection and was determined to be in airworthy condition.


Dan Soehren 476668220AI

3-7-13

HM 948

Changed oil + filter. Added Shell 15w50.
Run up good.

GABE SOEHREN AP 3361780

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

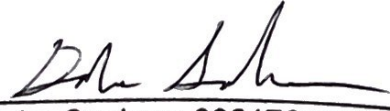
New Ulm
Flight Service

6/4/13

HM & TT: 1008.1

Comp test: all over 70/80
 Removed #4 and #6 cylinder due to cracks. Installed new cylinder assembly p/n 658178A1 and piston pin p/n SA630046 and all related gaskets. Changed oil and filter. Added Phillips 20-50 Type M. Removed mags for 500 hour inspection and replaced contacts in both. Ops check good.

I certify that this engine was inspected in accordance with an 100 hour inspection and was determined to be in airworthy condition.


 Gabe Soehren 3361780A&P

7-18-13	HM 1029	Changed oil + filter. Added Shell 15w50. Run up good.
		GABE SOEHRN AP3361780

FAA - PMA

This tag certifies that Sky-Tec Model No. C24ST5
 Serial No. 4C5-291328 was manufactured new on 25 Jul 2013
 by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
 Supplement No. 6 in accordance with Sky-Tec's
 FAA-Approved Quality System (14CFR Part 21, Subpart K).
 This article has been determined to be airworthy.
 For installation eligibility see www.skytecair.com/eligibility.htm
 Starter Installed on N 4783CO by 
 (Aircraft) (Mechanic) 476668220 AI

11-6-13 HM 1066
 Form CC1108-1

11-6-13	HM 1066	Re mags + replaced starter after After OH by Bob O'Connell OPS checked good
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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 →					
3-14-14					TAXI 1108 Changed oil + filter. Added Shell 15w50. Run up good GABE SOEHREN AP3361780

New Ulm Flight Service

7/1/14 HM & TT: 1137

Comp test: 70 72 70 78 76 78. Checked and cleaned plugs. Checked mag timing. Inspected exhaust, engine mounts and hoses. Drained oil. Removed filter, cut filter found no metal. Added Shell 15w50 oil. Ops & leak checked good.

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

Dan Soehren
 Dan Soehren 476668220AI

1-23-15					Hobby 1188 Changed oil + filter. Added Shell 15w50 Run up good. GABE SOEHREN AP 33 61780
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New Ulm Flight Service

8/1/15 HM & TT: 1235

Comp test: 68 60 72 78 60 74. Changed oil and filter. Added Shell 15w50 oil. Cleaned plugs. Checked mags. Inspected exhaust, engine mounts and hoses. Run up good.

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

Gabe Soehren
 Gabe Soehren 3361780A&P

New Ulm Flight Service

11/11/15 HM: 1255

Cleaned fuel injector Replaced #4 injector. Ops checked good.

Gabe Soehren
 Gabe Soehren 3361780AP

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 →

11-24-15		HM	260		Replaced all spark plugs. Ops check good. GABE SOEHREN AP 3361780
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New Ulm Flight Service

3/25/16 HM: 1285

Changed oil and filter. Added Shell 15w50 oil.

[Signature]
Dan Soehren 476668220AI

New Ulm Flight Service

8/12/16 HM & TT: 1324

Comp test: 70 70 72 72 74 70. Changed oil and filter. Added Shell 15w50 oil. Cleaned plugs. Checked mags. Inspected exhaust, engine mounts and hoses. Run up good.

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

[Signature]
Gabe Soehren 3361780A&P

Jan 20-17			1370 H		changed oil filter Added Shell 15w50 ops checked good <i>[Signature]</i> 476668220AI
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New Ulm Flight Service

9/6/17 HM & TT: 1402

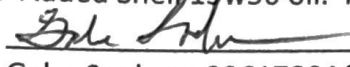
Comp test: 74 74 70 76 76 74. Changed oil and filter. Cut filter -found no metal. Added Shell 15w50 oil. Cleaned plugs. Checked mags. Inspected exhaust, engine mounts and hoses. Replaced #4 intake gasket. Run up good.

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

[Signature]
Gabe Soehren 3361780A&P

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 →

New Ulm Flight Service
 5/9/18
 Changed oil and filter. Added Shell 15w50 oil. Run up good.

 Gabe Soehren 3361780A&P

HM 1554 → ? 88

ENGINE MODEL IO-550N(27)
 ENGINE S/N 937636
 REG NO N483CD
 WORK ORDER 8817-08-2018



Repair Station No. 5TCR105B
 8891 Airport Road A2
 Blaine, MN 55449
 Phone 763-784-9165

DATE: 9/4/2018
 A/C TSN: 1465 4
 ENG TT: 1465 4
 HOBBS: 1465.4

Engine Entries

C/W an Annual Engine Inspection IAW Cirrus SR 22 MM and IG AD's researched to date. Cleaned engine. Drained oil and sample taken. Serviced w/ 7 qts of AeroShell 15w-50 and a new Tempest AA48108-2 filter installed. Quick drain verified closed and filter torqued and safetied. Cleaned, inspected, gapped and tested spark plugs. Borescoped/leakdown tested cylinders IAW TCM service bulletin SB03-3. Compression: #1 - 72/80, #2 - 62/80, #3 - 68/80, #4 - 72/80, #5 - 77/80, #6 - 71/80. TCM min for day 46/80. External magneto timing checked and adjusted to 22 deg BTDC +/- 1 degree. Tested all ignition leads. Operation found satisfactory. Checked control travels and lubed rod ends. Visually inspected and pressurized muffler assembly. No defects noted. Ground run, ops and leak check satisfactory. I certify that this Powerplant has been inspected IAW an Annual Inspection and was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed.—Removed prop and replaced leaking crank seal with new P/N 641250. Re-installed prop and torqued nuts IAW AMM. Leak check satisfactory.—Removed leaking valve cover gaskets from #4 cylinder and installed new P/N 655705 IAW TCM MM. Leak check satisfactory.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 9/4/2018 SIGNED:  Work Order: 8817-08-2018
 Josh Shea Certified Repair Station No. 5TCR105B Printed by EBis 3 (datcomedia.com)

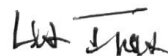
4-19-19	1505	1	Changed oil + filter w/ Shell 15W50. Inspected filter. No metal. JEFF BARBER cert # 3914054. Run-up good. Jeff Barber
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OZARK AIRWORKS, INC.
 185 Taxiway Place
 Midway, Ar. 72651
 870-481-5456

Date: 5/29/2019
 Aircraft: Cirrus SR 22
 Engine: Continental IO-550
 A/C: S/R: 1401
 Hobbs: 1545

COMPLAINT: Oil change due.
 Removed cowlings, drained oil, cut filter, no contaminants found. Serviced with 8 quarts of Phillips 20W/50 engine oil and a CH48108 oil filter. Run engine with no leaks or discrepancies noted.

This aircraft/engine/component, complies with current FAA regulations in accordance with 14 CFR 91.409 and Part 43, appendix (d) and has been released for return to service. Details regarding work accomplished are on file at this agency under work order No. OZA- 3414.


 Les Ives, A/P 489486318 I/A

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modification, and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
8/29/2019					HOBBS: 1580 REMOVED DEFECTIVE #2 ALTERNATOR AND INSTALLED SERVICEABLE ALTERNATOR BC410-1 S/N: 0411912. OPS CHECKED. <i>Jim [unclear]</i> AP3004318

OZARK AIRWORKS, INC.
 185 Taxiway Place
 Midway, Ar. 72651
 870-481-5456

Date: 8/14/2019
 Aircraft: Cirrus SR 22
 Serial No. 1401
 Tach: 1577.1

COMPLAINT: Oil change due
 Drained oil, removed filter, cut filter and no contaminants were found. Serviced with 8 quarts of 15W50 Aeroshell and a AA48108-11 oil filter.
 Removed the No. 1 EGT probe, cleaned tested and re-installed. Run engine with no discrepancies or leaks noted.
 This airframe / engine / component, complies with current FAA regulations in accordance with 14 CFR 91.409 and Part 43, appendix (d) and has been released for return to service. Details regarding work accomplished are on file at this agency under work order No. OZA- 3435.

Les Ives
 Les Ives, A/P 489486318 I/A

9-13-19	1598.5			Changed oil + filter w/ Shell 15W50. JEFF BARBER cert # 3914054 Run up good <i>Jeff Barber</i>
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9/17/2019 N483CD Cirrus SR-22 Continental IO-550-N S/N 917636
 Hobbs 1605.5
 Replaced damaged #3 fuel injector P/N 657068-3239 & intake gasket 649950.
 Engine ran & checked operation - OK. END,
Albert Thomas Madison
 Albert Thomas Madison
 A&P88526718IA

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 →					

OZARK AIRWORKS, INC.
185 Taxiway place
Midway, AR. 72651
(870) 481-5456

DATE: 10/14/2019
Aircraft: Cirrus SR-22
ENGINE: Continental IO-550-N
SERIAL: 917636
Tach: 1612.1, SMOH: 1612.1

Annual inspection completed this date. This inspection procedure meets the requirements of FAR 43.13 (d) and Continental IO-550-N maintenance, inspection and service instructions.

The oil was drained and the filter was cut and no contaminants were found. The engine was serviced with 8 quarts of Aeroshell shell engine oil and a CH 48108-1 oil filter. The engine was run with no leaks or discrepancies noted.

Compression tests 1 - 62/80, 2 - 67/80, 3 - 60/80, 4 - 62/80, 5 - 75/80, 6 - 70/80.

Both magnetos were removed and sent for 500 hour inspection and overhaul. Installed and timed to engine after return.

Removed and replaced all spark plugs and replaced with new P/N REM 38 E.

Removed and replaced left muffler, P/N A14836-001-1 and right heat exchanger/muffler P/N A14837-001-1.

Repaired all EGT and CHT wiring and cables, repositioned all wire looms.

All AD notes, MSB's, and SB's pertinent to this engine have been complied with and are listed in the AD Compliance Report. The above work completed and inspected are on file at this agency under work order No. OZA-3442.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CODITION AND HAS BEEN RELEASED FOR SERVICE.

Les Ives
Les Ives, A/P 489486318 I/A

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.

Bro

PCS ENGINES

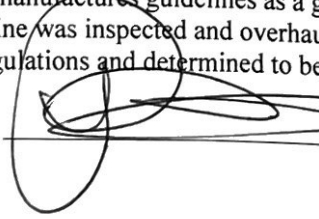
14833 SIDNEY-PLATTSVILLE RD
SIDNEY OH 45365
(937)-833-0843

Date 5-20-2020 model IO-550-N27
S/N 917636
ETT 1627.3TSOH 0.0

This engine was overhauled to new parts limits using Continental overhaul manual as a guide, all ferrous part inspected using ASTM E-1444 -94a as a guide, all non-ferrous materials were inspected using ASTM E 1417-95a as a guide, all connecting rods were rebushed, all rocker arms were rebushed, all counterweights rebushed, and crankshaft blades rebushed. Engine rotating assy balanced. All cylinders were overhauled with new valves, springs, guides, seats and nickel barrels. Camshaft and lifters were installed new. Ignition system were installed new. Fuel system overhauled, starter adapter overhauled. Oil cooler overhauled. See AD list for compliance. Following service bulletins were complied with SIL98-9E, SB96-10B, MSB96-10B, SIL99-2C, SB07-1, SB06-1A, SB00-3A, SB02-3, and M85-10 Tested engine using manufactures guidelines as a guide.

I certify that this engine was inspected and overhauled In accordance with current FAA regulations and determined to be airworthy for return to service

IA A&P 400062798


Phillip Scadden

ENGINE LOG

06/18/2020



N18SA		S/N:	1401
Make:	CIRRUS	Model:	SR22
Hobbs:	1630.6	Tach:	
		TTSMOH:	0.0

Engine Service and Maintenance Record
Inspections, Airworthiness Directives, Special Inspections,
Advisories and Service Bulletins

1. CW ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D - Using TCM/Cirrus AMM as a guide.
2. Reinstalled TCM IO-550N(27) S/N 917636 after O/H from PCS ENGINES, TTSN 1630.6 TTSMOH 0. serviced with 8QT 20/50 M oil.
3. R&R New Barry Engine mounts P/N 96301
4. R&R O/H ALT 2 P/N BC410-10H S/N 0253402 .
5. R&R O/H Starter P/N 646275-1R S/N HT110304.
6. R&R O/H boost pump P/N 5217-00-3 S/N 3063.
7. R&R O/H Prop GOV P/N C290D3-R/T23 S/N 041848.
8. R&R new AWI Muffler & heat exchanger P/N 14836-001& A14837-001.
9. R&R BA-24 air-filter.
10. R&R engine fuel hose kit from Aero hose shop.
11. CW SID 97-3C

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

A/P3343189/A Kevin Pierron

WWW.STEELAVIATION.COM



3430 Old Columbus Road Carroll, Ohio 43112
Phone Number: 1-740-777-2191
Date: 11-19-2021

Engine

ENGINE TACH: 1693 TTE: 1693 TSMOH: 65.7 N Number: N18SA

Annual Inspection

Completed the following:

1. Aircraft inspected following scope and detail of FAR 43 Appendix D and manufactures service manual.
2. Drained oil and removed oil screen and filter. Cut filter open and checked for debris. NDN
3. Installed new AA48108-2 oil filter and service engine with 8 quarts of Phillips 20W50 XC oil.
4. Completed compression checks. Results are as follows: 1:77/80 2:62/80 3:70/80 4:72/80 5:71/80 6:70/80
5. Removed, cleaned, tested and reset spark plugs gaps.
6. Meggered spark plug wires to check for shorts.
7. Verified correct timing of magnetos.
8. Pressurized exhaust system to check for leaks. None noted.
9. Verified condition of engine mounts.
10. Pressurized fuel system and checked for leaks. None noted.
11. Review Bi-Weekly T-Data 2021-23 and complied with where required.
12. Operational checks completed after inspection

I certify that this aircraft Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Aircraft returned to service.

James A. Shadd
James A. Shadd A&P 4120371 IA

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 →

3430 Old Columbus Road Carroll, Ohio 43112
 Phone Number: 1-740-777-2191
 Date: 12-8-2022

TTE: 1743.4

TSMOH: 116.1

N Number: N18SA

Engine ENGINE TACH: 1743.4

Annual Inspection

Completed the following:

1. Aircraft inspected following scope and detail of FAR 43 Appendix D and manufactures service manual.
2. #3 EGT probe clamp failed. Replaced band clamp with new one.
3. Drained oil and removed oil screen and filter. Cut filter open and checked for debris. NDN
4. Installed new AA48108-2 oil filter and service engine with 8 quarts of Phillips 20W/50 XC oil.
5. Completed compression checks. Results are as follows: 1:72/80 2:62/80 3:66/80 4:72/80 5:62/80 6:70/80
6. Removed, cleaned, tested and reset spark plugs gaps.
7. Meggered spark plug wires to check for shorts.
8. Verified correct timing of magnetos.
9. Pressurized exhaust system to check for leaks. None noted.
10. Verified condition of engine mounts.
11. Pressurized fuel system and checked for leaks. None noted.
12. Review Bi-Weekly T-Data 2022-25 and complied with where required.
13. Operational checks completed after inspection

I certify that this aircraft Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.
 Aircraft returned to service.

James A. Shadd A&P 4120371 IA