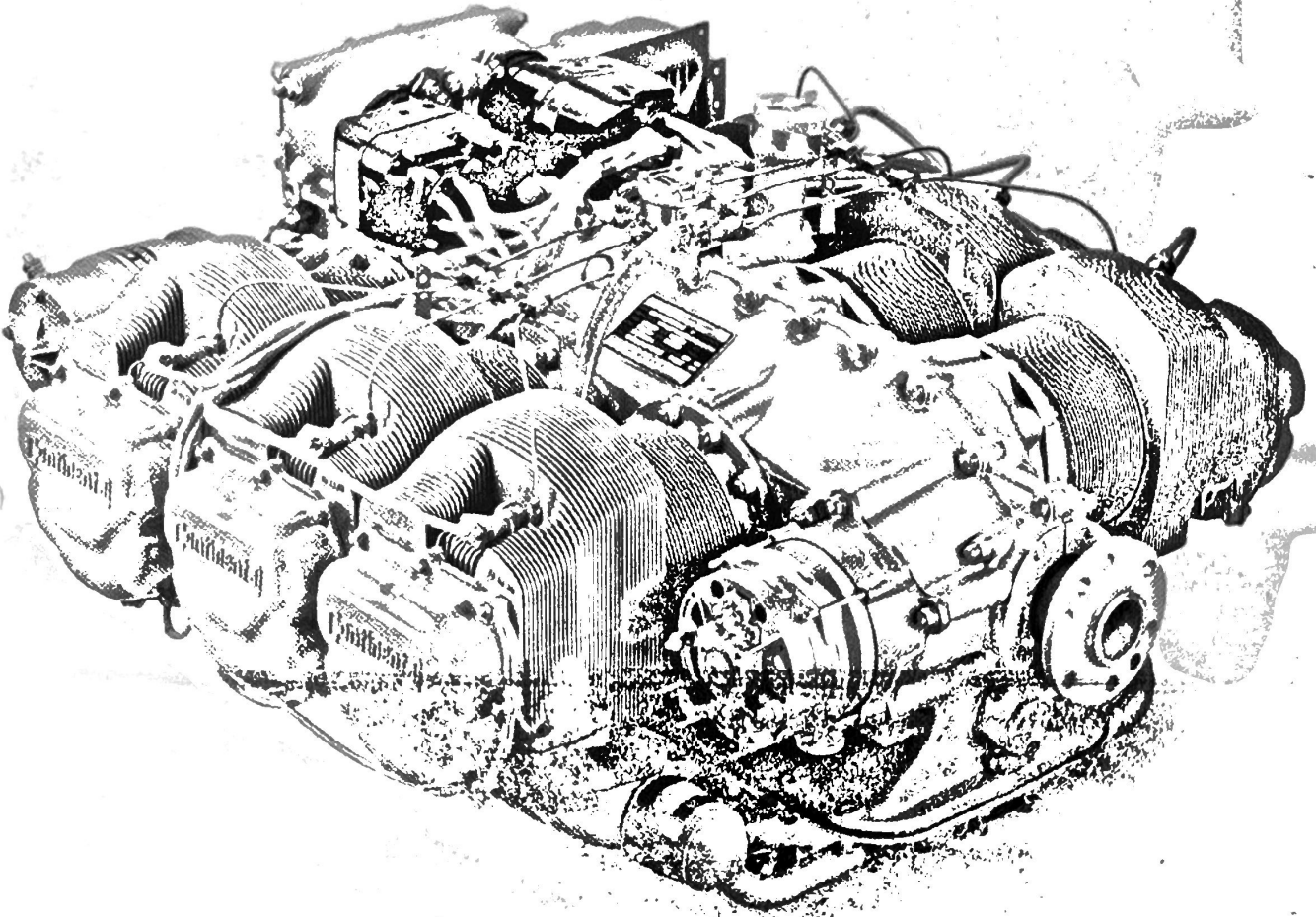


BOOK #1

# ENGINE LOG BOOK



**Teledyne Continental Motors, Inc.**



# **Teledyne Continental Motors, Inc.**

**[www.GenuineContinental.aero](http://www.GenuineContinental.aero)**

**Production Certificate 508**

**Printed: 10/26/2010**

**Test Date: 10/21/2010**

**This engine model I0360ES22B, serial number 1003357 was manufactured by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine includes all changes required by applicable Airworthiness Directives and Continental Motors Service Bulletins.**



### Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@windstream.net

#### Engine Entry N378TT:

TCM IO360ES22B S/N 1003357 Date: 2/17/11 Flight Hobbs:22 Hobbs: 27

Performed the following maintenance/repairs. Completed Cirrus 25 hour maintenance schedule. Starting battery and platform inspected. Engine oil drain and change serviced with 8 qt's Aeroshell 15W50. Oil Sump Plug/ Drain Visual Inspection for condition, crush gasket replaced. Oil Filter Perform Inspection/Check - oil filter particles, none noted. Installed AA48108-2 Filter. Inspect oil lines and fittings for condition - security and leaks. Inspect spark plug cable leads for chaffing, corrosion, and deposits. Visual inspection of air intake ducts and filter for general condition. Check operation of alternate air flapper valve. Drain and clean gascolator, replaced seals. Perform inspection check - exhaust sys. Visually inspect breather tube for obstructions and security. Replenish brake fluid reservoir. Visually inspect engine compartment for loose nuts, bolts, screws, and parts. Inspect cylinder drains for clogging or restriction. Visually inspect magnetos and perform mag drop check, adjust as needed. Air Intake Ducts Visual Inspection for general condition. Air filter inspect. Fuel and oil hoses inspect. Perform an airplane run-up and Operational/Functional Check. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted.

*BL* A&P3498105



HOBBS 0048.6  
TOTAL 0048.6  
TSOH -----  
DATE 3/15/2011

AIRCRAFT MAINTENANCE & REPAIR  
FALCON FIELD - MESA, AZ

REG # N378TT  
A/C # 20-2074  
ENG # 1003357

RUN ENGINE TO TEMP. DRAIN OIL AND REPLACE OIL FILTER. CUT OLD OIL FILTER AND INSPECT FOR METAL; NONE NOTED. REFILL ENGINE WITH 7 QUARTS AEROSHELL 15 W 50 ENGINE OIL. OPS TEST AND LEAK CHECK. INSPECTION IN ACCORDANCE WITH 50 HOUR DEMO INSPECTION PROGRAM. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

*[Signature]* A/P 3366846

ENGINE MODEL  
IO-360-E3 (22P)  
ENGINE S/N 1003357  
REG NO: 278TT  
WORK ORDER  
14179-04-2011



#### Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone 218-768-3438

DATE 4/15/2011  
A/C TSN 77 3  
ENG TT 77 3  
HOBBS 91 1

#### Engine Entries

(3.5 Hrs) Changed engine oil and filter, Champion CH48108-1, P/N 50857-001. Serviced engine with 8 quarts of Aeroshell 15W-50. Performed particulate inspection on old filter, checked satisfactory. Performed operational and leak checks. Op's and leak checks good. All work accomplished IAW Cirrus SR22 A M M 12-10.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified as 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: 4/15/2011

SIGNED: *[Signature]*  
Joseph Sullivan  
Certified Repair Station No. YD5R855Y

Work Order: 14179-04-2011

Printed by EBIS 3 (datcomedia.com)



**Avtech**

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@windstream.net

Broug

**Engine Entry N378TT:**

**TCM IO360ES22B S/N 1003357 Date: 5/23/11 Flight Hobbs: 101 Hobbs: 117**

Performed the following maintenance repairs. Completed Cirrus 100 hour maintenance schedule. Starting battery and platform inspected. Perform 100 hour engine service/inspection in accordance with Teledyne Continentals Motors Form X30617 paragraph 8-5. Engine oil drain and change serviced with 8 qt's Aeroshell 15W50. Oil Sump Plug/ Drain Visual Inspection for condition. crush gasket replaced. Oil Filter Perform Inspection/Check - oil filter particles, none noted. Installed AA48108-2 Filter. Engine Compression Functional Inspection Over 80 psi (MO-39) 1 - 69, 3-71, 5 - 69 2 - 72, 4 - 70, 6 - 72. Fuel Injection System Functional Inspection. Injectors ultrasonic cleaned. Spark Plugs Inspect, clean, re-gap and rotate. Spark Plug Cable Leads Visual Inspection for chafing, corrosion, and deposits. Magneto to engine timing check. Air Intake Ducts Visual Inspection for general condition. Air filter inspect. Fuel and oil hoses inspect. Alternate Air Door Check operation of alternate air flapper valve. Gascolator and Bowl cleaned seals replaced. Exhaust System Perform Inspection/Check - Exhaust System Breather Tube Visual Inspection for obstructions and security. Perform an airplane run-up and Operational/Functional Check. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted.

*B.C.*

A&P3498105

Pg 1 / 1

**DLK**

2601 Cessna Lane Kennesaw, GA 30144 770-427-4954  
LOG ID# 13348 05-May-2011 WO# 11155  
N378TT S/N 2074 CIRRUS sr20  
HOBBS 91.2  
TTENG 91.2

AVIATION, INC.

\*\*\* ENGINE LOG ENTRY \*\*\*

OIL DIPSTICK TUBE PULLED OUT. REMOVED COWLING, REMOVED BAFFLE TO GAIN ACCESS TO DIPSTICK TUBE - FOUND WHERE DIPSTICK TUBE GOES INTO CLAMP - CLAMP WAS NOT TIGHT, ALSO SUPPORT ADEL CLAMP RUBBER WAS PULLED AND TORN. REPLACED CLAMP P/N 705-1171 - SECURED - REPLACED ADEL CLAMP P/N MS21919WDG8. ADJUSTED DIPSTICK SPRING LOCK - WAS VERY TIGHT & WOULD NOT RELEASE EASILY. REINSTALLED BAFFLE. REINSTALLED COWLING.

MAINTENANCE RELEASE.  
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#11155 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

*Donal L Kendall*  
Signed DK7R795J FOR DLK AVIATION, INC.

ENGINE MODEL  
IO-360-ES (22B)  
ENGINE S/N 1003357  
REG. NO 378TT  
WORK ORDER  
14272-06-2011



**Cirrus Design Factory Service Center**  
Repair Station No YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone 218-788-3438

DATE 6/20/2011  
A/C TSN 114.9  
ENG TT 114.9  
HOBBS 134.5

**Engine Entries**

(15) Replaced the Throttle Body P/N on 652844-1A6, S/N on A11DA194, p/n off P/N 652844-1A6, S/N off A101A109 IAW TCM IO 360 overhaul manual X30594A. Operational check good (36) Performed SID 97-3E, operational 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: 6/20/2011

SIGNED: *Dave Ruuskanen*  
Dave Ruuskanen  
Certified Repair Station No YD5R855Y

Work Order: 14272-06-2011  
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL  
IO-360-ES (22B)  
ENGINE S/N 1003357  
REG. NO 378TT  
WORK ORDER  
14292-06-2011



**Cirrus Design Factory Service Center**  
Repair Station No YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone 218-788-3438

DATE 6/23/2011  
A/C TSN 116  
ENG TT 116  
HOBBS 141.7

(19) Replaced the fuel driven fuel pump P/N 649368-74A4 S/N 111FA161, IAW TCM IO-360 overhaul manual X30594A and SR-20 AMM 76-10 (3) Adjusted the linkage rod ends. Turn IAW AMM chapter 76-10. Operational check good (4) Performed fuel pressure setups IAW TCM SID 97-3E, operational and leak 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: 6/23/2011

SIGNED: *Joseph Sullivan*  
Joseph Sullivan  
Certified Repair Station No YD5R855Y

Work Order: 14292-06-2011  
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL  
IO-360-E3 (22B)  
ENGINE S/N 1003357  
REG NO 378TT  
WORK ORDER  
14299-06-2011



## Cirrus Design Factory Service Center

Repair Station No YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone 218- 788-3438

DATE 6/24/2011  
AVC TSN 117 7  
ENG TT 117 7  
HOBBS 143 9

### Engine Entries

(2) Adjusted the propeller governor stop screw to achieve specified take off RPM limits IAW CDC SR-20 AMM 6'-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: 6/24/2011

SIGNED:

Joseph Sullivan  
Certified Repair Station No YD5R855Y

Work Order: 14299-06-2011

Printed by EBis 3 (datcomedia.com)



4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



**N378TT ENG. S/N: 1003357 Date: 7/7/2011 Engine Hobbs: 156.0 Flight: 128.1 TSN: 128.1**

I certify that I have inspected this engine. I/A/W an **Annual/100hour** inspection per Cirrus SR20 AMM rev. B2 Chapter 5-20 Dated 31 May 2011 and determined it to be airworthy for return to service. The following work was accomplished at this time:

1. Compressions: 1)74/80 2)76/80 3)74/80 4)74/80 5)78/80 6)72/80 master orifice 42psi.
2. Changed engine oil. Oil sample taken for analysis. Serviced oil with 8 qts of 15w-50wt Aeroshell.
3. Installed new oil filter p/n AA48108-2.
4. Inspected fuel inlet filter.
5. Magneto timing set.
6. Performed TCM SID97-3E functional inspection of fuel injection system.
7. Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA



**THE OHIO STATE UNIVERSITY AIRPORT**

**2160 West Case Road Hgr. 3**

**Columbus, Ohio 43235-2526**

**CRS# IKBR028F**

**Date: 7/22/2011**

**Work Order #: AM04544**

**N#: N378TT**

**Acft Make/Model: Cirrus SR20**

**Serial #: 2074**

**Flight Meter: 148.4**

**Aircraft T.T.: 148.4**

**Airframe Log;**

1. Adjusted prop rpm down two turns as per Cirrus SR20 AMM and safetied screw. Function checked normal.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

-----  
END  
-----

Signature: \_\_\_\_\_

for CRS# IKBR028F

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

# Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modification



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 8/11/2011 Work Order #: AM04568 N#: N378TT  
Aircraft Make/Model: Cirrus SR20 Serial #: 2074  
Flight Meter: 175.4 Aircraft total time: 175.4

**Engine Log:**

1. Changed oil and filter. Serviced with 8qts. Aeroshell 15W50 and installed new Champion CH48108-1 filter with form 8130 on file.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* for CRS# IKBR028F

THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date 09-29-2011 Work Order#: AMO4635 N#: 378TT  
Aircraft Make/Model: Cirrus SR-20 Serial#: 2074  
Engine Make/Model: TCM IO-360-ES Serial#: 100335  
Hour Meter: 224.1 Engine TT: 224.1

**Engine Log:**

1. Changed oil & filter, no metal found in old filter. Installed CH48108-1 filter (8130-3) & 8 qts. 15W50 Aeroshell.
2. Comp. #1 76/80 #2 76/80 #3 78/80 #4 72/80 #5 76/80 #6 78/80.
3. Installed new Brackett induction air filter p/n BA-24 (FAA/PMA).
4. Tightened exhaust ball joint springs to correct pre-load per SR-20 maint manual.
5. Engine leak & functional check normal on run-up

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2011-17

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 11-22-2011 Work Order #: AM04725 N#: 378TT  
Aircraft Make/Model: Cirrus SR20 Serial #: 2074  
Hour Meter: 340.4 Aircraft total time: 266.4  
Flight meter: 266.4

**Engine Log:**

1. Changed oil and filter. Serviced engine with 8 qts Aeroshell 15W50 and installed new Champion CH48108-1 oil filter.
2. Replaced o-ring on starter housing with new P/N MS9021-038, 8130-3 on file. Installation was done per TCM IO360 overhaul manual X30594A.
3. Engine leak and function check normal on run up.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* for CRS# IKBR028F


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



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F



Date: 12-15-2011 Work Order #: AM0474 N#: 378TT  
Aircraft Make/Model: Cirrus SR20 Serial #: 2074  
Hour Meter: 345.2  
Flight meter: 279.7 Aircraft total time: 279.7

**Engine Log:**

- Removed right magneto, P/N 10-500556-3, S/N D101A091  
Installed overhauled magneto P/N 10-50556-3, S/N 86090139,  
overhauled by Quality Aircraft Accessories Inc.  
CRS#QYIR334Y on WO# 20000882, 8130-3 on file
- Engine leak and function check normal on run up  
The aircraft and/or component identified above was repaired and inspected  
in accordance with current Federal Aviation Regulations and was found  
airworthy for return to service. Pertinent details of the repair are on file at  
this agency

END

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F



Date 03-09-2012 Work Order#: AMO4851 N#: 378TT  
Aircraft Make/Model: Cirrus SR-20 Serial#: 2074  
Engine Make/Model: TCM IO-360-ES Serial#: 100335  
Hour Meter: 320.7 Engine TT: 320.7

**Engine Log:**

- Complied with an engine 100hr Inspection I A.W Cirrus SR20  
Inspection Guide. Serviced engine with 8qts. Aeroshell 15W50 oil.
- Compressions 1)70 2)78 3)74 4)76 5)72 6)78.

I certify that this Engine has been inspected in accordance with a 100hr  
inspection and was determined to be in airworthy condition. All applicable  
A.D.'s checked thru 2012-04.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in  
accordance with current Federal Aviation Regulations and was found  
airworthy for return to service. Pertinent details of the repair are on file at this  
agency

END

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F



Date 06-06-2012 Work Order#: AMO5003 N#: 378TT  
Aircraft Make/Model: Cirrus SR-20 Serial#: 2074  
Engine Make/Model: TCM IO-360-ES Serial#: 100335  
Hour Meter: 415.1 Garmin:489.0 Engine TT: 415.1

**Engine Log:**

- Complied with an engine 100hr Inspection i a.w. Cirrus SR 20  
Inspection Guide Serviced with 8qts Aeroshell 15W50 oil Engine  
leak checked normal
- Compression #1 72/80 #2 74/80 #3 72/80 #4 76/80 #5 74/80 #6 74/80
- Installed new RHM38E (FAA/PMA) Champion sparkplug in place of  
plug with cracked ceramic center electrode

I certify that this Engine has been inspected in accordance with a 100hr  
inspection and was determined to be in airworthy condition. All applicable  
A D 's checked thru 2012-10.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in  
accordance with current Federal Aviation Regulations and was found  
airworthy for return to service. Pertinent details of the repair are on file at this  
agency.

END

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F



Date: 6/29/2012 Work Order #: AM05043 N#: N378TT  
Acft Make/Model: Cirrus SR20 Serial #: 2074  
Flight Meter: 462.7 Aircraft total time: 462.7

**Engine Log:**

- Changed oil and filter. Serviced with 8qts. Aeroshell 15W50  
oil. Engine Leak checked normal.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected  
in accordance with current Federal Aviation Regulations and was found  
airworthy for return to service. Pertinent details of the repair are on file at  
this agency.

END

Signature: *[Signature]* for CRS# IKBR028F

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



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F



Date: 8/15/12 Work Order#: AM05111 N#: N378TT  
Aircraft Make/Model: Cirrus Design SR20 Serial#: 2074  
Engine Make/Model: TCM IO-360-ES22SB Serial#: 1003357  
Flight Meter: 514.7 Engine TSMOH: new Eng TT: 514.7

**Engine Log:**

- 1 Complied with an engine 100hr Inspection I A W Cirrus Design SR 20 Inspection Guide. Serviced with 8qts Aeroshell 15W50 oil Engine leak checked normal
- 2 Compressions 1)68 2)75 3)72 4)72 5)72 6)76 41 on the SB
- 3 Installed eleven new Champion RHM38E (8130-3) spark plugs.

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition All applicable A.D.'s checked thru 2012-15

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F



Date: 10/04/2012 Work Order #: AM05191 N#: 378TT  
Aircraft Make/Model: Cirrus SR-20 Serial #: 2074  
Flight Meter: 0565.0

**Engine Log:**

- 1 Service engine with 8 quarts of Aeroshell 15W-50 (FAA-PMA) and installed a new Tempest oil filter p/n AA48108-2 (8130-3).
- 2 Checked timing and connections on both magnetos.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F



Date 11-21-2012 Work Order#: AM05277 N#: 378TT  
Aircraft Make/Model: Cirrus SR-20 Serial#: 2074  
Engine Make/Model: TCM IO-360-ES Serial#: 100335  
Hour Meter: 609.4 Engine TT: 609.4

**Engine Log:**

- 1 Complied with an engine 100hr Inspection I A W Cirrus SR20 100hr Inspection Guide. Serviced with 8qts Aeroshell 15W50 oil
- 2 Compressions 1) 72, 2) 72, 3) 70, 4) 72, 5) 72, 6) 74
- 3 Set idle mixture IAW Cirrus AAM
- 4 Set engine static RPM IAW Cirrus AMM.

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition All applicable A.D.'s checked thru 2012-22.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F



Date: 01/25/13 Work Order #: AM05351 N#: N378TT  
Aircraft Make/Model: Cirrus SR20 Serial #: 2074  
Flight Meter: 0640.7 Aircraft total time: 0640.7

**Engine Log:**



- 1 Swapped fuel injectors 1 and 2 for troubleshooting purposes
- 2 Replaced both Magnetos with new P/N 10-50056-3 Lt. S/N D12JA133, and Rt. S/N D12JA135 both (8130-3).
- 3 Replaced all spark plugs with new URJIM38S's (FAA-PMA).

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* for CRS# IKBR028F

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modification
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

**THE OHIO STATE UNIVERSITY AIRPORT**  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F



Date: 02/20/2013 Work Order #: AM05382 N#: 378TT  
Aircraft Make/Model: Cirrus SR20 Serial #: 2074  
Tech Time: ~~735.4~~ 660.0 *Flight Meter*

**Engine Log:**

1. Drained oil sump. Replaced oil filter p/n AA48108-2 (8130-3) installed new crush gasket p/n ns35769-11. Serviced engine with 8 qts Aeroshell 15W50
2. Adjusted Static RPM per Cirrus SR20 Maintenance Manual.  
"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* END for CRS# IKBR028F

**THE OHIO STATE UNIVERSITY AIRPORT**  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 4/16/13 Work Order#: AM05449 N#: N378TT  
Aircraft Make/Model: Cirrus Design SR20 Serial#: 2074  
Engine Make/Model: TCM IO-360-ES22SB Serial#: 1003357  
Flight Meter: 706.6 Engine TSMOH: new Eng TT: 706.6



**Engine Log:**

1. Complied with an engine 100hr Inspection using Cirrus Design SR20. chap. 5-20 Inspection Guide, Revision B5 and other current data.
2. Compressions: 1)76 2)77 3)75 4)77 5)76 6)78
3. Complied with SAIB NE-13-1 & TCM CSB08-3B as to throttle & mixture levers & found stainless steel levers are installed. No further action required.

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2013-06.  
"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* END for CRS# IKBR028F

**THE OHIO STATE UNIVERSITY AIRPORT**  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F



Date: 05/22/2013 Work Order #: AM05525 N#: 378TT  
Aircraft Make/Model: Cirrus SR20 Serial #: 2074  
Tech Time: 756.6 *Flight Meter*

**Engine Log:**

1. Changed oil and filter. Serviced with 8qts. Aeroshell 15W50 oil. Engine leak checked normal.  
"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* END for CRS# IKBR028F

**THE OHIO STATE UNIVERSITY AIRPORT**  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 7/10/2013 Work Order#: AM05587 N#: 378TT  
Aircraft Make/Model: Cirrus / SR20 Serial#: 2074  
Engine Make/Model: TCM / IO-360-ES22SB Serial#: 1003357  
Hour Meter: ~~882.2~~ 808.2 *0* Engine TT: ~~882.2~~ 808.2

**Engine Log:**

1. Complied with an engine 100hr Inspection using Cirrus SR20 AMM Chapter 5 Inspection Guide Revision B4 dated 2/1/2013 and other current data.
2. Compressions: 1)76/80, 2)74/80, 3)75/80, 4)75/80, 5)75/80, 6)76/80.
3. Serviced Engine with 8qt AeroShell 15W50 and Replaced Oil filter with new P/N AA48108-2 (8130-3).
4. Run up and leak normal.

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2013-12  
"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* END for CRS# IKBR028F

Zephyr Aircraft Engines Inc. #V14897M  
 11/17/2020 at TNA by manufacturer or magneto company  
 500556-3 S/N: D15GA230  
 OH

# 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.



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 08/20/2013 Work Order #: AM05625 N#: 378TT  
Aircraft Make/Model: Cirrus SR20 Serial #: 2074  
Hour Meter: 862.1

**Engine Log:**

1. Drained oil sump. Serviced engine with 8qts AeroShell 15W50 and installed new oil filter P/N AA48108-2 (8130-3). Run up and leak check normal.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 09/25/13 Work Order#: AMO5706 N#: N378TT  
Aircraft Make/Model: Cirrus/ SR20 Serial#: 2074  
Engine Make/Model: Cont./ IO360ES22B Serial#: 1003357  
Flight Meter: 906.7 Engine TT: 906.7

**Engine Log:**

1. Complied with an Engine 100hr Inspection using Cirrus SR22 AMM Chapter 5 Inspection Guide Revision B5 dated 2/1/2013 and other current data.
2. Drained oil and took Black Stone oil sample.
3. Installed new oil filter P/N AA-18108-2 (8130-3) and serviced engine with 8qts AeroShell 15W50 oil.
4. Cleaned, gapped, and rotated spark plugs. Installed new spark plug gaskets P/N M674 (8130-2).
5. Compressions: 1)68/80, 2)68/80, 3)72/80, 4)69/80, 5)72/80, 6)70/80

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2013-18

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 11/15/2013 Work Order #: AM05787 N#: 378TT  
Aircraft Make/Model: Cirrus SR20 Serial #: 2074  
Tach Time: 1029.1  
Hr Meter: 1171.7  
Flight Meter: 955.0

**Engine Log:**

1. Changed oil and filter. Serviced with 8qts aeroshell 80W oil and one bottle Camguard oil additive. Engine leak checked normal.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 03/17/2014 Work Order#: AMO5926 N#: N378TT  
Aircraft Make/Model: CIRRUS/SR20 Serial#: 2074  
Engine Make/Model: Cont./IO360ES22B Serial#: 1003357  
Tach Time: 1079.5 Engine TT: 1079.5

**Engine Log:**

1. Complied with an Engine 100hr Inspection using Cirrus SR20 AMM Chapter 5 Inspection Guide Revision B5 dated 2/1/2013 and other current data.
2. Compressions: 1)80/66, 2)80/73, 3)80/68, 4)80/62, 5)80/64, 6)80/72, MO 80/44
3. Installed oil filter P/N AA48108-2 (8130-3), serviced engine with 7qts Aero Shell 80W oil and 1qt Camguard (FAA-PMA).

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2014-05

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* for CRS# IKBR028F

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

**AVIATION RESOURCES**

HANGAR 715/822-5787  
 CELL 715/491-1303  
 OFFICE 715/822-8413  
 aviationvibes.com

N378TT  
 Hobbs 13N.32s  
 Flight 1062.8  
 6-1-14  
 S/N 2074



THE OHIO STATE UNIVERSITY AIRPORT  
 2160 West Case Road Hgr. 3  
 Columbus, Ohio 43235-2526  
 CRS# IKBR028F

Date: 5/27/2014 Work Order #: AM06058 N#: N378TT  
 Acft Make/Model: Cirrus SR20 Serial #: 2074  
 Flight Meter: 1054.5 Aircraft total time: 1054.5

**Engine Log:**

1 Changed oil and filter. Serviced with 7qts. Aeroshell 100W oil and one can Camguard oil additive.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: *[Signature]* for CRS# IKBR028F

Removed camby, adjusted prop gov  
 stop screw at 3.5 turns, set correct  
 Installed camby, ground run V  
 found rpm @ 2640 static 3 subscrews  
 Crumbl Aisl 27550e9

101 AIRPORT AVE. • HANGAR #7 • CUMBERLAND, WI 54829



THE OHIO STATE UNIVERSITY AIRPORT  
 2160 West Case Road Hgr. 3  
 Columbus, Ohio 43235-2526  
 CRS# IKBR028F

Date: 07/16/2014 Work Order#: AMO6133 N#: N378TT  
 Aircraft Make/Model: CIRRUS/SR20 Serial#: 2074  
 Engine Make/Model: Cont./IO360ES22B Serial#: 1003357  
 Tach Time: 1099.1 Engine TT: 1099.1

**Engine Log:**

- Complied with an Engine 100hr Inspection using Cirrus SR20 AMM Chapter 5 Inspection Guide Revision B5 dated 2/1/2013 and other current data.
- Installed new oil filter P/N AA48108-2 (8130-3) and serviced engine with 8 qts AeroShell 100W
- Compressions 1)70/80 2)71/80 3)69/80 4)72/80 5)70/80 6)76/80
- Timed magnetos to engine 24' TDC per Continental IO-360 Overhaul Manual dated Aug 2011 chapter 74.
- Installed 3 new spark plugs P/N URHM38S (8130-3).

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2014-13

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency

END

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
 2160 West Case Road Hgr. 3  
 Columbus, Ohio 43235-2526  
 CRS# IKBR028F

Date: 09/03/2014 Work Order #: AM06216 N#: 378TT  
 Aircraft Make/Model: Cirrus SR20 Serial #: 2074  
 Flight Meter: 1142.0 Hobbs: 1406.0 Engine: 1216.4

**Engine Log:**

- Drained oil sump. Replaced oil filter AA48108-2 (8130-3). Serviced engine with 7 qts Aeroshell 100W and Camguard.
- Run up and leak check normal.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency

Signature: *[Signature]* for CRS# IKBR028F

Date

Total Time

Time Since Last Overhaul

# Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications

Hrs.

Min.

Hrs.

Min.

Brought Forward



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 10/21/2014 Work Order #: AM06275 N#: 378TT  
Aircraft Make/Model: Cirrus SR20 Serial #: 2074  
Flight Meter: 1170.3 Hobbs meter: 1441.7

### Engine Log:

- 1 Replaced #3 spark plugs and top #2 spark plug with Tempest URHM38S spark plugs (FAA/PMA) Cleaned all fuel injector nozzles Run up normal

#### "Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* for CRS# IKBR028F

Date: 11-24-2014 Work Order#: AMO6331 N#: N378TT  
Aircraft Make/Model: CIRRUS/SR20 Serial#: 2074  
Engine Make/Model: Cont./IO360ES22B Serial#: 1003357  
Tach Time: 1192.8 Engine TT: 1192.8

### Engine Log:

- 1 Complied with an Engine 100hr Inspection using Cirrus SR20 AMM Chapter 5 Inspection Guide Revision B5 dated 2/1/2013 and other current data. Changed oil and filter. Serviced with 8qts. Aeroshell 15W50 oil.
  2. Compressions: 1) 62/80 2) 66/80 3) 60/80 4) 70/80 5) 62/80 6) 72/80.
  3. Installed O/H Magnetos p/n 10-100556-3 s/n D11DA022 on left & D031A211R on right by Quality Acft. Accessories CRS QY1R334Y on their WO # W01170016965 & W01170017705 Timed to data plate specs. Run-up function normal. Forms 8130-3 on file.
- I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A D 's checked thru 2014-23

#### "Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *[Signature]* for CRS# IKBR028F

ENGINE MODEL  
IO360ES22B  
ENGINE S/N 1003357  
REG. NO. N378TT  
WORK ORDER  
3199-01-2014



Advanced Lancaster LP  
530 Airport Rd  
Lritz, PA 17543  
Phone 717-735-5179

DATE 12/4/2014  
A/C TSN 1197.4  
ENG TT 1197.4  
HOBBS 1476.2

### Engine Entries

Removed and replaced the engine driven fuel pump. Complete an SID 97-3F fuel system setup.

#### Maintenance Release

The aircraft and/or component(s) on N378TT was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE 12/4/2014

SIGNED

Milan Jovanovic, IA 3164117AP

Work Order: 3199-01-2014

Printed by EBis 3 (datcomedia.com)

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



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 3-12-2015 Work Order #: AM06465 N#: N378TT  
Acft Make/Model: Cirrus SR20 Serial #: 2074  
Flight Meter: 1533.3 Tach time: 1244.5

**Engine Log:**

1. Changed oil & filter, no metal found in old filter. Serviced with AA48108-2 filter (8130-3) & 8 qts. 15w50 Areoshell multi.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 4/22/15 Work Order #: AM06528 N#: N378TT  
Acft Make/Model: Cirrus SR20 Serial #: 2074  
Flight Meter: 1272.8

**Engine Log:**

1. Cleaned engine and ground ran due to possible oil leak. Retorqued valve covers and engine backbone case half bolts IAW Cont. MM specs

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 05-14-2015 Work Order #: AM06572 N#: N378TT  
Aircraft Make/Model: CIRRUS/SR20 Serial#: 2074  
Engine Make/Model: Cont./IO360ES22B Serial#: 1003357  
Flight Time: 1293.8 Engine TT: 1293.8

**Engine Log:**

1. Complied with an Engine 100hr Inspection using Cirrus SR20 AMM Chapter 5 Inspection Guide Revision B5 dated 2/1/2013 and other current data
2. Installed new oil filter P/N AA48108-2 (8130-3) and serviced engine with 8qts AeroShell 15W50 and took oil sample. Ground ran engine leak check normal.
3. Compressions 1)70/80, 2)64/80, 3)68/80, 4)72/80, 5)70/80, 6)74/80. MO)44/80
4. Installed new Sparkplugs P/N URHM38S (8030-3) to Top Cylinder #1, Bottom Cylinder #2, and Top Cylinder #5.

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2015-09

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 07/16/2015 Work Order #: AM06674 N#: 378TT  
Aircraft Make/Model: Cirrus SR 20 Serial #: 2074  
Hour Meter: 1346.7 Aircraft total time: 1346.7

**Engine Log:**

1. Drained oil sump. Replaced oil filter P/N AA48108-2 (8130-3) and replaced crush gasket P/N MS35769-11 (8130-3) Serviced engine with 8 qts. OF Aeroshell 15W50 oil

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency

Signature: *[Signature]* for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 08/06/15 Work Order #: AM06713 N#: N378TT  
Acft Make/Model: Cirrus SR20 Serial #: 2074  
Tach : 1361.0 Flight meter: 1561.0 Hobbs: 1681.2

**Engine Log:**

1. Insp ign system. Replaced #3 & #6 top plugs due to cracked insulators with new P/N URHM38S (FAA-PMA) and cleaned remaining plugs
2. Grnd run NORMAL!

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency

Signature: *[Signature]* for CRS# IKBR028F

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

Brought Forward →



**THE OHIO STATE UNIVERSITY AIRPORT**  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 09-15-2015    Work Order#: AMO6732    N#: N378TT  
Aircraft Make/Model: CIRRUS/SR20    Serial#: 2074  
Engine Make/Model: Cont/IO360ES22B    Serial#: 1003357  
Flight Time: 1381.2    Engine TT: 1381.2

**Engine Log:**

1. Complied with an Engine 100hr Inspection using Cirrus SR20 AMM Chapter 5 Inspection Guide Revision B5 dated 2/1/2013 and other current data
2. Serviced engine with 8qt AeroShell 100W mineral oil and installed new oil filter P/N AA48108-2 (8130-3) Ground ran aircraft leak check normal
3. Compressions 1/71/80, 4/74/80, 6/66/80, #2, #3, #5 were replaced
4. Cleaned #5 cylinder top and bottom spark plugs. Ground ran engine Magneto check normal
5. Installed 3 new cylinders Assy P/N 658601A3 S/N AC15GA918, AC15GA946, AC15BG913 to cylinders #2, #3, and #5 per Continental Overhaul Manual X30594. Ran engine and complied with SID97-3E fuel flow injection systems

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2015-18.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: *[Signature]* for CRS# IKBR028F



**THE OHIO STATE UNIVERSITY AIRPORT**  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 11/06/15    Work Order #: AM06842    N#: N378TT  
Aircraft Make/Model: Cirrus SR20    Serial #: 2074  
Flight Meter: 1438.6    Flight Meter: 1438.6

**Engine Log:**

1. Installed Overhauled Oil Cooler P/N 646880 S/N B13-10753-40 (8130-3) to engine per Continental IO-360-ES OHM. Ground ran engine leak check normal
2. Installed new Spark plug to Bottom #1 cylinder P/N URHM38S (8130-3)

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: *[Signature]* for CRS# IKBR028F



**THE OHIO STATE UNIVERSITY AIRPORT**  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 11-24-2015    Work Order #: AM06867    N#: N378TT  
Aircraft Make/Model: Cirrus SR20    Serial #: 2074  
Flight Meter: 1458.2    Flight Meter: 1458.2

**Engine Log:**

1. Drained oil sump, replaced oil filter with P/N AA48108-2 (8130-3). Serviced engine with 8 qts. of Aeroshell W100.
2. Inspected engine, No oil leaks found on at this time.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: *[Signature]* for CRS# IKBR028F



**THE OHIO STATE UNIVERSITY AIRPORT**  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 10/15/15    Work Order #: AM06820    N#: N378TT  
Aircraft Make/Model: Cirrus SR20    Serial #: 2074  
Flight Meter: 1408.8    Flight Meter: 1408.8

**Engine Log:**

1. Changed oil and filter. Serviced with 8qts Aeroshell 100W oil. Washed down engine and leak checked normal.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: *[Signature]* for CRS# IKBR028F

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

**Brought Forward** ENGINE MODEL 10360ES22B  
 ENGINE S/N 1003357  
 REG NO N378TT  
 WORK ORDER 4210-11-2015

**ADVANCED** Fly Advanced  
 530 Airport Rd  
 Litz, PA 17543  
 Phone 717-735-5179

DATE 12/18/2015  
 A/C TSN 1466.2  
 ENG TT 1466.2  
 HOBBS 1817.1

**Engine Entries**

Cirrus Engine Annual Inspection completed using the Cirrus AMM check list ch 5-20. Compression check (x/80) 1: 76 2: 75 3: 77 4: 77 5: 76 6: 78 MO 42. Drained and sampled the oil, removed and inspected the oil filter. Installed a new oil filter and serviced the engine with 7 quarts of Phillips X/C 20W-50. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. Final run up/leak check good. All Ad's current thru 2015-25. AD 2012-03-06 Avstar Diaphragms N/A, not installed. AD 2011-26-07 Slick Mags, N/A, Bendix mags are installed. AD 2010-11-04 Hyd Lifters, N/A by ESN and no replacement. SA13-06 TCM SB13-4A Fuel Pump Replacement, N/A by S/N. Removed and reinstalled the #1, #4 & #6 Cylinders for repair. Repairs completed by CMS Continental Motors Services under WO CS-6661. Torqued the Intake Tube Clamps IAW CMI MM. Removed and replaced the #3 Cylinder Push Rod Tube Seals. Removed and replaced the #5 Cylinder Exhaust Rocker Cover Gasket. Removed and replaced the #2 Cylinder Exhaust Rocker Cover Gasket. Removed and replaced the Oil Cooler Shoe. Removed and replaced the L/H Magneto w/ overhauled P/N 10-500556-3 S/N: D10HA197 and timed to Engine. Removed and replaced the Starter w/ new P/N 657596 S/N 4C3-081549. Removed and replaced the Ignition Lead Contact Springs. Cleaned and polished the Spark Plug Contacts. Secured the Lock Tabs on the Rocker Shafts of Cylinders #3 Intake (both) and #5 Intake.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE 12/18/2015 SIGNED *Richard A. Bennett II* Work Order 4210-11-2015  
 Richard A. Bennett II, IA 8124894AP Printed by EBis 3 (datcomedia.com)

   
**THE OHIO STATE UNIVERSITY AIRPORT**  
 2160 West Case Road Hgr. 3  
 Columbus, Ohio 43235-2526  
 CRS# IKBR028F

Date: 12-30-2015 Work Order #: AM06913 N#: N378TT  
 Acft Make/Model: Cirrus SR20 Serial #: 2074  
 Flight Meter: 1476.2 Flight Meter: 1476.2



**Engine Log:**

1. Installed new TCM oil cooler p/n 646880-A s/n F15-12451-96 (8130-3) from Cirrus Acft.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *Ray A. ...* for CRS# IKBR028F

   
**THE OHIO STATE UNIVERSITY AIRPORT**  
 2160 West Case Road Hgr. 3  
 Columbus, Ohio 43235-2526  
 CRS# IKBR028F

Date: 1/07/16 Work Order #: AM06931 N#: N378TT  
 Acft Make/Model: Cirrus SR20 Serial #: 2074  
 Tach Meter: 1557.0

**Engine Log:**

1. Removed Alt #2 P/N 653344 S/N H-H-101217 and installed factory new Alt #2 P/N 653344 S/N H-E-261515.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

CRS # VJARS27M

OM

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



4510 Airport Rd  
Cincinnati OH 45226  
(513) 321-1200



**N378TT ENG. S/N: 1003357 Date: 1/19/2016 Engine Hobbs: 1843.2 Flight: 1486.0 TSN: 1486.0**

1. Changed engine oil Serviced oil with 8 qts. of 15w-50wt Aeroshell.
2. 12 ounces of Cam-Guard added.
3. Installed new oil filter p/n AA48108-2. Cut open old filter and inspected for metal debris. None found.
4. Routine oil sample taken for analysis
5. Run-up checks good. No leaks noted.

Greg Herrmann 4069015631A

*Greg Herrmann*



**Midwest Aircraft Refinishing**  
11038 Hwy 37 Bld A Box 8  
Hibbing, MN 55746 (218)404-0314

Cirrus Design Corp SR20 25 April 2015  
N378TT 20- 2074 Hobbs- 1876.1 FLT- 1511.9  
**Engine Entry**

Drained engine oil and removed filter. Cut filter open and inspected, found no anomalies. Installed new CH48108-1 filter and serviced engine with 8 quarts of 20W50 XC oil. Removed existing starter and starter adapter. Installed overhauled starter adapter and new starter P/N 646275-1 S/N H-Q011081. Ops and leak checks good.

Ross W. Robillard

A&P # 3353760

Signature

*Ross W. Robillard*



**THE OHIO STATE UNIVERSITY AIRPORT**  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 06/06/16 Work Order #: AM07131 N#: N378TT  
Acft Make/Model: Cirrus SR20 Serial #: 2074  
Flight Meter: 1544.2

**Engine Log:**

1. Drained oil. Installed new oil filter P/N AA48108-2 (C of C), and serviced engine wrth 8qts Phillips 20W50 and 12.8oz Camguard Ground ran engine leak check normal  
"Maintenance Release"

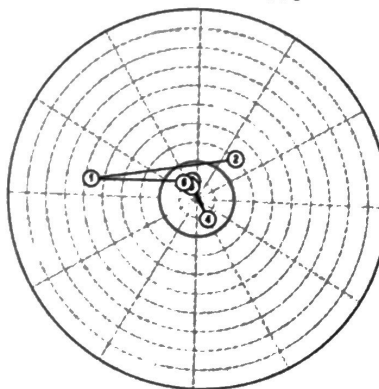
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service Pertinent details of the repair are on file at this agency

END

Signature *[Signature]* for CRS# IKBR028F

**ENGINE/PROP DYNAMICALLY BALANCED**

— POLAR PLOT - 1.0 IN/S FS —



**Operator Comments**

Ground Balance. Performed a dynamic balance procedure IAW MT E-124 manual. Initial IP/S of 567 @ 2549 rpm reduced to .110 IP/S @ 2568 rpm by the addition of AN hardware to spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources, LLC 101 Airport ave Hangar 7 Cumberland, WJ 54829 Hangar (715) 822 5787 Cell (715) 491 1303 Jim@aviationvibes.com www.aviationvibes.com

N378TT Cirrus SR 20 G3 2074 1668.1 Hrs  
Cont/MT 1003367

Left Mag Front

MicroVib II SN:1177 Cal:03/03/2016

Initial: 0.667 IN/S @ 2549.2 RPM Final: 0.110 IN/S @ 2568.0 RPM

Oper:

Date:07/22/2016

Jim Barker A&P 2755069



Model IO360ES22B  
S/N 1003357  
Reg # N378TT

**Interstate Turbine Management**  
6070 Perimeter Rd.  
North Charleston, SC 29406

Date 05/15/17  
Hobbs 1685.8  
WO# 3799

Engine: C/W 50 HR inspection IAW Cirrus M/M. Drained oil and inspected filter. Installed new oil filter, P/N AA48108-2, and serviced engine with Phillips 20W50 oil. Ground run and leak check good.

Brought

*Oliver Bell*

A&P 143663284 IA

July 21, 2017

N378TT	CIRRUS SR20 G3	S/N 2074	FLIGHT 1715.7 Hrs	Hobbs 2104.8 Hrs
CONTINENTAL IO 360 E22		S/N 1003357	FLIGHT 1715.7 Hrs	Hobbs 2104.8 Hrs
MT	MTV-12-D	S/N 141042	FLIGHT 1715.7 Hrs	Hobbs 2104.8 Hrs

Performed ground run. Removed cowling. Performed compression test - #1 68/80, #2 60/80, #3 72/80, #4 70/80, #5 68/80, and #6 63/80 - M/O 42/80. Borescope inspection found deficiencies in #6 cylinder; removed #6 cylinder and routed to Bolducs for repair, w/o: 30248; reinstalled. Removed spark plugs; gap checked and resistance checked; cleaned lead spring contacts; anti-seized, and reinstalled. Drained oil; took oil sample and routed to Blackstone for analysis. Removed and cleaned oil screen. Oil filter inspected; no contamination noted. Installed new Tempest oil filter P/N: AA48108-2 and serviced with 8 quarts of Aeroshell Mineral 100 oil. Removed and replaced air filter with P/N: BA24. Lubricated throttle, prop control rods, and mixture rods. Adjusted magneto-to-engine timing from left @ 22 ° and from right 25.5° of nominal of 24 ° BTDC to both at 24° BTDC. Engine-driven/electric fuel pump leak check found satisfactory. Checked alternate air door; found satisfactory. Adjusted prop governor rod end, 2 turns in and replaced cotter pin. Performed ground run and leak check; found satisfactory. Reinstalled cowling. (Refer to Job#378TT3 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069  
Hangar (715) 822 5787  
Cell (715) 491 1303  
Email jim@aviationvibes.com

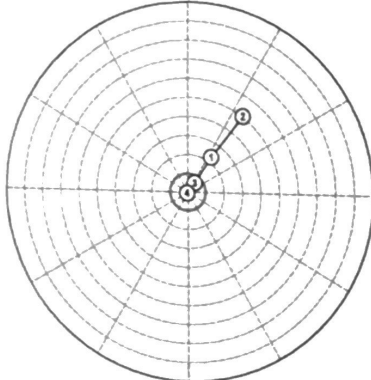
*Jim Barker*



**AVIATION RESOURCES, LLC**  
101 Airport Ave, Hangar #7  
Cumberland, WI 54829  
www.aviationvibes.com

**ENGINE/PROP DYNAMICALLY BALANCED**

— POLAR PLOT - 2.0 IN/5 FS —



**Operator Comments**

Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmut doc AW 9511-2 dated 12 June 1990 using DSS MicroVib II equipment and application note AN-MV2 Prop Rev 00 1 July 2003. Initial IPS of .452 @ 2708 rpm reduced to .015 IPS @ 2687 rpm by installation of AN hardware balance weights on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources, LLC 101 Airport ave Hangar 7 Cumberland, WI 54829 Hangar (715) 822 5787 Cell (715) 491 1303 Jim@aviationvibes.com www.aviationvibes.com

N378TT Cirrus SR 20 2074 1715.7 Hrs  
Cont/MT 1003357  
Flight front of engine  
MicroVib II SN:1177 Cal:03/10/2017  
Initial: 0.452 IN/S @ 2708.3 RPM Final: 0.015 IN/S @ 2687.4 RPM

Oper: \_\_\_\_\_  
Date: 07/21/2017

Jim Barker A&P 2755069

Model IO360ES22B  
S/N 1003357  
Reg # N378TT

**Interstate Turbine Management**  
6070 Perimeter Rd.  
North Charleston, SC 29406

Date 8/7/17  
Hobbs 1729.9  
WO# 3871

Engine: C/W 50 HR inspection IAW Cirrus M/M. Drained oil and inspected filter. Installed new oil filter, P/N AA48108-2, and serviced engine with Phillips 20W50 oil and Camguard. Took Blackstone sample. Ground run and leak check good.

*Oliver Bell*

A&P 143663284 IA

# Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

CMI IO-360-ES(22)B

s/n:1003357

N378TT

10-6-17 Hobbs:2141.1hrs Flt Hr:1751.4hrs Oil drained, Blackstone sample taken. Oil filter removed and contents examined with no contaminants noted. New filter installed and engine serviced to capacity with Phillips 20-W-50 oil. Engine ground run completed with no leaks noted.

Liam Mullane A&P2807974

**DLK**



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954  
LOG ID# 19220 13-October-2017 WO# 17476  
N378TT S/N 2074 CIRRUS SR20  
HOBBS 1753.8

**AVIATION, INC.**

Pg 1 / 1

\*\*\* ENGINE LOG ENTRY \*\*\*

BORESCOPED CYLINDERS, NO DEFECTS NOTED. ADJUSTED IDLE TO 800 RPM. ADJUSTED MIXTURE RISE TO 30 RPM. INSTALLED NEW HEAT EXCHANGER P/N 20559-004. INSTALLED NEW MUFFLER P/N20560-001. TIGHTENED HARDWARE ON ACCESSORY CASE. TIGHTENED ENGINE THROUGH BOLTS. REPLACED 3 ADEL CLAMPS ON ENGINE HARNESS. PERFORMED COMPRESSION CHECK: #1 70/80 #2 72/80 #3 78/80 #4 72/80 #5 72/80 #6 79/80 (MO 42/80).

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#17476 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.

**DLK**



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954  
LOG ID# 19298 09-November-2017 WO# 17505  
N378TT S/N 2074 CIRRUS SR20  
HOBBS 1775.1

**AVIATION, INC.**

Pg 1 / 1

\*\*\* ENGINE LOG ENTRY \*\*\*

50 HOUR MAINTENANCE COMPLETED. DRAINED OIL. CHECKED AND REPLACED OIL FILTER-NO METAL NOTED. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH PHILLIPS 20W-50W-XC OIL AND FILTER P/N AA48108. WASHED ENGINE, RAN ENGINE-ALL CHECKS NORMAL. NO OIL LEAKS NOTED. INSPECTED EXHAUST SYSTEM. TIGHTENED PUSH ROD TUBES. ADJUSTED RPM TO 2700. REPLACED #2 FUEL LINE CLAMP FOR CHAFING.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#17505 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.

**DLK**



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954  
LOG ID# 19487 23-January-2018 WO# 17584  
N378TT S/N 2074 CIRRUS SR20  
HOBBS 1820.6

**AVIATION, INC.**

Pg 1 / 1

\*\*\* ENGINE LOG ENTRY \*\*\*

REPLACED OIL AND FILTER. SERVICED WITH PHILLIPS 20W-50W-XC. CLEANED AND INSPECTED FUEL INJECTORS. CLEANED & GAPPED SPARK PLUGS.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#17584 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.

# 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 →				



5500 NW 21st Terr, HANGAR# 5  
FORT LAUDERDALE, FL 33309  
Ph: (954) 958-9193

## ENGINE ENTRY

DATE: 4/25/2018

W.O#: 18-017 AIRCRAFT: N378TT TACH/HOBBS: 2,259.4(H) ETT: 1,851.0  
MAKE: CONTINENTAL MODEL: IO-360-ES SERIAL: 1003357 SMOH: N/A

PERFORMED AND OIL CHANGE AND FILTER CHANGE PER CUSTOMERS REQUEST. DRAINED OIL AND REMOVED OIL FILTER. CUT AND INSPECTED OIL FILTER FINDING NO PARTICLES AT THIS TIME. SERVICED ENGINE WITH 8 QTS OF PHILLIPS 20W-50 AND INSTALLED A NEW CHAMPION OIL FILTER P/N: CH48108-1. SAFETY WIRED FILTER AND RAN ENGINE, NO LEAKS AT THIS TIME.

I certify that this Engine has been inspected in accordance with FAR 43 Appendix D and has been determined to be in an airworthy condition at this time.

*[Signature]*  
Brian Vera (A&P 2960580)

Model IO360ES22B  
S/N 1003357  
Reg # N378TT

**Interstate Turbine Management**  
6070 Perimeter Rd.  
North Charleston, SC 29406

Date 8/13/18  
FLT 1886.3  
WO# 4177  
TTE 1886.3

Engine: C/W Annual inspection IAW Cirrus M/M. Drained oil and inspected filter. Installed new oil filter, P/N AA48108-2, and serviced engine with Phillips 20W50 oil. Took Blackstone sample. Cleaned fuel injectors. Adjusted mag timing. Ground run and leak check good. Compression test: 1) 74/80, 2) 72/80, 3) 73/80, 4) 70/80, 5) 72/80, 6) 75/80.

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

*[Signature]* A&P 143663284 IA



**Thermal Systems**  
N378TT SR20 S/N 2074 Hobbs: 2320.9  
09-28-2018  
ENGINE

Drained oil and removed oil filter. Checked filter for contamination, none found. Installed new Tempest oil filter P/N AA48108-2 torqued and safetied. Serviced engine with 8 quarts Phillips 20w50. Performed operational run-up and leak check of engine. Ops normal, no leaks detected. END

*[Signature]*  
Sid Brantly  
A&P 2754299  
4640 Hangar Court, Montgomery AL 36018

Model IO360ES22B  
S/N 1003357  
Reg # N378TT  
WO# 4289

**Interstate Turbine Management**  
6070 Perimeter Rd.  
North Charleston, SC 29406

Date 10/30/18  
FLT 1899.6

Engine: Drained oil and inspected filter. Installed new oil filter, P/N AA48108-2, and serviced engine with Phillips 20W50 oil. Ground run and leak check good.

*[Signature]* A&P 143663284 IA

Model IO360ES22B  
S/N 1003357  
Reg # N378TT  
WO# 4408

**Interstate Turbine Management**  
6070 Perimeter Rd.  
North Charleston, SC 29406

Date 01/10/19  
FLT 1929.1

Engine: C/W 50 HR inspection. Drained oil and inspected filter. Installed new oil filter, P/N AA48108-2, and serviced engine with Phillips 20W50 oil. Ground run and leak check good.



3731415 A&P

Model IO-360-ES  
S/N 1003357  
Reg # N378TT

**Interstate Turbine Management**  
6070 Perimeter Rd.  
North Charleston, SC 29406

Date 5/30/19  
FLT 1957.9  
WO# 4558

Complied with 50 hour inspection IAW SR20 MM. Drained oil and inspected filter with no metal noted. Installed new filter P/N AA48108-2, and serviced engine with Phillips 20W50 oil. Ground run and leak check good. Cleaned and checked spark plugs, re-installed with new gaskets. Adjusted left and right mag timing. Removed and re-installed #3 cylinder after repair by Triad Aviation.



3731415 A&P

July 30, 2019  
N378TT

Continental  
MT

CIRRUS SR20  
IO-360-ES(22)B  
MTV-12-D

S/N 2074  
S/N 1003357  
S/N 141042

FLIGHT 1981.1 Hrs  
FLIGHT 1981.1 Hrs  
FLIGHT 1981.1 Hrs  
Hobbs 2425.8 Hrs  
Hobbs 2425.8 Hrs  
Hobbs 2425.8 Hrs

Performed ground run. Removed cowling. Performed compression test - #1 53/80, #2 68/80, #3 72/80, #4 66/80, #5 64/80, and #6 69/80 - M/O 80/43. Borescope inspection found satisfactory. Removed spark plugs; gap checked and resistance checked; replaced bottom #2 plug with new P/N URHM38S; cleaned lead spring contacts; anti-seized, and reinstalled. Installed new screw on #5 cylinder exhaust valve cover. Removed and cleaned magnetic drain plug, found normal debris. Drained oil; took oil sample to route to Blackstone for analysis. Oil filter inspected; no contamination noted. Installed new Tempest oil filter P/N AA48108-2 and serviced with 8 quarts of 20W50XC oil. Removed and replaced air filter element with new P/N BA24. Removed and cleaned Air wolf air / oil separator; reinstalled. Lubricated throttle, prop control rods, and mixture rods. Adjusted magneto-to-engine timing from left @ +1.3° and from right @ -1.2° of nominal of 24° BTDC to both at 24° BTDC. Removed engine fuel pump rod end, and replaced with new P/N HF-3M. Adjusted oil pressure in 1 full turn. Replaced safety wire on oil pressure regulator with new. Performed ground run and leak check; found satisfactory. Reinstalled cowling. (Refer to Job #378TT5 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069  
Hangar (715) 822 5787  
Cell (715) 491 1303  
Email jim@aviationvibes.com



AVIATION RESOURCES, LLC  
101 Airport Ave, Hangar #7  
Cumberland, WI 54829  
www.aviationvibes.com

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

Brought


July 30, 2019  
 N378TT  
 CONTINENTAL CIRRUS SR20 G3 S/N 2074 FLIGHT 1981.2 Hrs Hobbs 2426.5 Hrs  
 MT IO-360-ES(22)B S/N 1003357 FLIGHT 1981.2 Hrs Hobbs 2426.5 Hrs  
 MTV-12-D S/N 141042 FLIGHT 1981.2 Hrs Hobbs 2426.5 Hrs

Removed cowling. Turned out fuel pump aneroid 1 full turn. Removed engine baffle and #1 alternator, and removed inner cylinder baffle between #5 & #3 cylinders. Trimmed inner cylinder baffle to increase air flow in between cylinders. Installed inner cylinder baffle, #1 alternator and engine baffle. Installed cowling. (Refer to Job#378TT5 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE

JIM BARKER A&P/IA 2755069  
 Hangar (715) 822 5787  
 Cell (715) 491 1303  
 Email jim@aviationvibes.com

AVIATION RESOURCES, LLC  
 101 Airport Ave, Hangar #7  
 Cumberland, WI 54829  
 www.aviationvibes.com



## Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

CMI IO-360-ES(22)B s/n:1003357

N378TT

11-25-19 Hobbs:2476.2hrs Flt Hr:2022.7hrs Oil drained, Blackstone sample taken. Oil filter removed, contents examined with no contaminants noted. Removed oil cap, blocked filler housing with lint free cloth. Removed loose surface corrosion from interior oil filler housing and removed cloth. Removed oil drain valve assembly and flushed oil filler/oil sump until clean from contaminants. New oil filter installed/secured and engine serviced with 7qts. Phillips 20-W-50 oil. Installed new oil filler cap gasket. Engine ground run completed with no leaks noted. Set engine idle speed to 750RPM.

Bryan M Wood A&P3216290

## Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

CMI IO-360-ES(22)B s/n:1003357

N378TT

4-27-2020 Hobbs:2527.9hrs Flt Hr:2064.5hrs Oil drained, Blackstone sample taken. Oil filter removed, contents examined with no contaminants noted. New oil filter installed/secured and engine serviced with 7qts. Phillips 20-W-50 oil and ASL Cam Guard additive. Engine ground run completed with no leaks noted. Set engine idle speed to 780RPM.

Bryan M Wood A&P3216290

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

B



**AVIATION RESOURCES**  
101 Airport Ave, Hangar 7  
Cumberland, WI 54829

**N378TT**

## ENGINE LOG BOOK ENTRY

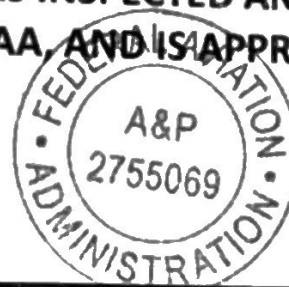
**8/5/20**

Cirrus	SR20	S/N 2074	Flight	2096.5	Hobbs	2564.8
Continental	IO 360 ES (22)	S/N 1003357	Flight	2096.5	Hobbs	2564.8

Removed cowling. Removed engine IO 360 ES (22), S/N 1003357. TTE is 2096.5. (Refer to Job #378TT7 for details.)

**THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA, AND IS APPROVED FOR RETURN TO SERVICE.**

JIM BARKER A&P/IA 2755069  
Cell (715) 491-1303  
Email jim@aviationvibes.com



**AVIATION RESOURCES, LLC**  
Hangar (715) 822-5787  
www.aviationvibes.com

ENGINE LOGS CONTINUED IN AD LOG BOOK