

The Standard

AIRCRAFT LOG

N378TT Book #2

ASA-SA-2

Airframe Log-Book

Spirit Avionics Ltd CRS# UOKR250X 4808 E 5th Ave Columbus OH 43219
21 Mar 2013 N378TT A/C Hours: 0684.4

1. Performed annual ELT inspection IAW 14 CFR 91.207 and the ME406 ELT installation/ maintenance manual. ELT battery due: Oct 2016. All checks were found to be compliant.

ELT P/N: 453-6603

S/N: 197-06235

Refer to Spirit Avionics Ltd WO# 13059

The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.

Authorized Signature:  _____ Jonathan R. McIlhargie

Certificate Number: 3556556, Repairman

TE

SERVICE

Empty Weight

Empty CG



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

Date: 04/01/2013 Work Order #: AV00797 N#: N378TT
 Aircraft Make/Model: Cirrus SR20 Serial #: 2074

Aircraft Log:

- Removed defective Garmin, GRT-10, P/N 011-01557-00, S/N 14Q001652. Installed Garmin GRT-10, P/N 011-1557-00, S/N 14Q001318, overhauled by Garmin AT Inc., CRS# JC6R634N, W O # 170030, dated 04-28-2010. No change in weight & balance.

"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



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

Date: 4/16/2013 Work Order #: AM05449 N#: N378TT
 Aircraft Make/Model: Cirrus Design SR20 Serial #: 2074
 Flight Meter: 706.6 Total Time: 706.6

Aircraft Log:

- Complied with an Annual Inspection using Cirrus Design SR20, chap. 5-20 Inspection Guide, Revision B5 and other current data.
- Cleaned grease residue from seat tracks & rollers & lightly lubed with clear silicone lubricant. Seat locking action normal.
- Replaced nose wheel bearing P/N 08125 (8130-3) and bearing cup P/N 08231 (8130-3). Reassembled IAW SR 20 AMM Ch 32.

I certify that this aircraft has been inspected in accordance with an Annual 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.

END

Signature:

for CRS# IKBR028F

YEAR

TOTAL

Current Weight and Balance Information

21
01
-



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

Hour Meter: ~~808.2~~ 808.2 Total Time: ~~808.2~~ 808.2

Aircraft Log:

1. Complied with an 100hr Inspection using Cirrus SR20 AMM Chapter 5 Inspection Guide Revision B4 dated 2/1/2013 and other current data.
2. Cleaned and Lubed Co-pilot seat and seat rail.
3. Replaced Left and Right main landing gear tires with new Left Tire P/N 156E66-4 S/N 22352022 (8130-3), Right Tire P/N 156E66-4 S/N 3157362 (8130-3).
4. Replaced Pilots outboard seat rail with new Cirrus Aircraft Design. p/n 12490-009, (C of C)
5. Replaced Broken Lower left engine cowl nut plate with new P/N MS21059L3 (8130-3).
6. Complied with 500hr inspection "Engine mount weldment and lower mount attach fittings verify torque" Per Cirrus SR20 AMM. Next Due Tach 1302.2

I certify that this aircraft has been inspected in accordance with Annual 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: _____

for CRS# IKBR028F

Useful Load

Remarks



THE OHIO STATE UNIVERSITY AIRPORT

2160 West Case Road Hgr. 3
Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 07-24-2013 Work Order #: AM05607 N#: 378TT

Aircraft Make/Model: Cirrus SR20

Serial #: 2074

Tach Time: ~~821.8~~ 821.8

Engine Log:

1. Removed & Replaced Fuel Injector pump TCM p/n 649368-74A4 s/n 812JA173 qft & installed same p/n s/n B13CA053. Set Fuel Injection pressures IAW TCM SB 97-3E. Leak checked good during run-up.

"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: _____

for CRS# IKBR028F

DATE



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

Date: 07/25/2013 Work Order #: AM05613 N#: 378TT
Aircraft Make/Model: Cirrus SR20 Serial #: 2074
Hour Meter: 822.9

Aircraft Log:

- 1 Replaced left main tire innertube p/n 097-500-0 (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

Signature: M. J. [Signature] for CRS# IKBR028F



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

Aircraft Log:

1. Removed copilot seat and performed Alignment test to seat rails in accordance with Cirrus SR20 AMM chapter 25-10 Installed new offset pin to right side of copilot seat P/N 17075-040 (C of C).
2. Installed AN 4-4 bolt (8130-3) to right main gear wheel fairing
3. Checked nose wheel push pull limits Per Cirrus Service manual. Nose wheel found within limits at this time. Cleaned and lubricated nose wheel pivot joint

"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: M. J. [Signature] for CRS# IKBR028F



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

Date: 08/27/2013 Work Order #: AM05667 N#: 378TT
Aircraft Make/Model: SR20 Serial #: 2074
Hour Meter: 870.6

Aircraft Log:

- 1 Replaced right brake over temp placards. p/n 51698-001 & 51698-003. Reset PFD, GEA page

"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



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
Flight Meter: 906.7 Total Time: 906.7

Aircraft Log:

1. Complied with an 100hr Inspection using Cirrus SR20 AMM Chapter 5 Inspection Guide Revision B5 dated 2/1/2013 and other current data.
2. Installed new brake liners P/N 066-10500 (8130-3) on left and right brakes
3. Rotated left and right main gear tires.
4. Installed new nose wheel tire P/N 071-312-0 S/N 2194S00266 to nose gear.

I certify that this aircraft has been inspected in accordance with 100hr 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.

END

Signature: _____

for CRS# IKBR028F

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or F



THE OHIO STATE UNIVERSITY AIRPORT

2160 West Case Road Hgr. 3

Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 01/30/2014 Work Order #: AM05864 NH: 378TT

Aircraft Make/Model: CIRRUS SR20 Serial #: 2074

Hour Meter: 982.2

Aircraft Log;

Checked flaps and found in down, retracted flaps found inop. Removed and replaced Flap up and Down relays, Cirrus p/n 50288-001 with reference to Cirrus manual 27-50-01 dated 02/01/2013. Flaps operate 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: Jack Horton 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 NH: N378TT

Aircraft Make/Model: CIRRUS/SR20 Serial #: 2074

Tach Time: 1079.5 Total Time: 1079.5

Aircraft Log;

1. Complied with an Annual Inspection using Cirrus SR20 AMM Chapter 5 Inspection Guide Revision B5 dated 2/1/2013 and other current data.
2. Installed new brake reservoir Cap P/N 0541139 (8130-3).
3. Adjusted Aileron roll micro switch per Cirrus SR20 AMM Rev B5 Chapter 27-10.
4. Complied with Electrical Bonding and Shielding inspection IAW Cirrus SR20 AMM Rev B5 Ch 51.
5. Installed new Thrust washer P/N 50545-001 (C of C) to nose gear and Installed nose gear Assembly per Cirrus SR20 AMM Rev B5 Chapter 32-20.
6. Performed annual ELT inspection IAW 14 CFR 91.207 (d) and the ME406 ELT Maintenance manual. ELT battery due: OCT 2016. ELT test report provided.

I certify that this aircraft has been inspected in accordance with Annual 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.

END

Signature: Mark H. H. for CRS# IKBR028F

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case Road Hgr. 3
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 3/17/2014 Work Order #: AMO5864 N#: N378TT
Aircraft Make/Model: CIRRUS/SR20 Serial #: 2074
Tach Time: 1079.5 Total Time: 1079.5

Aircraft Log:

1. Removed and replaced Flap up and Down relays, Cirrus p/n 50288-001 (C of C) with reference to Cirrus manual 27-50-01 dated 02/01/2013. Flaps operate normal.
2. Installed new Pitch trim motor P/N 14832-901-E (C of C) and ridded pitch trim IAW Cirrus SR20 AMM Rev B5 Ch 27.

"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: *[Handwritten Signature]* for CRS# IKBR028F



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
Tach Time: 1099.1 Total Time: 1099.1

Aircraft Log:

1. Complied with an Annual Inspection using Cirrus SR20 AMM Chapter 5 Inspection Guide Revision B5 dated 2/1/2013 and other current data.
2. Installed new air filter P/N BA24 (FAA-PMA).
3. Complied with an annual ELT inspection IAW 14 CFR 91.207 (d) and the ME406 ELT Maintenance manual. ELT battery due: OCT 2016. ELT test report provided.

I certify that this aircraft has been inspected in accordance with Annual 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: *[Handwritten Signature]* for CRS# IKBR028F

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspection Entries must be endorsed by Technician or Repair Facility
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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 Meter:1406.0 Engine time: 1216.4

Aircraft Log;

1. Inspected right brake caliper for heat damage. Replaced both temp stickers 1 each 51698-001 and 51698-003, (Cof C). No defects noted at this time.
2. Serviced tires per Cirrus POH.

“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

CRS# IKBR028F 4808 E 5th Ave Columbus OH 43219

Spirit Aeronautics CRS# UOKR250X 4808 E 5th Ave Columbus OH 43219
09/08/14 N378TT A/C Hours: 1408.6

1. Loaded GFC-700 w/o yaw damp software, SP option software and enhanced AFCS software IAW the Cirrus Service Bulletin 2X-42-08 R1. All ground tests ok.

Refer to Spirit Avionics Ltd WO# 14279

The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished

Authorized Signature: _____

Certificate Number: UOKR250X

RECORDING

TODAY'S

TOTAL

Description of

Entries must be



THE OHIO STATE UNIVERSITY AIRPORT

2160 West Case Road Hgr. 3

Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 11-24-2014 Work Order #: AMO6331 N#: N378TT

Aircraft Make/Model: CIRRUS/SR20 Serial #: 2074

Tach Time: 1192.8 Total Time: 1192.8

Aircraft Log:

1. Complied with an Annual Inspection using Cirrus SR20 AMM Chapter 5 Inspection Guide Revision B5 dated 2/1/2013 and other current data.
2. Installed new inspection panel screws as required p/n MS 24694C5 (C of C).
3. Serviced brake reservoir with Mil-H 5606 hydraulic fluid.
4. Installed new 28L Duracell battery expiring Mar. 2021 & repaired pinched/open ground wire on ELT remote switch. Switch function normal.
5. Installed new Brackett BA-24 Induction Air Filter (FAA/PMA).
6. Removed alternator P/N 653344, S/N H-E-311106. Installed new alternator P/N 653344, S/N H-F-171407 with new P/N 649984 gasket.(8130-3).

I certify that this aircraft has been inspected in accordance with Annual 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.

-----END-----

Signature:  for CRS# IKBR028F

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repair

Entries must be endorsed with Name, Rating and
Technician or Repair Facility. (See back pages for

12-4-14 SR20 N378TT Hobbs 1476.2 flt 1197.4

Reconfigured Cirrus Perspective 0764.15 Software

for SR20 Integrated Fuel Quantity

Option. AU checks OK. Ref. Garmin

Perspective Line Maint. Manual. Details

on file. W-O. Ref 19496 *(CME)*

LANCASTER AVIONICS INC

LANCASTER AIRPORT

LITITZ PA 17543

DATE 12-4-14

CERTIFICATE NO. LN7R261M

SIGNED *Milan Jovanovic*

MAKE: Cirrus
MODEL: SR20
S/N: 2074
REG. NO: N378TT
WORK ORDER:
3199-01-2014



Advanced Lancaster LP

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 12/4/2014
A/C TSN: 1197.4
HOBBSS: 1476.2

Airframe Entries

Installed STC SA02825NY CIES digital fuel senders and Aerospace Logic digital fuel quantity indicator kit P/N CIES-SR20G3. Installed fuel senders I/B R/H wing S/N E268, O/B R/H wing S/N F269, I/B L/H wing S/N E247, O/B L/H wing S/N F268. Installed fuel quantity indicator S/N ASL007022. Calibrated fuel quantity system. All work completed IAW the STC SA02825NY and installation instructions.... Removed existing navigation/anti collision light assemblies, power supplies, and harnesses on both wingtips. Installed new L/H LED wingtip position/anti collision light assembly model number OR6002R P/N 010771733-12, S/N 00247 and new R/H LED wingtip position/anti collision light assembly model number OR6002G P/N 010771733-11, S/N 00354. Manufactured by Whelen Engineering company Inc. This product meets TSO-C30c for type I, II, and III position lights and TSO-C90a for class II anti collision lights. Weight and balance completed and updated in the POH. All work accomplished IAW the manufacture supplied instructions. Final ops check good.... Adjusted max takeoff RPM for 2700.... Adjusted cruise RPM for 2500.... Removed and replaced two "NO PUSH" decals on both wing root fairings.... Adjusted and lubed the pilot and co-pilot door latches.

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:

Work Order: 3199-01-2014

Milan Jovanovic, IA: 3164117AP

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Spirit Aeronautics CRS# UOKR250X 4808 E. 5th Ave. Cols, OH 43219

N378TT

A/C Hours: 1470.6

The altimeter and pitot-static system biennial checks required by FAR 91.411 have been accomplished IAW FAR Part 43 Appendix E.

Stand-by altimeter static system tested to: 35,000 feet

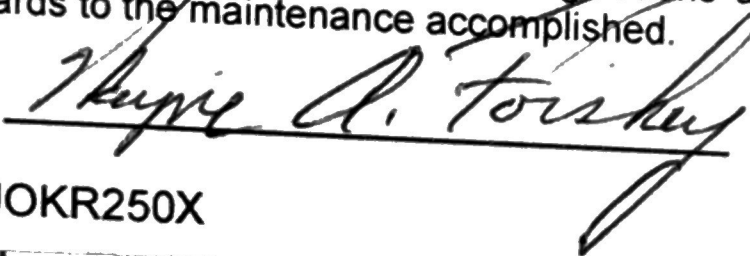
ALT P/N: 5934AD-3 S/N: 479888

Test Equip P/N: Laversab 6300 Cal Date: June 17, 2014

WO #: 14410 Date: 11/24/14

The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.

Authorized Signature:



Certificate Number: UOKR250X

**TIME IN
SERVICE**

Entries must be addressed with the name of the shop and Certificate Number
Technician or Repair Facility. (See back pages for other specific entries)

Spirit Aeronautics CRS# UOKR250X 4808 E. 5th Ave. Coles, OH 43219

N378TT A/C Hours: 1470.6

The biennial checks required by FAR 91.411 & 91.413 have been accomplished IAW FAR Part 43 Appendix E & F.

ADC tested to: 35,000 feet

ADC P/N: 011-00882-10 S/N: 20609501

Test Equip P/N: Laversab 6300 Cal Date: June 17, 2014

ATC P/N: 011-00779-10 S/N: 89120706

Test Equip P/N: TR-220 Cal Date: October 13, 2014

WO #: 14410 Date: **11/24/10**

The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.

Authorized Signature: 

Certificate Number: UOKR250X

YEAR
20
DATE

RECORDING

TODAY'S

TOTAL

Description of Ins

Sarasota Avionics Tampa

Repair Station Number: QV6D967X

Transponder Work Sheet

Work Order Number: 21471

Make/Model: GTX 33 ES

P/N: 011-00779-30

S/N: 89120706

Preliminary Inspection Complied With.

Hidden Damage Inspection Complied With. N/A

Discrepancies Noted: NONE

Completed By: JBL

Date: 3/27/2018

Corrective Action: TESTED UNIT IN ACCORDANCE WITH APP F of CFR PART 43

Section III: Final Testing

Refer to Manufacturers Maintenance Manual for Test Specifications

Transponder Information and Tests

Frequency 1090 MHz

Mode A MTL: -73 db

Power Output: 250 w

Replay (P1 P2) PASS

Reply (P2 db): PASS

Mode C MTL: -72 db

Check Ident: PASS

F1 & F2 (ALT Off): PASS

Check Mode A Codes: PASS

Altimeter Reads (28 82):

20

Feet

Check Altitude Reporting

Mode C Reads:

0

Feet

Encoder Tests

Make/Model: GDC 74

P/N: 010-00336-10

S/N: 20606516

0 feet 0

1100 feet 1100

1800 feet 1800

6800 feet 6800

14800 feet 14800

Mode "S" Transponders

Mode "S" Diversity: NA

Mode "S" Address: A5433E

Mode "S" Formats: PASS

Peak Power Selected Ant: 250

Correct Address: PASS

UF=4 Altitude: PASS

Unselected Antenna: NA

Incorrect Address: PASS

UF=5 Address: PASS

Mode "S" All Call Interrogations

ATCH55 - Only All Call Interrogations:

Squitter: PASS

Correct Address Verified: PASS

08 Microsecond P4: PASS

One per Second: PASS

Capability Reported: PASS

Verify No Reply Generated: PASS

1.6 Microseconds P4: PASS

Completed By: JBL

Date: 3/27/2018

NOTES:

Inspector: JBL

Date: 3/27/2018

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case Road Hgr. 3
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 05-14-2015 Work Order #: AMO6572 N#: N378TT
Aircraft Make/Model: CIRRUS/SR20 Serial #: 2074
Flight Time: 1293.8 Total Time: 1293.8

Aircraft Log:

1. Complied with an Annual Inspection using Cirrus SR20 AMM Chapter 5 Inspection Guide Revision B5 dated 2/1/2013 and other current data.
2. Installed new Induction air filter P/N BA-24 (C of C).
3. Rotated right main gear tire.
4. Installed new heat shielding tape to Lower right cowling.

I certify that this aircraft has been inspected in accordance with Annual 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.

-----END-----

Signature  for CRS# IKBR028F



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

Date: 6/5/2015 Work Order #: AM06619 N#: N378TT
Aircraft Make/Model: Cirrus SR20 Serial #: 2074
Flight Meter: 1316.3 Aircraft T.T.: 1316.3

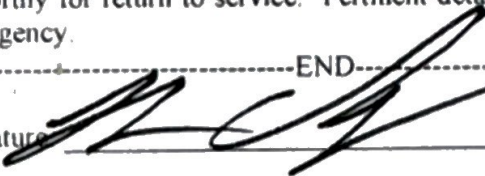
Aircraft Log:

1. Installed new right side tire p/n 156E66-4, s/n 41782037 and tube p/n 092-500-0 both with Cert. Of Con on file with acct records Reassembled wheel and installed using Cirrus Design SR20 AMM as a guide. Safetied as required and serviced to mfg. 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.

-----END-----

Signature  for CRS# IKBR028F

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THE OHIO STATE UNIVERSITY AIRPORT

2160 West Case Road Hgr. 3
Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 07/16/2015 Work Order #: AM06674 NH: 378TT

Aircraft Make/Model: Cirrus SR 20 Serial #: 2074

Hour Meter: 1346.7 Total Time: 1346.7

Aircraft Log:

1 Complied with FAR 91 207 (d) by Performed an ELT inspection IAW CFR 91 207 (d) and Model ME406 Maintenance Manual Provided ELT test report Next due 07/16/2016 and battery due 10/2016

"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

**REPORT
of 406 MHz ELT testing**

Report date 7/16/2015

Date of testing: 7/16/2015

ELT IDENTIFICATION

ELT Model: ME-406
ELT Serial No: 6235
ELT Issue date: 7/17/2010

Full Message: FFFE2F56E62030B80018AD04D090
Message Format: Short
User protocols or User-location protocols
Beacon Identifier: ADCC40616C00315
Country code: United States of America (366)
Beacon Serial Number: 6235
Cospas Sarsat Certificate: 197
121.5MHz radio-locating transmitter: Yes

ELT MESSAGE CONTENTS

GENERAL ELT PARAMETERS

Frequency of 406MHz channel, kHz: 406036.79
Power level in 406MHz channel, dBm: 35.1

ADDITIONAL ELT PARAMETERS

Total transmission time, ms: 442.8
Unmodulated carrier time, ms: 442.8
Phase(+), degrees: 80
Phase(-), degrees: 160

VISUAL ELT PARAMETERS

406 MHz Led: Yes
State of Marking: Good

Date of next testing: 7/15/2016

Batteries replacement date: 7/15/2016

Tests are carried out by certified company.

The Ohio State University Airport,
2160 West Case Rd, Columbus, OH, 43235
Tel/Fax: 614-292-5000

NOTES:

Radioengineer

IKBR028F

7/16/2015

Spirit Aeronautics CRS# UOKR250X 4808 E 5th Ave Columbus OH 43219
07/23/15 N378TT A/C Hours: 1351.0

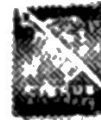
1. Complied with Cirrus service bulletin **SB2X-42-10.**

Refer to Spirit Avionics Ltd WO# 15402

The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.

Authorized Signature:  _____ Justin J Hahn

Certificate Number: UOKR250X



THE OHIO STATE UNIVERSITY AIRPORT

2160 West Case Road Hgr. 3

Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 09/15/2015 Work Order #: AM06732 N#: 378TT

Aircraft Make/Model: Cirrus SR20 Serial #: 2074

Hour Meter: 1381.2 Aircraft Total Time: 1381.2

Aircraft Log;

1. Replaced aircraft main battery with new Concorde RG24-11M, S/N 40728248 (Cof C).

“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# IKBR.028F



THE OHIO STATE UNIVERSITY AIRPORT

2160 West Case Road Hgr. 3

Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 10/15/15

Work Order #: AMO6820

N#: N378TT

Aircraft Make/Model: CIRRUS/SR20

Serial #: 2074

Flight Time: 1408.8

Total Time: 1404.8

Aircraft Log;

1 Adjusted hot/cold heat system valve using Cirrus SR20 AMM as a guide. Functioned normal on run up.

"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



THE OHIO STATE UNIVERSITY AIRPORT

2160 West Case Road Hgr. 3

Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 11/06/15 Work Order #: AMO6842 N#: N378TT

Aircraft Make/Model: CIRRUS/SR20 Serial #: 2074

Flight Time: 1438.6 Total Time: 1438.6

Aircraft Log:

- 1. Installed new oleo strut P/N 27057-002S (C of C) to nose gear Per Cirrus SR20 AMM

"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



THE OHIO STATE UNIVERSITY AIRPORT

2160 West Case Road Hgr. 3

Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 11-24-2015 Work Order #: AMO6867 N#: N378TT

Aircraft Make/Model: CIRRUS/SR20 Serial #: 2074

Flight Time: 1458.2 Total Time: 1458.2

Aircraft Log:

- 1. Replaced fuel boost pump with new unit P/N 11839-002 (FAA-PMA) I.A.W. Cirrus AMM chapter28

"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

MAKE: Cirrus
MODEL: SR20
S/N: 2074
REG NO: N378TT
WORK ORDER:
4210-11-2015

Fly Advanced Fly Advanced

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 12/18/2015
A/C TSN: 1466.2
HOBBS: 1817.1

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 10/2016 All AD's current thru 2015-25... Removed and replaced the Landing Light. Installed new LoPresti Speed Merchants "85W Boom Beam" IAW STC # SA02279AT... C/W SB 2X-21-05 Air Coupler Rigging. Rigging checks good... C/W SB 2X-27-16 R2 Flap Actuator Mod... SB 2X-27-17 Solid State Flap Relay, by installation of Flap Relay P/N: 29409-001, S/N: 001863 ... C/W SB 2X-28-12 R1 Electric Fuel Pump Inspection, no defects... C/W SA13-05 Elevator Hinge Pin Inspection... C/W SA15-03 H3R Aviation SB 2015-01 Fire Extinguisher, no defects... Secured the Flap Switch Knob... Secured the R/H Cabin Door Interior Trim Panel... Repaired the R/H Engine Baffle... Repositioned and secured the Breather Hose... Secured the #2 Alternator Cable... Repositioned and secured the Fuel Return Line aft of the Firewall... Removed and replaced the L/H and R/H Tailpipe Support Springs... Adjusted the L/H Tailpipe for proper clearance to the belly... Repaired the #1 Header - Collector Bolt Flange... Replaced the L/H and R/H Exhaust Collector Bolts... Secured the Cylinder Fuel Drain Hose to the Drain manifold... Removed and replaced the Heat Tape on the L/H and R/H Lower Cowlings... Cleared restriction in the Stall Warning Hose... Removed and replaced the Bearings and Races on the NLG, L/H and R/H MLG Wheels... Resealed the L/H and R/H Brake Calipers... Removed and replaced the L/H and R/H Lower Cabin Door Latches... Removed and replaced the Pilot and Copilot's Cup Holders... Removed and replaced the L/H and R/H Brake Discs and Linings... Rotated the L/H and R/H MLG Tires... Removed and replaced the L/H and R/H MLG Strut Grommets... Removed and replaced the Flap Actuator Assy w/ overhauled P/N: 11787-003S S/N: W1539A00145977... Removed and replaced the Throttle Bushing and Teflon Washers... Removed and replaced the Cylinder Fuel Drain Seals... Adjusted the Camber and Tow on the L/H and R/H MLG Struts... Removed and replaced the Ignition Switch, AD 1993-05-06 ACS Ignition Switch due @ FLT: 3466.2.

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

DATE: 12/18/2015

SIGNED:

Richard A. Barnhart II, IA. 8124994AP

Work Order: 4210-11-2015

Printed by EBis 3 (datcomedia.com)

YEAR
20 _____
DATE

TACH
TIME

FLIGHT

TIME IN
SERVICE

Entries must be
Technician or P



THE OHIO STATE UNIVERSITY AIRPORT

2160 West Case Road Hgr. 3

Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 12-30-2015

Work Order #: AMO6913

N#: N378TT

Aircraft Make/Model: CIRRUS/SR20

Serial #: 2074

Flight Time: 1476.2

Total Time: 1476.2

Aircraft Log;

1. Installed O/H #2 Alternator p/n 653344 s/n H-H-101217 by Quality Acft. Access. CRS QYIR334Y on WO 010085 (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: _____

for CRS# IKBR028F

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspection Entries must be endorsed with Technician or Repair Facility. (S
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KELLY AEROSPACE

Thermal Systems

N378TT S/N SR20-2074 Hobbs:1869.3 26 February 2016

Installed Kelly Aerospace Electric AC KATS-14-003 as per Drawing list
NC-14-021 Rev A.

See 337 dated 26 February 2016.

Updated Weight and balance information.

System ops checks normal.



3166820 A&P

Luke Russell
3166820 A&P

1625 Lost Nation rd. Willoughby, Ohio 44094 (440) 951-4744

CIRRUS SR20

AIRFRAME LOG


G-FORCE AVIATION INC

REGISTRATION :N378TT
 Flt. Time: 1545.0
 Hobbs Time: 1914.3
 Date: 06/16/2016

5430 Lauby Rd. Bldg.
 Canton OH. 44720
 Ph. 330-499-9790
 CRS#G25R150C

Removed and replaced pyrotechnic line cutters per Cirrus SR20 CAPS CMM Revision 13 chapter 95-01-01. Manufacture date on new line cutters October, 2022. Replaced Artex ME406 ELT battery per Artex installation instructions P/N 571-6504 R and Cirrus SR20 AMM chapter 25-60. Operational check good and inspected per FAR 91.207(d). ELT battery due for replacement June 2023.

The aircraft and/or component listed above was repaired & inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at G-Force Aviation CRS#G25R150C under work order # G1083 I certify that this aircraft determined to be in airworthy condition.

Signature  Date 6/16/16

July 21, 2016

N378TT

CONTINENTAL

MT

CIRRUS SR20 G3

IO 360 ES22SB

MTV-12-D

S/N 2074

S/N 1003357

S/N 141042

FLIGHT 1559.6 Hrs

FLIGHT 1559.6 Hrs

FLIGHT 47.7 Hrs

Hobbs 1932.2 Hrs

Hobbs 1932.2 Hrs

Hobbs 56.1 Hrs

Removed cowling. Adjusted FF up 1/4 turn. Adjusted oil pressure in 3/4 turn. Sealed air leaks in baffling. Installed USB power port under pilots kick panel and protected with 3amp fuse behind circuit breaker panel labeled "USB 3AMP". Performed a dynamic propeller balance. Initial IP/S of .567 @ 2545 rpm reduced to .072 IP/s @ 2559 rpm. Installed new, customer provided, interior side panel. Closed aircraft. (Refer to Job#378TT1 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

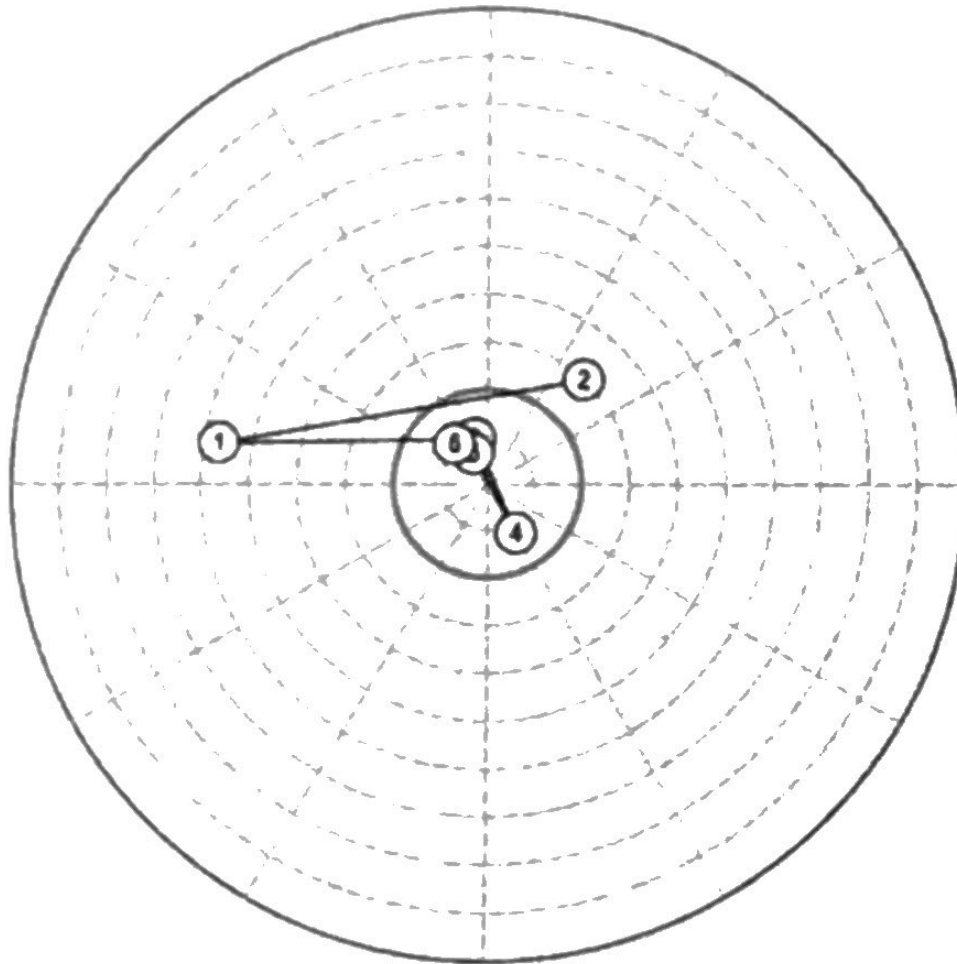
Cell (715) 491 1303

Email jim@aviationvibes.com



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

— 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, WI 54829 Hangar (715) 822 5787 Cell (715) 491 1303 Jim@aviationvibes.com www.aviationvibes.com

N378TT Cirrus SR 20 G3 2074 1568.1 Hrs

Cont/MT 1003357

Left Mag Front

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

Initial: 0.567 IN/S @ 2549.2 RPM Final: 0.110 IN/S @ 2568.0 RPM

Oper: _____

Date:07/22/2016


Jim Barker A&P 2755069

September 12, 2016

N378TT	CIRRUS SR20 G3	S/N 2074	FLIGHT 1568.1 Hrs	Hobbs 1947.1 Hrs
CONTINENTAL	IO 360 E22	S/N 1003357	FLIGHT 1568.1 Hrs	Hobbs 1947.1 Hrs
MT	MTV-12-D	S/N 141042	FLIGHT 0071.0 Hrs	Hobbs 0056.2 Hrs

Accessed aircraft and performed an annual inspection IAW FAA FAR 43 Appendix 43 and Cirrus MM as guides. Lubricated aircraft. Tested ELT; due for replacement 6/2023. #2 Batteries next due: 2/19/17. Checked security of main landing gear upper bracket for excess freeplay. Replaced main landing gear attach bracket bushings and bolts with new. Nose gear yoke disassembled, cleaned, inspected and found satisfactory, reassembled with new and tensioned nose castor system to 31 lbs. Cable tensions. Found satisfactory. Cleaned and lubricated throttle quadrant. Weighed fire extinguisher - 510 grams, found satisfactory. No ADs require compliance at this time. Tightened magneto switch. Installed Beringer Single Caliper Brake Kit on all positions per Cirrus service bulletin **SB2X-32-21**. Brake system flushed, filled with MIL-PRF-87257 fluid as per SB. Bled brake system. Dynamically balanced tires with results shown. Final IP/S - LM .039 RM .019 N .029. Serviced tires with air, outgoing air pressure - right 75 PSI, nose 65 PSI, left 75 PSI. Brake conditioning performed and found brake system satisfactory. Weight and Balance updated. Replaced left aileron inboard pivot bearing with new bearing, p/n KSP3L. Replaced all flap torque tube bushings with new, reassembled and safe tied. Replaced left aileron pivot bolt and nut with new, retorqued and safe tied. Closed aircraft. (Refer to Job#378TT2 for details.)

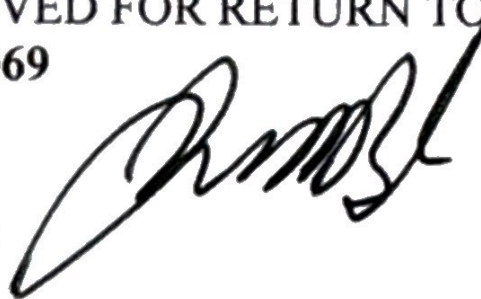
THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.

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

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



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

Date: 11-2-2016 Work Order #: AV01146 N#: N378TT
Aircraft Make/Model: CIRRUS/SR20 Serial #: 2074
Flight Time: 1592.5 Hobbs Time: 1968.9

Aircraft Log:

1. Complied with Garmin Service Advisory #1612 Rev :C.

"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

END

for CRS# IKBR028F

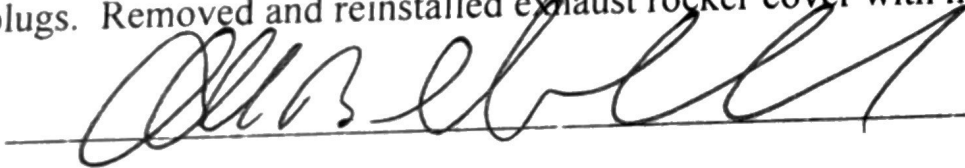
Date

01/06/17

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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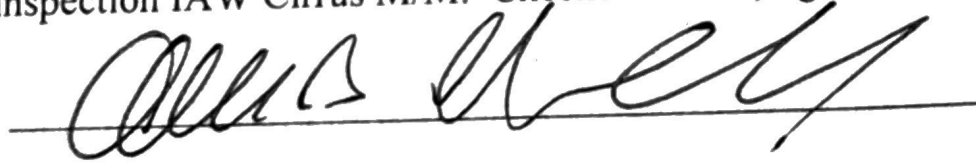
Model	<u>IO360ES22B</u>	Interstate Turbine Management 6070 Perimeter Rd. North Charleston, SC 29406	Date	<u>03/06/17</u>
S/N	<u>1003357</u>		FLT	<u>1648.1</u>
Reg #	<u>N378TT</u>		WO#	<u>3768</u>

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. Took Blackstone sample. Ground run and leak check good. Compression test: 1) 76/80, 2) 72/80, 3) 78/80, 4) 75/80, 5) 76/80, 6) 73/80. Cleaned and gapped plugs. Removed and reinstalled exhaust rocker cover with new gasket, P/N 655704.


A&P 143663284 IA

Model	<u>SR20</u>	Interstate Turbine Management 6070 Perimeter Rd. North Charleston, SC 29406	Date	<u>03/06/17</u>
S/N	<u>2074</u>		FLT	<u>1648.1</u>
Reg #	<u>N378TT</u>		WO#	<u>3768</u>

C/W 50 HR inspection IAW Cirrus M/M. Checked brakes, lights and tires.


A&P 143663284 IA

YEAR
20
DATE

Model SR20
S/N 2074
Reg # N378TT

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

Date 05/15/17
Hobbs 1685.8
WO# 3799

S

C/W 50 HR inspection IAW Cirrus M/M.

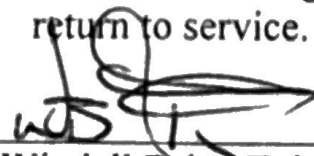


A&P 143663284 IA

SOUTHEAST AERO SERVICES, INC.
385 Hawkeye View Lane
St. Augustine, Florida 32095
FAA Cert. Repair Station UV4R584M

Cirrus SR-20 s/n:2074 N378TT TT:2096.2 28JUNE2017 w/o# 15773
Removed GDC74A P#010-003882-10 S#20609501. Installed the
exchange/overhauled GDC74A P#010-00882-10 S#20606516. Loaded the
required GDC74A software. Ground checks were satisfactory with reference
to the Cirrus Perspective line maintenance manual.

I certify the the aircraft or appliance identified above was repaired and
inspected in accordance with current FAA regulations and is approved for
return to service.

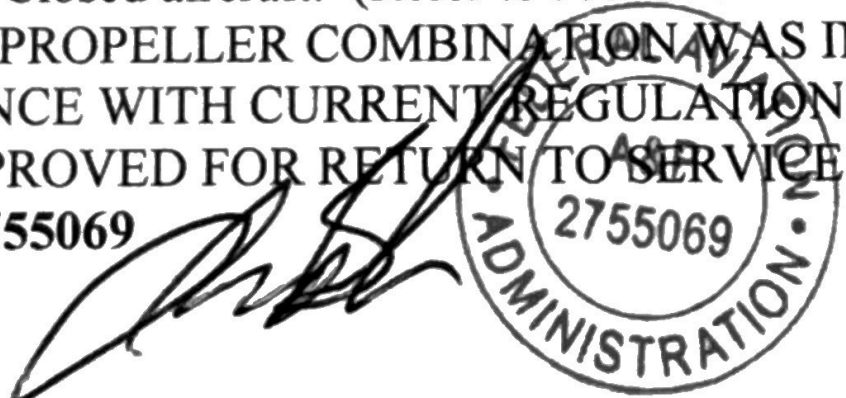

Windell Brian Tyler

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Continued from pg 1.
 Cleaned and lubricated throttle quadrant. Removed and cleaned gascolator; checked lines for security; reinstalled. Replaced aileron actuator hinge bushings and bearings on both sides. Removed sealant from com 1 & 2 antennas; inspected storm scope antenna; found no defect installed new exterior sealant. Installed Alpha Systems AOA. Electrical provisions for indicator are a 1/2 amp fuse in holder located behind circuit breaker panel. Indicator wired to main bus 3. Control module located under pilot's floor panel. Installed 15' micro USB cable for stratus. Performed a dynamic propeller balance. Initial IP/s .452 @ 2708 rpm reduced to .015 IP/s @ 2687 rpm by adding corrective weights on spinner rear bulkhead. Repaired crack in bolster cover. Replaced CO detector with new; P/N: 452-201-010R, next due: 07/2024. Replaced EMA controller with new; P/N: 20902-001; next due: 11/2023. Weighed fire extinguisher - 508 grams, found satisfactory. Removed air conditioning to verify reefing line cutter manufacture date of 01/2016, next due: 01/2022. Closed aircraft. (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



AVIATION RESOURCES, LLC
 101 Airport Ave, Hangar #7
 Cumberland, WI 54829
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YEAR
20 _____
DATE

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TODAY'S
FLIGHT

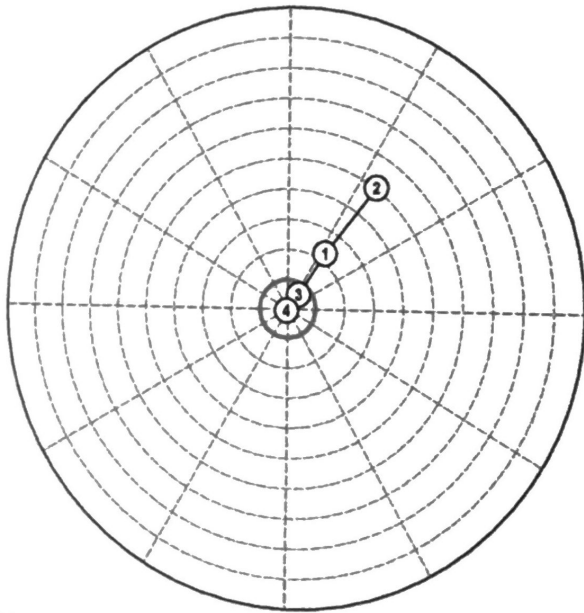
TOTAL
TIME IN
SERVICE

Description of Inspections

Entries must be endorsed with N
Technician or Repair Facility. (Se

ENGINE/PROP DYNAMICALLY BALANCED

----- POLAR PLOT - 2.0 IN/S FS -----



Operator Comments

Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth 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

YEAR
20 _____
DATE

RECORDING
TACH
TIME

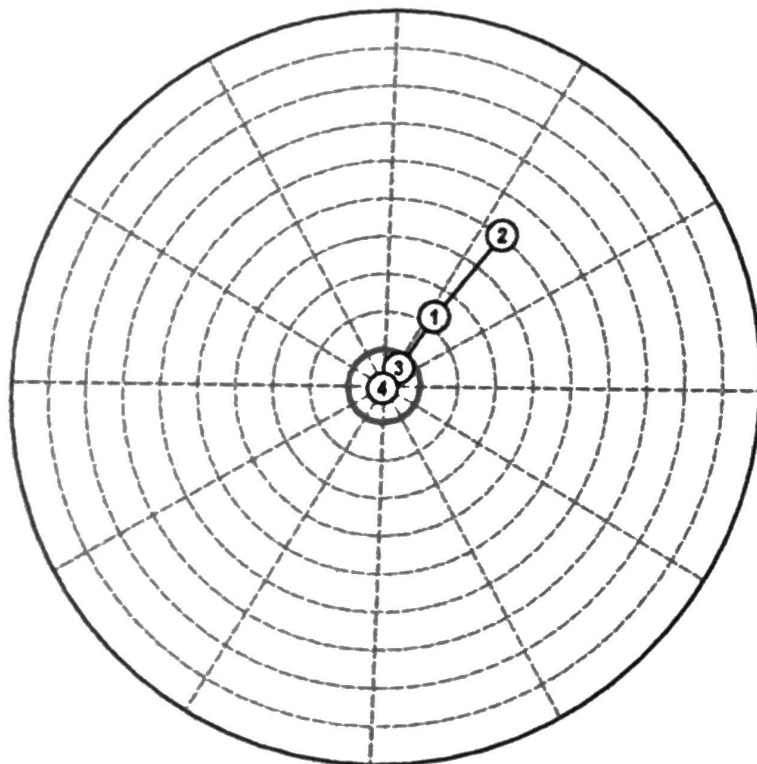
TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspect
Entries must be endorsed with
Technician or Repair Facility.

ENGINE/PROP DYNAMICALLY BALANCED

---- POLAR PLOT - 2.0 IN/S FS ----



Operator Comments

Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth 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

Southeast Aero Services Inc.

St Augustine, FL.

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

Cirrus SR-20

s/n:2074

N378TT

10-6-17 Hobbs:2141.1hrs Flt Hr:1751.4hrs. Accessed stall warning water trap and switch assembly. Disconnected switch and purged line, removing debris from tubing. Connected switch, water trap and reinstalled interior as required.


Liam Mullane A&P2807974

DLK

2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954

LOG ID# 19219 13-October-2017 WO# 17476

N378TT S/N 2074 CIRRUS SR20

HOBBS 1753.8

Pg 1 / 1

AVIATION, INC.

*** AIRFRAME LOG ENTRY ***

REPLACED CAPS COVER VELCRO. REPLACED PILOT ENERGY ABSORPTION PANEL P/N 14152-004. REPLACED CENTER CONSOLE LANYARD. REMOVED AND REINSTALL PANELS FOR REPAIR. PAINTED PILOT ENTRY GRAB HANDLE. REPLACED OVERHEAD LIGHT SWITCH P/N 24932-001. REPLACED L/H REAR PAX LIGHT P/N 19065-001. REPLACED NOSE STRUT AIRING SEAL. INSTALLED HEAT SHIELD TAPE ON LOWER ENGINE COWL. COMPLIED WITH SB2X-53-05R1 BY PAINTING ON WING WALKS. COMPLIED WITH SB2X-52-08R2 BY INSTALLING KIT P/N 18200-004. REPLACED L/H INBOARD FUEL SUMP. SECURED AND BONDED WINDOW TRIM. CLEANED HEADLINER. TIGHTENED NOSE STRUT SERVICE ALVE. INSTALLED NEW DOOR STRUTS P/N 18200-004. SERVICED TIRES. COMPLETED PULL TEST ON NOSE GEAR IVOT (35 LBS) AS REQUIRED BY CIRRUS DESIGN MAINTENANCE MANUAL SECTION 32-20.

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.



Thermal Systems

**N378TT SR22 S/N 2074 11-01-2017
AIRFRAME**

Removed rear right and left interior panels and replaced with new panels P/N AC01101 and AC01102, respectively. Removed headliner and replaced with new headliner P/N AC1100. Removed left and right pillar covers and replaced with new P/N AC01104 and AC01105, respectively. **END**

A handwritten signature in black ink, appearing to read 'Sid Brantly', written over a horizontal line.

Sid Brantly

A&P 2754299

4640 Hangar Court, Montgomery AL 36018

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
 LOG ID# 19297 09-November-2017 WO# 17505
 N378TT S/N 2074 CIRRUS SR20
 HOBBS 2164.3

*** AIRFRAME LOG ENTRY ***

COMPLETED 50 HOUR MAINTENANCE AS DIRECTED BY CIRRUS MAINTENANCE MANUAL. DRAINED AND CLEANED GASCOLATOR FUEL FILTER AND BOWL. INSPECTED BREATHER TUBE-NO OBSTRUCTIONS NOTED AT THIS TIME. VISUALLY INSPECTED BRAKE DISC AND LININGS FOR WEAR. INSPECTED TIRES FOR WEAR-SERVICED TIRES. VISUALLY INSPECTED WHEEL FAIRINGS FOR SECURITY. INSPECTED BATTERY FOR CORROSION-SERVICED BATTERY. INSPECTED PILOT AND CO-PILOT DOOR ROD ENDS-NO DEFECTS NOTED AT THIS TIME. COMPLETED PULL TEST ON NOSE GEAR PIVOT AS REQUIRED BY CIRRUS DESIGN MAINTENANCE MANUAL SECTION 32-20. COMPLIED WITH SB2X-32-22R1 BY INSPECTING NLG STRUT ASSEMBLY - NEXT DUE 1825.1 HOURS FLIGHT METER. COMPLIED WITH SB2X-32-23 BY INSPECTING AND ADJUSTING NOSE WHEEL TENSION TO 35 LBS. INSTALLED PILOT SEAT ENERGY ABSORPTION PANEL P/N 14152-004. REMOVED/REINSTALLED INTERIOR FOR REPAIR. INSTALLED CIRRUS 222 BULKHEAD COVER P/N AC-01491/M. RETORQUED OLEO STRUT VALVE.

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  FOR DLK AVIATION, INC.



Sarasota Avionics Inc Tampa (TPA)

845 Severn Ave. Tampa, FL 33606

Tail No:N378TT/Cirrus/SR20/Serial #:2074

Date:2/16/18 Work Order: M492

Hobbs: 2230.9

Removed pilot side interior window edge trim and replaced with new trim. Installed 88 Inch of edge trim P/N 51762-001U.

I certify this airframe has been inspected in accordance with manufacture check list as identified in the aircrafts instructions for continued airworthiness and was found to be in a condition for safe operation.

A handwritten signature in black ink, appearing to read "Simon C. Haase", written over a horizontal line.

Simon C. Haase A&P 2707550

Sarasota Avionics Inc Tampa (TPF)

845 Severn Ave. Tampa, FL 33606

Tail No.: N378TT/CIRRUS/SR20/SN:2074

Date: 2/9/2018

Work Order: 21444

Hobbs: 2230.9



Removed existing Garmin GMA347 Audio Panel (SN: 15H005869) and Install New Garmin GMA350c Audio Panel (SN: 1UF202308). New installation completed in accordance with Garmin GMA 350/350c Install Manual PN: 190-01134-11 Rev. J dated March 2016.

Updated Cirrus Perspective software to 0764.35 in accordance with Cirrus Service Bulletin SB2X-42-12 issued May 15, 2017.

I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

A handwritten signature in blue ink, appearing to be "J. B. A.", is written over a horizontal line.

for Sarasota Avionics Tampa QVOD957X

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Midwest Aircraft Refinishing 11038 Hwy 37 Bld A Box 8 Hibbing, MN 55746 (218)404-0314	Cirrus Design Corp SR20 20 June 2018 N378TT 20- 2074 Hobbs- 2,282.1 FLT-1,869.4 Airframe Entry
--	---

Re-painted upper surface of RH wing, and portions of all three wheel pants IAW SR22 AMM CH 51-20. Replaced interior door panels P/N20348-006 and 20349-006. Replaced RH OB drain valve IAW SR22 AMM CH 28-10.

Ross W. Robillard

A&P # 3353760

Signature 

Sarasota Avionics Inc Tampa (TPF)
 845 Severn Ave. Tampa, FL 33606
 Tail No.: N378TT/CIRRUS/SR20/SN: 2074
 Date: 3/27/2018 Work Order: 21471
 Hobbs: 2231.6



Removed existing GTX33 remote transponder and reinstalled upgraded GTX33ES transponder (SN: 89120706) and completed software and configuration upload to Cirrus Perspective System. Completed unit ground test in accordance with Cirrus Perspective Line Maintenance Manual PN: 190-00929-00 Rev. H.

I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.



for Sarasota Avionics Tampa QVOD957X

20 DATE TACH TIME SERVICE Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Model SR20
 S/N 2074
 Reg # N378TT

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

Date 8/13/18
 FLT 18263
 WO# 1172
 TTAF 18263

Airframe: C/W Annual inspection IAW Cirrus M/M. C/W FAR 91.207 (d) ELT inspection. Battery due 6/2023. C/W 24 month Magnetometer calibration and check. C/W 3 year #1 battery replacement by installing new battery P/N RG24-15M. C/W 2 year #2 battery replacement by installing new batteries P/N 50979-001. C/W SB 2X-32-22R2 nose gear inspection with no cracks noted. C/W SB 2X-32-23R1 Nose wheel shimmy reduction. C/W SB 2X-74-02 Ignition switch inspection. C/W SB 2X-95-24R1 CAPS ground wire installation. C/W SB 2X-42-12 Software update to V 764.35. C/W 500 hour engine mount torque check. Installed new landing light lamp P/N 18969-101 and harness P/N LSM-500-3366-21. Serviced AC with .75lbs of Freon. Replaced CAPS cover Velcro. Installed overhauled #1 GIA63W P/N 010-01105-01 S/N 15W013133. Serviced nose strut with N2. Installed new first aid kit. Wired audio from AOA system to the existing GMA350C audio panel. Ground check of systems good.

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

Chris [Signature]

A&P 143663284 IA



Thermal Systems

N378TT SR20 S/N 2074 Hobbs: 2320.9

09-28-2018

AIRFRAME

Removed Air Conditioner evaporator and replaced with new Kelly Evaporator Assembly P/N AC-01053. Removed Air Conditioner condenser and replaced with new Kelly Condenser Assembly P/N AC-01052. Removed receiver/dryer and replaced with new receiver/dryer P/N 37-18010, and new pressure switch P/N 29-30703. Recharged A/C system with 34oz R-134A and performed system check. Ops normal. END

A handwritten signature in black ink, appearing to read 'Sid Brantly'.

Sid Brantly

A&P 2754299

4640 Hangar Court, Montgomery AL 36018

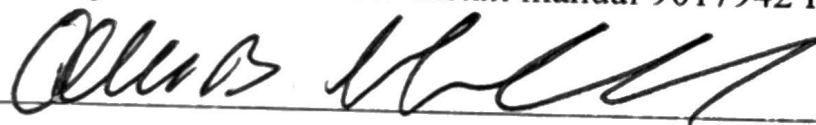
YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Model SR20
S/N 2074
Reg # N378TT
WO# 4271

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

Date 10/15/18
Hobbs 1899.6
TTAF 1899.6

Configured digital fuel option on MFD. Performed ground zero adjustment to the AOA sensor. Serviced nose strut. Replaced pilot door latch spring. Installed new TA102 dual USB power port P/N 6430102-3 S/N H17-12374 in the cigarette lighter location IAW install manual 9017942 Rev. J.



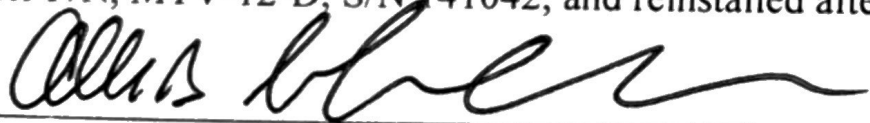
143663284 A&P

Model SR20
S/N 2074
Reg # N378TT
WO# 4289

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

Date 10/30/18
FLT 1899.6
TTAF 1899.6

Removed propeller P/N, MTV-12-D, S/N 141042, and reinstalled after repair for oil leakage.



A&P 143663284 IA

Model SR20
S/N 2074
Reg # N378TT
WO# 4408

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

Date 01/10/19
FLT 1929.1

C/W 50 HR inspection. **C/W SB 2X-32-23R1** Nose shimmy. Adjusted nose wheel pivot point IAW SB 2X-32-23R1. **C/W SB 2X-42-15R1** Garmin Perspective software version 0764.36. Completed calibration and operational ground checks of AOA system. Installed new left and right main tires P/N 156E06-1.



3731415 A&P

N378TT
Cirrus SR20
S/N: 2074

DAYTONA
AIRCRAFT SERVICES 

11/15/2018
Tach: 1904.3

Performed the following maintenance:

1. Removed the Landing Light HID Light Ballast (P/N: LSM-SCD-019-5; S/N: 55109) and installed a new Ballast (P/N: LSM-SCD-019-5; S/N: 64575). Functional checks found to be satisfactory.
2. Serviced the Tires to specifications.

All work was performed with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO #14406.

Daytona Aircraft Services, Inc.
561 Pearl Harbor Drive
Daytona Beach, Florida 32114

Authorized Signature: 

FAA CRS DYTR262K

-----END-----

Model SR20
S/N 2074
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. Removed and re-installed RH elevator tip for paint.
Complied with 50 hour NLG inspection IAW **SB2X-32-22R2**. Removed and replaced NLG oleo strut P/N 27057-002.



3731415 A&P

July 30, 2019

N378TT	CIRRUS SR20	S/N 2074	FLIGHT 1981.1 Hrs	Hobbs 2425.8 Hrs
Continental	IO-360-ES(22)B	S/N 1003357	FLIGHT 1981.1 Hrs	Hobbs 2425.8 Hrs
MT	MTV-12-D	S/N 141042	FLIGHT 1981.1 Hrs	Hobbs 2425.8 Hrs

Accessed aircraft and performed an annual inspection IAW FAA FAR 43 Appendix D and Cirrus MM as guides. Lubricated aircraft. Tested ELT per FAR 91.207 D1-4, found satisfactory; battery due for replacement 6/2023. Removed ELT remote battery and replaced with new P/N 28L; next due 3/2024. Removed, inspected and reinstalled #2 batteries, next due: 8/2020. Serviced #1 battery, and performed capacity test; found satisfactory at 23.62 V. Inspected brakes; rotor thickness right .350", left .350"; found satisfactory; replaced all right main and left main brake pads with new P/N PQT-010(A); performed conditioning and found brake system satisfactory. Serviced tires with air, outgoing air pressure - right 75 PSI, nose 42 PSI, left 75 PSI. Dynamically balanced wheel assemblies, outgoing balance - right .001 IPS, nose .007 IPS, left .007 IPS; found satisfactory. Serviced brake reservoir. Tightened pilot side right brake line, banjo fittings and line fittings; leak check good. Cleaned brake line and firewall with alcohol. Checked security of main landing gear upper bracket for excess free play; next check due at 2925.8 flight hrs. Disassembled, cleaned nose wheel yoke bearings, replaced bushings with 1 new P/N 50543-001, and 1 P/N 50544-001; reassembled with new castle nut, thrust washer, and tensioned nose castor system to 32lbs. Checked cable tensions; found satisfactory. (Page 1 of 2)

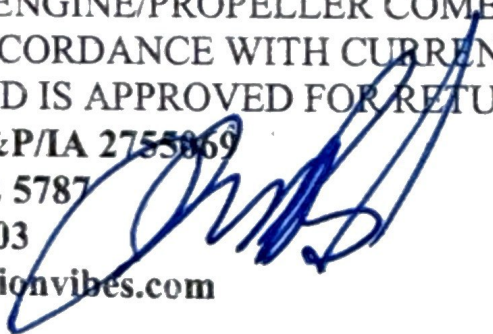
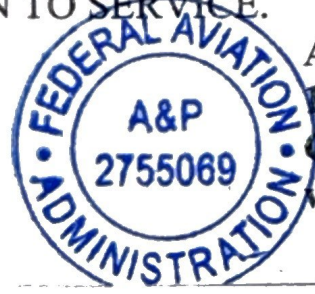
YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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(Page 2 of 2)

Tightened co-pilot side elevator torque tube Hi-lok hardware; reapplied torque stripe. Removed rudder rear rod end, and replaced with new P/N 11315-004, installed rod end bolt and new castle nut P/N MS17825-4. Replaced pitch trim spring cartridge bushings with 1 new P/N 50200-001, and 2 new P/N 11268-001. Removed hardware securing flaps to flap links, removed hardware securing flap actuator to torque tube, replaced 3 torque tube bushings with new P/N TFI-2022-20; removed flap actuator and replaced 2 flap actuator bushings with new P/N 50649-001; reinstalled flap actuators, trimmed torque tube spacers, reinstalled flap links, and replaced right and left flap link rod ends with 4 new P/N 11314-004; replaced safeties and cotter pins; rigging check found good. Replaced bearings on left aileron control arm with new P/N KP3A; replaced bolt on left aileron control arm with new P/N AN3H-22A; secured with new safety wire. Loosened bolt on right aileron control arm and re-secured with safety wire. Cleaned and lubricated throttle quadrant. Removed and cleaned gascolator; checked lines for security; reinstalled. Weighed fire extinguisher - 504 grams, found satisfactory. No ADs require compliance at this time. Closed aircraft. (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

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YEAR	RECORDING TAGS	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations			Number of Entries
2019	July 30, 2019 N378TT	CIRRUS SR20 G3	S/N 2074	FLIGHT 1981.2 Hrs	Hobbs 2426.5 Hrs		
	CONTINENTAL	IO-360-ES(22)B	S/N 1003357	FLIGHT 1981.2 Hrs	Hobbs 2426.5 Hrs		
	MT	MTV-12-D	S/N 141042	FLIGHT 1981.2 Hrs	Hobbs 2426.5 Hrs		
<p>Accessed aircraft, adjusted temperature control to fully close the hot air off when the air vent is open. Closed aircraft. (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.</p>							
<p>JIM BARKER A&P/IA 2755069 Hangar (715) 822 5787 Cell (715) 491 1303 Email jim@aviationvibes.com</p>						<p>AVIATION RESOURCES, LLC 101 Airport Ave, Hangar #7 Cumberland, WI 54829 www.aviationvibes.com</p>	
2019	July 31, 2019 N378TT	CIRRUS SR20 G3	S/N 2074	FLIGHT 1982.0 Hrs	Hobbs 2427.3 Hrs		
	CONTINENTAL	IO-360-ES(22)B	S/N 1003357	FLIGHT 1982.0 Hrs	Hobbs 2427.3 Hrs		
	MT	MTV-12-D	S/N 141042	FLIGHT 1982.0 Hrs	Hobbs 2427.3 Hrs		
<p>Accessed aircraft. Performed test flight and recalibrated AOA. Closed aircraft. (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.</p>							
<p>JIM BARKER A&P/IA 2755069 Hangar (715) 822 5787 Cell (715) 491 1303 Email jim@aviationvibes.com</p>						<p>AVIATION RESOURCES, LLC 101 Airport Ave, Hangar #7 Cumberland, WI 54829 www.aviationvibes.com</p>	


1. Approving Civil Aviation Authority/Country: FAA/United States	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3 Form Tracking Number 20-086MT
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Organization Name and Address MT-Propeller USA, Inc. 1180 Airport Terminal Dr. DeLand, FL 32724	FAA Approved Repair Station Q4MR908Y	5. Work Order/ Contract/Invoice Number: 20-086MT
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6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Aircraft Propeller	MTV-12-D/188-59b	1	141042	Overhauled

12. Remarks:
Overhauled propeller in accordance with W/O # 20-086MT and Overhaul Manual E-220Rev42.
Blades were overhauled, leading edges were not replaced
Blade S/N: 1) AFI-54867 2) AFI-54868 3) AFI-54869
Year of Manufacture: 2014
Propeller TSN: not provided TSO:0.0 Hrs
TCDS: P25NE

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-Approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.
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13b. Authorized Signature:	13c. Approval/ Authorization No.:	14b. Authorized Signature: 	14c. Approval /Certificate No.: Q4MR908Y
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): Peter Marshall, Chief Inspector	14e. Date (dd/mm/yyyy): 17/Mar/2020

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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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

1-22-2020 Hobbs:2486.3hrs Flt Hr:2030.3hrs Installed new oil cap assembly

Bryan M Wood A&P3216290 

Southeast Aero Services Inc.

St Augustine, FL.

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

Cirrus SR-20

s/n:2074

N378TT

1-22-2020 Hobbs:2486.3hrs Flt Hr:2030.3hrs. Accessed elevator control, pitch trim control and autopilot pitch control systems. Performed detailed inspection of components, verified elevator travel limits, cable tensions and elevator tip gap in spec. Systems function check normal with no binding/abnormalities. Inspected AHRS 1 / GIA1 supporting structure, surrounding components to include connectors, wiring and plumbing with no defects noted. Downloaded flight servo logs and submitted to Garmin/Cirrus for evaluation. Downloaded aircraft RDM data and submitted to Flight Safety for evaluation. Reassembled access/inspection and upholstery panels removed for inspection using new hardware. Aircraft ground run completed, systems function/indicate normal. Aircraft flight check completed with normal function, indications throughout flight profile.

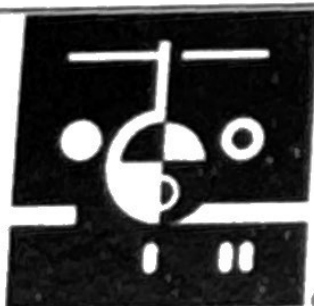
Bryan M Wood A&P3216290 

TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



**DUNCAN
AVIATION**

Reg #:	N378TT	Date:	03-Nov-20
Make:	Cirrus	Hobbs:	2564.8
Model:	SR20	Flight:	2096.5
Serial:	2074	Work Order:	7RCXA

- A) 24 Month IFR Certification of the Aircraft Static Pressure and Transponder Systems:
- 1) The ADC, Altimeter, and static pressure system Tests and Inspections and automatic pressure altitude reporting system required by Title 14 CFR 91.411 and the ATC Transponder Test and Inspection required by Title 14 CFR 91.413 have been performed and found to comply with Title 14 CFR Part 43, Appendices (E) and (F). All units and systems tested to 20,000 feet.
 - a) #1 ADC GDC74A, P/N 011-00882-10, S/N 20606516
 - b) Standby Altimeter P/N 5934AD-3, S/N 479888
 - c) Transponder GTX-33, P/N 011-00779-30, S/N 89120706

The above described repair or maintenance is approved for return to service. Pertinent details of this repair/maintenance are on file at this repair station under Work Order # 7RCXA.

Signed:

DUNCAN
Q1 1263

03-Nov-2020

For Duncan Aviation CRS DXSR467X Phone: 651-209-8430

YEA
20
DAT




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

N378TT		AIRFRAME LOG BOOK ENTRY				12/8/20	
Cirrus	SR20	S/N 2074	Flight	2096.5	Hobbs	2564.8	
Continental	IO 360 ES(22)B	S/N 1003357	TSOH	0.0	Hobbs	2564.8	
MT	MTV-12-D	S/N 141042	TTP	584.6	Hobbs	2564.8	

PAGE 1 OF 3

Accessed aircraft and performed an annual inspection IAW FAA FAR 43 Appendix D and Cirrus MM as guides. Lubricated aircraft. Tested ELT per FAR 91.207 D1-4, found satisfactory; battery due for replacement 6/2023. Removed and replaced #2 batteries with new P/N NP7-12T, next due: 12/2022. Serviced #1 battery, and performed capacity test; found satisfactory at 23.58 VDC. Serviced wheel bearings. Inspected brakes; rotor thickness right .353", left .349"; found satisfactory; brake pad thickness right .292", left .298"; found satisfactory. Serviced tires with air, outgoing air pressure - right 75 PSI, nose 45 PSI, left 75 PSI. Dynamically balanced wheel assemblies, outgoing balance - right .009 IPS, left .006 IPS; found satisfactory. Serviced brake reservoir. Disassembled, cleaned nose wheel yoke bearings, reassembled with new castellated nut and thrust washer; tensioned nose castor system to 32 lbs. Checked cable tensions; found satisfactory. Removed and re-installed horizontal stabilizer after paint repair by Midwest Aircraft Refinishing; found satisfactory. Completed front strut visual and dye penetrant inspection IAW MM; found satisfactory. Removed Whelen lights; attached L brackets to base of lights and attached lightning protection grounding strap to lights; re-installed.

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AVIATION RESOURCES
101 Airport Ave, Hangar 7
Cumberland, WI 54829

N378TT	AIRFRAME LOG BOOK ENTRY					12/8/20	
Cirrus	SR20	S/N 2074	Flight	2096.5	Hobbs	2564.8	
Continental	IO 360 ES(22)B	S/N 1003357	TSOH	0.0	Hobbs	2564.8	
MT	MTV-12-D	S/N 141042	TTP	584.6	Hobbs	2564.8	

PAGE 2 OF 3

Removed and replaced pilot and co-pilot side arm rests. Removed left elevator; replaced both hinge pins P/N 11621-002, and middle bushing P/N 50224-001; re-installed elevator. Replaced pilots and co-pilots left brake master cylinders with new P/N 11479-002. Sealed right fuel tank naca vent using fuel tank sealant. Cleaned nose strut and applied flap tape P/N 76485A999 to chafing spots. De-fueled left wing; removed fuel senders; inspected for debris in tank; sprayed out tanks with air; re-installed senders and fuel. Removed left magneto and ignition harness. Installed Surefly Partners Ltd. Electronic ignition module, model SIM6C Rev IR, S/N 6C-2620009 – IAW SA04378CH and AML dated 2/15/19, installation instructions Doc No SF2001, Rev IR. POH supplement. Installed new ignition harness to all lower spark plugs. Manifold Pressure reference is NOT installed. See FAA 337 form dated 12/8/20.

YEAR
20
01

RECORDING
TACH

TODAY'S
FLIGHT

TOTAL
TIME IN

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name Rating and Certificate Number of



AVIATION RESOURCES
101 Airport Ave, Hangar7
Cumberland, WI 54829

N378TT

AIRFRAME LOG BOOK ENTRY

12/8/20

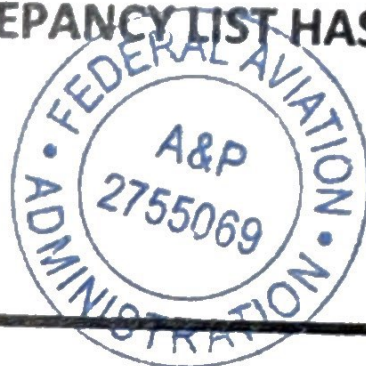
Cirrus	SR20	S/N 2074	Flight	2096.5	Hobbs	2564.8
Continental	IO 360 ES(22)B	S/N 1003357	TSOH	0.0	Hobbs	2564.8
MT	MTV-12-D	S/N 141042	TTP	584.6	Hobbs	2564.8

PAGE 3 OF 3

Applied flap tape to left and right flaps to prevent chafing in wing coves. Cleaned and lubricated throttle quadrant. Removed and cleaned gascolator; checked lines for security; reinstalled. Weighed fire extinguisher - 504 grams, found satisfactory. **Installed new flight meter** P/N 17174-001 and hobbs meter P/N 36644-003 for TSOH due to overhaul of engine. No ADs require compliance at this time. Closed aircraft. (Refer to Job #378TT7 for details.)

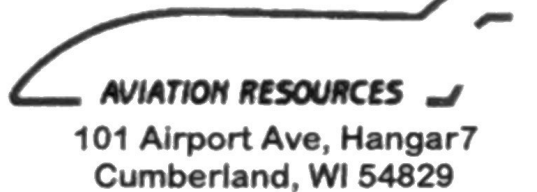
THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION, AND IS NOT APPROVED FOR RETURN TO SERVICE. A DISCREPANCY LIST HAS BEEN GIVEN TO OWNER.

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



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

YEAR
20
DATE

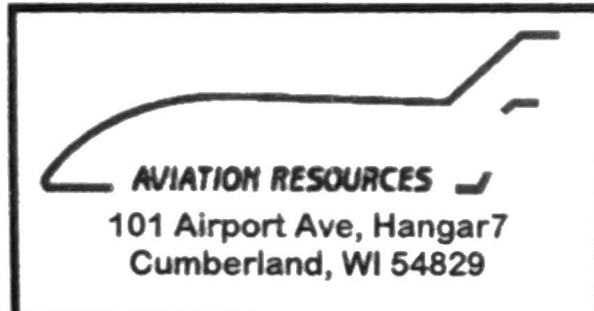


N378TT		AIRFRAME LOG BOOK ENTRY				12/12/20	
Cirrus	SR20	S/N 2074	Flight	2098.6	Hobbs	2567.5	
Continental	IO 360 ES(22)B	S/N 1003357	TSOH	2.1	Hobbs	2567.5	
MT	MTV-12-D	S/N 141042	TTP	586.7	Hobbs	2567.5	

Accessed aircraft. Removed and replaced electric boost pump with serviceable/repared unit P/N 5217-00-1R S/N 0941; leak check found satisfactory. Closed aircraft. (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.

Handwritten signature



N378TT		AIRFRAME LOG BOOK ENTRY				12/14/20	
Cirrus	SR20	S/N 2074	Flight	2099 1	Hobbs	2568.2	
Continental	IO 360 ES(22)B	S/N 1003357	TSOH	2.6	Hobbs	2568.2	
MT	MTV-12-D	S/N 141042	TTP	587.2	Hobbs	2568.2	

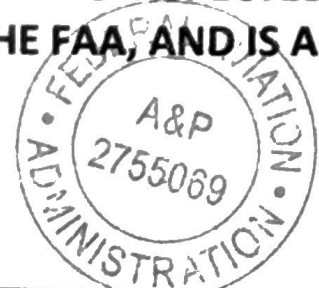
C

Accessed aircraft. Removed access panels on tail and in baggage compartment; performed servo clutch test for pitch trim system; ops check found satisfactory. Removed and cleaned pitch trim cartridge; lubricated and re-installed. Removed R/H elevator horn and tightened weights, adjusted pitch trim cartridge after installation to 9.9 down and 17.3 up at trim stops; re-installed baggage compartment and tail panels. Closed aircraft. (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

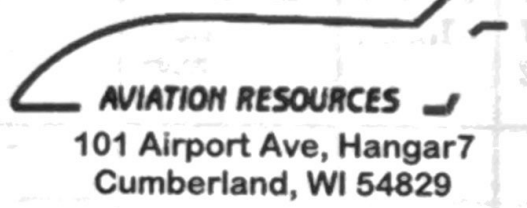
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www.aviationvibes.com

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N378TT	AIRFRAME LOG BOOK ENTRY					12/17/20	
Cirrus	SR20	S/N 2074	Flight	2103.0	Hobbs	2573.1	
Continental	IO 360 ES(22)B	S/N 1003357	TSOH	6.5	Hobbs	2573.1	
MT	MTV-12-D	S/N 141042	TTP	591.1	Hobbs	2573.1	

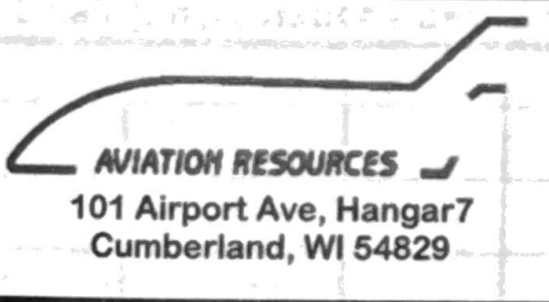
Accessed aircraft. Removed and replaced co-pilot side center console panel with new P/N 12221-110. Removed and replaced radio stack surround with new P/N 21906-003 using VHB tape P/N S-10106. Closed aircraft. (Refer to Job #378TT7 for details.)

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

[Signature]

AVIATION RESOURCES, LLC
Hangar (715) 822-5787



N378TT	AIRFRAME LOG BOOK ENTRY					12/21/20	
Cirrus	SR20	S/N 2074	Flight	2104.0	Hobbs	2579.0	
Continental	IO 360 ES(22)B	S/N 1003357	TSOH	7.5	Hobbs	2579.0	
MT	MTV-12-D	S/N 141042	TTP	592.1	Hobbs	2579.0	

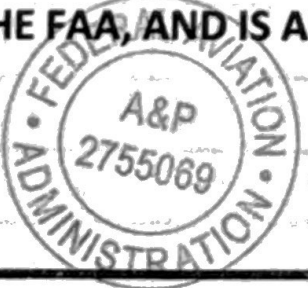
Accessed aircraft. Complied with CSB 2X-32-25 by inspecting pneumatic strut; found satisfactory; no further action required. Closed aircraft. (Refer to Job #378TT7 for details.)

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

[Signature]

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www.aviationvibes.com



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N378TT	ENGINE LOG BOOK ENTRY				12/23/20	
Cirrus	SR20	S/N 2074	Flight	2104.3	Hobbs	2579.5
Continental	IO 360 ES(22)B	S/N 1003357	TSOH	7.8	Hobbs	2579.5
MT	MTV-12-D	S/N 141042	TTP	592.4	Hobbs	2579.5

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i.)

Removed cowling. Swapped harness to run in crossfire configuration; timed both SureFly (right) and magneto (left) to 24°. Ground run found satisfactory. Closed cowling. (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



AVIATION RESOURCES, LLC

Em:



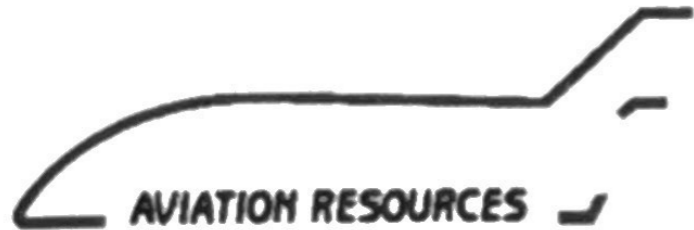
4505 Airport Approach Rd. Duluth, MN 55811
218-727-2911
Cirrus Authorized Service Center

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om

Date 2/03/2021 Aircraft N378TT Type SR20 S/N 2074 Hobbs 2581.80 Tach. 9.40 Total Time
Shop Order # 21-11015
Complied with SB2X-95-19R3 CAPS rocket motor assembly replacement Removed parachute assy P N 25337
-002 S N 0071 and Rocket assy 25363-001 S/N 0076 Replaced with rebuilt and repacked parachute assy
P N 29574-003 S/N 0029R1 Mfg date 06/Oct.2020 Canopy Color Org/Wht Reference 8130-3 dated
06/OCT 2020 Replaced Rocket motor and ignitor assy with new P N 29554-403 S/N 4119 Mfg date
Sept 30 2020 Reinstalled reefing line cutters P N 26707-001 S/N's 9156 & 9027 All work done IAW CDC
CAPS Component Maint Manual and SB2X-95-19R3 Parachute next due for replacement Oct 6, 2030 Rocket
and ignitor next due Sept 30, 2030 Reefing line cutters Mfg date 01 16 next due 01 31 2022 work performed
IAW SB instructions Installed POH Revision TPOH 13-06R1 and TPOH 15-13 in POH Updated Weight and
Balance as per SB2X-95-19R3 work performed IAW Component Maintenance Manual
Removed old MCU140 P N 19800-003 S N 3425
Installed new MCU140 P N 19800-005 S/N 00688
Engine run up and ops check of all aircraft systems ok No CAS messages noted at this time

Signature
Rick Hagberg A&P 3258908

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

N378TT

AIRFRAME LOG BOOK ENTRY

2/18/21

Cirrus	SR20	S/N 2074	Flight	2107.0	Hobbs	2582.8
Continental	IO 360 ES(22)B	S/N 1003357	TSOH	10.5	Hobbs	2582.8
MT	MTV-12-D	S/N 141042	TTP	595.1	Hobbs	2582.8

Accessed aircraft. Removed and replaced ELT remote battery with new P/N 28L; next due for replacement 02-2026. Removed seats and replaced pilots and co-pilots seat inflator assemblies with new using P/N's 20902-005, 20902-006, 20902-007, and 20903-008; MFG date of A0919; replaced co-pilots energy absorption module with new P/N 14152-004; re-installed seats. Applied new door foam seal to top of both cabin doors. Removed and re-sprayed R/H dash with plasti dip; re-installed with new trim decals P/N 12391-002. Closed aircraft.

(Refer to Job #378TT7 for details.) *Due Next: 09-2029*

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

Southeast Aero Services Inc.

St Augustine, FL

YEAR

20

DATE



**DUNCAN
AVIATION**

Reg #:	N378TT	Date:	29-Jul-2021
Make:	Cirrus	Hobbs:	2675.4
Model:	SR20	Flight:	87.5
Serial:	2074	Work Order:	8A67A

Removed GCU 478 P/N 011-01757-00, S/N 193005219 and installed Overhauled GCU 478, P/N 011-01757-00, S/N 193005387. Loaded software and configuration. System Test Satisfactory IAW Garmin Cirrus Perspective Line Maintenance Manual.

The above described repair or maintenance is approved for return to service. Pertinent details of this repair/maintenance are on file at this repair station under Work Order # 8A67A.

Signed:

DUNCAN
01 1263

29-Jul-2021

For Duncan Aviation CRS DXSR467X Phone: 651-209-8430



AVIATION RESOURCES

101 Airport Ave, Hangar 7
Cumberland, WI 54829

N378TT	AIRFRAME LOG BOOK ENTRY				7/29/21	
Cirrus	SR20	S/N 2074	Flight	87.5	Hobbs	2675.2
Continental	IO 360 ES(22)B	S/N 1003357	TSOH	87.5	Hobbs	2675.2
Hartzell	MTV-12-D	S/N 141042	TTP	695.0	Hobbs	2675.2
PAGE 1 OF 2						

Accessed aircraft and performed an annual inspection IAW FAA FAR 43 Appendix D and Cirrus MM as guides. Lubricated aircraft. Tested ELT per FAR 91.207 D1-4, found satisfactory; battery due for replacement 6/2023. Removed, inspected, and re-installed #2 batteries; due for replacement 12/2022. Serviced #1 battery with distilled water and charged; performed capacity test and found satisfactory at 23.59 VDC. Serviced wheel bearings. Inspected brakes; rotor thickness right .346", left .346"; found satisfactory; brake pad thickness right .098", left .110"; found satisfactory. Serviced tires with air, outgoing air pressure - right 75 PSI, nose 50 PSI, left 75 PSI. Replaced both main tires with new P/N 025-501-1 and replaced o-rings with new P/N J-JTR-007N. Dynamically balanced main wheel assemblies, outgoing balance - right .006 IPS, left .007 IPS; found satisfactory. Serviced brake reservoir. Disassembled, cleaned nose wheel yoke bearings, reassembled with new thrust washer; tensioned nose castor system to 35 lbs. Checked cable tensions; found satisfactory. Cleaned and treated upper nose gear with corrosion preventative.



AVIATION RESOURCES

101 Airport Ave, Hangar7
Cumberland, WI 54829

N378TT

AIRFRAME LOG BOOK ENTRY

7/29/21

Cirrus	SR20	S/N 2074	Flight	87.5	Hobbs	2675.2
Continental	IO 360 ES(22)B	S/N 1003357	TSOH	87.5	Hobbs	2675.2
Hartzell	MTV-12-D	S/N 141042	TTP	695.0	Hobbs	2675.2

PAGE 2 OF 2

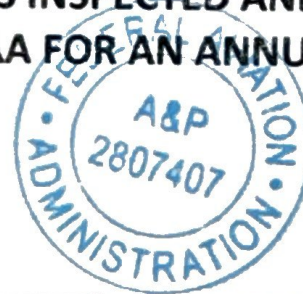
Re-torqued bolts on pilot control aileron rod end attach bracket. Replaced pilot seat R/H seat pin with new P/N 17075-020. Cleaned and lubricated throttle quadrant. Removed and cleaned gascolator; checked lines for security; reinstalled. Weighed fire extinguisher - 502 grams, found satisfactory. No ADs require compliance at this time. Closed aircraft. (Refer to Job #378TT9 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.

SCOTT STANDAERT A&P/IA 2807407

Cell (715) 491-1303

Email jim@aviationvibes.com



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

Southeast Aero Services Inc.

St Augustine, FL.

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

S/N: 2074

Hobbs: 2716.8 hrs.

N378TT

Fit Hr: 132.6 hrs.

Cirrus SR-20

13 October 2021

Complied with mandatory Cirrus service bulletin, SB2X-32-26 "Nose Landing Gear Strut Assembly Inspection". Performed dye penetrant inspection of nose landing gear strut assembly IAW Cirrus AMM 32-20. No cracks detected. Next inspection due @ 182.6 Ft. Hr. Serviced nose tire to 35psi. and main tires to 65psi.

Robert J. Weber A&P3824115

YEAR
20
DATE

RECORDING
TACH

TODAY'S
FLIGHT

TOTAL
TIME IN

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of
(ies.)

wo: WO_788



Airframe page 1 of 2

Carolina Aero Tech LLC · 85 Summit Drive · Hiltonhead, SC 29926 843-816-2650

N378TT

FLIGHT TIME: 229.3

CIRRUS DESIGN CORP, SR20, S/N: 2074

ACTT: 2325.8

HOBBS: 2817.5

June 10, 2022

TTSN: 2817.5

1. Performed 100 Hour inspection Per Cirrus MM 5-20.
2. Test and inspect ELT Per 91.207(d) Battery EXP 06/2023.
3. Removed main ground connection at oil filter adaptor mounting bolt. cleaned paint from engine case and ground strap. Tested ground resistance (less than .030ohm). Performed runup, Com and inter-com system clean with no RF noise.
4. Replace Both MLG Brake pads and test operation. Installed (2) P/N PQT-010(A) - Bearer Brake Pad kit.
5. Checked AD's Though TDATA Cycle 2022-12 No AD's Due at this time.
6. CW SB2x-32-26 Strut Gusset weld inspection. No Defects noted NEXT DUE TACH 329.3.-
7. Reefing Line Cutters NEXT DUE 10/2022.
8. ELT Remote Battery NEXT DUE 03/2023.
9. Backup Batteries NEXT DUE 12/2022.
10. Parachute Repack NEXT DUE 10/2030.
11. Rocket Replacment NEXT DUE 10/2030.

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TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



Thermal Systems

N378TT SR20 S/N 2074 Hobbs: 2699.6 17 Sept 2021
AIRFRAME

Removed and replaced air conditioning climate controller with new PN CB2, SN 212200307 03 in accordance with Kelly Aerospace installation manual NC-14-022 Rev J. System operational check normal. Weight and balance not affected.

A handwritten signature in cursive script that reads 'Jeff Barlett'.

Jeff Barlett
A&P 3373810
1625 Lost Nation Rd. Willoughby, OH 44094

Handwritten initials 'JVB' above a signature that appears to be 'JVB' or similar.

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of (ies.)

wo: WO_788

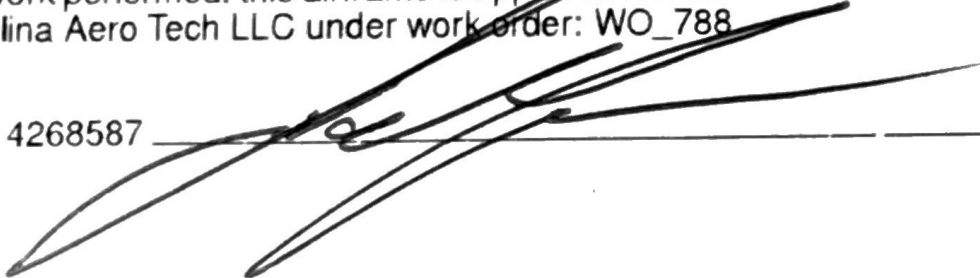
Airframe : page 2 of 2

CAROLINA AERO TECH

Carolina Aero Tech LLC 85 Summit Drive Hiltonhead, SC 29926 · 843-816-2650

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO_788

Jason Gruener A&P 4268587



I Certify that this Aircraft has been inspected in accordance with an Annual inspection with the scope and detail of FAR 43 Appendix D and found to be in airworthy condition.

John D. Hood AP 1836948 FA



YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

MAKE Cirrus Design Corp
MODEL Sr20
S/N 2074
REG NO N378TT
WORK ORDER ISM10038-07-2022



CIRRUS Cirrus Factory Service Center
AIRCRAFT

4134 Aviation Drive
Kissimmee, FL 34741

DATE 7/13/2022
A/C TSN ~~2840~~ 1839,2
TACH 249.9

Airframe Entries

- (4) Performed research of the aircraft logbooks for applicable Airworthiness Directives through bi-weekly 2022-14.
- (5) Performed research of the aircraft records for any mandatory service bulletins that are due.
- (8) Performed a 50 HR servicing of this aircraft in accordance with the Cirrus Aircraft SR-20 AMM Chapter 05-20 scheduled maintenance checklist.
- (14) Tested headsets on post maintenance run IAW Cirrus SR-20 AMM 23-50. No noise found.
- (15) Removed line cutters and replaced with new line cutter kit PN 25347-002. S/N 20879. S/N 20931. MFG date 5/2022. IAW Cirrus component MM 95-01 Next due 5/2028
- (17) Secured RH Cabin air duct panel trim IAW Cirrus SR20 AMM 25-10.
- (20) Removed damaged gascolator snap ring and installed a new snap ring IAW Cirrus SR20 AMM 28-20.
- (22) Removed and installed AC system components for line cutter replacement IAW AC 43.13-1B
- (24) Removed Governor and inspected screen, no defects noted reinstalled governor IAW SR20 AMM 61-20.

DATE 7/13/2022

SIGNED:

John Goebel A&P 3075199

Work Order: ISM10038-07-2022

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus Design Corp
MODEL Sr20
S/N 2074
REG NO N378TT
WORK ORDER ISM10106-09-2022



CIRRUS Cirrus Factory Service Center
AIRCRAFT

4134 Aviation Drive
Kissimmee, FL 34741

DATE 9/20/2022
A/C TSN 2843.8
TACH 251.3

Airframe Entries

- (4) Removed ALT1 S/N H-U031706 And Installed New ALT1 P/N 50933-001, S/N H-R081975 IAW Cirrus Aircraft SR20 AMM Chapter 24-30. ALT1 Operation Check Good.

DATE 9/20/2022

SIGNED:

Andres Balde A&P 4049963

Work Order: ISM10106-09-2022

Printed by EBis 3 (datcomedia.com)

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE Cirrus Design Corp
 MODEL Sr20
 S/N 2074
 REG NO N378TT
 WORK ORDER ISM10124-10-2022


 **CIRRUS** Cirrus Factory Service Center
 4134 Aviation Drive
 Kissimmee FL 34741

DATE 10/11/2022
 A/C TSN 2863 8
 TACH 268 9

Airframe Entries

- (4) Removed RH old Wheel and tire assy, Wheel PN 31493-001 SN 5198 Tire PN 14075-009 SN 726100196. Installed new wheel PN 31493-001 SN 15427 and tire PN 31493-001 SN 2081T00191. IAW Beringer CMM SM-02 And Cirrus SR20 AMM 32-41.
- (5) Removed LH old Wheel and tire assy, Wheel PN 31493-001 SN 5199 Tire PN 14075-009 SN 824050042. Installed new wheel PN 31493-001 SN 15446 and tire PN 31493-001 SN 2080T00102 IAW Beringer CMM SM-02 And Cirrus SR20 AMM 32-41.
- (6) Complied with Beringer SB-019 for brake back stops.

DATE 10/11/2022

SIGNED: 
 Israel Lopez Ramos A&P 3629553

Work Order: ISM10124-10-2022

Printed by EBis 3 (datcomedia.com)

Southeast Aero Services Inc.

St Augustine, FL.

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

S/N: 2074

Hobbs: 2877.5 hrs.

N378TT

Flt Hr: 280.6hrs.

Cirrus SR-20
 18 November 2022

Removed and painted flaps; reinstalled and secured. Ops check OK. Removed, filled and painted nonstructural cracks on inboard perimeter of co-pilot door. Reinstalled and secured co-pilot door. Touch up paint applied to, fwd fuselage, fwd belly, baggage, elevator and pilot door. Removed wheel fairings and touch up painted, reinstalled and secured. Removed and painted pilot and copilot grab handles; reinstalled and secured.

Richard Evans A 3491690 

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE Cirrus Design Corp
MODEL Sr20
S/N 2074
REG NO N378TT
WORK ORDER ISM10421-06-2023



CIRRUS Cirrus Factory Service Center
AIRCRAFT

Repair Station No 9B0D988C
4134 Aviation Drive
Kissimmee, FL 34741
Phone 689-244-5221

DATE 7/20/2023
A/C TSN 3000 2
HOBBS 3000 2

Airframe Entries

- (4) Performed an annual inspection of this aircraft in accordance with the Cirrus Aircraft SR-20 AMM Chapter 05-20 inspection checklist
- (10) Complied with inspection of the ELT in accordance with 91.207(d). Battery due date: 09/2030.
- (11) Inspected and weighed the fire extinguisher. Recorded weight: 545 6 grams.
- (12) Performed research of the aircraft logbooks for applicable Airworthiness Directives through bi-weekly 2023-13. There are no ADs that require compliance at this time
- (13) Performed research of the aircraft records for any mandatory service bulletins that are due.
- (19) Complied with Nose Landing Gear Strut Assembly Inspection IAW SB2X-32-26
Next due at 485 1 hrs.
- (20) Removed Battery 2 PN: 50979-001 Installed New battery 2 PN: 50979-001, IAW Cirrus SR20 AMM 24-30
- (22) Removed ELT battery pack PN: 455-0012 SN: 368043-053. Installed new ELT battery pack PN: 455-0012 SN: 1002348-049, IAW Cirrus SR20 AMM 25-60 and Artex MM 571-0406M Revision M. Next due: 09/2030
- (26) Bonded RH MLG upper fairing grommet IAW Cirrus SR20 AMM 32-10.
- (27) Bonded LH MLG upper fairing grommet IAW Cirrus SR20 AMM 32-10.
- (29) Secured CAPS retaining screws with safety wire in a positive orientation IAW Cirrus SR20 AMM 20-50
- (31) Removed RH brake pads P/N: 31392-105. Installed new RH brake pads P/N: 31392-105 IAW Cirrus SR20 AMM 32-42.
- (32) Removed LH brake pads P/N: 31392-105 Installed new LH brake pads P/N: 31392-105 IAW Cirrus SR20 AMM 32-42.
- (33) Removed Induction Air Filter PN: 50207-200 and Installed New Induction Air Filter PN: 50207-200 IAW Cirrus SR20 AMM 71.60
- (34) Removed main battery PN: RG24-15M, SN: 40952814. Install New Main Battery PN: RG24-11M, SN: 41304097, IAW Cirrus SR20 AMM 24-30
- (35) Removed portable cabin fire extinguisher PN: RT-A400. Installed New portable cabin fire extinguisher PN: RT-A400 IAW Cirrus SR20 AMM 26.20
- (44) Complied with 3yr/1000hr GSA81 Pitch servo inspection.
- (45) Complied with 3yr/1000hr GSA81 Roll servo inspection.
- (47) Stop drilled cracks on leading edge of RH Horizontal Stabilizer fairing IAW AC43.13-1B 3-24

MAKE Cirrus
MODEL SR20
S/N 2074
REG. NO. N378TT

ADVANCED **flyADVANCED**
FAA Cert: 5T2R901C
530 Airport Rd.
Lititz, PA 17543

W/O # 10189-07-2024
DATE 08-02-2024
A/C TT 2557.4
Flight: 460.9
Hobbs: 3101.4

Airframe Entries

Annual Airframe Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. Removed and replaced the induction air filter with new P/N: BA-24. Complied with 12 month cockpit portable fire extinguisher weight check and inspection. Complied with Battery #1 capacity test, battery passed. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 09-2030. All AD's current thru release 2024-15... C/W SB 2X-32-26 Nose Landing Gear Strut Assembly Inspection, no defects noted... Removed and replaced the EMA Controller with new P/N: 20902-001, S/N: A23MAY24-42, controller tested with AMSAFE AAIR test box, no defects noted. Next due replacement 05-2031... C/W 500 hour Engine Mount Recommended Torque Check, next due Flight: 960.9... C/W Alpha Systems AoA annual ICAs referencing Alpha Systems operations manual Document P#AOA-8610... C/W Kelly Aerospace Thermal Systems A/C System 12 month ICAs IAW Kelly Aerospace Thermal Systems Document # NC-14-024... Installed FAA-PMA approved Reiff engine pre-heat system P/N: SS6 IAW the Reiff Hotband Cylinder Heating System Installation Instructions. Operational check of pre-heater performed, no defects noted. Weight & Balance Revision placed in Pilot Operation Handbook (POH) - Section 6... Disassembled CAPS System diagnostic P2700 connector, cleaned and re-assembled. Completed CAPS System Inspection / Check & Electronic Ignition Checkout Procedure IAW Cirrus AMM 95-00... Removed and re-installed the left & right elevator assemblies IAW Cirrus AMM 57-50 after replacement of the outboard and middle hinge pins (4) P/N: 11621-002 & bushings (4) P/N: 50224-001... Removed and replaced the rudder push pull tube forward rod end with new P/N: 11315-004... Removed and re-installed the nose landing gear fork assembly after cleaning the Spindle Cup, adjusted NLG spindle cup tension as required IAW Cirrus AMM 32-20... Removed and re-installed the left & right aileron assemblies IAW Cirrus AMM 57-50 after re-torque and safety of the aileron actuation arms... Re-torqued the NLG strut to firewall attach hardware with reference Cirrus AMM 32-20... Removed and replaced the right cabin entry door gas strut assembly with new P/N: 18200-005 IAW Cirrus AMM 52-10... Removed and replaced " " aileron gap seal with new P/N: 14390-003-05 (Sterling Silver) IAW Cirrus AMM 57-50... Re-applied exterior sealant to the upper fuselage antennas as required... Re-torqued the propeller governor head cover attach hardware, operational run-up leak check ok at this time... Removed and re-installed the left and right exhaust collectors IAW Cirrus AMM 78-10 after weld repair of the collector brackets, re-installed with new collector bolts (2) P/N: AN4C32... Removed and replaced the Alternator #2 Field Control Module with new P/N: 44031-001, S/N: 04204 IAW Cirrus AMM 24-30... Removed and replaced Alternator #2 with overhauled unit P/N: ES-4029R, S/N: A220312 IAW Cirrus AMM 24-30, installed with new gasket... Removed and re-installed propeller with new o-ring IAW Cirrus AMM 61-10 after replacement of the Alternator #1 drive belt P/N: 657504, adjusted the drive belt tension IAW Cirrus AMM 24-30... Removed and replaced the pilot yoke control elevator actuation push pull tube fwd rod end with new P/N: 11315-004... Removed and replaced the left and right aileron actuation push-pull tube rods ends with new (2) P/N: 11315-004 with reference to Cirrus AMM 27-10... Re-torqued the left and right yoke assembly aileron actuation brackets... C/W aileron rigging adjustment procedure IAW Cirrus AMM 27-10 for proper travels, cable tensions and stop engagements... Removed and replaced the NLG tire with new P/N: 025-309-0, S/N: 4068T00356 IAW Beringer MM-02-002, wheel assembled with new o-ring. Wheel & tire assembly re-installed IAW Cirrus AMM 32-41... Removed and replaced the left nose landing gear wheel bearing with P/N: 31492-104 IAW Beringer MM-ETSO-002... Completed adjustment of the air mixing chamber temperature control linkage IAW Cirrus AMM 21-60 for proper travel... Removed and replaced the left & right MLG tires with new (2) P/N: 025-501-0, S/Ns: 3149T00165 & 3285T00141 IAW Beringer MM-02-002, wheels assembled with new o-rings. Wheel & tire assemblies re-installed IAW Cirrus AMM 32-41... Serviced tires IAW Cirrus AMM 12-10

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

DATE: 08-02-2024

SIGNED:

Joshua J. Ferry
FAA Cert: 5T2R901C

WORK ORDER: 10189-07-2024
Printed by EBIS (EBISCloud.com)

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL No: 2074

REGISTRATION NO: N378TT

Date: 12/10/2024

Work order: 24-11-004

Total Time: 3123.3

Tach Time: ~~4566~~ 2579.3

AK
A+P
4545345

1. Completed Annual inspection on airframe I.A.W. FAR 43 appendix D, and Cirrus maintenance manuals 05-20.
2. AD research completed using AD toolbox, dated 12/3/2024.
3. ELT inspected and tested I.A.W. 91.207 (d) per AC 91.44A ch. 1 ELT battery expires 09/2030.
4. Flight control travels and tensions checked I.A.W. Cirrus maintenance manuals and are within limits.
5. lubricated aircraft per Cirrus lubrication guide.

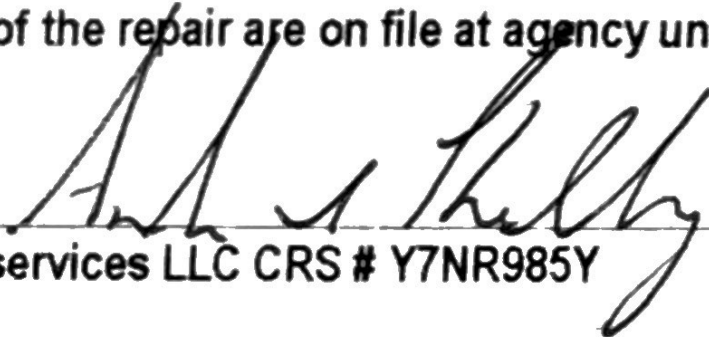
This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at agency under work order No: 24-11-004

Date: 12/10/2024

Signed: _____

For Avdyne Aeroservices LLC CRS # Y7NR985Y



RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL No: 2074

REGISTRATION NO: N378TT

Date: 12/10/2024

Work order: 24-11-004

Total Time: 3123.3

Tach Time: ~~476.6~~ 2579.3

Ak
A/P 4545345

- 6. Removed Gascolator, cleaned, inspected, and reassembled using new O-ring P/N MS29513-137, and stat-o-seal P/N NAS1523-8B I.A.W. Cirrus maintenance manuals.
- 7. Reattached CAPS system diagnostic P2700 connector I.A.W. Cirrus maintenance manuals.
- 8. Completed ICA for Kelly Aerospace thermal system I.A.W. document No. NC-14-024.
- 9. Complied with Cirrus service bulletin SB2X-32-26-R1, nose landing gear strut assembly inspection. No defects noted.
- 10. Complied with Beringer service bulletin SB028. Installed new fixation pin P/N 31392-112, and backstop P/N 31392-111 I.A.W. SB-028 and Cirrus maintenance manuals chapter 32.

This 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 agency under work order No: 24-11-004

Date: 12/10/2024

Signed: Andrew Kelly
For Avdyne Aeroservices LLC CRS # Y7NR985Y

2 of 3

Reference of Major Repairs and Major Alterations To

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

9/26/2025 N378TT Hobbs: 3130.9 Flight Hrs: 480.5

Replaced aircraft battery RG24-11M. Ground run, ops check satisfactory.

Andrew Kelly ATP 3205314

N378TT

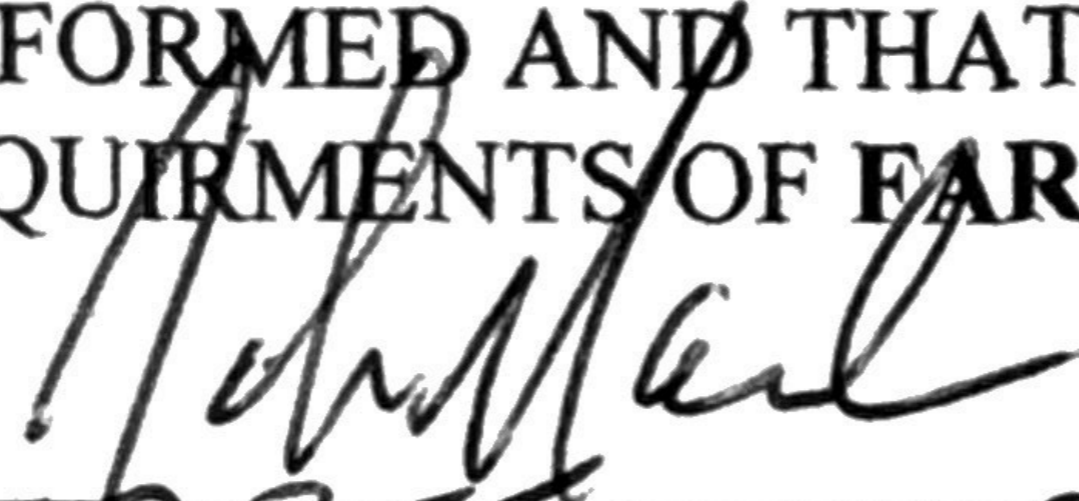
I Certify that I have inspected N378TT and have found it to be in airworthy condition for the intended one way flight from W29 to 3I7 Phillipsburg, Ohio. The aircraft is being relocated for maintenance.

Andrew Kelley ATP 4545345 *Andrew Kelley*

N378TT

I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY FAR 91.413
HAVE BEEN PERFORMED AND THAT THE EQUIPMENT MEETS THE
REQUIREMENTS OF FAR 43 APPENDIX F.

SIGNATURE



DATE

4/11/24

N

37811

TACH

3131.7

CHESAPEAKE AVIATION SERVICE, INC. C.R.S. LH 1R296K