Engine Log & Maintenance Record

LOG #: 1

RECORD OF Cirrus Design Corp. (MAKE) SR20 (MODEL) 2745 (SERIAL)

AIRCRAFT REGISTRATION NUMBER: N124RR

FROM August 2021 TO _____ 20___

DETAILING TIME FROM _____ (HOURS) TO _____ (HOURS)

If used on a multi-engine aircraft: ____Right ____Left ____Front ____Rear

New Reciprocating Engine Certificate

LYCOMING™

This is to certify that the engine as described hereinafter has been manufactured and ground operation tested as prescribed by Lycoming specification and Federal Aviation Regulations. All applicable Federal Aviation Airworthiness Directives applicable Lycoming Service Publications have been complied with at time of manufacture. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Part Number	ENPL-RT11143
Serial Number	L-1550-80E
Engine Model	IO-390-C3B6
Work Order	KM781103
Total Time	0

[redacted] 6/22/21

Authorized Representative Date

Production Certificate #3

[redacted] U.S.A.

Lycoming Engines is a division of Avco Corporation

Form 777C Rev 05/13

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Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT FORWARD					

Beechcraft Piper

Miami, Florida 33186
P[redacted]

Date: 3/03/2022; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Total Time: 204.70; Engine - Type: IO-390-C3B6, S/N: L-1550-80E, Time: 204.70

1) PERFORMED 100 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS SR20 MAINTENANCE GUIDE.
2) DRAINED OIL, REPLACED FILTER ELEMENT, INSPECT OLD FILTER ELEMENT FOR METAL , NONE NOTED, SERVICED ENGINE WITH PHILLIPS 20W50 OIL , LEAK CHECK OK.
3) PERFORMED COMPRESSION CHECK ; #1 78/80, #2 79/80 , #3 76/80, #4 76/80.
4) CLEANED AND GAPPED ALL SPARK PLUGS.
5) CLEANED ENGINE AND APPLIED CORROSION 'X' TREATMENT .
6) INSTALLED NEW CRANKSHAFT SEAL AND O-RING P/N # LW-15678, P/N # C-3317-228.

THE ENGINE IDENTIFIED ABOVE WAS CHANGED AND OR PREPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 22-5762 DATE: 03/03/2022
SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A[redacted]

Beechcraft Piper

Miami, Florida 33186
P[redacted]

Date: 5/10/2022; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Total Time: 248.60; Engine - Type: IO-390-C3B6, S/N: L-1550-80E, Time: 248.60

1) INSTALLED NEW LEFT AND RIGHT MAGNETOS P/N # 66GP-0SANN , (4370) S/N # 21121035 AND P/N # 66GR15SANN , (4345) S/N # 22030530. OP'S CHECK OK.

THE ENGINE IDENTIFIED ABOVE WAS CHANGED AND OR PREPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 22-5855
DATE: 05/10/2022
SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO

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Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

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Date	Time Run (Hours)	Total Time Since Overhaul	
BROUGHT FORWARD			

Date: 5/18/2022; Aircraft: N124RR
Time: 258.30

1) PERFORMED 50 HR INSPECT
2) DRAINED OIL, REPLACED FIL
ENGINE WITH PHILLIPS 20W50
3) WASH ENGINE COMPARTME

THE ENGINE IDENTIFIED ABOV
THE FEDERAL AVIATION ADMIN
ENGINE ARE ON FILE UNDER C
DATE: 05/18/2022
SIGNATURE OF AUTHORIZED R

FOR: ADVANCED AIRCRAFT CE

Date: 7/21/2022, Aircraft: N124
Time: 306.80

1) PERFORMED 100 HR INSPE
2) DRAINED OIL, REPLACED F
ENGINE WITH PHILLIPS 20W5
3) CLEANED AND GAPPED AL
4) CLEANED ENGINE AND AP
5) PERFORMED COMPRESSI

THE ENGINE IDENTIFIED AB
THE FEDERAL AVIATION AD
ENGINE ARE ON FILE UNDE
DATE: 07/21/2022
SIGNATURE OF AUTHORIZE

FOR: ADVANCED AIRCRAFT

Page Total: _____

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Total to Date: _____

SSP-1

NSN: 0052-00-012-9005

2. AUTHORIZED RELEASE CERTIFICATE
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG
PRODUCTION CERTIFICATE #3
Name and Address:
LYCOMING ENGINES
652 OLIVER STREET
WILLIAMSPORT, PA 17701

8. Part Number: 66GP-0SANN
9. Quantity: 1
10. Serial Number: 21121035
11. Status/Work: NEW

MS-5679B0

gine Log

Serial # _____

Repairs, Adjustments, Service, Remarks	Signature	Licence #

Beechcraft
Piper

[redacted]

Ph: [redacted]

9/13/2022; Aircraft: N124RR; Type: Cirrus SR20; Total Time: 358.60; Engine - Type: IO-390-C3B6, S/N: L-1550-80E, Time: 8.60

1) PERFORMED ANNUAL/100 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS SR20 CMX MAINTENANCE GUIDE.
2) DRAINED OIL, REPLACED FILTER ELEMENT , INSPECT OLD FILTER ELEMENT FOR METAL, NONE NOTED , SERVICED ENGINE WITH PHILLIPS 20W50 MINERAL OIL, LEAK CHECK OK
3) PERFORMED COMPRESSION CHECK : #1 78/80, #2 78/80, #3 10/80, #4 76/80.
4) INSTALLED REPAIRED #3 CYLINDER ASSY P/N # 30180-02/IO-390, S/N # 76557-2215008 , UNDER WORK ORDER # 59272-000 , FORM TRACKING NUMBER # 75240 BY CERTIFIED ENGINES UNLIMITED, INC.
5) CLEANED AND GAPPED ALL SPARK PLUGS.

THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION UNDER FAR 43 100 HOUR/ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE, ALL APPLICABLE ADS HAVE BEEN REVIEWED AND UPDATED; PERTINENT DETAILS OF THE REPAIR ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCE NUMBER : 22-5960
DATE: 09/13/2022
SIGNATURE OF AUTHORIZED REPRESENTATIVE: [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P[redacted]

Beechcraft
[redacted]

Date: 11/14/2022; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Total Time: 404.60; Engine - Type: IO-390-C3B6, S/N: L-1550-80E, Time: 404.60

1) PERFORMED 50 HR INSPECTION IN ACCORDNACE WITH THE CIRRUS SR20 MAINTENANCE GUIDE.
2) DRAINED OIL, REPLACED FILTER ELEMENT , INSPECT OLD FILTER ELEMENT FOR METAL, NONE NOTED, SERVICED ENGINE WITH PHILLIPS 20W50 OIL, LEAK CHECK OK.
3) INSTALLED NEW CRANKSHAFT SEAL P/N # LW-15628.
4) INSTALLED NEW SLICK START MODULE P/N # 35133-001. OP'S CHECK OK.

THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 22-6021
DATE: 11/14/2022
SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P0[redacted]

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Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

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Date	Time Run (Hours)	Si
BROU[illegible]T FORWARD		

Date: 1/2
Time: 45

1) PERF
2) DRAIN
ENGINE
3) CLEA
4) INSTA
ENGINE
5) INSTA
6) INSTA

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ENGINE
DATE: 0
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FOR: AD

Date: 3/02/20
Time: 508.40

1) PERFORM
2) DRAINED
ENGINE WIT

THE ENGINE
THE FEDERA
ENGINE ARE
DATE: 03/02/
SIGNATURE

FOR: ADVAN

Page Total: _____

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Total to Date:

Certifies the items identified above were manufactured in conformity to:

☐ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 12.

Authorized Signature:

13d. Name (Typed or Printed):

13e. Date (dd/mmm/yyyy):

13c. Approval/Authorization

It is important to understand that the existence of this document alone does not automatical
[illegible] performs work in accordance with the national regulations of an a
[illegible]t the user/installer ensures that his/her airworthiness authority ac
[illegible]ks 13a and 14a do not constitute installation certification. In all cases, ai
[illegible]e user/installer before the aircraft may be flown.

User/Installe

Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT FORWARD					

ADVANCED AIRCRAFT CENTER
Beechcraft
Piper
[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 1/24/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Total Time: 459.40; Engine - Type: IO-390-C3B6, S/N: L-1550-80E, Time: 459.40

1) PERFORMED CMX 100 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS SR20 MAINTENANCE GUIDE.
2) DRAINED OIL, REPLACED FILTER ELEMENT , INSPECT OLD FILTER ELEMENT FOR METAL, NONE NOTED, SERVICED ENGINE WITH PHILLIPS 20W50 MINERAL OIL, LEAK CHECK OK.
3) CLEANED ENGINE AND APPLIED CORROSION 'X' TREATMENT.
4) INSTALLED REPAIRED #2 CYLINDER ASSY P/N # 30180-02, S/N # 21920M21, UNDER WORK ORDER # 60138 BY CERTIFIED ENGINES UNLIMITED, INC.
5) INSTALLED NEW ENGINE CRANKSHAFT SEAL P/N # LV15628.
6) INSTALL NEW 8 EACH SPARKPLUGS P/N# UREB37E

THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 23-6175
DATE: 01/24/2023
SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P[redacted]

ADVANCED AIRCRAFT CENTER
Beechcraft
Piper
[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 3/02/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Total Time: 508.40; Engine - Type: IO-390-C3B6, S/N: L-1550-80E, Time: 508.40

1) PERFORMED 50 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS SR20 MAINTENANCE GUIDE.
2) DRAINED OIL, REPLACED FILTER ELEMENT , INSPECT OLD FILTER ELEMENT FOR METAL, NONE NOTED, SERVICED ENGINE WITH PHILLIPS 20W50 OIL, LEAK CHECK OK.

THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 23-6270
DATE: 03/02/2023
SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&[redacted]

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All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

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Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence
BROUGHT FORWARD					

ADVANCED AIRCRAFT — Beechcraft — Piper

[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 3/14/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Total Time: 550.30; Engine - Type: IO-390-C3B6, S/N: L-1550-80E, Time: 550.30

1) PERFORMED 100 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS MAINTENANCE GUIDE.
2) DRAINED OIL, REPLACED FILTER ELEMENT , INSPECT OLD FILTER ELEMENT FOR METAL, NONE NOTED, SERVICED ENGINE WITH PHILLIPS 20W50 OIL, LEAK CHECK OK.
3) PERFORMED COMPRESSION CHECK : #1 74/80, #2 78/80, #3 73/80, #4 64/80.
4) INSTALLED NEW SPARK PLUG P/N # URHB37E . CLEANED AND GAPPED ALL SPARK PLUGS.
5) ADJUSTED MAGNETO TIMING TO SPECS.
6) RETORQUE DEEP STICK TUBE AND SECURED.
7) INSTALLED NEW #3 ROCKER COVER BOX GASKET .
8) WASH ENGINE AND APPLIED CORROSION 'X' TREATMENT.
9) INSTALLED NEW HARDWARE ON HEATSHIELD FUEL SERVO.

THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 23-6283
DATE: 03/14/2023
SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P073

ADVANCED AIRCRAFT

[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 5/10/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Total Time: 600.50; Engine - Type: IO-390-C3B6, S/N: L-1550-80E, Time: 600.50

1) CIRRUS MAINTENANCE PROGRAM CMX IN SERVICE INSPECTION (50 HR INSPECTION)
2) PERFORMED ENGINE OPERATIONAL AND FUNCTION CHECK IAW CIRRUS AMM 5-30
3) PERFORMED ENGINE 50 HR INSPECTION IAW CIRRUS AMM 5-20 CONTINENTAL M.M.
4) DRAINED ENGINE OIL AND SERVICED WITH 20W50 PHIILIPS OIL. REPLACED OIL FILTER WITH NEW.
5) PERFORMED PARTICULATE INSPECTION ON FILTER, NO DISCREPANCIES NOTED. RUN UP AND LEAK CHECKS PERFORMED WITH NO DISCREPANCIES NOTED. ALL WORK ACCOMPLISHED IAW CIRRUS AMM 12-10 AND CONTINENTAL M.M.

THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 23-6284
DATE: 05/10/2023
SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P073

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Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT FORWAI					

06/20/2023
Flight: 659.3
Hobbs: 942.0

N124RR
IO-390-C3B6
S/N: L-1550-80E

Horizon Avionics, Inc.
[redacted]
[redacted]oa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

ENGINE LOG ENTRY

Performed Engine Maintenance Program CMX 100 Hour Inspection. Researched aircraft records for applicable airworthiness directives through current date. Preformed engine operational and functional check IAW Cirrus AMM 05-20 and Lycoming MM. Drained oil and serviced 7 qts Phillips 20W50 X/C. Replaced oil filter with AA48110-2. Preformed particulate inspection, no discrepancies noted. All work accomplished IAW Cirrus AMM 12-10 and Lycoming MM. Preformed cylinder compression check as follows: 1)74 2)64 3)65 4)74 all over 80 PSI. ground ran, leak and operational check good.

MAINTENANCE RELEASE

In reference to the work listed above, this engine was determined to be in an airworthy condition and is approved for return to service. Pertinent details are on file under Work Order No. M6176.

Signed: [redacted] Cert. No: [redacted] Date: 6/20/23

For Horizon Avionics, Inc.

ADVANCED AIRCRAFT CENTER
CESSNA • PIPER • BEECHCRAFT • CIRRUS • MOONEY

[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 8/03/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Total Time: 729.10; Engine - Type: IO-390-C3B6, S/N: L-1550-80E, Time: 729.10

1) PERFORMED MAINTENANCE PROGRAM INSPECTION (100 HR INSPECTION)
2) PERFORMED ENGINE OPERATIONAL AND FUNCTION CHECK IAW CIRRUS AMM 5-30
3) PERFORMED ENGINE 100 HR INSPECTION IAW CIRRUS AMM 5-20 .
4) DRAINED ENGINE OIL AND SERVICED WITH PHILLIPS 20W50 OIL, REPLACED OIL FILTER WITH NEW.
5) PERFORMED PARTICULATE INSPECTION ON FILTER, NO DISCREPANCIES NOTED.
6) PERFORMED CYLINDER DIFFERENTIAL COMPRESSION CHECKS AND BORESCOPE INSPECTIONS . NO DISCREPANCIES NOTED. COMPRESSION RESULTS AS FOLLOW : #1 79/80, #2 77/80, #3 72/80, #4 59/80.
7) INSTALLED NEW #1 SPARK PLUG P/N # UREB37E . CLEANED AND GAPPED ALL SPARK PLUGS.
8) ADJUSTED LEFT AND RIGHT MAGNETO TIMING TO SPECS.

THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 23-6512
DATE: 08/03/2023
SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P07[redacted]

Page Total:

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Total to Date:

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

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Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature
BROUGHT FORWARD				

ADVANCED AIRCRAFT
[redacted]
Miami, Florida 33186
Ph:[redacted]

Date: 10/09/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Total Time: 826.00; Engine - Type: IO-390-C3B6, S/N: L-1550-80E, Time: 826.00

1) PERFORMED ANNUAL/100 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS SR20 MAINTENANCE MANUAL.
2) PERFORMED COMPRESSION CHECK : #1 72/80, #2 74/80, #3 72/80, #4 60/80.
3) DRAINED OIL, REPLACED FILTER ELEMENT , INSPECT OLD FILTER ELEMENT FOR METAL, NONE NOTED, SERVICED ENGINE WITH PHILLIPS 20W50 OIL, LEAK CHECK OK.
4) ADJUSTED LEFT AND RIGHT MAGNETO TIMING PER SPECS.
5) CLEANED AND GAPPED ALL SPARK PLUGS.
6) PERFORMED BORESCOPE INSPECTION.
7) PERFORMED LEFT AND RIGHT 500 HR MAGNETO INSPECTION.
INSTALLED NEW RIGHT MAGNETO P/N # 4370, S/N # 21110361 , UNDER WORK ORDER # 027585, FORM TRACKING NUMBER # 563095-11001 BY CHAMPION AEROSPACE, LLC. NEXT INSPECTION DUE : FLT 1326.0
INSTALLED NEW LEFT MAGNETO P/N # 4345, S/N # 23040007 ,UNDER WORK ORDER # P104133-00, FORM TRACKING NUMBER # 582287-00-001 BY CHAMPION AEROSPACE , LLC. NEXT INSPECTION DUE :FLT 1326.0
8) WASHED ENGINE.AND APPLIED CORROSION 'X' TREATMENT

THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION UNDER FAR 43 100 HOUR/ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE, ALL APPLICABLE ADS HAVE BEEN REVIEWED AND UPDATED; PERTINENT DETAILS OF THE REPAIR ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCE NUMBER : 23-6414
DATE: 09/27/2023
SIGNATURE OF AUTHORIZED REPRESENTATIVE:

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P[redacted]

ADVANCED AIRCRAFT
[redacted]
Miami, Florida 33186
[redacted]

Date: 1/11/2024; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Total Time: 923.40; Engine - Type: IO-390-C3B6, S/N: L-1550-80E, Time: 923.40

1) PERFORMED MAINTENANCE PROGRAM INSPECTION (100 HR INSPECTION)
2) PERFORMED ENGINE OPERATIONAL AND FUNCTION CHECK IAW CIRRUS AMM 5-30
3) PERFORMED ENGINE 100 HR INSPECTION IAW CIRRUS AMM 5-20 .
4) DRAINED ENGINE OIL AND SERVICED WITH PHILLIPS 20W50 OIL, REPLACED OIL FILTER WITH NEW.
5) PERFORMED PARTICULATE INSPECTION ON FILTER, NO DISCREPANCIES NOTED.
6) PERFORMED CYLINDER DIFFERENTIAL COMPRESSION CHECKS AND BORESCOPE INSPECTIONS . NO DISCREPANCIES NOTED. COMPRESSION RESULTS AS FOLLOW #1 70/80, #2 72/80, #3 69/80, #4 70/80.
7) INSTALLED LEFT MAGNETO GASKET P/N # LW-12681.
8) WASHED ENGINE AND APPLIED CORROSION 'X' TREATMENT.
9) PERFORMED BORESCOPE INSPECTION
10) CLEANED AND GAPPED ALL SPARK PLUGS.
11) ADJUSTED LEFT AND RIGHT MAGNETO TIMING PER LYCOMING IO-390 M.M.

THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER [redacted]
DATE : 01/11/2024
SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A[redacted]

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nature	Licence #

Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT FO					

Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence
BR					

ADVANCED AIRCRAFT SERVICE

[redacted]
Miami, Florida 33186
Ph[redacted]

Date: 5/15/2024; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Total Time: 1080.60; Engine - Type: IO-390-C3B6, S/N: L-1550-80E, Time: 1080.60

1) CIRRUS MAINTENANCE PROGRAM CMX IN SERVICE INSPECTION (100 HR INSPECTION) .
2) PERFORMED ENGINE OPERATIONAL AND FUNCTION CHECK IAW CIRRUS AMM 5-30.
3) PERFORMED ENGINE 100 HR INSPECTON IAW CIRRUS AMM 5-20 AND LYCOMING MAINTENANCE MANUAL.
4) DRAINED ENGINE OIL AND SERVICED WITH PHILLIPS 20W50 OIL. REPLACED OIL FILTER WITH NEW. PERFORMED PARTICULATE INSPECTION ON FILTER, NO DISCREPANCIES NOTED, REMOVED, INSPECTED, CLEANED AND REINSTALLED OIL SUCTION SCREEN, NO DISCREPANCIES NOTED. RUN UP AND LEAK CHECKS PERFORMED WITH NO DISCREPANCIES NOTED. ALL WORK ACCOMPLISHED IAW CIRRUS AMM 12-10 AND LYCOMING MAINTENANCE MANUAL.
5) PERFORMED CYLINDER BORESCOPE INSPECTION, DIFFERENTIAL COMPRESSION CHECK AND INERCYLINDER BAFFLE INSPECTION IAW LYCOMING MAINTENANCE MANUAL. COMPRESSION RESULTS AS FOLLOWS : #1 76/80, #2 74/80, #3 55/80, #4 66/80.
6) CLEANED ALL FUEL NOZZLES. NEXT INSPECFTION DUE : 1380.60
7) ADJUSTED LEFT AND RIGHT MAGNETO TIMING PER CIRRUS SR20 M.M. AND LYCOMING SPECS.
8) INSTALLED NEW #1, #3, #4 SPARK PLUGS P/N # URHB37E.
9) ADJUSTED IDLE/MIXTURE AS PER AVSTAR LETTER : AFS-SIL-01.
10) WASHED ENGINE AND APPLIED CORROSION "X' TREATMENT.

THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 24-6927
DATE : 05/15/2024
SIGNATURE OF AUTHORIZED REPRESENTATIVE

[redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P073[redacted]

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Total to Date: _____

All repair data must bear the endorsement o a certified mechanic, and his/her rating an certificate number MUST be shown.

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Date
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AIRCRAFT LOG
AF5-1

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

ADVANCED AIRCRAFT CENTER
Beechcraft Piper
[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 5/25/2022; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 385.00; Total Time: 258.30

1) PERFORMED 50 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS SR20 MAINTENANCE GUIDE.
2) INSTALLED NEW LEFT AND RIGHT BRAKE PADS P/N # 31392-105.
3) INSTALLED NEW AIR FILTER P/N # 31077-002.
4) APPLIED APPROVED SEALANT TO TABS ON AILERON GAP SEALS.
5) INSTALLED NEW CENTER CONSOLE LANYARD P/N # 15069-001.

THE AIRFRAME IDENTIFIED ABOVE WAS CHANGED AND OR REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE AIRFRAME ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCE NUMBER : 22-5855
DATE: 05/18/2022
SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 7/21/2022; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 454.70; Total Time: 306.80

1) PERFORMED 100 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS SR20 CMX MAINTENANCE GUIDE.
2) PERFORMED SIX POINT CHECK:
SERVICED TIRES WITH NITROGEN
INSPECTED BRAKES
REPLENISHED BRAKE FLUID RESERVIOR
CHECKED ALL EXTERIOR LIGHTS
LUBRICATED ALL DOOR LOCKS AND LATCHES
CHECKED BATTERY
3) INSTALLED NEW AIR MIXTURE BOX SPRING ,P/N # 51891-001.

THE AIRFRAME IDENTIFIED ABOVE WAS CHANGED AND OR REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE AIRFRAME ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCE NUMBER : 22-5949
DATE: 07/21/2022
SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P07

☒ approved design data and are in a condition for safe operation
données de conception approuvées et sont en état de fonctionner en toute sécurité

☐ non-approved design data specified in block 12
données de conception non approuvées spécifiées dans la case 12

13b. Authorised Signature / *Signature autorisée* [redacted]	13c. Approval/Authorisation Number / *Numéro d'agrément/d'autorisation* [redacted]
13d. Name / *Nom* JAMPASEN Prathuan	13e. Date (dd mmm yyyy) / *Date (jj mmm aaaa)* 27 Apr 2022

USER/INSTALLER RESPONSIBILITIES / ***Responsabilités de l'utilisateur/installateur***
This certificate does not automatically constitute authority to install the item(s).
Ce document ne constitue pas forcément l'autorisation d'installer l'(es) item(s)

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the a
authority accepts items from the airworthiness authority specified in block 1.
Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de l'a
son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans la case 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records m
the aircraft may be flown.
Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les ca
règlements nationaux par l'utilisateur/installateur avant que l'aéronef puisse voler.

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P07 [redacted]

SIGNATURE OF AUTHORIZED REPRESENTATIVE:

DATE: 09/13/2022
FILE UNDER CORRESPONDING SHOP ORDER REFERENCE NUMBER: 22-5960

TO SERVICE, ALL APPLICABLE ADS HAVE BEEN REVIEWED AND UPDATED; PERTINENT DETAILS OF THE REPAIR ARE ON
THE FEDERAL AVIATION ADMINISTRATION UNDER FAR 43 100 HOUR/ANNUAL INSPECTION AND IS APPROVED FOR RETURN
THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF

Date: 9/13/2022; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 520.60; Total Time: 358.60

1) PERFORMED ANNUAL/100 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS SR20 CMX MAINTENANCE GUIDE.
2) FAR 91.411/91.413 PITOT-STATIC/TRANSPONDER CERTIFICATION NEXT DUE : 07/14/2023.
3) FAR 91.207 ELT INSPECTION, BATTERY NEXT DUE :11/2027
4) INSPECTED CABIN FIRE EXTINGUISHER , NEXT DUE : 09/2023
5) INSTALLED NEW SPRING FOR THE AIR MIXTURE BOX ASSY , P/N # 51891-001.
6) INSTALLED NEW MAIN LANDING GEAR MICHELIN TIRES, P/N # 025-501-1 , INSTALLED NEW (2 EACH) O-RINGS P/N # 3149 3-110. SERVICED TIRES WITH NITROGEN.
7) PERFORMED SIX POINT CHECK:
SERVICED TIRES WITH NITROGEN
INSPECTED BRAKES
REPLENISHED BRAKE FLUID RESERVIOR
CHECKED BATTERY
CHECKED ALL EXTERIOR LIGHTS
LUBRICATED ALL DOOR LOCKS & LATCHES
8) WASH AIRCRAFT.

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF

[redacted]
Miami, Florida 33186
Ph: [redacted]

Beechcraft
Piper
ADVANCED AIRCRAFT

INSPECTION RECORD
F.A.R. 43.11 –91 .409

	AIRCRAFT TIME	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

ADVANCED AIRCRAFT CENTER
Beechcraft
Piper
[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 11/14/2022; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 582.20; Total Time: 404.60

1) PERFORMED 50 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS SR20 MAINTENANCE GUIDE.
2) PERFORMED SIX POINT CHECK:
SERVICED TIRES WITH NITROGEN
INSPECTED BRAKES
REPLENISHED BRAKE FLUID RESERVIOR
CHECKED BATTERY
CHECKED ALL EXTERIOR LIGHTS
LUBRICATED ALL DOOR LOCKS & LATCHES
3) PERFORMED CIRRUS SB 2X-57-14 FLIGHT SURFACES - AILERON GAP INSPECTION. INSTALLED NEW LEFT AND RIGHT GAP SEALS P/N # 14390-003.

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE AIRFRAME ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 22-6024
DATE: 11/14/2022

SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P07

Date: 1/24/
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e navigabilité différente de l'a
ss authority different than the a

authority accepts items from the airworthiness authority specified in block 1.

Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de
son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans la case 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records m
the aircraft may be flown.

Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les ca
règlements nationaux par l'utilisateur/installateur avant que l'aéronef puisse voler.

EASA Form 1 Issue 2 / *Formulaire 1 de l'EASA Edition 2*

CHECKED BATTERY
3) INSTALLED NEW PIVOT POINT LANYARD FOR CENTER CONSOLE P/N # 15062-001.
4) FLIPPED RIGHT MAIN LANDING GEAR TIRE. INSTALLED NEW O-RING P/N # 31493-110. SERVICED TIRE WITH NITROGEN.
5) INSTALLED NEW LEFT MAIN LANDING GEAR TIRE, P/N # 025-501-0, INSTALLED NEW O-RING P/N # 31493-110, SERVICED WITH NITROGEN
6) INSTALLED NEW LEFT AND RIGHT BRAKE PADS P/N # 31392-105.
7) CLEANED NLG FORK ASSY AND SECURE SPECS.
8) INSTALL NEW AIRFILTER P/N# 31077-002

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE AIRFRAME ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 23-6175
DATE: 01/24/2023

SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P [redacted]

INSPECTION RECORD
F.A.R. 43.11-91.409

Beechcraft Pilot
ADVANCED AIRCRAFT

[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 1/24/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 659.00 **FLT: 459.40**

1) PERFORMED CMX 100 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS SR20 CMX MAINTENANCE GUIDE.
2) PERFORMED SIX POINT CHECK:
SERVICED TIRES WITH NITROGEN
INSPECTED BRAKES
REPLENISHED BRAKE FLUID RESERVIOR
CHECKED ALL EXTERIOR LIGHTS
LUBRICATED ALL DOOR LOCKS AND LATCHES
CHECKED BATTERY
3) INSTALLED NEW PIVOT POINT LANYARD FOR CENTER CONSOLE P/N # 15062-001.

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

DATE

ADVANCED AIRCRAFT [redacted]
Beechcraft
Piper

Miami, Florida 33186
Ph: [redacted]

Date: 3/02/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 735.30; Total Time: 508.40

1) PERFORMED 50 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS SR20 MAINTENANCE GUIDE.
2) INSTALLED NEW RIGHT MAIN LANDING GEAR GOODYEAR TIRE P/N # 156E66T1 , INSTALLED NEW O-RING P/N # 31493-110. SERVICED TIRE WITH NITROGEN.

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE AIRFRAME ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 23-6270
DATE: 03/02/2023

SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P[redacted]

[redacted]

☒ approved design data and are in a condition for safe operation

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

ADVANCED AIRCRAFT CENTER
Beechcraft
Piper
[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 3/14/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 786.30; Total Time: 550.30

1) PERFORMED 100 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS SR20 MAINTENANCE GUIDE.
2) PERFORMED SIX POINT CHECK :
SERVICED TIRES WITH NITROGEN
REPLENISHED BRAKE FLUID RESERVIOR
CHECKED BATTERY
CHECKED ALL EXTERIOR LIGHTS
LUBRICATED ALL DOOR LOCKS AND LATCHES
INSPECTED BRAKES.
3) FLIPPED LEFT MAIN LANDING GEAR TIRE . SERVICED TIRE WITH NITROGEN.
4) INSTALLED NEW ENGINE AIR FILTER P/N # 31077-002.
5) PAINTED PROPELLER BACK FACE.
6) BLEND PROPELLER BLADES.
7) INSTALLED NEW NOSE LANDING GEAR GOODYEAR TIRE, P/N # 505T08-1 . SERVICED TIRE WITH NITROGEN.
8) ADJUSTED LEFT AND RIGHT CABIN DOOR AIRFRAME SEALS.

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE AIRFRAME ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 23-6283
DATE: 03/14/2023

SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P0[redacted]

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE

ADVANCED AIRCRAFT CENTER

[redacted]

Miami, Florida 33186

Ph: [redacted]

Date: 5/10/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 857.30; Total Time: 600.50

1) CIRRUS MAINTENANCE PROGRAM CMX IN SERVICE INSPECTION (50 HR INSPECTION)
2) RESEARCHED AIRCRAFT RECORDS FOR APPLICABLE AIRWORTHINESS DIRECTIVES THROUGH CURRENT BY-WEEKLY
3) RESEARCHED AIRCRAFT RECORDS FOR APPLCABLE CIRRUS MANDATORY SERVICE BULLETINS THAT ARE DUE.
4) PERFORMED ENGINE 50 HR INSPECTION IAW CIRRUS AMM 5-20.
5) SERVICED GASCOLATOR IAW CIRRUS AMM 28-20.
6) SERVICED BRAKE FLUID RESERVIOR IAW CIRRUS AMM 12-10.
7) INSTALLED NEW RIGHT ENGINE MOUNT P/N # 35196-001.
8) SECURED LEFT AND RIGHT UPPER CABIN DOOR PANELS.
9) INSTALLED NEW #4 WELDMENT HEATSHIELD P/N # P/N # 38756-002.
10) INSTALLED NEW ENGINE MOUNT HEATSHIELD SERVO P/N # 26372-002.
11) INSTALLED NEW NOSE OLEO STRUT P/N ## 27057-002
12) REPAIRED CO-PILOT CUP HOLDER.
13) INSTALLED NEW LEFT AND RIGHT BRAKE PADS P/N # 31392-105.
14) INSTALLED NEW NOSE NOSE STRUT SEAL P/N# 53361-001.

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCED NUMBER : 23-6284
DATE : 05/10/2023
SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR : ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P [redacted]

☒ approved design data and are in a condition for safe operation

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

06/20/2023
Flight: 659.3
Hobbs: 942.0

N124RR
Cirrus SR20
S/N: 2745

Horizon Avionics, Inc.
[redacted]Alcoa, TN 37701. Tel: [redacted]

AIRFRAME LOG ENTRY

Performed Cirrus Maintenance Program CMX 100 Hour Inspection. Researched aircraft records for applicable airworthiness directives through current date. Researched aircraft records for applicable Cirrus Mandatory Service Bulletins that are due. Serviced gascolator IAW Cirrus AMM 28-20. Adjusted copilot sun visor as required for proper operation. Serviced brake fluid resivior IAW Cirrus AMM 12-10.

MAINTENANCE RELEASE

In reference to the work listed above, this aircraft was determined to be in an airworthy condition and is approved for return to service. Pertinent details are on file under Work Order No. M6176.

Signed: [redacted] Date: 6/20/23

For Horizon Avionics, Inc.

INSPECTION RECORD
F.A.R. 43.11–91.409

ADVANCED AIRCRAFT
[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 8/03/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 1031.00; Total Time: 729.10

1) PERFORMED CIRRUS MAINTENANCE PROGRAM INSPECTION (100 HR INSPECTION)
2) RESEARCHED AIRCRAFT RECORDS FOR APPLICABLE AIRWORTHINESS DIRECTIVES.
3) SERVICED GASCOLATOR IAW CIRRUS AMM 28-20.
4) PERFORMED NLG STRUT ASSEMBLY INSPECTION IAW AMM 32-20.
5) INSTALLED NEW LEFT AND RIGHT MAIN LANDING GEAR MICHELIN TIRES, P/N # 025-501-0 . INSTALLED NEW O-RINGS P/N # 31493-110. SERVICED TIRES WITH NITROGEN.
6) SERVICED NOSE OLEO STRUT WITH NITROGEN AND HYDRAULIC FLUID.
7) INSTALLED NEW LEFT CUP HOLDER P/N # 51179-001.
8) PERFORMED SIX POINT CHECK:
SERVICED TIRES WITH NITROGEN
INSPECTED BRAKES
REPLENISHED BRAKE FLUID RESERVIOR
CHECKED BATTERY
CHECKED ALL EXTERIOR LIGHTS
LUBRICATED ALL DOOR LOCKS & LATCHES
9) INSTALLED NEW ARM REST PIVOT POINT LANYARD P/N # 15062-001.

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCED NUMBER : 23-6512
DATE : 08/03/2023
SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR : ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P [redacted]

☒ approved design data and are in a condition for safe operation

INSPECTION RECORD

[redacted]
Miami, Florida 33186
Ph: 30[redacted]

Date: 10/09/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 1155.40; Total Time: 826.00

1) PERFORMED ANNUAL/100 HR INSPECTION IN ACCORDANCE WITH THE CIRRUS SR20 MAINTENANCE MANUAL.
2) FAR 91.411/91.413 PITOT-STATIC/TRANSPONDER CERTIFICATION PERFORMED BY PENINSULA AVIONICS, NEXT DUE : 10/2025.
3) FAR 91.207 ELT INSPECTION. BATTERY NEXT DUE : 11/2027.
4) INSPECTED CABIN FIRE EXTINGUISHER WEIGHT : 2 LBS, NEXT DUE : 10/2024.
5) PERFORMED CAPS ELECTRICAL INSPECTION.
6) INSTALLED NEW ENGINE AIR FILTER P/N # 31077-002
7) SERVICED NLG OLEO STRUT WITH NITROGEN.
8) INSTALLED NEW NLG TRUSH WASHER P/N # 50545-001. ADJUSTED NLG STEERIG DEFLECTION TENSION.
9) INSTALLED NEW LEFT AND RIGHT BRAKE PADS, P/N # 31392-105.
10) FLIPPED LEFT AND RIGHT MAIN LANDING GEAR TIRES. INSTALLED NEW (2 EACH) O-RINGS P/N # 31493-110. SERVICED TIRES WITH NITROGEN.
11) INSTALLED NEW (2 EACH) #2 BATTERIES, P/N # 50979-001. . (2 YEAR ITEM) NEXT DUE : 10/2025.
12) PERFORMED ALTERNATOR #1 500 HR INSPECTION . INSTALLED NEW BRUSH HOLDER ASSEMBLY , P/N # ALU-3045BS. NEXT DUE : FLT 1326.0
13) PERFORMED ALTERNATOR #2 500 HR INSPECTION. INSTALLED NEW BRUSH HOLDER ASSY P/N # 40278. NEXT DUE : FLT 1326.0
14) PERFORMED CIRRUS SB 2X-25-30 BOLT ADJUSTMENT - INSPECTED AND ADJUSTED CREW SEAT OVER BOLT TO SPECS AND SERVICE BULLETIN.
15) PERFORMED CIRRUS 2X-42-23 INTEGRATED MODULAR AVIONICS - UPDATE FIRMWARE , CHECK FOR CAS MESSAGES . SYSTEM OK.
16) INSTALLED NEW ENGINE COWLING SEAL P/N # 53168-125U.

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

ADVANCED AIRCRAFT
[redacted]
Miami, Florida 33186
Ph: [redacted]

17) INSTALLED NEW LEFT AND RIGHT WING TIP SEALANT WITH 3M UV BLACK SEALANT.
18) SEALED FUSELAGE TOP ANTENNAS WITH 3M UV WHITE SEALANT.
19) APPLIED NEW SEALANT TO ALL WINDOWS WITH 3M UV BLACK SEALANT.
20) INSTALLED NEW RIGHT INNER NO STEP DECALS P/N # 12433-001
21) INSTALLED NEW RESCUE GRAPHIC OVERLAY PLACARDS P/N # 12437-007.

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION UNDER FAR 43 100 HOUR/ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE, ALL APPLICABLE ADS HAVE BEEN REVIEWED AND UPDATED; PERTINENT DETAILS OF THE REPAIR ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCE NUMBER : 23-6520
10/09/2023
SIGNATURE OF AUTHORIZED REPRESENTATIVE:

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P[redacted]

☒ approved design data and are in a condition for safe operation

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

ADVANCED AIRCRAFT
[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 11/29/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 1230.70; Total Time: 881.80

1) CIRRUS MAINTENANCE PROGRAM CMX IN SERVICE INSPECTION (50 HR INSPECTION)
2) RESEARCHED AIRCRAFT RECORDS FOR APPLICABLE AIRWORTHINESS DIRECTIVES .
3) RESEARCHED AIRCRAFT RECORDS FOR APPLCABLE CIRRUS MANDATORY SERVICE BULLETINS .
4) PERFORMED ENGINE 50 HR INSPECTION IAW CIRRUS AMM 5-20.
5) SERVICED GASCOLATOR IAW CIRRUS AMM 28-20.
6) SERVICED BRAKE FLUID RESERVIOR IAW CIRRUS AMM 12-10.
7) SERVICED NLG OLEO STRUT WITH NITROGEN AND HYDRAULIC FLUID.
8) INSTALLED NEW INDUCTION AIR FILTER P/N # 31077-002.
9) INSTALLED NEW LEFT AND RIGHT AERO-TECT FILM ON SIDE STEPS.

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCED NUMBER : 23-6676
DATE : 11/29/2023
SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR : ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER

approved design data and are in a condition for safe operation

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE	AIRCRAFT TIME	KIND OF INSPECTION–STATUS & DISCREPANCY LIST CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

ADVANCED AIRCRAFT
SERVICE • CIRRUS • CESSNA • PIPER • MOONEY

[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 11/29/2023; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Total Time: 881.80; Engine - Type: IO-390-C3B6, S/N: L-1550-80E, Time: 881.80

1) CIRRUS MAINTENANCE PROGRAM CMX IN SERVICE INSPECTION (50 HR INSPECTION)
2) PERFORMED ENGINE OPERATIONAL AND FUNCTION CHECK IAW CIRRUS AMM 5-30
3) PERFORMED ENGINE 50 HR INSPECTION IAW CIRRUS AMM 5-20 CONTINENTAL M.M.
4) DRAINED ENGINE OIL AND SERVICED WITH 20W50 PHIILIPS OIL. REPLACED OIL FILTER WITH NEW.
5) PERFORMED PARTICULATE INSPECTION ON FILTER, NO DISCREPANCIES NOTED. RUN UP AND LEAK CHECKS PERFORMED WITH NO DISCREPANCIES NOTED.
6) WASHED ENGINE AND APPLIED CORROSION "X' TREATMENT.

THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFENCED NUMBER : 23-6676
DATE : 11/29/2023
SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&[redacted]

A&P 07354036IA

☒ approved design data and are in a condition for safe operation

DATE

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

ADVANCED AIRCRAFT

[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 1/11/2024; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 1290.60; Total Time: 923.40

1) PERFORMED CIRRUS MAINTENANCE PROGRAM INSPECTION (100 HR INSPECTION)
2) RESEARCHED AIRCRAFT RECORDS FOR APPLICABLE AIRWORTHINESS DIRECTIVES.
3) SERVICED GASCOLATOR IAW CIRRUS AMM 28-20.
4) PERFORMED NLG STRUT ASSEMBLY INSPECTION IAW AMM 32-20.
5) ADJUSTED NOSE STEERING DEFLECTION TENSION.
6) INSTALLED NEW NLG OLEO STRUT P/N # 27057-002.
7) INSTALLED NEW LEFT AND RIGHT CABIN DOOR SEALS P/N # 52010-010.
8) INSTALLED NEW NLG STRUT FAIRING SEAL P/N # 53361-001
9) INSTALLED NEW LEFT MAIN LANDING GEAR MICHELIN TIRE, P/N # 025-501-0 . INSTALLED NEW O-RING P/N # 31493-110. SERVICED TIRE WITH NITROGEN.
10) FLIPPED RIGHT MAIN LANDING GEAR TIRE. INSTALLED NEW O-RING P/N # 31493-110. SERVICED TIRE WITH NITROGEN.
11) INSTALLED NEW LEFT BRAKE PADS, P/N # 31392-105.

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCED NUMBER : 23-6625
DATE : 01/11/2024
SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR : ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P [redacted]

INSPECTION RECORD
F.A.R. 43.11 –91.409

DATE

[redacted]
Miami, Florida 33186
Ph: [redacted]

Date: 2/23/2024; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 1369.70; Total Time: 979.90

1) PERFORM CIRRUS 100 HOUR INSPECTION IN ACCORDANCE WITH CIRRUS SR20 MAINTENANCE MANUAL.
2) FLIPPED LH MLG TIRE AND SERVICED WITH NITROGEN, INSTALLED NEW MLG O-RING P/N# 31493-110
3) INSTALLED NEW RH LOWER ENGINE ISOLATOR MOUNT P/N# 35196-001
4) INSTALLED NEW RH TIRE P/N# 025-501-0 AND O-RING P/N# 31493-110, SERVICED WITH NITROGEN.
5) INSTALLED NEW RH CIRRUS MOUNTING ROSEN ASSEMBLY P/N# R1740100, OPS CHECK OK.
6) INSTALL NEW RH STATIC WICK, P/N# 16606-2R
7) INSTALL NEW LH BRAKE PADS P/N# 31392-105
8) INSTALLED NEW COWLING SEAL ON TOP COWLING, P/N# 53168-125U
9) INSTALLED NEW EXHAUST GASKET ON #4 EXHAUST P/N# 77611
10) INSTALLED NEW ARMREST LANYARD P/N# 15062-001
11) ADJUSTED NLG STEERING DEFLECTION TENSION PER CIRRUS MAINTENANCE MANUAL AND INSTALLED NEW THRUST WASHER
P/N# 50545-001
12) INSTALL NEW NLG TIRE AND SERVICE WITH NITROGEN, P/N# 12020-004 AND P/N# 31493-108
13) SECURED PILOT AND CO-PILOT CUP HOLDERS.
14) INSTALLED NEW RH ROSEN VISOR MOUNTING ASSEMBLEY KIT
P/N# R1740100
15) PERFORM MINOR WINDOW SEAL TREATMENT WITH 3M UV BLACK SEALANT TO THE BAGGAGE WINDOW, CO-PILOT REAR WINDOW, AND WINDSHIELD.

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCED NUMBER : 24-6754
DATE : 02/23/2024
SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR : ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P [redacted]

☒ approved design data and are in a condition for safe operation

INSPECTION RECORD
F.A.R. 43.11 –91 .409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

ADVANCED AIRCRAFT
[redacted]
Miami, Florida 33186
Ph [redacted]

Date: 5/15/2024; Aircraft: N124RR; Type: Cirrus SR20; S/N: 2745; Hobbs: 1512.50; Total Time: 1080.60

1) CIRRUS MAINTENANCE PROGRAM CMX IN SERVICE INSPECTION (100 HR INSPECTION)
2) RESEARCHED AIRCRAFT RECORDS FOR APPLICABLE AIRWORTHINESS DIRECTIVES.
3) RESEARCHED AIRCRAFT RECORDS FOR APPLICABLE CIRRUS MANDATORY SERVICE BULLETINS.
4) SERVICED GASCOLATOR IAW CIRRUS AMM 28-20.
5) SERVICED BRAKE FLUID RESERVIOR IAW CIRRUS AMM 12-10.
6) LUBRICATED AIRCRAFT IAW CIRRUS AMM 12-20 LUBRICATION SCHEDULE.
7) PERFORMED NLG STRUT ASSEMBLY INSPECTION IAW AMM 32-20.
8) INSTALLED NEW NLG OLEO STRUT FAIRING SEAL P/N # 53361-001.
9) INSTALLED NEW ENGINE AIR FILTER P/N # 31077-002.

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCED NUMBER : 24-6937
DATE : 05/15/2024
SIGNATURE OF AUTHORIZED REPRESENTATIVE [redacted]

FOR : ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P 7[redacted]