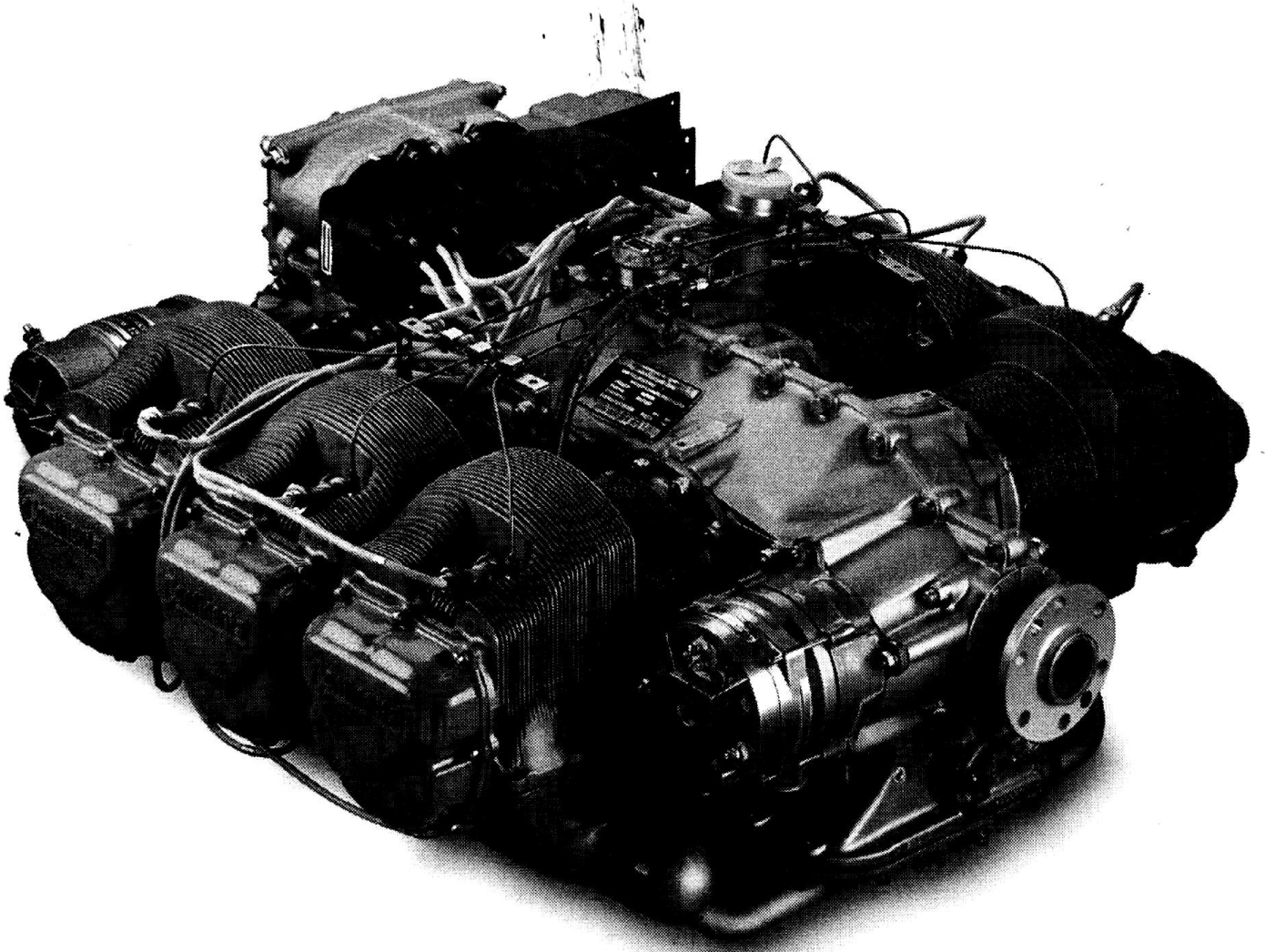


ENGINE LOG BOOK

N818RN



Teledyne Continental Motors, Inc.

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

**Engine Return Department
2039 Broad Street
Mobile, AL 36615**

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 04/10/2008

This engine model I0360ES21, Serial No. 360689 was manufactured on 04/09/2008 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY
PRODUCTION CERTIFICATE NO. 508

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

PLATINUM

1635 NW 51 PLACE
HANGAR 31-A
FORT LAUDERDALE, FL 33309
(954) 771-1288

Make: CIRRUS Model: SR20 Serial: 1990 Registration: N818RN Tach: 215.6 Hobbs: 297.4

DRAINED OIL, SERVICED WITH AEROSHELL 15W50 MULTIGRADE AND CHAMPION 48018-1 OIL FILTER.

W/O: 09-204
Date 7-July 2009

Humphrey Lemmers



AP2010282

PLATINUM

1635 NW 51 PLACE
HANGAR 31-A
FORT LAUDERDALE, FL 33309
(954) 771-1288


Make: CIRRUS Model: SR20 Serial: 1990 Registration: N818RN Tach: 267.2 Hobbs: 368.4

PERFORMED 100 HOUR INSPECTION PER CIRRUS MM. DRAINED OIL AND SERVICE WITH AEROSHELL 15W50 MULTIGRADE AND CHAMPION 48108-1 OIL FILTER. COMPRESSION CHECK - #1 76/80, #3 78/80, #5 76/80, #2 74/80, #4 76/80, #6 76/80.

I CERTIFY THAT THE ABOVE ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION.

W/O: 09-222
Date AUGUST 14, 2009

Humphrey Lemmers



AP2010282

PLATINUM

1635 NW 51 PLACE
HANGAR 31-A
FORT LAUDERDALE, FL 33309
(954) 771-1288

Make: CIRRUS Model: SR20 Serial: 1990 Registration: N818RN Tach: 316.8 Hobbs: 435.8

DRAINED OIL AND SERVICED WITH AEROSHELL 15W50 AND CHAMPION OIL FILTER 48108-1.

W/O: 09-258
Date OCTOBER 12, 2009

HUMPHREY LEMMERS
AP2010282



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

PLATINUMService

1635 NW 51st Place
Hangar 31-A
Fort Lauderdale, FL 33309
954-771-1288

Engine Logbook Entry

| | | |
|------------------------|--------------|-------------|
| Name of NTE Technician | REGISTRATION | TYPE RATING |
| Glenn Juber | SR20 | SR20 |
| DOB: 10/14/1969 | Model: SR20 | ISMOH: N/A |

Completed 100 HR engine inspection IAW Cirrus SR20 MM & MM checklist. Compression #1=74 #2=70 #3=72 #4=70 #5=72 #6=72 IAW TCM SB. master orifice reading 45. Changed oil w/ Aeroshell 15W50 and oil filter on CH48108-1. Replaced two spark plugs on RH M38E. replaced air filter on BA24. installed new oil pad on 649278. certify that this engine has been inspected IAW a 100 HR inspection and is airworthy at this time.

Signature:  Glenn Juber A&P IA 40600028

ENGINE MODEL: SR20
REGISTRATION: SR20
REG. NO: N149R
WORK ORDER: 0092

PLATINUM

Platinum Aviation Service

1635 NW 51st Place - Hangar 31
Fort Lauderdale, FL 33309
Phone: 954-771-1288

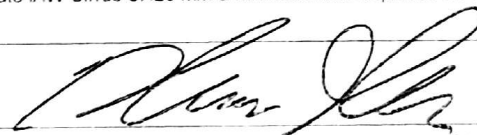
DATE: 06 April 2010
A/C TSN: 4100
ENG. TT: 4100
FLIGHT TIME: 4100

Engine Entries

Completed 50Hr in service inspection this date IAW Cirrus SR20 MM & MM checklist. Replaced oil filter PN#CH48108-1, serviced with #8 qt Aeroshell 15W50

DATE: 06 April 2010

SIGNED



Work Order: 0092

Glenn Juber A&P 40600028

Printed by EBIS 3 (datamedia.com)

ENGINE MODEL: SR20
REGISTRATION: SR20
REG. NO: N149R
WORK ORDER: 0116

PLATINUM

Platinum Aviation Service

1635 NW 51st Place - Hangar 31
Fort Lauderdale, FL 33309
Phone: 954-771-1288

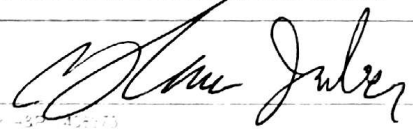
DATE: 29 April 2010
A/C TSN: 4210
ENG. TT: 4210
FLIGHT TIME: 4210

Engine Entries

Replaced the starter adapter with new P/N 646220-A53. IAW Cirrus MM & MM checklist.

DATE: 29 April 2010

SIGNED



Work Order: 0116

Glenn Juber A&P 40600028

Printed by EBIS 3 (datamedia.com)

Engine Service and Maintenance Record

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

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

ENGINE MODEL
IO360ES21
ENGINE S/N 360689
REG NO N818RN
WORK ORDER 0172

PLATINUM

Platinum Aviation Service
1635 NW 51st Place - Hangar 31
Fort Lauderdale, FL 33309
Phone: (954) 771-1288

DATE 25 June 2010
A/C TSN 457 9
ENG TT 457 9
FLIGHTTIME 457 9

Engine Entries

Completed annual engine inspection this date IAW Cirrus SR20 MM & MM checklist. AD's current through issue 2010-14. C/W TCM cylinder inspection SB03-3, compressions: #1= 72 #2=76 #3=72 #4=74 #5=74 #6=74/80. Replaced oil filter PN#CH48108-1, serviced with #8 qt Aeroshell 15W50.
REPLACED SPARK PLUGS WITH NEW CHAMPION# RHM38E
RE-TORQUED VALVE COVERS AS PER T.C.M. MM

I certify that this engine has been inspected IAW an Annual inspection and is found airworthy at this time

DATE 25 June 2010 SIGNED: 
Glenn Juber IA 3438378 Work Order: 0172
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL
IO360ES21
ENGINE S/N 360689
REG NO N818RN
WORK ORDER 0331

PLATINUM

Platinum Aviation Service
1635 NW 51st Place - Hangar 31
Fort Lauderdale, FL 33309
Phone: (954) 771-1288

DATE 07 December 2010
A/C TSN 533 8
ENG TT 526 8
FLIGHTTIME 526 8

Engine Entries

Completed 50Hr in service inspection this date IAW Cirrus SR20 MM & MM checklist. Replaced oil filter PN#CH48108-1, serviced with #8 qt Aeroshell 15W50.
INSPECTED & REPLACED MAGNETO ITEMS IAW T.C.M. BENDIX S20 MM.

I certify that this engine has been inspected IAW an Annual inspection and is found airworthy at this time

DATE 07 December 2010 SIGNED: 
Alberto Juber A&P 3438378 Work Order: 0331
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL
IO360ES21
ENGINE S/N 360689
REG NO N818RN
WORK ORDER 0526


PLATINUM Service

Platinum Aviation Service
1635 NW 51st Place - Hangar 31
Fort Lauderdale, FL 33309
Phone: (954) 771-1288

DATE 19 April 2011
A/C TSN 575 8
ENG TT 575 8
FLIGHTTIME 575 8

Engine Entries

Drained oil and serviced with AeroShell 15W50 and Champion PN#48108-1 oil filter.

DATE: 19 April, 2011 SIGNED: 
Glenn Juber A&P 3438378 Work Order: 0526
(Printed by EBis 3 (datcomedia.com))

ENGINE MODEL
IO360ES21
ENGINE S/N 360689
REG NO N818RN
WORK ORDER 0616

PLATINUM Service

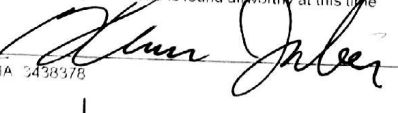
Platinum Aviation Service
1635 NW 51st Place - Hangar 31
Fort Lauderdale, FL 33309
Phone: (954) 771-1288

DATE 30 June 2011
A/C TSN 616 2
ENG TT 616 2
FLIGHTTIME 616 2

Engine Entries

Completed annual engine inspection this date IAW Cirrus SR20 MM & MM checklist. AD's current through issue 2011-13. C/W TCM cylinder inspection SB03-3, compressions: #1= 72 #2=74 #3=74 #4=72 #5=74 #6=70/80. Replaced oil filter PN#CH48108-1, serviced with #8 qt Aeroshell 15W50. I certify this engine has been inspected IAW an annual inspection and is airworthy at this time. Re-rigged alternate air cable, engine max power RPM now 2660, also re-set idle speed.

I certify that this engine has been inspected IAW an Annual inspection and is found airworthy at this time

DATE 30 June, 2011 SIGNED: 
Glenn Juber IA 3438378 Work Order: 0616
Printed by EBis 3 (datcomedia.com)

Engine Service and Maintenance Record

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

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

Brought Forward →

ENGINE MODEL
IO360ES21
ENGINE S/N 360689
REG NO N818RN
WORK ORDER 0830

PLATINUM Service

Platinum Aviation Service
1635 NW 51st Place - Hangar 31
Fort Lauderdale, FL 33309
Phone (954) 771-1288


DATE 06 December 2011
A/C TSN 6877
ENG TT 6877
FLIGHTTIME 6877

Engine Entries

Drained oil and serviced with AeroShell 15W50 and Champion PN#48108-1 oil filter.

DATE: 06 December, 2011

SIGNED:



Luis Alonso A&P 306632

Work Order: 0830

Printed by EBis 3 (datcomedia.com)

ENGINE LOG ENTRY

Engine: TCM

Model: IO-360-E5


Registration #: N818RN

S/N:

Date: 04/21/2012

TACH: 714.6

- 1) Drained engine oil and removed oil filter. Filter was cut open and inspected for contamination. None found. Installed new oil filter and serviced engine with 8 qts Aeroshell 15W-50 oil.
- 2) Engine ops check normal. No leaks noted.



Chris Barcenas A&P 2738632

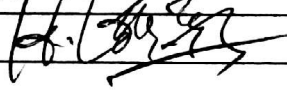
JULY 20 2011 HORBS 991.2 . FLT 745.1

ENGINE INSPECTED IN ACCORDANCE WITH TCM 100 HR EJP

I Certify That This ENGINE Has
Been Inspected In Accordance
With 100 HR Inspection And Was
Determined To Be In Airworthy Condition

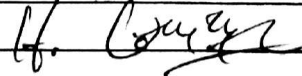
HUMPHREY LEMMERS

A&P 2010282 IA



AUG 1 2012 HORBS 1015.3 FLT 766.2

CHANGED OIL, CHANGED OIL FILTER, SERVICED WITH PHILLIPS 20W50
FILTER CUT OPEN AND INSPECTED, NO CONTAMINATION.

 AP 2010282

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



Cirrus Factory Authorized Service Center
 CRS#9ESR403B
 2580 SE Aviation Way Ste 102
 Stuart, FL 34996 PH (772) 781-0610
 rick@eastcoastaviationservice.com
 SN#360689 H.M.1159.5 FLH.M.872.8

5/7/13 N818RN TCM IO-360-ES
 Replaced all spark plugs with Tempest PN#URM38E, operational check performed no discrepancies noted.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with the current requirements of the Federal Aviation administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS 9ESR403B, under W/O#10513B
 Date: 5/7/13

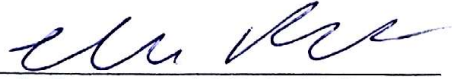
Signed 
 Richard Epler
 Certified Repair Station No. 9ESR403B

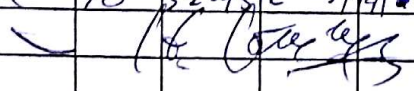
W/O# 10513B

ENGINE LOG ENTRY

Engine: TCM Model: IO-360-E5
 Registration #: N818RN S/N:
 Date: 07/14/2013 TACH: 917.9

- 1) Drained engine oil and removed oil filter. Filter was cut open and inspected for contamination. None found. Installed new oil filter and serviced engine with 8 qts Aeroshell 15W-50 oil.
- 2) Engine ops check normal. No leaks noted.


 Chris Barcenas A&P 2738632

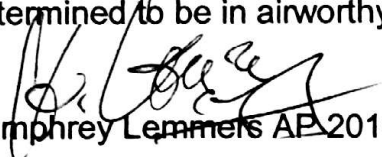
AUG 15 2013 TACH 917.9
 Removed, Replaced STARTER ASSY PN 657596 . SN 4C3-091309.
 TCM W/O 328952 3/19/13 - OPERATIONAL CHECKED OK.
 AB 2010282

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

Brought Forward →

8/20/13 TAC+ 930.0 HOURS 1230.5

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


Humphrey Lemmers AP 2010282 IA



Cirrus Factory Authorized Service Center
CRS#9ESR403B
2580 SE Aviation Way Ste 102
Stuart, FL 34996 PH (772) 781-0610
rick@eastcoastaviationservice.com

8/11/14 N818RN CM IO-360ES SN#360689 H.M.1440.6 FLH.M. 1103.5 T.T.1103.5 T.S.N.1103.5
100HR/Annual Inspection Completed

Inspected this engine in accordance with FAR 43 Appendix D, oil drained and oil sample taken, removed oil filter and cut open no contamination noted replaced oil filter with Tempest AA48108-2 and serviced engine with 8 qts Phillips Mineral oil 20W-50, compression checked as follows (1) 60 (2) 58 (3) 73 (4) 60 (5) new (6) new, /80 master orifice 42, removed #5 and #6 cylinder for repairs by Certified Engines Inc PN#65570 SN#63739 under W/O#43377-000 and PN#655570 SN#62470 under W/O#43377-000 with new hardware and gaskets as needed, magnetos were removed for 500 HR inspection and replaced with exchanged by Continental Motors Inc magneto's (R) PN#BL-500556-3 SN#D14GA187R and (L) PN#BL-500556-3 SN#D14GA184R, under W/O#412258, replaced Adel clamp on dip stick PN#63266-1, secured oil cooler shoe, replaced baffling attach hardware PN#641347 and PN#641346 as needed, engine cleaned and operational check preformed, checked and found all AD's to have been C/W thru this date, I certify this engine to have been inspected in accordance with an 100HR inspection and was determined to be in a airworthy condition.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with the current requirements of the Federal Aviation administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS 9ESR403B, under W/O#19514B
Date: 8/11/14

Signed  W/O#19514B
Richard Epler
Certified Repair Station No. 9ESR403B

MAKE Cirrus Design Corp
MODEL SR20
S/N 1990
REG NO N818RN
WORK ORDER 0840



Platinum Aviation Service
1635 NW 51st Place - Hangar 31
Fort Lauderdale, FL 33309
Phone (954) 771-1288

DATE 13 December 2011
A/C TSN 691 7
FLIGHTTIME 691 7

Airframe Entries

Installed new Gill G243 battery, operation satisfactory.

DATE 13 December, 2011 SIGNED  Work Order 0840
Glenn Juber A&P 3438378 Printed by EBis 3 (dalcomedia.com)

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

| ENGINE LOGBOOK ENTRY | | |
|----------------------|---------------------------------|------------------------------------|
| RFN Holdings LLC | Tail # N818RN TCM IO-360ES21 | Tach: 1299.3 Total time: 1299.3 |
| Date: 07/18/2015 | Serial #360689 | TSMOH: N/A |

Completed annual engine inspection IAW Cirrus Design SR20 MM checklist. Compressions: #1=62, #2=65, #3=65, #4=67, #5=60, #6=61/80 IAW TCM SB03-03. Master orifice reading 43. Serviced engine with 8 qts. Aeroshell W100 Plus oil, P/N AA48108-2 & BA24 filters. Cleaned, gapped & rotated spark plugs. ADs current through issue 2015-14. I certify that this engine has been inspected IAW an annual inspection and is found airworthy at this time

Signature:
Glenn Juber A&P IA 3438378, 5115 NW 98th Dr, Coral Springs, FL 33076

| ENGINE LOGBOOK ENTRY | | |
|----------------------|---------------------------------|------------------------------------|
| RFN Holdings LLC | Tail # N818RN TCM IO-360ES21 | Tach: 1349.3 Total time: 1349.3 |
| Date: 12/09/2015 | Serial #360689 | TSMOH: N/A |

Fuel boost pump reported inoperative. Checked breaker & relay, found power at pump connection. Removed cowl, removed defective boost pump and installed new 5217-00-3 pump serial #4734 overhauled by Quest Aviation.

Signature:
Glenn Juber A&P IA 3438378, 5115 NW 98th Dr, Coral Springs, FL 33076

| | | |
|------------|-----------|----------------------------------------------------------------------------------|
| 12-12-2015 | 1352-H TT | Installed new Skytec ST-3 starter sn 403-241506 IAW Cirrus SR20MM. AP 3438378 |
|------------|-----------|----------------------------------------------------------------------------------|

| ENGINE LOGBOOK ENTRY | | |
|----------------------|---------------------------------|------------------------------------|
| RFN Holdings LLC | Tail # N818RN TCM IO-360ES21 | Tach: 1379.1 Total time: 1379.1 |
| Date: 08/03/2016 | Serial #360689 | TSMOH: N/A |

Completed annual engine inspection IAW Cirrus Design SR20 MM checklist. Compressions: #1=66, #2=74, #3=68, #4=68, #5=69, #6=72/80 IAW TCM SB03-03. Master orifice reading 43. Serviced engine with 8 qts. Phillips 20W50XC oil, P/N AA48108-2 & BA24 filters. Cleaned, gapped & rotated spark plugs. ADs current through issue 2016-16. I certify that this engine has been inspected IAW an annual inspection and is found airworthy at this time

Signature:
Glenn Juber A&P IA 3438378, 5115 NW 98th Dr, Coral Springs, FL 33076