

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
 MODEL: SR-20
 S/N: 1624
 REG. NO: 156KT
 WORK ORDER: 8413

Northwest Aircraft

Repair Station No. K5S2339N
 Keystone Aviation
 22285 Yellow Gate Lane
 Aurora, OR 97002
 Phone: 503-678-6076

DATE: 4/12/2013
 A/C TSN: 1126.2
 HOBBS: 369.8

Airframe Entries

- Performed Aircraft Annual Inspection in accordance with 14CFR Part 43 Appendix D using Cirrus SR20 Scheduled Inspection Report 05-20 as a guide.
- Performed Annual ELT inspection in accordance with 14CFR § 91.207(d). Battery Expiration date 03/2018
- Performed AD Compliance research through AD Bi-weekly 2013-07, listed due ADs below.
- Performed 2 year #2 battery replacement
- Performed 12 month Induction Air Filter replacement, Installed new BA-24 air Filter
- Performed 12 month Battery Cap Check, Passed at >85% capacity
- Cleaned and re-packed all wheel bearings, replaced all nose wheel bearing cups and cones and R/H main wheel OB cone. Flopped both main tires on the rims for efficient tire wear.
- Removed right door jam seal and R/H interior wall to allow moisture to evaporate. Re-installed seal and interior panel.
- Performed AD2008-11-18. Next due in 100 hours from Hobbs stated above
- Adjusted Rudder deflections, Ref SR20 AMM
- Aircraft cleaned and detailed externally and internally.
- Heater valve p/n 14116-402 removed, Metal Innovations CRS KW7R756N repaired the unit on WO 500222, 8130 dated 4-11-2013, installed heater valve.
- Replaced 1 well nut for R/H gear fairing

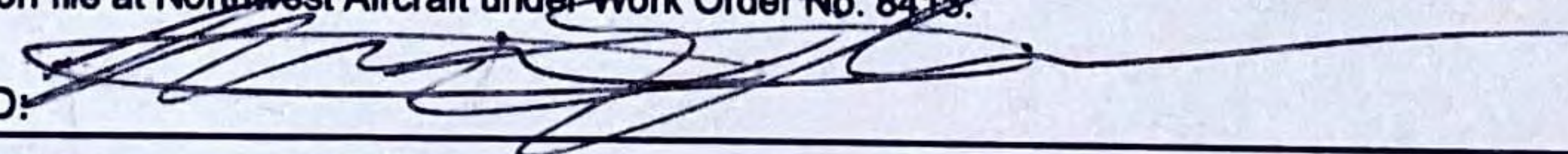
I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

Maintenance Release-

The aircraft and/or component(s) on 156KT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Northwest Aircraft under Work Order No. 8413.

DATE: 4/12/2013

SIGNED:



Matthew Sherman
 Certified Repair Station No. K5S2339N

Work Order: 8413

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YEAR
20
DATE

MAKE: Cirrus
MODEL: SR-20
S/N: 1624
REG. NO: 156KT
WORK ORDER: 8444

Northwest Aircraft

Keystone Aviation
22285 Yellow Gate Lane
Aurora, OR 97002
Phone: 503-678-6076

DATE: 5/21/2013
A/C TSN: 1158
HOBBS: 401.6

ations
per of
ntries.)

Airframe Entries

Removed #2 alternator, P/N BC410-1, S/N 0186943K. Installed Overhauled #2 alternator, S/N 1132364, from B & C Specialty Products Inc on WO# 020912-2364, Certificate #ZG9R933X. Ops Check good.

Lubed Throttle and Propeller control cables.

Maintenance Release-

The aircraft and/or component(s) on 156KT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Northwest Aircraft under Work Order No. 8444.

DATE: 5/21/2013

SIGNED: 

Matthew Sherman

Work Order: 8444

CRS# K5S2339N

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MAKE: Cirrus
MODEL: SR-20
S/N: 1624
REG. NO: 156KT
WORK ORDER: 8474

Northwest Aircraft

Keystone Aviation
22285 Yellow Gate Lane
Aurora, OR 97002
Phone: 503-678-6076

DATE: 6/27/2013
A/C TSN: 1180.2
HOBBS: 423.8

Airframe Entries

Removed and Replaced #5 CHT Probe with new, P/N 16578-001, Ops check good.

Cleaned and detailed Aircraft.

Maintenance Release-

The aircraft and/or component(s) on 156KT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Northwest Aircraft under Work Order No. 8474.

DATE: 6/27/2013

SIGNED: 

Matthew Sherman

Work Order: 8474

CRS# K5S2339N

Printed by EBis 3 (datcomedia.com)

YEAR

20

DATE

MAKE: Cirrus
MODEL: SR-20
S/N: 1624
REG. NO: 156KT
WORK ORDER: 8552

Northwest Aircraft

Keystone Aviation
22285 Yellow Gate Lane
Aurora, OR 97002
Phone: 503-678-6076

DATE: 9/11/2013
A/C TSN: 1222.5
HOBBS: 466.1

ations

Number of
entries.)

Airframe Entries

Performed Aircraft 100 Hour Inspection in accordance with 14CFR Part 43 Appendix D using Cirrus SR20 Scheduled Inspection Report 05-20 as a guide.

Performed AD Compliance research through AD Bi-weekly 2013-18. Listed due ADs below and updated compliance record in the front of this log book.

Cleaned and Detailed Aircraft.

Complied with AD 2008-11-18 by pressure test of Heat Exchanger IAW SB 2X-78-07 R1. No leaks at this time, next inspection due in 100 hours from Hobbs stated above.

Stop drilled multiple cracks in engine baffling.

Adjusted Cabin heat box rigging to allow full operation of heat box control.

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

Maintenance Release

The aircraft and/or component(s) on 156KT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Northwest Aircraft under Work Order No. 8552.

DATE: 9/11/2013

SIGNED:

Matthew Sherman

CRS# K5S2339N

Work Order: 8552

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Pacific Coast Avionics

Registration: N156KT

Make: Cirrus

Model: SR20

S/N: 1624

Flight: 0476.6

CRS OPXR455L

Hobbs: 1547.2

Replaced Avidyne EX5000 PFD, s/n 20606525 with factory remanufactured EX5000, s/n D1204. Configured unit, tested system, and performed magnetometer calibration in accordance with the Avidyne EX5000 PFD IM and Cirrus SR20 AMM. Performed 14 CFR 91.411 leak check and found the aircraft to be in compliance with 14 CFR 43 Appendix E.

The aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under Keystone Aviation, work order 11407.

Signature: Christopher Brand

Date: 04/15/2014

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
MODEL: SR-20
S/N: 1624
REG. NO: 156KT
WORK ORDER: 8603

Northwest Aircraft

Keystone Aviation
22285 Yellow Gate Lane
Aurora, OR 97002
Phone: 503-678-6076

DATE: 4/28/2014
A/C TSN: 1233
HOBBS: 476.6

Airframe Entries

PERFORMED HARD LANDING INSPECTION IAW CIRRUS SR20 AMM 05-50, PAYING PARTICULAR ATTENTION TO THE AREA UNDER THE FLOOR FROM THE SPAR TUNNEL TO THE FIRE WALL, AS WELL AS THE CANTED RIBS IN THE WINGS, FINDING NO EVIDENCE OF STRUCTURAL DAMAGE OR DEFORMATION TO THE FUSELAGE OR WINGS.

PERFORMED HARD LANDING INSPECTION IAW CIRRUS SR20 AMM 05-50 FINDING LEFT MAIN GEAR STRUT BOWED AND UNSERVICEABLE. REMOVED L/H MAIN GEAR STRUT ASSY. INSTALLED NEW STRUT ASSY, P/N 14447-001. INSTALLED NEW UPPER CLAMP GROMMET ON STRUT. WORK DONE IAW CIRRUS SR20 AMM 20-60 AND 32-10.

PERFORMED HARD LANDING INSPECTION IAW CIRRUS SR20 AMM 05-50 FINDING RIGHT MAIN GEAR STRUT BOWED AND UNSERVICEABLE. REMOVED, DISASSEMBLED AND INSPECTED R/H MAIN GEAR STRUT ASSY. REASSEMBLED STRUT ASSY WITH NEW STRUT, P/N 13888-003, USING SERVICEABLE PARTS AS REQUIRED. INSTALLED ORIGINAL BRAKE LINE, NEW RUBBER SHEET, AND NEW CABLE TIE DOWN TO STRUT USING 5-MINUTE EPOXY. INSTALLED NEW UPPER CLAMP GROMMET ON STRUT. WORK DONE IAW CIRRUS SR20 AMM 20-60, 32-10 AND 32-42.

BLEED BRAKES AND SERVICED BRAKE FLUID RESERVOIR WITH NEW MIL-H-5606 HYDRAULIC FLUID IAW CIRRUS SR20 AMM 12-10 AND 32-42.

PERFORMED HARD LANDING INSPECTION IAW CIRRUS SR20 AMM 05-50 FINDING NLG STRUT CRACKED. REMOVED NOSE LANDING GEAR STRUT ASSY. INSTALLED NEW STRUT ASSEMBLY, P/N 11907-008, USING NEW BOLTS AND NEW TUBE SPACERS IAW CIRRUS 32-20.

INSTALLED NEW PUCK BRIDGE, P/N 12349-002, AND NEW PUCKS, P/N 11879-006, USING NEW PUCK PIN BUSHINGS, P/N 12937-001, NEW REBOUND BUMPERS, P/N 14020-001, NEW BOLT, P/N AN6-65, AND NEW WASHERS, P/N AN970-5, IAW CIRRUS AMM 32-20.

INSTALLED NOSE FORK USING NEW LARGE AREA WASHER, P/N AN970-8, NEW BELLEVILLE WASHERS, P/N 51853-001, NEW WASHERS, P/N NAS1149F0863P, AND A NEW NUT, P/N MS17825-8, IAW CIRRUS AMM 32-20 AND SB 2X-32-18R4.

1 of 2

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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COMPLIED WITH SB 2X-32-18R4 BY INSTALLING NEW NOSE STRUT AND NOSE FORK ATTACHING HARDWARE. NO FURTHER ACTION REQUIRED. SEE AMENDED WEIGHT AND BALANCE, DATED 3/21/2014.

PACIFIC COAST AVIONICS CRS OPXR455L W/O 11407 DATED 04/15/2014 REPLACED AVIDYE EX5000 PFD WITH FACTORY REMANUFACTURED E5000, S/N D1204.

REMOVED MAIN AND NOSE WHEELS FROM LANDING GEAR STRUTS. REMOVED BEARING CONES AND CUPS FROM WHEELS.

INSTALLED NEW BEARING CUPS, P/N 214-00100, AND NEW BEARING CONES, P/N 214-00200, ON THE MAIN WHEELS IAW CLEVELAND CMM AWBCMM0001-10. LUBRICATED BEARINGS WITH SHC-100 IAW CLEVELAND CMM AWBCMM0001-10 AND CIRRUS AMM 12-20. INSTALLED NEW TIRES, P/N 156E66-4, AND NEW TUBES, P/N 302-246-401, ON THE MAIN WHEELS. TIRES AND TUBES INSTALLED IAW CLEVELAND CMM AWBCMM0001-10 AND CIRRUS AMM 12-10. INSTALLED MAIN WHEELS ON MAIN LANDING GEAR IAW CIRRUS AMM 32-41.

INSTALLED NEW BEARING CUPS, P/N 214-00300, AND NEW BEARING CONES, P/N 214-00400, ON THE NOSE WHEEL IAW CLEVELAND CMM AWBCMM0001-10. LUBRICATED BEARINGS WITH SHC-100 IAW CLEVELAND CMM AWBCMM0001-10 AND CIRRUS AMM 12-20. INSTALLED A NEW TIRE, P/N 505C61-8, AND A NEW TUBE, P/N 302-013-400, ON THE NOSE WHEEL IAW CLEVELAND CMM AWBCMM0001-10 AND CIRRUS AMM 12-10. INSTALLED NOSE WHEEL ON NOSE LANDING GEAR IAW CIRRUS AMM 32-41.

REPLACED L/H AND R/H SIDE BAFFLES WITH NEW BAFFLE ASSEMBLIES, P/N 20442-002 AND 20450-002, USING NEW BAFFLE TO CYLINDER BRACKET ON THE #6 CYLINDER, P/N 11363-001, IAW CIRRUS SR-20 AMM 71-00.

INSTALLED NEW LANDING LIGHT LENS IAW CIRRUS SR-20 AMM 33-40.

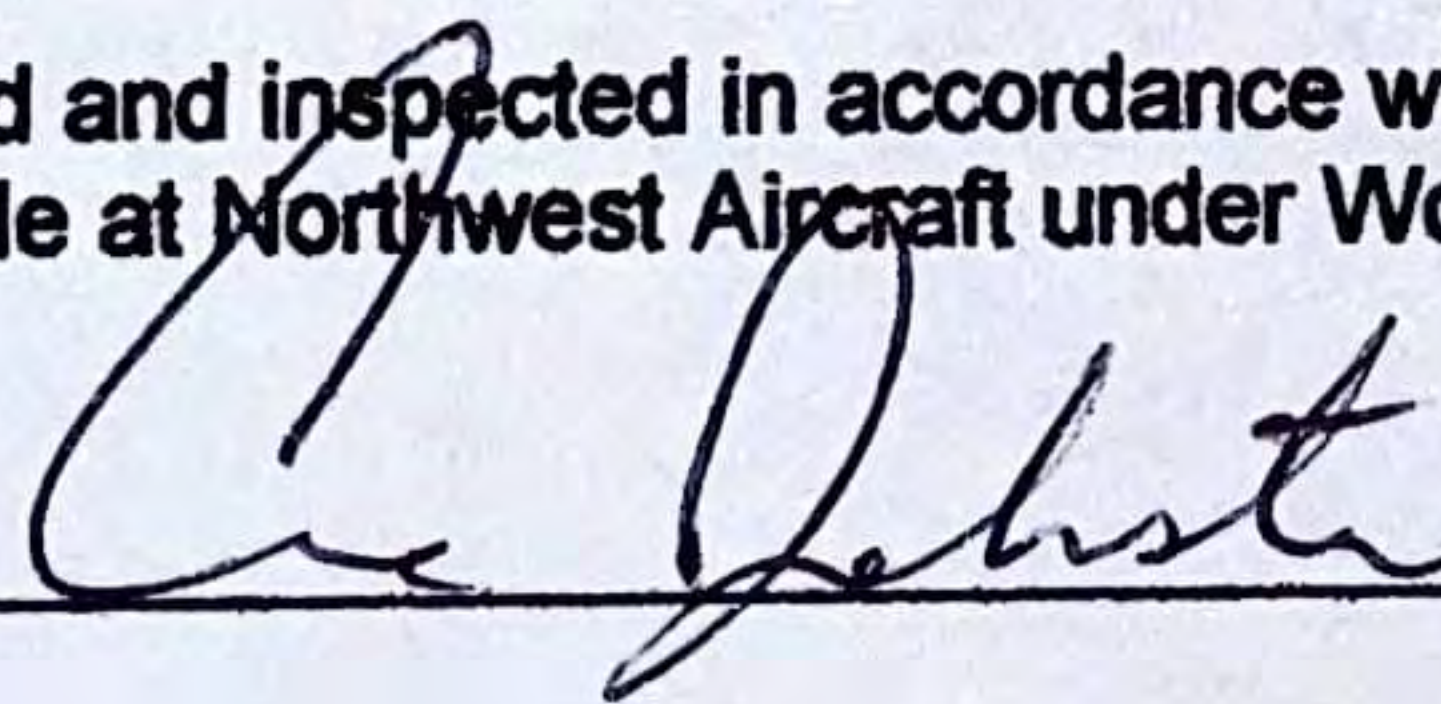
NOSE WHEEL PANT CRACKED REPAIRED AND PAINTED.

Maintenance Release-

The aircraft and/or component(s) on 156KT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Northwest Aircraft under Work Order No. 8603.

DATE: 4/28/2014

SIGNED:



CRS# K5S2339N

2012

Work Order: 8603

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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
MODEL: SR-20
S/N: 1624
REG. NO: 156KT
WORK ORDER: 8682

Northwest Aircraft

Keystone Aviation
22285 Yellow Gate Lane
Aurora, OR 97002
Phone: 503-678-6076

DATE: 5/2/2014
A/C TSN: 1233
TACH: 1068.6

Airframe Entries

AIRCRAFT HAS BEEN INSPECTED FOR AN ANNUAL INSPECTION PER FAR 43 APPENDIX D USING CIRRUS SR20 SCHEDULED INSPECTION REPORT 05-20 AS A GUIDE AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

AD RESEARCH C/W USING ATP REVISION 04/01/2014.

RIGHT FUEL VENT REPLACED WITH NEW VENT P/N 15306-001.

COMPLIED WITH **AD2008-11-18** IAW PARA E1, **SB2X-78-07R1**, AND AMM 78-20. NO FAULTS FOUND. NEXT ACTION DUE AT HOBBS 576.6.

PERFORMED GNS430 ICA IAW DOC #190-00356-65 REV A.

REINSTALLED LANDING GEAR FAIRINGS. UPDATED WEIGHT AND BALANCE, DATED 3/21/2014, AND INSERTED IN POH.

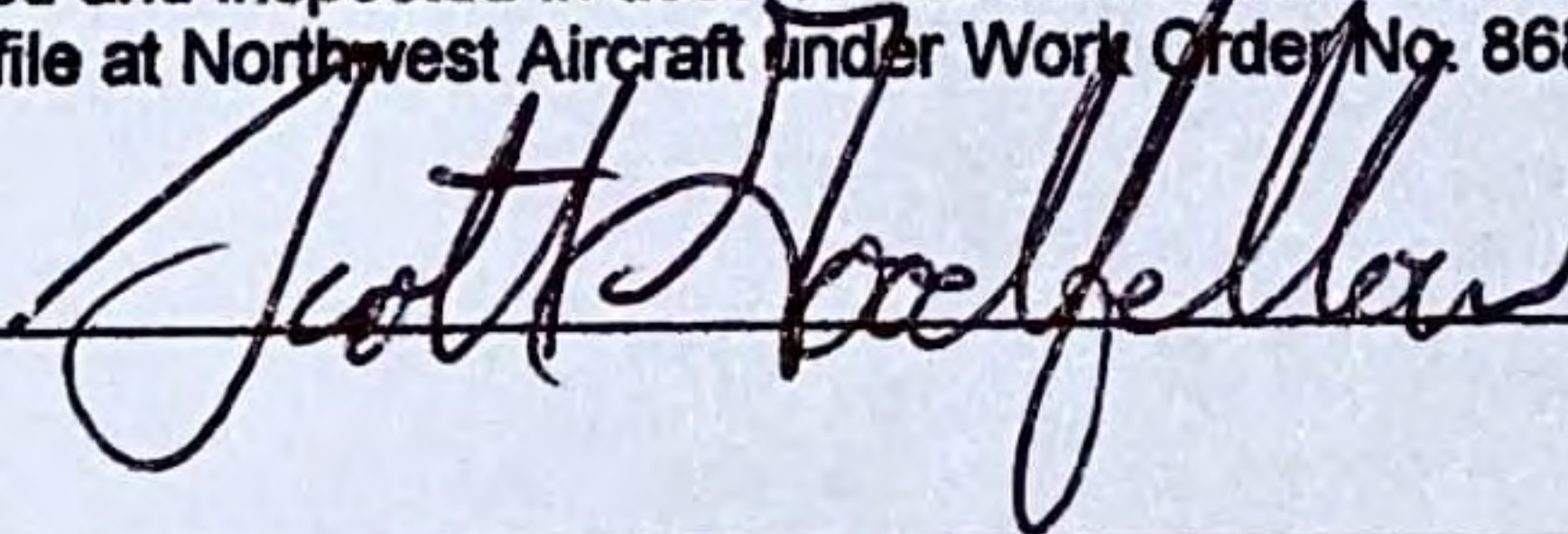
Maintenance Release-

The aircraft and/or component(s) on 156KT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Northwest Aircraft under Work Order No. 8682.

CRS# K5S2339N

DATE: 5/2/2014

SIGNED:



Work Order: 8682

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DUNCAN
AVIATION



N156KT

**Cirrus SR20
1624**

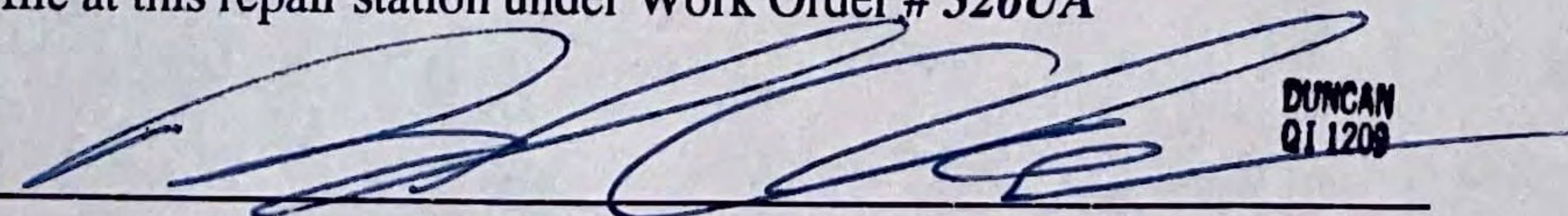
June 26, 2014

Aircraft Hobbs: 1555.5

Removed Pilot's PTT switch P/N 50339-001 S/N N/A. Installed new PTT P/N 50339-001 S/N N/A. Pilot's PTT switch ops check good. Work performed IAW Cirrus SR20 Maintenance Manual Ch. 27-10.

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 # **326UA**

Signed



DUNCAN
Q11209

For Duncan Aviation CRS # JQ04194F Phone: 503-287-7777

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
 MODEL: SR-20
 S/N: 1624
 REG. NO: 156KT
 WORK ORDER: 8911



Keystone Aviation
 22225 Yellow Gate Lane
 Aurora, OR 97002
 Phone: 503-678-6076

DATE: 4/9/2015
 A/C TSN: 1254.3
 TACH: 497.9

Airframe Entries

Lubricated elevator and rudder as required per AMM 12-20.

Maintenance Release-

The aircraft and/or component(s) on 156KT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Keystone Aviation under Work Order No. 8911

DATE: 4/9/2015

SIGNED:

Inspector Robert Richards

CRS# K5S2339N

Work Order: 8911

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Pacific Coast Avionics				CRS OPXR455L
Registration: N156KT	Make: CIRRUS DESIGN CDD	Model: SR20	S/N: 1624	Aircraft Time: 1578.8 HOBBS
REMOVED AVIDYNE EXP 5000 PN 700-00004-008 SN 23153515. PULLED AND COLLERED MFD CIRCUIT BREAKER SENT TO MFG UNDER RMA 9027427 AND PCA PO# 15-1619. REINSTALLED REPAIRED AVIDYNE EXP 5000 PN 700-00004-008 SN 23153515. CONFIGURED AND TESTED IAW AVIDYNE EXP 5000 INSTALLATION MANUAL. NO DEFECTS NOTED ON FINAL INSPECTION.				
This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under AVIDYNE, work order 10362.				
			4/10/2015 Date: 4/10/2015	
Page 1 of 1				

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MAKE: Cirrus
MODEL: SR-20
S/N: 1624
REG. NO: N156KT
WORK ORDER: 8966



Keystone Aviation
22225 Yellow Gate Lane
Aurora, OR 97002
Phone: 503-678-6076

DATE: 6/10/2015
A/C TSN: 125
TACH: 49

Airframe Entries

PERFORMED ANNUAL INSPECTION IAW 14CFR 43 APP D, USING CIRRUS SR20 SCHEDULED INSPECTION REPORT 05-20 AS A GUIDE

Completed AD/SB research using ATP Navigator. Bi-weekly revision date 05/22/2015

Removed and replaced # 5 EGT probe P/N 16579-002, IAW Cirrus AMM Chapter 77-20. Ops check good on ground.

Installed new brake cylinder o-rings and temp indicators on right main gear IAW Cirrus AMM Chapter 32-42. No leaks noted.

Adjusted ignition timing as per TCM IO-360 MM.

Removed and replaced chafe tape on both MLG middle fairings with new 3M 7in. P/N N4813052730.

Installed new brake lining IAW Cirrus SR20 AMM Chapter 32-42.

Replaced #2 batteries with new batteries, P/N 50979-001, IAW Cirrus SR-20 AMM 24-30. Ops check normal.

Performed capacity test as per Gill MM. Battery test failed at 50% capacity. Activated and installed new Main Battery P/N G243, S/N G02865890.

Performed Annual ELT inspection in accordance with 14CFR § 91.207(d). Battery Expiration date 03/2018

Maintenance Release-

The aircraft and/or component(s) on N156KT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Keystone Aviation under Work Order No. 8966.

DATE: 6/10/2015

SIGNED:

CRS# K5S2339N

Work Order: 89

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Pacific Coast Avionics

CRS OPXR455L

Registration: N156KT

Make: Cirrus

Model: SR20

S/N: 1624

Tach: 0500.2

Hobbs: 1582.6

Tightened static fittings at alternate static valve, static ports, static drain, altitude encoder, and standby instruments to reduce aircraft static leak to within tolerances required by 14 CFR 23.1325

Performed 14 CFR 91.411 certification of the altimetry system. The Avidyne EXP 5000 PFD s/n D1204, Standby Altimeter s/n 451673, Altitude Encoder, and Pitot / Static systems were tested for error and found to be in compliance with the requirements listed in 14 CFR 43 Appendix E to a test altitude of 20,000 feet.

Performed 14 CFR 91.413 certification of the Garmin GTX 327 ATCRBS, s/n 83732540 and found the system to comply with the requirements listed in 14 CFR 43 Appendix F.

The aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under Keystone Aviation, work order 11151.

6/9/2015

Signature: Christopher Brand

Date: 06/09/2015

MAKE: Cirrus
MODEL: SR-20
S/N: 1624
REG. NO: N156KT
WORK ORDER: 9016



Keystone Aviation
22225 Yellow Gate Lane
Aurora, OR 97002
Phone: 503-678-6076

DATE: 8/13/2015
A/C TSN: 1261.4
TACH: 505

Airframe Entries

REMOVED AND REPLACED # 6 CHT PROBE P/N 24584-001 IAW CIRRUS AMM CHAPTER 77-20. OPS CHECK GOOD ON THE GROUND.

Maintenance Release-

The aircraft and/or component(s) on N156KT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Keystone Aviation under Work Order No. 9016.

DATE: 8/13/2015

SIGNED:

James Aukes CRS# K5S2339N

CRS# K5S2339N

Work Order: 9016

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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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JET CENTER MFR

5000 Cirrus Drive
MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCPR185E

Airframe Log Entry N156KT

Date: 1-5-2016

Hobbs: 1599.8

Total Time: 1268.7

Flight Hobbs Time: 512.3

- 1) Installed overhauled CAPS parachute assembly, (1ea. 25574-003-REB, s/n 06752R1) per CMM chapter 95-01-01. Next due replacement by **Nov. 17, 2025**. Parachute assembly rebuilt by Cirrus Design Factory Service Center CRS# YD5R855Y on work order # 741879, dated 11-17-2015.
- 2) Installed new CAPS rocket assembly, (1ea. 29500-403, s/n 1396 Rocket, & 26865-002 Igniter) per CMM chapter 95-01-01 and **SB 2X-95-18R3**, dated 9-8-15. Next due replacement by **11-10-2025**.
- 3) CAPS line cutters, (s/n 1109 & 1110) next due replacement by **4/2017**.
- 4) Accomplished **SB 2X-95-13**, dated 11-30-2010 on CAPS strap inspection & grommet installation per provided instruction.
- 5) Accomplished new Weight & Balance for new type of rocket install per **SB 2X-95-18R3**. New Empty Weight: **2150.6**, New CG: **141.59**, New Moment: **304496.38**, New Useful Load: **849.40** and New % of MAC: **17.95**.
- 6) Installed Temporary Revision # TPOH 13-06R01 dated Oct 29 2013 as required per **SB 2X-95-18R3**, TPOH 15-14 dated Apr 22 2015, TPOH 15-17 dated Apr 28 2015 & TPOH 15-26 dated Jun 26 2015 up-dates.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 29816.

Richard T Fontes

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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JET CENTER MFR

5000 Cirrus Drive
MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCPR185E
Airframe Log Entry

Date: 5-5-2016
Total Time: 1274.3
Flight Hobbs Time: 517.9

Hobbs: 1608.6

N156KT

- 1) Installed new copilots "Grabbed Here" placard. (p/n 15735-001) and secured.
- 2) Repositioned and secured pilots door seal, checked okay.
- 3) Accomplished mandatory service bulletin SB 2X-71-10 R1 dated 3-11-2016, on door Rod attachment, installed kit 70544-001.
- 4) Accomplished mandatory service bulletin SB 2X-26-12 R1, dated 8-19-2015 on electric fuel pump inspection; no problems noted this time.
- 5) Accomplished mandatory service bulletin SB 2X-71-10 R2 dated 3-25-2009 on oil breather line kit; installed kit # 70230-001.
- 6) Mandatory service bulletin SB 2X-95-12 dated 4-9-2010 on CAPS line cutters found not applicable, line cutters were replaced 8-23-2011; no further action required.
- 7) Repaired right upper main landing gear fairing attach bracket as required, checked okay.
- 8) Accomplished AD 2008-11-18 amendment 39-15541, dated July 7, 2008 on exhaust system inspection per part (e) (1); no problems noted this time. Next inspection due 1374.3 TT.
- 9) Installed new air intake filter, (p/n BA-24) and secured; next due 12 Mo. / 200 Hr.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 30229. **Corrected 6-15-2016**

Richard T Fontes

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspec Entries must be endorsed v Technician or Repair Facility. (See back pages for other entries)
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Date: 30-Sep-16
 ETT: 15.1
 Hobbs: 1,702.2
 P.O. Box 899
 Smyrna, TN 37167-0899

Model: SR20
 S/N: 1624
 Reg. No: N156KT



CORPORATE

FLIGHT MANAGEMENT 276 Doug Warpoole Road
Smyrna, TN 37167
615.534.4600

Date: 28-Jun-2016
 TT: 1,315.1
 Hobbs: 1,656.4
 Flight: 558.7

Airframe

Inspections Accomplished:

- 1001-Complied with Airframe Annual Inspection. Ref AMM 05-20 and 05-30.
- 1005-Reweighed fire extinguisher. Ref AMM 26.
- 1006-Complied with ELT inspection. Ref FAR 91.207(d). **Battery expires: March, 2018.**
- 1007-Serviced No 1 battery. Ref AMM 24.

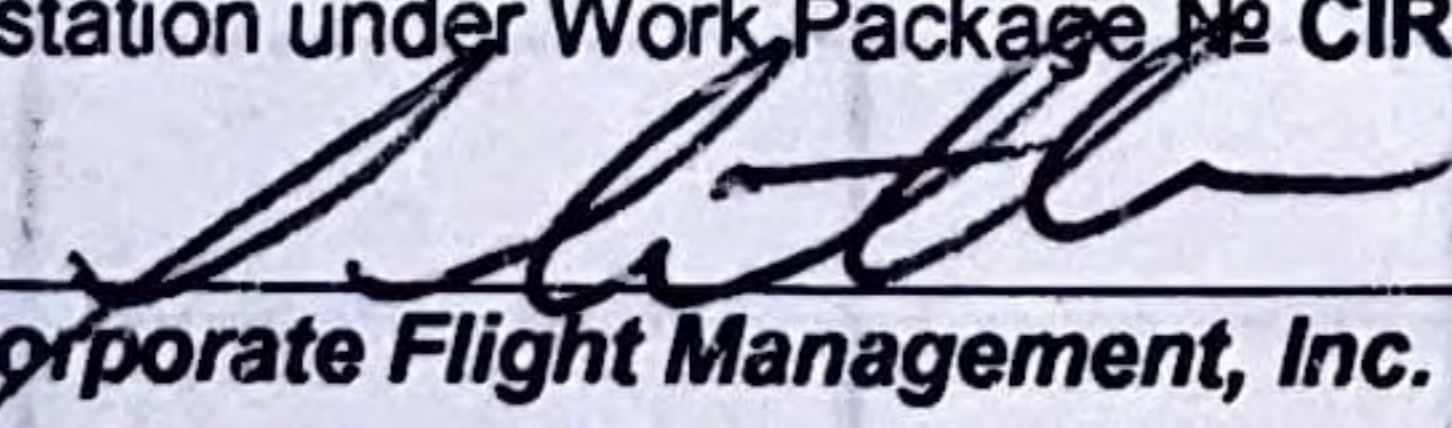
Airworthiness Directives:

-Researched ADs through 14-Jun-2016; none are due at this time.

Maintenance Accomplished:

- 2003-Removed and replaced, with new, L/H side bottom engine baffle spring. Ref AMM 71. P/N: 50217-001.
- 2004-Removed and replaced, with new, VOR antenna grommets. Ref AMM 34. P/N: MS35489-20.
- 2005-Stop drilled cracks on L/H side engine baffle at No 6 cylinder. Ref AC 43.13-1B.
- 2006-Removed and replaced, with new, elongated and chafed R/H side exhaust collector bolt. Ref AMM 78. P/N: AN4C32
- 2007-Removed and replaced, with new, L/H outboard exhaust spring. Ref AMM 78. P/N: 51381-001.
- 2008-NLG rebound bumpers are missing. Installed new NLG rebound bumpers. Ref AMM 32. P/N: 14020-001.
- 2009-Re-secured loose anti-chafe seal on all engine cowls. Ref AMM 71.
- 2010-Re-secured loose prop governor hardware. Ref AMM 61.
- 2011-R/H strobe is INOP. Removed and replaced, with new, R/H strobe. Ref AMM 33. P/N: 36-0050705-00.
- 2012-R/H aft anti-collision light INOP. Inspected and found socket cracked. Removed and replaced, with new, socket at lamp. Ref AMM 33.
Socket P/N: 02-0350260-00. Lamp P/N: 34-0428070-64.
- 2013-Re-secured R/H aileron actuation arm. Ref AMM 27.
- 2014-Re-secured L/H and R/H wing root fairings. Ref AMM 53.
- 2015-Removed and replaced, with new, L/H and R/H "NO PUSH" placards on elevators. Ref AMM 11. P/N: 12431-013.
- 2016-Cleaned corrosion, treated, and painted to prevent further corrosion at rudder tab. Ref AMM 51.
- 2017-Applied RTV to all exhaust springs to prevent further chafing. Ref AMM 78.

I certify the airframe identified above was inspected in accordance with an annual type inspection, as required by FAR 91.409(f)(1), found to be airworthy, and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No CIR883.

Signed: 
 For: Corporate Flight Management, Inc.

Certified Repair Station No FJTR920D

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: 1624
Reg. No: N156KT



CORPORATE
FLIGHT MANAGEMENT

693 Fitzhugh Blvd.
Smyrna, TN 37167
615.534.4600

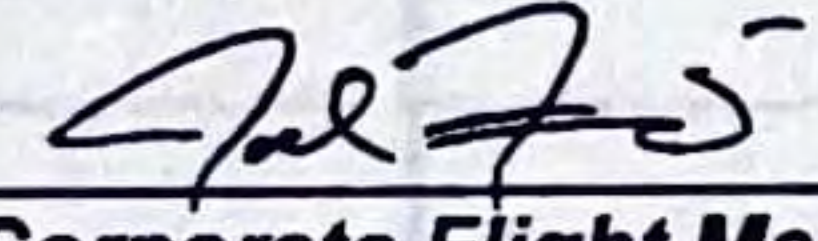
Date: 30-May-2017
TT: 1,765.4
Hobbs: 649.6

Airframe

Maintenance Accomplished:

- 2004-Removed and replaced L/H main tire with new tire. Ref AMM 32. P/N: 156E66-4.
- 2005-Removed and replaced R/H main tire with new tire. Ref AMM 32. P/N: 156E66-4.
- 2006-Removed and replaced R/H wing tip recognition light bulb. Ref AMM 33. P/N: 34-0428070-64.
- 2007-Performed NAV database update on both GNS460 units. Updated NAV data on MFD and installed charts on MFD. Ref AMM 34.

The airframe identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No **CIR948**.


Signed: 

For: **Corporate Flight Management, Inc.**

Certified Repair Station No FJTR920D

Form CFM 007

Model: SR20
S/N: 1624
Reg. No: N156KT



CORPORATE
FLIGHT MANAGEMENT

693 Fitzhugh Blvd.
Smyrna, TN 37167
615.534.4600

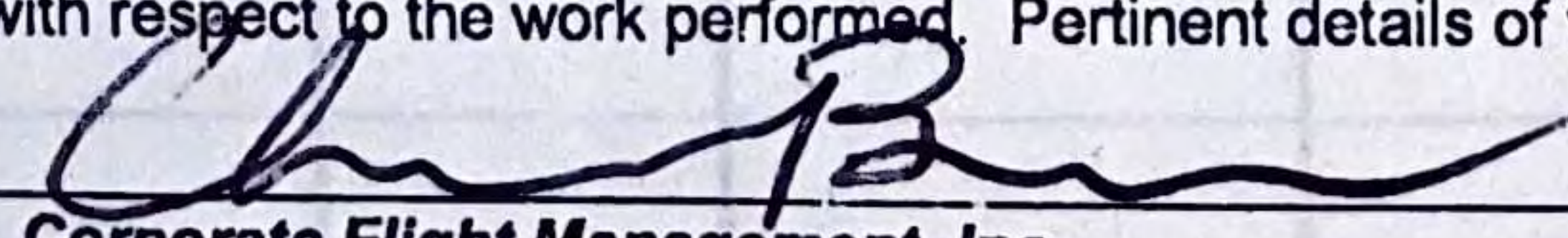
Date: 17-Nov-2017
TT: 1,792.1
Hobbs: 672.0

Airframe

Maintenance Accomplished:

- 2001-Removed and Replaced Alternator #2 with overhauled unit. P/N Off BC410-1 S/N Off 0353520. P/N On BC410-1 S/N On 0853932 Ref AMM 24-00. Ops Checked good at this time.

The airframe identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No **CIR979**.

Signed: 

For: **Corporate Flight Management, Inc.**

Certified Repair Station No FJTR920D

Form CFM 007

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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MurfreesboroAviation.com Phone: 615-494-1900 K.M.B.T

Make: CIRRUS DESIG
Order No.: 73166
S/N: 1624

Model: SR20

Tach Time: 770.60

Reg. No.: N156KT
Completed: 10/04/18
TTAF: 1527.00

Performed Annual inspection IAW FAR 43 appx D and Cirrus Design Airworthiness Limitations, referencing SR20 Inspection checklist. Tested ELT per 91.207. (d), no defects noted. Installed new Duracell D batteries. Batteries expire 2027. Repaired broken MLG fairing brackets on both sides. Installed new RA66-105 Brake pads on both sides. Installed new White aft nav bulb on LH wingtip. Installed new Inflators in Amsafe seat belt inflatable restraints. PN 20902-005. SN Z7181024159 installed on Pilot (LH) seat and SN Z71181024052 on Copilot (RH) seat. Inflators installed using 20902-005 Fittings and 20903-008 Brackets as required. installed new Inflator harness kit 20902-006. Serviced wheel bearings w/Mobile SCH 100 grease and lubricated aircraft per manual. Updated Navigation database in GPS. AD's as follows:

Ad 08-11-18 (July 7,08) Exhaust inspection, part (e)(1). no defects noted. Next due 870.6 FLIGHT
No other AD's due at this time, see records for a complete list of AD Compliance.

Timed items:

AMSAFE Seat belt inflatable restraint Inflators--Due Replacement 10/2030

ELT Battery: March 2027

CAPS: Rocket/Chute Assy.--Due Replacement 11-10-2025

Line Cutters--Due replacement May 2024

I Certify that this aircraft has been inspected IAW an Annual inspection and was found to be in an airworthy condition. Austen Kiser *Austen Kiser* A&P 3745725 IA

YEAR 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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N156KT Cirrus SR20 SN 1624 May 15, 2019 TTAF 1956.1 Tach 772.5

Removed inspection panels and inspected IAW CFR 43 Appx D for an ANNUAL inspection with Ref Mfgr MM. Lubed controls, removed wheel assys and cleaned bearings, checked OK, repacked and reinstalled. Brakes OK at this time. No evidence of brake overheating observed. Removed panels under instrument panel, lubed flight controls. Removed engine for inspection IAW SB 96-11B prop strike. Reinstalled engine after inspection. Removed propeller for repair, reinstalled after repair. Removed Gil battery and installed new Concorde RG24-15, W&B change negligible. See engine logs for engine maintenance. CW AD 08-11-18 by inspection next due 872.5 FLIGHT. No other ADs due at this time.

I certify that this aircraft has been inspected IAW an ANNUAL inspection and is found airworthy at this time. Jimmie Kevin Alderman A&P/IA 3506572 May 15, 2019

YEAR
20 _____
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections,
Entries must be endorsed with Name of
Technician or Repair Facility. (See



Holder Aviation, Inc.
7300 Old Acton Road
Moody, AL 35004
CRS# 9HLR596B

Reg. No.: N156KT
Model: SR20
W. O. No.: 19-0061

Tach/Hobbs:
Serial No.: 1624

Removed Garmin GTX 327 Transponder P/N 011-00490-00 S/N 83732540.
Installed GTX 345 ADS-B Transponder P/N 011-03202-00 S/N 3EG028704.
The installation was accomplished I A W Garmin AML STC SA01714WI
Installation Manual No. 190-00734-10 Rev. 12. The Avidyne MFD software wa
upgraded to version 8.2.2 IAW Avidyne Service Bulletin 601-00004-107 Rev. 3.
Performed transponder test I A W 14CFR 43 Appendix F to comply with 14CFR
91.413. No defects noted.

The aircraft or appliance (s) identified above was maintained and inspected
in accordance with current F.A.A. Regulations and was found to be
airworthy for return to service with respect to the work performed. Pertinent
details of the work are on file at this agency under the above referenced work
order number.

Date: 8/2/2019

Signature. _____

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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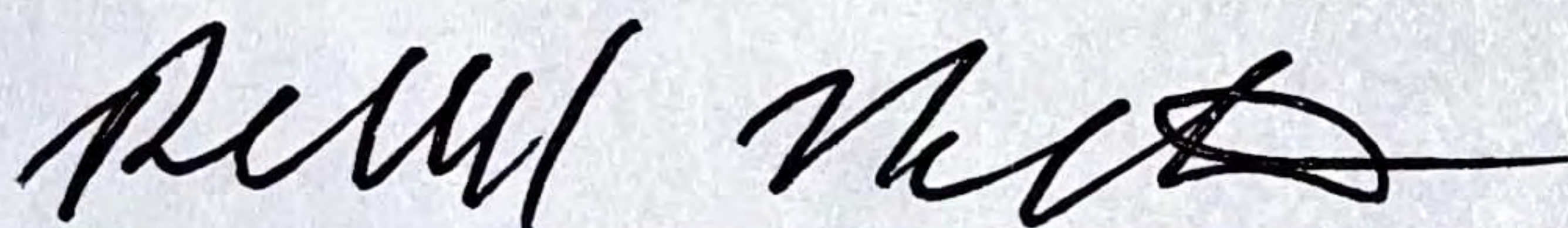
Airframe Log Book Entry

N156KT Cirrus SR20 Serial # 1624

Feb. 01, 2020 Tach: 2118.4 Hrs.

Complied with an Annual inspection. Lubed all flight controls. Installed new engine air filter BA-24. Installed all new EGT and CHT wire plug connectors. Installed serviceable prop spinner backing plate part # C-3532-4A serial # 0705167. Complied with AD 08-11-18 Heat Exchanger by visual inspection. No defects found. All AD's complied with through this date. I certify that this airframe has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

Russell Melton



AP3685486IA

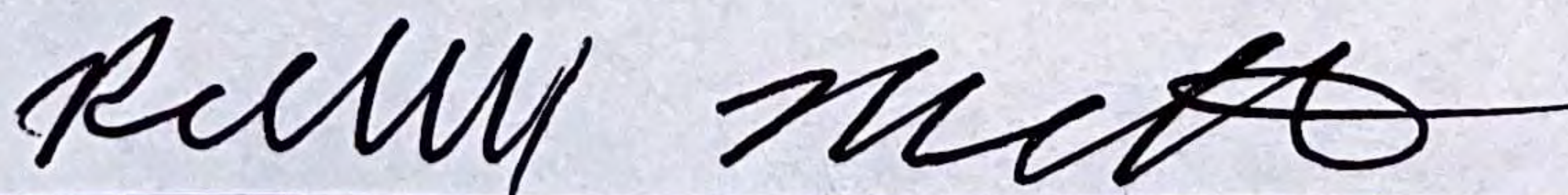
Engine Log Book Entry

N156KT Continental IO-360-BS Serial # 360130

Feb. 01, 2020 Tach: 2118.4 Hrs.

Complied with an Annual inspection. Installed all new URHM38E spark plugs. Drained oil, installed new oil filter, serviced engine with 9 quarts Phillips 20w-50 oil. Ground ran engine. Compression test: 1\77, 2\76, 3\74, 4\78, 5\78, 6\77. No leaks noted. All AD's complied with through this date. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

Russell Melton



AP3685486IA

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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Gilmer Aviation LLC

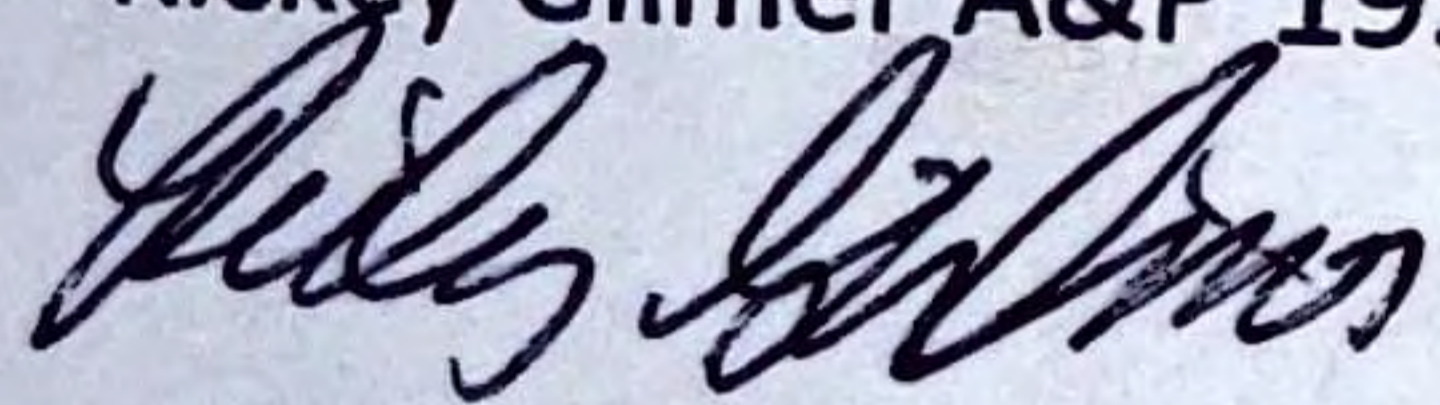
8/7/2019

N156KT

Tach 2042.5

Adjusted take off RPM to 2700. Replaced #2#4#6exhasut gaskets. Ground run and torque. Installed safety in alternate air door. Keyed prop governor.

Rickey Gilmer A&P 1955732



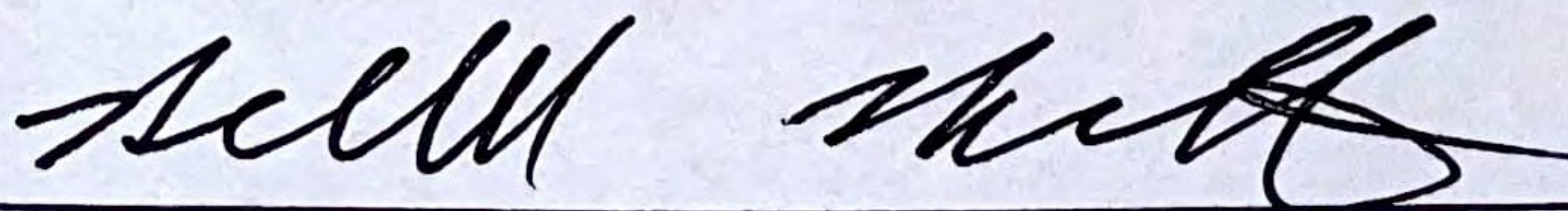
Prop Log Book Entry

N156KT Hartzell BHC-J3YF-1BF Serial # EF545B

Feb. 01, 2020 Tach: 2118.4 Hrs.

Complied with an Annual inspection. Lubed propeller. All AD's complied with through this date. I certify that this propeller has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

Russell Melton



AP3685486IA

ACFT SN#
1624

Altimeter/Static System Certification

HOBBS
2133.2

Merlin's Avionics Service
Tel: (615) 305-1186
307 Roberta Drive
Hendersonville, Tennessee 37075
FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 1139 Acft.Reg.No. N156KT
Acft Type CIRRUS SR20 Altimeter Position #1
Altimeter P/N# _____ S/N# _____
Date 3-11-20 Signed Merlin Gujra

Altitude	Reading	Tol	Altitude	Reading	Tol
-1000	-1000	20	14,000	13990	100
0	0	20	16,000	15980	110
500	500	20	18,000	17970	120
1000	1000	20	20,000	19970	130
1500	1500	25	22,000		140
2000	2000	30	25,000		155
3000	3000	30	30,000		180
4000	4000	35	35,000		205
6000	6000	40	40,000		230
8000	8000	60	45,000		255
10,000	9990	80	50,000		280
12,000	11990	90			

Friction	Tol
1K	70
2K	70
3K	70
5K	70
10K	80
15K	90
20K	100
25K	120
30K	140
35K	160
40K	180
50K	250

Press	Diff.(Tol. 25 Ft.)
28.10	-1727
28.50	-1340
29.00	-863
29.50	-392
29.92	0
30.50	531
30.90	893
30.99	974

Case Leak (FPM Tol. 100 Ft.)
0

After Effect (Tol.30 Ft.)
0

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) NA
2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) NA

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

ertificate Number of
her specific entries.)

STANDBY Altimeter
 Altimeter/Static System Certification

Merlin's Avionics Service
 Tel: (615) 305-1186
 307 Roberta Drive
 Hendersonville, Tennessee 37075
 FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 1139 Acft. Reg. No. N156KT
 Acft Type CIRRUS SR20 Altimeter Position #2
 Altimeter P/N# S/N#
 Date 3-11-20 Signed Merlin Guig

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff. (Tol. 25 Ft.)		
-1000	-1000	20	14,000	13980	100	1K	+20	70	28.10	-1727	-1727
0	0	20	16,000	15985	110	2K	+20	70	28.50	-1340	-1340
500	500	20	18,000	17980	120	3K	+15	70	29.00	-863	-863
1000	1000	20	20,000	19980	130	5K	+15	70	29.50	-392	-392
1500	1500	25	22,000	/	140	10K	+20	80	29.92	0	0
2000	2000	30	25,000	/	155	15K	+15	90	30.50	531	531
3000	3000	30	30,000	/	180	20K	+10	100	30.90	893	893
4000	4000	35	35,000	/	205	25K	/	120	30.99	974	974
6000	5995	40	40,000	/	230	30K	/	140	Case Leak (FPM Tol. 100 Ft.)		
8000	7990	60	45,000	/	255	35K	/	160	0		
10,000	9980	80	50,000	/	280	40K	/	180	After Effect (Tol. 30 Ft.)		
12,000	11985	90				50K	/	250	+10		

Hysteresis: 1st Test Point @ 50% of Max. Alt. (Tol. 75 Ft.) +20
 2nd Test Point @ 40% of Max. Alt. (Tol. 75 Ft.) +15

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.



Maintenance Entry

September 19, 2019 N156KT Cirrus SR20 sn 1624

Found Avidyne MFD had multiple pages yellowed out and would not cycle through. Replaced software compact flash card in Avidyne EX5000 MFD with customer supplied card P/N- 053-00235-100. Found unit ground checks satisfactory. Reinstalled MFD in aircraft.

The work described above has been inspected and found airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order #011727.

4265172

Signed for Carpenter Avionics, Inc. Repair Station RH4R492M

YE
20
DA

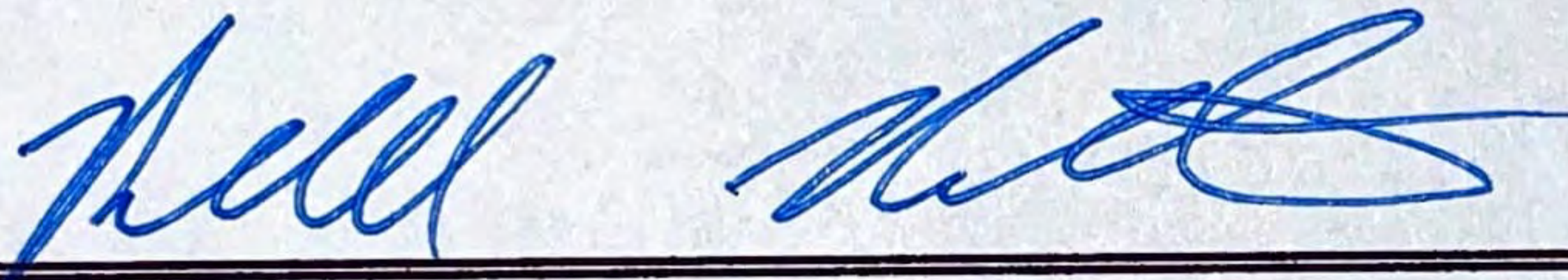
Engine Log Book Entry

N156KT Continental IO-360-BS Serial # 360130

Mar. 04, 2021 Tach: 2281.2 Hrs.

Complied with an Annual inspection. Drained oil, installed new oil filter, serviced engine with 9 quarts Phillips 20w-50 oil. Ground ran engine. Compression test: 1\75, 2\73, 3\74, 4\74, 5\76, 6\74. No leaks noted. All AD's complied with through this date. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

Russell Melton



AP3685486IA

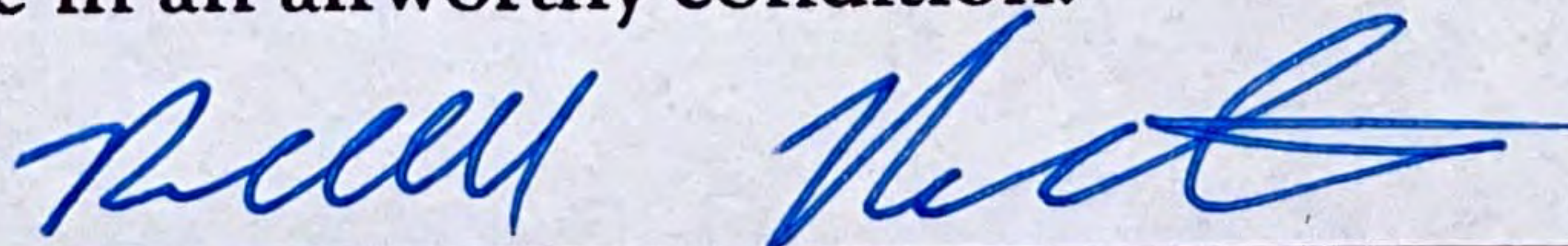
Airframe Log Book Entry

N156KT Cirrus SR20 Serial # 1624

Mar. 04, 2021 Tach: 2281.2 Hrs.

Complied with an Annual inspection. Lubed all flight controls. Installed new engine air filter BA-24. Installed all new brake pads, both brake disks, and both MLG tires. Complied with AD 08-11-18 Heat Exchanger by visual inspection. No defects found. All AD's complied with through this date. I certify that this airframe has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

Russell Melton



AP3685486IA

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

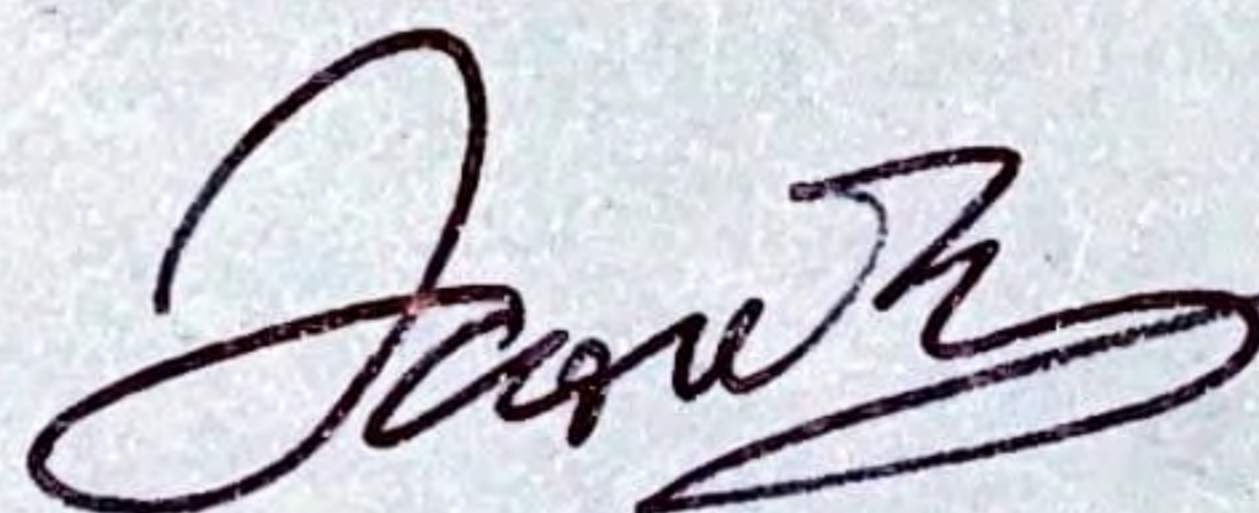
Description of Inspections, Tests, Repairs and Alterations

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

1 Feb 2022
Hobbs Time 2467.3
Tach Time: 1196.7

Make: Cirrus
Model: SR-20
Serial # 1624

Removed and replaced nose landing gear tire and tube. Removed and replaced all brake pads with new due to wear. Aircraft lubed. I certify that this airframe has been inspected accordance with an Annual Inspection and was determined to be in an airworthy condition. All AD's are current/complied with per ATP Navigator updated 1 Feb 2022.



Jason A. Zwart
A&P 3736574IA

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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ACFT SN # <u>1624</u>		AVIDYNE ADC ALTIMETER Altimeter/Static System Certification		HOBBS <u>2491.4</u>					
Merlin's Avionics Service Tel: (615) 305-1186 307 Roberta Drive Hendersonville, Tennessee 37075 FAA CRS#Z6MR586Y MAS Form #4			Work Order No. <u>314</u> Acft.Reg.No. <u>N156KT</u> Acft Type <u>CIRRUS SR20</u> Altimeter Position <u>#1</u> Altimeter P/N# <u>AVIDYNE</u> S/N# Date <u>4-27-22</u> Signed <u>Merlin Burgis</u>						
Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	<u>-1000</u>	20	14,000	<u>13990</u>	100	1K	<u>NA</u>	70	28.10 <u>-1727</u> -1727
0	<u>0</u>	20	16,000	<u>15990</u>	110	2K	X	70	28.50 <u>-1340</u> -1340
500	<u>500</u>	20	18,000	<u>17980</u>	120	3K		70	29.00 <u>-863</u> -863
1000	<u>1000</u>	20	20,000	<u>19980</u>	130	5K		70	29.50 <u>-392</u> -392
1500	<u>1500</u>	25	22,000		140	10K		80	29.92 <u>0</u> 0
2000	<u>2000</u>	30	25,000		155	15K		90	30.50 <u>531</u> 531
3000	<u>3000</u>	30	30,000		180	20K		100	30.90 <u>893</u> 893
4000	<u>4000</u>	35	35,000		205	25K		120	30.99 <u>974</u> 974
6000	<u>6000</u>	40	40,000		230	30K		140	
8000	<u>8000</u>	60	45,000		255	35K		160	
10,000	<u>9990</u>	80	50,000		280	40K		180	
12,000	<u>11990</u>	90				50K	250		
Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) <u>NA</u>						After Effect (Tol.30 Ft.)			
2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) <u>NA</u>						<u>0</u>			
This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.									

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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STANDBY Altimeter
Altimeter/Static System Certification

Merlin's Avionics Service
Tel: (615) 305-1186
307 Roberta Drive
Hendersonville, Tennessee 37075
FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 314 Acft. Reg. No. N156KT
Acft Type CIRRUS SR20 Altimeter Position #2
Altimeter P/N# _____ S/N# _____
Date 4-27-20 Signed Merlin [Signature]

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff. (Tol. 25 Ft.)
-1000	<u>-1000</u>	20	14,000	<u>13980</u>	100	1K	<u>+20</u> 70	28.10	<u>-1727</u> -1727
0	<u>0</u>	20	16,000	<u>15985</u>	110	2K	<u>+20</u> 70	28.50	<u>-1340</u> -1340
500	<u>500</u>	20	18,000	<u>17975</u>	120	3K	<u>+20</u> 70	29.00	<u>-863</u> -863
1000	<u>1000</u>	20	20,000	<u>19970</u>	130	5K	<u>+15</u> 70	29.50	<u>-392</u> -392
1500	<u>1500</u>	25	22,000	/	140	10K	<u>+20</u> 80	29.92	<u>0</u> 0
2000	<u>2000</u>	30	25,000	/	155	15K	<u>+15</u> 90	30.50	<u>531</u> 531
3000	<u>3000</u>	30	30,000	/	180	20K	<u>+15</u> 100	30.90	<u>893</u> 893
4000	<u>4000</u>	35	35,000	/	205	25K	/	30.99	<u>974</u> 974
6000	<u>5995</u>	40	40,000	/	230	30K	/		
8000	<u>7995</u>	60	45,000	/	255	35K	/		
10,000	<u>9990</u>	80	50,000	/	280	40K	/		
12,000	<u>11990</u>	90				50K	/		

Hysteresis: 1st Test Point @ 50% of Max. Alt. (Tol. 75 Ft.) +20
2nd Test Point @ 40% of Max. Alt. (Tol. 75 Ft.) +15

Case Leak (FPM Tol. 100 Ft.)
0
After Effect (Tol. 30 Ft.)
+10

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

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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Transponder Certification

Merlin's Avionics Service Tel: (615) 305-1186
307 Roberta Drive Hendersonville, Tennessee 37075
FAA CRS #Z6MR586Y MAS Form #3

Work Order No. 314 Acft.Reg.No. N156KT
 Aircraft Type CIRPUS SR 20 Txpond Position #1
 Txpond P/N# GTX 345 S/N# _____

Check Box if Mode S

I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station.

Date 4-27-22

Signed Mahli Gerjely

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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Airframe Log Book Entry

N156KT Cirrus SR20 Serial # 1624

Feb. 16, 2023 Tach: 2615.7 Hrs.

Complied with an Annual inspection. Lubed all flight controls. Removed, cleaned and reinstalled engine air filter. Installed all new brake pads, and both MLG tires. Tested ELT I/A/W FAR 91.207. No defects found. Complied with AD 08-11-18 Heat Exchanger by visual inspection. No defects found. All AD's complied with through this date. I certify that this airframe has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

Russell Melton



AP3685486IA

Engine Log Book Entry

N156KT Continental IO-360-BE Serial # 360130

Oct. 01, 2023 Tach: 2742.6 Hrs.

Drained oil, installed new oil filter AA48108-2, serviced engine with 8 quarts Phillips 20w-50 oil. Ground ran engine. No leaks noted..

Russell Melton



AP3685486IA

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.)

ACFT SN#
1624

Altimeter / Static System Certification

HOURS
2809.3

Merlin's Avionics Service

Tel: (615) 305-1186

1045 RoundTree Drive

Gallatin, Tennessee 37066

FAA CRS #Z6MR586Y MAS Form #4

Work Order No. 1293 Acft.Reg.No. N156KT

Acft Type CIRRUS SR20 Altimeter Position #1

Altimeter P/N# AVIDYNE S/N# D1204

Date 3-14-24 Signed Merlin King

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	13980	100	1K	70	28.10	-1727 -1727
0	0	20	16,000	15985	110	2K	70	28.50	-1340 -1340
500	500	20	18,000	17980	120	3K	70	29.00	-863 -863
1000	1000	20	20,000	19980	130	5K	70	29.50	-392 -392
1500	1500	25	22,000		140	10K	80	29.92	0 0
2000	2000	30	25,000		155	15K	90	30.50	531 531
3000	3000	30	30,000		180	20K	100	30.90	893 893
4000	4000	35	35,000		205	25K	120	30.99	974 974
6000	6000	40	40,000		230	30K	140		
8000	7990	60	45,000		255	35K	160		
10,000	9990	80	50,000		280	40K	180		
12,000	11980	90				50K	250		

Case Leak (FPM Tol. 100 Ft.)

0

After Effect (Tol. 30 Ft.)

0

Hysteresis: 1st Test Point @ 50% of Max.Alt. (Tol. 75 Ft.) NA

2nd Test Point @ 40% of Max.Alt. (Tol. 75 Ft.) NA

This Altimeter / Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

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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Altimeter / Static System Certification

Merlin's Avionics Service
 Tel: (615) 305-1186
 1045 RoundTree Drive
 Gallatin, Tennessee 37066
 FAA CRS #Z6MR586Y MAS Form #4

Work Order No. 1293 Acft.Reg.No. N156KT
 Acft Type SR20 Altimeter Position #2
 Altimeter P/N# 5934D-3A S/N# 451673
 Date 3-14-24 Signed Mali Gurij

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff. (Tol. 25 Ft.)
-1000	-1000	20	14,000	13980	100	1K	+20	70	28.10 -1727 -1727
0	0	20	16,000	15985	110	2K	+20	70	28.50 -1340 -1340
500	500	20	18,000	17980	120	3K	+20	70	29.00 -863 -863
1000	1000	20	20,000	19970	130	5K	+15	70	29.50 -392 -392
1500	1500	25	22,000	/	140	10K	+15	80	29.92 0 0
2000	2000	30	25,000	/	155	15K	+10	90	30.50 531 531
3000	3000	30	30,000	/	180	20K	+10	100	30.90 893 893
4000	4000	35	35,000	/	205	25K	/	120	30.99 974 974
6000	5990	40	40,000	/	230	30K	/	140	
8000	7990	60	45,000	/	255	35K	/	160	
10,000	9980	80	50,000	/	280	40K	/	180	
12,000	11980	90				50K	/	250	

Hysteresis: 1st Test Point @ 50% of Max. Alt. (Tol. 75 Ft.) +20
 2nd Test Point @ 40% of Max. Alt. (Tol. 75 Ft.) +15

Case Leak (FPM Tol. 100 Ft.) 0

After Effect (Tol. 30 Ft.) +10

This Altimeter / Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.