

Aircraft Engine Test Verification

This document verifies that the engine model listed below has satisfactorily completed all testing listed below in accordance with TCM standard engine testing specifications as approved by the FAA.

Engine Model IO550N7B

Engine Serial Number 686326

Testing Completed

Standard Acceptance Test:

Date of Completion 3-26-02 Test Operator _____



Form No 98344

CONTINENTAL MOTORS

USE OF AUTOMOTIVE GAS IS NOT APPROVED.

This engine model IO550N7B, Serial Number 686326
was manufactured on 3-26-02 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.

Chris F. Elliott

TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY

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.
4-18-02	0			

Serviced Engine with 8 Qts of Phillips 20W50 Straight Mineral Oil on 04/18/02 by W56
94

MODEL SR22
S/N 0212
REG. NO. 7225M

CORPORATE FLIGHT MANAGEMENT, INC.
110 TUNE AIRPORT DRIVE, NASHVILLE, TN 37209
(615)350-5000

DATE 06-28-02
W.O. # _____
HOBBS 43.5
TOTAL _____

Engine Log
Changed oil and filter. Serviced with 7 quarts of 15w-50 oil and installed new filter P/N CH48108. Cut open old filter, no metal noted at this time. Ground ran aircraft, no leaks noted at this time. -----END-----

Stanley B. Lawrence
A# 523640169

MODEL SR22
S/N 0212
REG. NO. N972JM

CORPORATE FLIGHT MANAGEMENT, INC.
110 TUNE AIRPORT DRIVE, NASHVILLE, TN 37209
(615)350-5000

DATE 9/30/02
W.O. # 1
HOBBS 83.7
TOTAL 83.7

Engine Log
Changed oil and filter, Serviced with 7 quarts of 15w50 Amshell and installed new filter P/N CH48108. Cut open old filter, no metal noted at this time. Ground ran aircraft, no leaks noted at this time. -----END-----

William R. Stuffer
A# P281411398

MODEL SR22
S/N 0212
REG. NO. N9725m

CORPORATE FLIGHT MANAGEMENT, INC.
110 TUNE AIRPORT DRIVE, NASHVILLE, TN 37209
(615) 350-5000

DATE 12-9-02
W.O. # _____
HOBBS 123.2
TOTAL _____

Engine Log
Changed oil and filter, Serviced with 7 quarts of Amshell 15w50 and installed new filter P/N CH48108. Cut open old filter, no metal noted at this time. Ground ran aircraft, no leaks noted at this time. -----END-----

Frank [Signature]
A# P2500311

Date

N972JM, ENGINE LOG, MAKE: CIRRUS, MODEL: SR22, S/N: 0212,
HM: 157.8, WO 3308.

Record
ctions,

CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, SERVICED
WITH AEROSHELL 15W50 OIL.

Brought Fo

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT
REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS
OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION

SIGNED Andy W. Huchall
TRI-STATE AERO, INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED 3-10-03

N972JM, MAKE: TCM, MODEL: IO550-N, ENG S/N: 686326,
HM: 202.5, ACTT: 202.5, ENG TT: 202.5, WO 3490 & 3494.

COMPLETED ANNUAL INSPECTION. COMPRESSION CHECK #1 74/80, #2 72/80, #3 76/80, #4
70/80, #5 76/80, #6 74/80. CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER
CARTRIDGE, SERVICED WITH AEROSHELL 15W50 OIL. ADJUSTED IGNITION TIMING, LEFT
MAGNETO. INSPECTED OIL FILTER CARTRIDGE AND FOUND ABOVE NORMAL AMOUNTS
OF ALUMINUM, BORESCOPE ALL CYLINDERS, NO PROBLEMS NOTED, RECOMMEND
CHANGE OIL AND INSPECT OIL FILTER CARTRIDGE IN 25 HOURS. REATTACHED LOOSE
VELCRO TO CAPS HANDLE COVER AS NEEDED.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT
REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS
OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION

SIGNED Jeremy S. Brutz
TRI-STATE AERO, INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED 6/4/03

MODEL SR 22

CORPORATE FLIGHT MANAGEMENT, INC.
110 TUNE AIRPORT DRIVE, NASHVILLE, TN 37209
(615) 350-5000

DATE 7/1/03

S/N 0212

W.O. #

REG. NO. N972JM

HOBBS 230.6

TOTAL 230.6

Engine Log
Changed oil, Serviced with 2 quarts of Aeroshell 15W50 ~~removed, cleaned oil screen.~~ opened oil filter P/N CH48108
METAL NOTED AT THIS TIME. Ground ran aircraft, no leaks noted at this time. END

Took oil sample.

William R. Steffen
ARP 251441398

MODEL SR-22

CORPORATE FLIGHT MANAGEMENT, INC.
110 TUNE AIRPORT DRIVE, NASHVILLE, TN 37209
(615) 350-5000

DATE 9-24-03

S/N 0212

W.O. #

REG. NO. 972JM

HOBBS 266.0

TOTAL

Engine Log
Changed oil and filter, Serviced with 2 quarts of Aeroshell 15W50 and installed new filter
P/N CH48108. Cut open old filter, no metal noted at this time. Ground ran aircraft, no leaks noted
at this time. END END END

Greg Johnson ARP 4145220582A

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

Brought
 MODEL SR-22 C
 SN 0212 110 T
 REG. NO. N972JM

Changed oil and filter, Ser
 P/N C48103. Cut open oil
 at this time. ———— ENI

MODEL SR-22
 SN 0212
 REG. NO. 972JM

Changed oil and filter
 P/N C448103. Cut op
 at this time. ————

N: 972JM

RM: 378.2

COMPLETED ANN
 76/80, #6 74/80. C
 SERVICED WITH AEROSHELL
 CLEANED FUEL INJECTION NOZZLES. REPAIRS
 ENGINE STARTER DRIVE SLIPPING, INSTALLED OVERHAUL

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

WIO: 4260 + 4274 Signed: Andy W Hudrall Date: 5/25/04
 Tri-State Aero, Inc. CRS AHTR002C 6101 Flightline Dr. Evansville, IN 47725

Destin Airport
 1001 Airport Road
 P.O. Box 159
 Destin Florida 32540
 Anti-Drug/Alcohol Plan # B-S0-001565



N# 972JM Tach/Hobbs: 568.5

Description of work performed: Except as stated below, no other work, inspection, corrective action or determination of airworthiness was made at this time.
With 8 OIS Phillips KC 20w50. Filter 7N-C448108-1. Sealed
Element, NO Contamination Noted. Run + Leak Check Good.
All work As Per MFRMM.

Signed: [Signature]

Cert #: AP 3036965

Date: 5-26-05

Record
 inspections,

103
1
5

and new filter
 leaks noted

2-24-04

338.5

stalled new filter
 it, no leaks noted

686326

0.0

0, #4 74/80, #5

FRIDGE,

IALYSIS.

KER BOX COVERS.

DAPTER.

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 in by _____
 MODEL SR-22
 S/N 0212
 REG. NO. N972JM

CORPORATE FLIGHT MANAGEMENT, INC.
 110 TUNE AIRPORT DRIVE, NASHVILLE, TN 37209
 (615) 350-5000

DATE 11/17/03
 W.O. # _____
 HOBBS 298.5
 TOTAL _____

Engine Log
 Changed oil and filter, Serviced with 7 quarts of Aeroshell 15W50 and installed new filter P/N CA48103. Cut open old filter, no metal noted at this time. Ground ran aircraft, no leaks noted at this time. _____END_____END_____END_____

William R. Staphe
 ACP281441398

MODEL SR-22
 S/N 0212
 REG. NO. 972JM

CORPORATE FLIGHT MANAGEMENT, INC.
 110 TUNE AIRPORT DRIVE, NASHVILLE, TN 37209
 (615) 350-5000

DATE 2-24-04
 W.O. # _____
 HOBBS 338.5
 TOTAL _____

Engine Log
 Changed oil and filter, Serviced with 7 quarts of Aeroshell 15W50 and installed new filter P/N CA48103. Cut open old filter, no metal noted at this time. Ground ran aircraft, no leaks noted at this time. _____END_____END_____END_____

William R. Staphe
 ACP281441398

N: 972JM Make: TCM Model: IO-550-N7B LT S/N: 686326
 RM: 378.2 ACTT: 378.2 Eng TT: 378.2 ENG SOH: 0.0

COMPLETED ANNUAL INSPECTION. COMPRESSION CHECK #1 72/80, #2 72/80, #3 74/80, #4 74/80, #5 76/80, #6 74/80. CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, SERVICED WITH AEROSHELL 15W50. TOOK ENGINE OIL SAMPLE, AND SENT FOR ANALYSIS. CLEANED FUEL INJECTION NOZZLES. REPLACED LEAKING GASKETS ON NINE ROCKER BOX COVERS. ENGINE STARTER DRIVE SLIPPING, INSTALLED OVERHAULED ENGINE STARTER ADAPTER.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

W/O: 4260 + 4274 Signed: *Andy W Hudrall* Date: 5/25/04
 Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Dr. Evansville, IN 47725

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 →					

CORPORATE FLIGHT MANAGEMENT
 REG. NO. 972JM 110 TUNE AIRPORT DRIVE DATE 8-24-04
 NASHVILLE, TN 37209
 MODEL # SR-22 TACH: _____
 S/N: 0212 HOBBS 432.6

Engine Log
 Changed oil and filter, Took oil sample for oil analysis sent off for test, Serviced with 7 quarts of Phillips 20w50 and installed new filter PIN CH48108. Cut open old filter, no metal noted at this time. Ground ran aircraft, no leaks noted at this time. -----END-----
William R. Miller
 ATP 281441398

CORPORATE FLIGHT MANAGEMENT
 REG. NO. N972JM 110 TUNE AIRPORT DRIVE DATE 11/2/04
 NASHVILLE, TN 37209
 MODEL # SR22 TACH: _____
 S/N: 0212 HOBBS 472.8

Engine Log
 Changed oil and filter, Serviced with 7 quarts of Phillips 20w50 and installed new filter PIN CH48108. Cut open old filter, no metal noted at this time. Ground ran aircraft, no leaks noted at this time. -----END-----
William R. Miller
 ATP 281441398

N: 972JM Make: TCM Model: IO-550-N7B LT S/N: 686326
 RM: 483.1 ACTT: 483.1 Eng TT: 483.1 ENG SOH: 0.0
 CLEANED FUEL INJECTION NOZZLES.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

W/O: 4555 Signed: *James E. Burt* Date: 12/1/04
 Tri-State Aero, Inc. CRS AHTR1020 6101 Flightline Dr. Evansville, IN 47725

Date

Time

Time

Engine Service and Maintenance Record



MIRACLE STRIP AVIATION

Destin Airport
1001 Airport Road
P.O. Box 159
Destin Florida 32540
Anti-Drug/Alcohol Plan # B-S0-00156S

N# 972JM Tach/Hobbs: 510.5

Except as stated below, no other work, inspection, corrective action or determination of airworthiness was made at this time.

Description of work performed: Changed Oil & Filter P/N-CH48108-1. Serviced with 8 qts Phillips 20W50. Took Oil Sample & Insp. Filter Element. No Contamination Noted. Installed Quick Drain P/N-56250. Run & Leak Check Good. All Work As Per MFRMM.

Signed: M. E. Hall

Cert #: Michael E. Hall
A & P 252924832

Date: 1-11-05

N: 972JM Make: TCM Model: IO-550-N7B LT S/N: 686326
RM: 518.7 ACTT: 518.7 Eng TT: 518.7 ENG SOH: N/A

INSPECTED INDUCTION ASSEMBLY, NO PROBLEMS FOUND, CHECKED MAG TIMING, RETIMED RT MAG TO ENGINE, GROUND RAN ENGINE, ADJUSTED TAKE-OFF FUEL FLOW, IDLE MIXTURE AND IDLE RPM. ADJUSTED ENGINE TAKEOFF RPM AS NEEDED.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

W/O: 4916 Signed: [Signature] Date: 01-31-05
Tri-State Aero, Inc. CRS AHTB102C 6101 Flightline Dr. Evansville, IN 47725



MIRACLE STRIP AVIATION

Destin Airport
1001 Airport Road
P.O. Box 159
Destin Florida 32540
Anti-Drug/Alcohol Plan # B-S0-00156S

N# 972JM Tach/Hobbs: 537.0


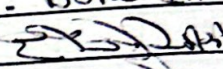

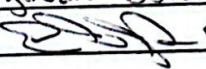

Except as stated below, no other work, inspection, corrective action or determination of airworthiness was made at this time.

Description of work performed: Changed Oil Filter P/N CH48108-1, added 7qts Phillips 20W-50 as per owner. Cut open oil filter NO METAL FLAKES DETECTED. OIL SAMPLE TAKEN AS PER ~~MAN MFR~~ GROUND RUN CK GOOD. NO LEAKS DETECTED. All Work As Per MFRMM

Signed: [Signature] A/P

Cert #: 27789360

Date: 3/18/05

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 →					
3-24-05	539	6			Installed Gamijectors as per STC: SE09963SC see form 337.  A283026965
5-9-05	543				Removed + Replaced #2 and #4 cyl. Gami injector as per Gami. Run leak & sp-ck. good. Removed + Replaced aft. upper Baffle support Bracket. Removed + Replaced RT. Inbd Flap Hinge fairing. Resealed LT lower wing Root fairing. Done IAW Cirrus Service Manual.  A283026965
Hours 561.3					
ELT Tested IAW FAR 91.207					
Appendix D. Battery Due Date 0010					
Maint. Release					
					(Signature) 
5-9-05	561.3				Removed oil filter, cut open for Insp. no unusual F.O. noted. new f. filter installed. Magneto 500 Hr. Insp. dw By Quality Aircraft Accessories, Inc. wo# 52109 Date 5-5-05 repair sta# QYR 3344. Run up & leak ck. good. Done IAW MFR Service Manual.  A283026965
5-9-05	561.3				HOURS <u>561.3</u> DATE <u>5-9-05</u> AT THE TIME OF THIS INSPECTION, I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  Eric G. Nicholson A283026965 IA

ACCESSORY ITEM

MODEL / PART NUMBER

WO# 27202

Bendix Magneto

200 Series

Qty Req.	Qty. Iss.	Part Number	Description	P.O.#	Cost
1	—	10-357592	Oil Seal		
1	—	10-51678	Deflector Oil		
1	—	10-157134	Plug Ventilated		
1	—	10-157135	Plug Solid		
1	—	10-90751-18	Cotter Pin		
1	—	10-81806	Bearing, Drive		
1	—	2-202	Bearing (Breaker End)		
1	—	10-92815-37	Snap Ring Gear		
1	—	10-382585	Points Rt. Hand		
1	1	10-382584	Points Lt. Hand		
1	—	10-357281	Capacitor		
1	—	10-391213	Screw		
1	1	10-160844	Brush Carbon		

PARTS OVER AND ABOVE STANDARD OVERHAUL

1	1	10-357426	Dist. Block (6 Cyl.)		
		10-357424	Dist. Block (4 Cyl.)		
1	1	10-357586	Gear Kit (6 Cyl.)		
		10-357584	Gear Kit (4 Cyl.)		
		10-357165-1	Coil		
1	1	10-349276	CAPACITOR		

ACCESSORY ITEM

MODEL / PART NUMBER
200 Series

WO# J7200

Bendix Magneto

Qty Req.	Qty. Iss.	Part Number	Description	P.O.#	Cost .
1	/	10-357592	Oil Seal		
1	/	10-51678	Deflector Oil		
1	/	10-157134	Plug Ventilated		
1	/	10-157135	Plug Solid		
1	/	10-90751-18	Cotter Pin		
1	/	10-81806	Bearing, Drive		
1	/	2-202	Bearing (Breaker End)		
1	/	10-92815-37	Snap Ring Gear		
1	/	10-382585	Points Rt. Hand		
1	1	10-382584	Points Lt. Hand		
1	/	10-357281	Capacitor		
1	/	10-391213	Screw		
1	1	10-160844	Brush Carbon		

PARTS OVER AND ABOVE STANDARD OVERHAUL

1	1	10-357426	Dist. Block (6 Cyl.)		
		10-357424	Dist. Block (4 Cyl.)		
1	1	10-357586	Gear Kit (6 Cyl.)		
		10-357584	Gear Kit (4 Cyl.)		
		10-357165-1	Coil		
1	1	10-349276	CAPACITOR		

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: QAA# 27202	
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y) 5746 E. Apache, Bldg. A Tulsa, OK 74115		Phone: 1-877-833-6948 918-835-6948 Fax: 918-835-2804				5. Work Order/ Invoice Number: INV # 32109	
6. Item	7. Description	8. Part/Number	9. Eligibility*	10. Qty	11. Serial/Batch Number	12. Status/Work	
1	magneto	10-500556-1	(VARIOUS)	1	DO2CAD37	Repair	
13. Remarks: CSB641 Condenser MSB644 coil + rotor (AD 94-01-03R2) MSB645 500 hr. impulse inspection See Attached Work Order Summary for details. (2) pages (AD 96-12-07) (MECH: MP)							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item(s) is (are) approved for return to service.				
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Justin R. Hicks		23. Date (m/d/y): 5/05/05	

FAA Form 8130-3 (9-03) *Installer must cross check eligibility with applicable technical data.

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: QAA# 27200	
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y) 5746 E. Apache, Bldg. A Tulsa, OK 74115		Phone: 1-877-833-6948 918-835-6948 Fax: 918-835-2804				5. Work Order/ Invoice Number: INV # 32109	
6. Item	7. Description	8. Part/Number	9. Eligibility*	10. Qty	11. Serial/Batch Number	12. Status/Work	
1	magneto	10-500556-1	(VARIOUS)	1	DO2CAD38	Repair	
13. Remarks: CSB641 Condenser MSB644 coil + rotor (AD 94-01-03R2) MSB645 500 hr. impulse inspection See Attached Work Order Summary for details. (2) pages (AD 96-12-07) (MECH: MP)							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item(s) is (are) approved for return to service.				
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Justin R. Hicks		23. Date (m/d/y): 5/05/05	

FAA Form 8130-3 (9-03) *Installer must cross check eligibility with applicable technical data.

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

CORPORATE FLIGHT MANAGEMENT
 110 TUNE AIRPORT DRIVE
 NASHVILLE, TN 37209

REG. NO. N972JM DATE: 08-01-05
 MODEL #: SR22 TACH:
 S/N: 0212 HOBBS: 599.4

ENGINE LOG

CHANGED OIL AND FILTER, TOOK OIL SAMPLE AND SENT FOR ANALYSIS, SERVICED WITH 7 QT PHILLIPS X-C 20W50 OIL AND P/N CH 48108-1 FILTER, CUT OPEN OLD FILTER, NO METAL FOUND, GROUND RAN ENGINE, NO LEAKS AT THIS TIME. REMOVED AND REPLACED CHT SENSOR SOURCE CONTROL P/N 14880-001, OP CHECK GOOD-----END-----

Stanley H. Lawrence
 ADP/3045356 IA

CORPORATE FLIGHT MANAGEMENT
 110 TUNE AIRPORT DRIVE
 NASHVILLE, TN 37209
 Serviced with Phillips X-C 20W50
 Next Oil Change due: 649.4 Hobs

N972JM, MAKE: TCM, MODEL: IO-550-N7B, S/N: 686326,
 HM: 643.4, WO 5420

CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, SERVICED WITH PHILLIPS XC OIL.* TOOK ENGINE OIL SAMPLE, AND SENT FOR ANALYSIS.* REPLACED OIL DIPSTICK.*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED: *[Signature]*
 TRI-STATE AERO, INC. P.R.S. AIR 102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: Sept. 07, 2005

CORPORATE FLIGHT MANAGEMENT
 110 TUNE AIRPORT DRIVE
 NASHVILLE, TN 37209

REG. NO. N972JM DATE 10-18-05
 MODEL # SR-22 TACH: _____
 S/N: 0212 HOBBS 687.9

Engine Log

Changed oil and filter, Took oil sample for oil analysis sent off for test, Serviced with 7 quarts of Phillips X-C 20W-50 and installed new filter P/N CH 48108-1 Cut open old filter, no metal noted at this time. Ground ran aircraft, no leaks noted at this time. -----END-----

Stanley H. Lawrence
 ADP/3045356 IA

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 →

REG. NO. N972JM CORPORATE FLIGHT MANAGEMENT
 110 TUNE AIRPORT DRIVE DATE: 05-18-05
 NASHVILLE, TN 37209
 MODEL #: SR-22 TACH:
 S/N: 0212 HOBBS: 687.9

ENGINE LOG

REMOVED #2 AND #6 FUEL INJECTOR NOZZLES AND INSTALLED GAMIJECTOR KIT S/N 13441 PER OWNER REQUEST IAW KIT INSTRUCTIONS AND ENGINE MANUFACTURER'S OHM, OP CHECK GOOD.-----END-----

Stanley H. Lawrence
 AEP 3045356 IA



MIRACLE STRIP AVIATION

Destin Airport
 1001 Airport Road
 P.O. Box 159
 Destin Florida 32540
 Anti-Drug/Alcohol Plan # B-S0-00156S

N# 972JM Tach/Hobbs 723.5 Except as stated below, no other work, inspection, corrective action or determination of airworthiness was made at this time.

Description of work performed: Drained oil, took sample, removed old filter and cut filter open, no F.O. found in element, installed new filter, and serviced with 7qts of Phillips 15W/20. Run up was good, no leaks found. AIT IAW MRF MM.

Signed: *Justin Justice*

Cert #: AEP# 2.845714 Date: 01/15/06

5-31-06	748.5	748.5	HOURS: <u>748.5</u> DATE: <u>31 MAY 06</u>
			AT THE TIME OF THIS INSPECTION, I CERTIFY THAT
			THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE
			WITH AN ANNUAL INSPECTION AND WAS DETERMINED
			TO BE IN AIRWORTHY CONDITION.
			<i>Mike W. Hall</i> 7748936 IA
			DIFFERENTIAL COMPRESSION
			1 80/ <u>72</u> 3 80/ <u>61</u> 5 80/ <u>72</u>
			2 80/ <u>70</u> 4 80/ <u>72</u> 6 80/ <u>70</u>

Cont. on next page

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 →

CORPORATE FLIGHT MANAGEMENT
 110 TUNE AIRPORT DRIVE
 NASHVILLE, TN 37209

REG. NO. N972JM DATE: 05-18-05
 MODEL #: SR-22 TACH:
 S/N: 0212 HOBBS: 687.9

ENGINE LOG

REMOVED #2 AND #6 FUEL INJECTOR NOZZLES AND INSTALLED GAMIJECTOR KIT S/N 13441 PER OWNER REQUEST IAW KIT INSTRUCTIONS AND ENGINE MANUFACTURER'S OHM, OP CHECK GOOD.-----END-----

Stanley H. Lawrence
 AEP 3045356 IA



MIRACLE STRIP AVIATION

Destin Airport
 1001 Airport Road
 P.O. Box 159
 Destin Florida 32540
 Anti-Drug/Alcohol Plan # B-S0-00156S

N# 972JM Tach/Hobbs 723.5 Except as stated below, no other work, inspection, corrective action or determination of airworthiness was made at this time.

Description of work performed: Drained oil, took sample, removed old filter and cut filter open, no F.O. found in element, installed new filter, and serviced with 7 qts of Phillips 15W20. Run up was good, no leaks found. ALL IAW MRF MM.

Signed: Justin Justice Cert #: AEP# 2845714 Date: 01/15/06

5-31-06	748.5	748.5	HOURS: <u>748.5</u> DATE: <u>31 MAY 06</u>
			AT THE TIME OF THIS INSPECTION, I CERTIFY THAT
			THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE
			WITH AN ANNUAL INSPECTION AND WAS DETERMINED
			TO BE IN AIRWORTHY CONDITION.
			<i>Michael W. Hall</i> 2745936 IA
			DIFFERENTIAL COMPRESSION
			1 80/ <u>72</u> 3 80/ <u>61</u> 5 80/ <u>72</u>
			2 80/ <u>70</u> 4 80/ <u>72</u> 6 80/ <u>70</u>

Cont. on next page →

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: QAA# 33756	
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y) 5746 E. Apache, Bldg. A Tulsa, OK 74115				Phone: 1-877-833-6948 918-835-6948 Fax: 918-835-2804		5. Work Order/ Invoice Number: INV # 42861	
6. Item	7. Description	8. Part/Number	9. Eligibility*	10. Qty	11. Serial/Batch Number	12. Status/Work	
1	ALTERNATOR	646843	(VARIOUS)	1	005JA106	OVERHAUL (EXCHANGE)	
13. Remarks: See Attached Work Order Summary for details. (2) pages (MECH: CL)							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item(s) is (are) approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: Justin R. Hicks		21. Approval/Certificate No.: QYIR334Y	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Justin R. Hicks		23. Date (m/d/y): 05-25-06	

FAA Form 8130-3 (7-05)

*Installer must cross check eligibility with applicable technical data.

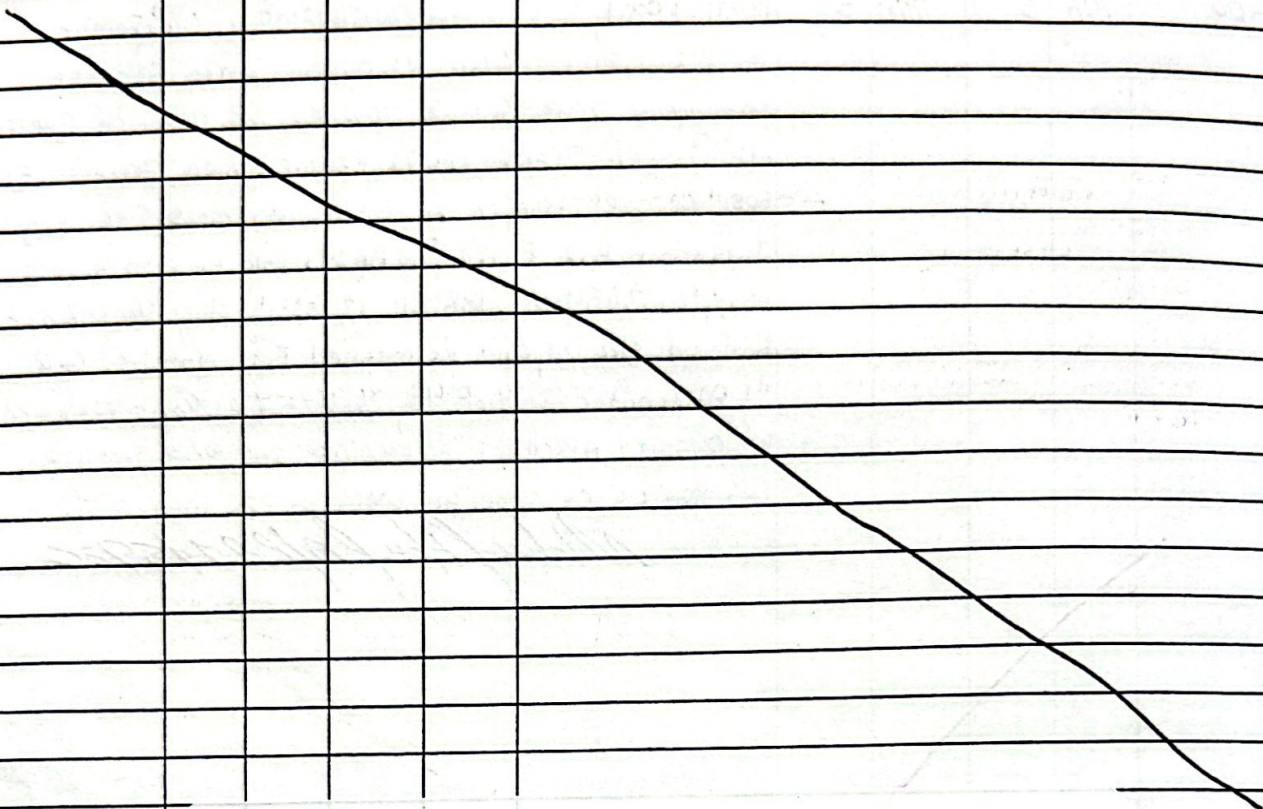
Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→		748	5	
5-31-06	748	5	748	5	Drained oil, RTR Filter P/N CH48108-1, OIL SAMPLE TAKEN. CUT FILTER OPEN, NO DEFECTS NOTED. SERVICED ENG. WITH 7QTS PHILLIPS 20W-50 4/C. CLEANED, GAPPED, AND TESTED SPARK PLUGS. REMOVED AND REPLACED #1 FUEL NOZZLE, REPLACED BY GAMI INJECTORS. RTR Eng INDUCTION AIR FILTER P/N BA24, RTR RH FWD BAFFLE ASSY, P/N 13654-004. RTR all 12 spark plugs P/N RHB32E, Removed, cleaned, and Reinstalled Fuel Nozzles. RTR #1 Alternator P/N 6468 43, S/N B05JA106, OVERHAULED BY QUALITY AIRCRAFT ACCESSORIES INC, w/o # INW#42861. ENG RUN LK CK GOOD. ALL WORK AS PER MFR-MM. <i>Michael Huff / A/P 2748926</i>
See Next Page					

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 →



Cumberland Avionics
210 Tune Airport Drive Nashville, TN 37209

REG NO: N972JM DATE: 10/31/06

MODEL #: SR-22 TACH:

S/N:0212 HOBBS:835.0

ENGINE LOG

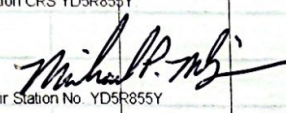
Changed engine oil. Serviced with 7 Qts Phillips 20W50 and CH48108 filter. Ground run and leak check good. Replaced #1 CHT probe. System op check good.

This aircraft and/or component identified above was repaired and inspected in accordance with current federal aviation regulations and was found airworthy for return to service.

Signed *Chad T. Adkins* Date: 10/31/06
A&P409457398

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 →

ENGINE MODEL IO-550-N7B ENGINE S/N 686326 REG. NO. N972JM WORK ORDER 8556-03-2007	Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 216-763-3101	DATE: 3/19/2007 A/C TSN 848.2 ENG TT 848.2 HOBBS 848.2
Engine Entries		
<p>(5) Performed engine 100HR inspection IAW cirrus mm chapter 5-20 and 5-20. (8) Researched ADs through bi-weekly issue 2007-05, all ADs are in compliance at this time. (11) Drained engine oil and took oil sample, removed no. 1 and performed particulate inspection, no discrepancies noted, installed new oil filter P/N CH48108-1 and serviced engine with COTS of Aeroshell 15W50 oil. Leak and operational check good, work performed IAW cirrus mm chapter 12-10. (12) Performed engine cylinder compression and breathing inspections, no discrepancies noted on boroscope inspection, compressions are as follows: #1 72/80, #2 65/60, #3 70/60, #4 71/60, #5 71/60, #6 71/60, master orifice reading of 49, work performed IAW T.C.M. MM section 19, and T.C.M. S.B. 03-3. (13) Removed, cleaned, inspected, capped, tested, and reinstalled spark plugs IAW T.C.M. MM section 12. (14) Performed magneto to engine timing inspection, no discrepancies noted on inspection, work performed IAW T.C.M. MM section 12. (15) Removed and replaced induction air filter with new, P/N BA-24 IAW cirrus mm chapter 71-00. (16) Removed, cleaned, inspected, and reinstalled fuel injection nozzles IAW T.C.M. MM section 5. (17) Performed fuel pressure setup IAW T.C.M. S.D. 97-3C. (32) Replaced all flexible fuel lines firewall forward for time change requirements of 5-10. Done IAW CDC AMM 28-20, 71-00. Marked all lines 3/07 and torque striped connections. (34) Removed and replaced fuel drain manifold seals P/N 633958-2 IAW Teledyne Overhaul Manual X30588A. (38) Stop drilled small crack in oil cooler mounting flange and blended out corner of flange and applied RTV IAW standard maintenance practices. (102) Replaced fuel line clips for injector line for Cylinder #1, #4, #5. P/N 652436-1. Done IAW TCM IO-550 manual X30550A. (103) Installed induction duct P/N 15708-002, bracket P/N 15760-001 and clevis pin P/N MS20392-2C11 IAW SR22 AMM 71-60. (106) Fabricated alternate air bracket and installed on right fwd engine baffle IAW SR22 AMM 71-60. (108) Replaced engine breather line from filler neck to A/C separator to drain tank. P/N 6404-750. Done IAW CDC AMM 71-70. (117) S.B. 2X-80-01 is in compliance by P/N 646275-1 of starter, no further action taken per Section D.1. Done IAW S.B. instructions. (125) I certify that this engine has been inspected in accordance with a 100 HR/annual inspection and was determined to be in airworthy condition.</p> <p>I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.</p>		
DATE: 3/19/2007	SIGNED:  Mike McGinn Certified Repair Station No. YD5R855Y	Work Order: 8556-03-2007 Printed by EBis 3 (datcomedia.com)

05/04/07 HOBBS: 877.6 TSN: 877.6 N972JM SR22 S/N 0212 W.O. P19355W
ENGINE: TSN: 877.6 S/N 686326
COMPLIED WITH ENGINE OIL CHANGE; DRAINED OIL AND REMOVED OIL FILTER; INSTALLED NEW CH48108-1 FILTER AND SERVICED ENGINE WITH 7 QUARTS OF AEROSHELL 15W50. WASHED ENGINE DOWN AND PERFORMED GROUND RUN, ALL CHECKS SATISFACTORY AT THIS TIME, NO LEAKS NOTED. CLEANED AND INSPECTED CONNECTIONS ON #2, #4 AND #6 CHT PROBES. INSTALLED NEW #2 PROBE P/N 12637-001. COMPLIED WITH GROUND RUN; ALL CHECKS SATISFACTORY AT THIS TIME.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED  FOR
EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED
REPAIR STATION MV5R055N

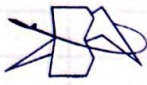

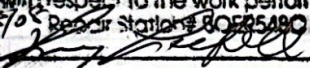
06/07/07 HOBBS: 899.1 TSN: 899.1 N972JM SR22 S/N 0212 W.O. W19446W
ENGINE: TSN: 899.1 S/N 686326
REPAIRED WIRING BETWEEN #6 CHT PROBE AND GAUGE. CLEANED #3 CHT HARNESS TERMINALS WITH CONTACT CLEANER AND INSTALLED STABILANT 22 CONDUCTIVE PROMOTER. INSTALLED NEW ENGINE HEAT SHIELD P/N 14785-001. CLEANED, INSPECTED AND PAINTED ENGINE TRUS MOUNT. COMPLIED WITH GROUND RUN AND LEAK CHECKS; ALL CHECKS SATISFACTORY AT THIS TIME.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED  FOR
EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED
REPAIR STATION MV5R055N

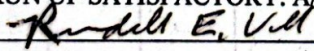
Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
08/08/07					TERRE HAUTE AIRCENTER 7201 MAYNARD WHEELER LN. TERRE HAUTE, IN. 47803 CIRRUS SR22 N972JM S/N 0212 HOBBS: 928.8 DATE: 08/08/07 ENGINE: TSN: 928.8 S/N 686326 DRAINED OIL, REMOVED FILTER, CUT AND INSPECTED, NO CONTAMINANTS NOTED. INSTALLED NEW FILTER P/N CH48108 AND ADDED 8QTS. OF AEROSHELL 15W50 OIL. RUN UP AND LEAK CHECK SATISFACTORY. <u>James M. M...</u> IA 569981602 -----END-----
10/15/07					CIRRUS SR22 S/N 0212 N972JM DATE: 10/15/07 TACH: 973.3 HOBBS: 973.3 DRAINED OIL, REMOVED FILTER, CUT AND INSPECTED, NO CONTAMINANTS NOTED. INSTALLED NEW FILTER P/N CH48108 AND ADDED 8QTS. OF AEROSHELL 15W50 OIL. RUN UP AND LEAK CHECK SATISFACTORY. <u>Bobby E. Cupple</u> A&P 316746260 -----END-----
11/21/07					CIRRUS SR22 S/N 0212 N972JM DATE: 11/21/07 TACH: 1009.7 ENGINE: 1009.7 S/N686326 C/W 50 HR. OIL CHANGE, R/R 8 QTS. OF AEROSHELL 15W50 OIL. R/R OIL FILTER P/N CH48108-1 IAW CIRRUS S/M. OPERATIONAL GROUND RUN UP SATISFACTORY. A/C RETURN TO SERVICE. <u>James M. M...</u> IA 569981602 -----END-----
2/19/08					CIRRUS SR22 S/N 0212 N972JM DATE: 02/19/08 TACH: 1050.0 ENGINE: 1050.0 S/N686326 C/W 50 HR. OIL CHANGE, R/R 8 QTS. OF AEROSHELL 15W50 OIL. R/R OIL FILTER P/N CH48108-1 IAW CIRRUS S/M. OPERATIONAL GROUND RUN UP SATISFACTORY. A/C RETURN TO SERVICE. <u>Bobby E. Cupple</u> A&P 316746260 -----END-----

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 →					

2/29/08			BYERLY AVIATION, INC. GREATER PEORIA AIRPORT PEORIA, IL 61607 (309) 697-6300 Fax (309) 697-9663			
	Date Feb 28, 2008		INVOICE # <u>24226</u>			
	N972JM		Model SR22		Serial #0212	
	HOBBS TIME 1058.5					
	Removed Right Magneto Model Number S6RC-25 Serial # DO2CA038 and Installed Serial Number DO7JA284R Set Engine to Mag. Timing Per Continental Service Bulletin MSB94-8C. Run up Leak check and ops check O.K. NOTE : MAGNETO CAME WITH NEW IMPULSE COUPLING					
	I certify that this work has been inspected and is determined to be in airworthy condition with respect to the work performed. Date: <u>2/29/08</u> Repair Station: <u>ROE85480</u> Signature: 					

CIRRUS SR22 S/N 0212 N972JM
 DATE: 03/05/08 TACH: 1059.5 ENGINE: 1059.5 S/N686326

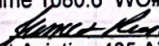
REMOVED LEFT MAGNETO TCM TYPE S6RSC-25 P/N 10-500556-1 S/N DO2CA037. INSTALLED OVERHAULED BENDIX MAGNETO TYPE S6RSC-25 P/N 10-500556-1 S/N D05DA063 IAW CIRRUS S/M AND TCM S/M. OPERATIONAL GROUND RUN UP SATISFACTORY. A/C RETURN TO SERVICE.

 A&P 304681209

-----END-----

AirQuest Aviation
 485 Airport Road
 Butler, PA 16002



Date: 5/16/2008; Aircraft: N972JM; Type: CIRRUS SR22; S/N: 0212
 Complied with annual inspection of engine in accordance with Cirrus and TCM maintenance manuals.
 Complied with oil change. Drained oil and collected sample. Serviced engine with 8 quarts of Aeroshell 15w50 oil. Replaced filter with new, PN: CH48108-1. Cleaned engine and ground-run aircraft. No leaks noted at this time. All work done in accordance with TCM maintenance manual.
 Compression tested 1]68/80 2]67/80 3]70/80 4]76/80 5]73/80 6]73/80.
 Removed and replaced bottom spark plug on #2 cylinder with new, PN: RHB32E. All work done in accordance with TCM maintenance manual.
 Removed and replaced bottom spark plug on #4 cylinder with new, PN: RHB32E, All work done in accordance with TCM maintenance manual.
 Installed helicoil in cylinder #5 intake port on cylinder head and torqued per TCM maintenance manual.
 The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this airframe has been inspected in accordance with a 50hr, 100hr, 200hr, 300hr, annual inspection and was determined to be in airworthy condition.
 Total Time 1080.6 WO# 08-0144 Hobbs 1080.6
 Signed  Date 5/16/08
 AirQuest Aviation 485 Airport Rd. Butler, PA 16002
 Q3ER924K



YOUNGSTOWN-WARREN REGIONAL AIRPORT • VIENNA, OH 44473
PHONE: (330) 856-5000 • FAX: (330) 856-4582 • CRS W6NR985J

ENGINE

Continental <> IO- 550-N <> S/N: 686326
N972JM <> SR22 <> S/N: 0212

1. Changed Oil and Filter, Installed New (Customer Supplied) Oil Filter, P/N: CH48108-1. Cut Open Oil Filter and Inspected. Serviced with 8 Quarts of (Customer Supplied) Aeroshell 15W-50 Oil.

All work accomplished I.A.W. SR22 and Continental M.M. Operational and leak check satisfactory.

Date: 2-9-09 Hobbs: 1181.7 W/O No: 40-05993

The maintenance operations described above were inspected and/or repaired in accordance with current FAA Regulations with respect to the work performed, the aircraft and/or component is approved for return to service. Pertinent details are on file at this agency under the above referenced Work Order.

Signed: Jeffrey D. Williams *Jeffrey D. Williams* for,

Winner Aviation, W6NR985J

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 6/10/2009; Aircraft: N972JM; Type: CIRRUS SR22; S/N: 0212
Complied with annual inspection of engine. Compression tested: 1] 62/80, 2] 63/80, 3] 64/80, 4] 61/80, 5] 70/80, 6] 63/80. Removed and replaced # 4 bottom spark plug wire with new, PN: 10-400401-78. Removed and replaced # 5 exhaust rocker box cover gasket with new, PN: 653380. Removed and replaced # 4 cylinder exhaust rocker box cover gasket with new, PN: 653380. All work done in accordance with Cirrus maintenance manual. The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this engine has been inspected in accordance with a annual inspection and was determined to be in airworthy condition.

Hobbs time 1208.5 W/O No: 09-0825
Signed *Jeffrey D. Williams* Date 6/10/09
AirQuest Aviation 485 Airport Rd. Butler, PA 16002
Q3ER924K



YOUNGSTOWN-WARREN REGIONAL AIRPORT • VIENNA, OH 44473
PHONE: (330) 856-5000 • FAX: (330) 856-4582 • CRS W6NR985J

ENGINE

Continental <> IO- 550-N <> S/N: 686326
N972JM <> SR22 <> S/N: 0212

1. Changed Oil and Filter, Installed New (Customer Supplied) Oil Filter, P/N: CH48108-1. Cut Open Oil Filter and Inspected. Serviced with 8 Quarts of (Customer Supplied) Aeroshell 15W-50 Oil.

All work accomplished I.A.W. SR22 and Continental M.M. Operational and leak check satisfactory.

Date: 9-15-09 Hobbs: 1229.5 W/O No: 40-06220

The maintenance operations described above were inspected and/or repaired in accordance with current FAA Regulations with respect to the work performed, the aircraft and/or component is approved for return to service. Pertinent details are on file at this agency under the above referenced Work Order.

Signed: Jeffrey D. Williams *Jeffrey D. Williams* for,

Winner Aviation, W6NR985J



YOUNGSTOWN-WARREN REGIONAL AIRPORT • VIENNA, OH 44473
 PHONE: (330) 856-5000 • FAX: (330) 856-4582 • CRSW6NR985J

ENGINE

Continental <> IO- 550-N <> S/N: 686326
N972JM <> CIRRUS SR22 <> S/N: 0212

1. Changed Oil and Filter, Installed New (Customer Supplied) Oil Filter, P/N: CH48108-1. Cut Open Oil Filter and Inspected. Oil SOAP Sample Taken and Sent to Aviation Labs. Serviced with 8 Quarts of (Customer Supplied) Aeroshell 15W-50 Oil.

All work accomplished I.A.W. SR22 and Continental M.M. Operational and leak check satisfactory.

Date: 4-30-10 AFTT: 1283.4 Hobbs: 1283.4 Eng TSN: 1283.4 W/O No: 40-06456

The maintenance operations described above were inspected and/or repaired in accordance with current FAA Regulations with respect to the work performed, the aircraft and/or component is approved for return to service. Pertinent details are on file at this agency under the above referenced Work Order.

Signed: Jeffrey D. Williams

WINNER AVIATION CORPORATION, CRS# W6NR985J

AirQuest Aviation

485 Airport Road
 Butler, PA 16002



Date: 7/26/2010; Aircraft: N972JM; Type: CIRRUS SR22; S/N: 0212
 Complied with annual inspection of engine. Compression tested: 1] 71/80, 2] 68/80, 3] 65/80, 4] 70/80, 5] 71/80, 6] 59/80. Removed #1 EGT probe and installed new probe P/N 16579-002. Removed and replaced crankshaft seal by removal of prop. Cleaned surface and installed new seal P/N 641250. Reinstalled prop with new oring MS28775-228. Removed and replaced #5 exh valve cover gasket with new P/N 655705. Removed and replaced #2 alt gasket with new P/N 653487. Removed and replaced governor gasket with P/N 15524-101. The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this engine has been inspected in accordance with a annual inspection and was determined to be in airworthy condition.

ACTT: 1291.0 Hobbs time: 1291.0 ETT: 1291.0 ETSN: 1291.0 WO#: 10-1409

Signed: *Jeffrey D. Williams*
 AirQuest Aviation 485 Airport Rd. Butler, PA 16002

Q3ER924K



YOUNGSTOWN-WARREN REGIONAL AIRPORT • VIENNA, OH 44473
 PHONE: (330) 856-5000 • FAX: (330) 856-4582 • CRSW6NR985J

ENGINE

Continental <> IO- 550-N <> S/N: 686326
N972JM <> Cirrus SR22 <> S/N: 0212

1. Drained Oil, Removed and Inspected Oil Filter. Took Oil Sample and Sent to Aviation Labs. Installed New (Customer Supplied) Oil Filter, P/N: CH48108-1. Serviced with 8 Quarts of (Customer Supplied) Aeroshell 15W-50 Oil.

All Work Performed I.A.W. Continental M.M. and Cirrus SR22 M.M. Operational and Leak Check Satisfactory.

Date: 3-7-11 Hobbs: 1330.7 AFTT: 1330.7 Eng TSN: 1330.7 W/O No: 40-06737

The maintenance operations described above were inspected and/or repaired in accordance with current FAA Regulations with respect to the work performed, the aircraft and/or component is approved for return to service. Pertinent details are on file at this agency under the above referenced Work Order.

Signed: Jeffrey D. Williams

WINNER AVIATION CORPORATION, CRS # W6NR985J

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 →				



YOUNGSTOWN-WARREN REGIONAL AIRPORT • VIENNA, OH 44473
PHONE: (330) 856-5000 • FAX: (330) 856-4582 • CRSW6NR985J

ENGINE

Continental <> IO- 550-N <> S/N: 686326
N972JM <> Cirrus SR22 <> S/N: 0212

1. Installed Overhauled # 1 Alternator (Satisfies 2000 Hour Replacement), P/N: 646843R, S/N: K070002.0R. Removed S/N: 005JA106. All Work Performed and Tested I.A.W. TCM IO-550 Overhaul Manual, TCM SB 11-3 Instructions, and Cirrus SR22 M.M.

Date: 7-1-11 Hobbs: 1339.6 AFTT: 1339.6 Eng TSN: 1339.6 W/O No: 40-06857

The maintenance operations described above were inspected and/or repaired in accordance with current FAA Regulations with respect to the work performed, the aircraft and/or component is approved for return to service. Pertinent details are on file at this agency under the above referenced Work Order.

Signed: Jeffrey D. Williams *[Signature]* for,

WINNER AVIATION CORPORATION, CRS # W6NR985J

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 8/29/2011; Aircraft: N972JM; Type: CIRRUS SR22; S/N: 0212

Complied with annual inspection of engine. Compression tested: 1] 68/80, 2] 70/80, 3] 72/80, 4] 72/80, 5] 71/80, 6] 70/80 Min of day 41/80.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this engine has been inspected in accordance with a annual/100hr inspection and was determined to be in airworthy condition.

ACTT: 1342.3 Hobbs time: 1342.3 WO#: 11-1962 TSN: 1342.3

Signed *[Signature]*
AirQuest Aviation 485 Airport Rd. Butler, PA 16002
Q3ER924K

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 1/09/2012; Aircraft: N972JM; Type: CIRRUS SR22; S/N: 0212

Removed #2 alternator p/n BC410-1 s/n 0921466. Installed overhauled #2 alternator p/n BC410-1 s/n 01075721X in accordance with B & C Specialty Products Instructions BC410 RevC. Run up and operations check ok.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#: 12-2168

Hobbs time: 1351.4

Authorized Signature *[Signature]*

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation "Authority/Country": FAA/United States	2.	3. Form Tracking Number: 120069
4. Organization B & C SPECIALTY PRODUCTS INC. 123 EAST 4 TH ST. NEWTON, KS. 67114-0894	Customer: AirQuest Aviation 485 Airport Road Butler, PA 16002	5. Work Order, Contract, or Invoice Number: 120511-5721
6. Item 1	7. Description Alternator	8. Part Number BC410-1
9. Eligibility * N/A	10. Quantity 1	11. Serial/Batch Number 01075721X
12. Status/Work Overhaul		

13. Remarks:
 Item 1: Overhauled in accordance with B&C Specialty Products #BC410 Overhaul / Component Maintenance Manual for the BC410 Alternator.
 A complete description of work performed is on file at the above referenced organization under the part description listed in blocks 6, 7, 8, 10, 11, and the invoice number indicated in block 5.

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.	19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.
--	---

15. Authorized Signature	16. Approval/Authorization No.:	20. Authorized Signature <i>Cheryl Hedding</i>	21. Certificate Number ZG9R933X
17. Name (Typed or Printed)	18. Date (m/d/y):	22. Name (Typed or Printed) Cheryl Hedding	23. Date January 6, 2012

***User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

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AirQuest Aviation

485 Airport Road
Butler, PA 16002

Engine Service and Maintenance Record
Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date: 9/18/2012; Aircraft: N972JM; Type: CIRRUS SR22; S/N: 0212
Complied with annual inspection of engine. Compression test results: #1) 59/80; #2) 69/80; #3) 62/80; #4) 69/80; #5) 72/80; #6) 72/80.
Drained oil and took sample. Removed old oil filter, cut and inspected. No problems noted. Installed new filter P/N CH48108-1. Serviced engine with 8 quarts 15w50 oil. Engine run, no leaks noted. Oil change in accordance with Cirrus SR22 section 79-20. Installed new 12 spark plugs P/N REM32E. Work done in accordance with Cirrus SR22 maintenance manual section 74-20. Removed and replaced #2 fuel injector nozzle P/N 652312GTF. Leak check - ops check good. Work done in accordance with Continental Engine Inspection and service section 3-3-4 100 hour fuel injector inspection.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

ACTT: 1360.2 Hobbs time: 1360.2 ETT:1360.2 WO#: 12-2401

Signed: *[Signature]*
AirQuest Aviation 485 Airport Rd. Butler, PA 16002
23ER924K



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

Date: 11/9/12 Work Order #: AM05247 N#: N972JM

Aircraft Make/Model: Cirrus SR22 Serial #: 0212

Hour Meter: 1363.9 Aircraft total time: 1363.9

Engine Log:

- Removed hydraulic lifters from cylinders 1, 3 and 5 for inspection. Hydraulic lifters appear normal at this time. Made visual inspection of cam lobes through lifter holes. Cam lobes appear normal at this time. Reinstalled hydraulic lifters 1, 3 and 5 as per TCM O/H Manual using new seals p/n 630286, gaskets p/n 655705 and lock tabs p/n 501868.
- Complied with a Prebuy Inspection using Savvy Aircraft Maintenance Management guide.
- Cylinder compressions: 1)66 2)66 3)64 4)64 5)66 6)68. Master oriface 43 psi.

"Maintenance Release"

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

END

Signature: *[Signature]* for CRS# IKBR028F



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

Date: 11/9/12 Work Order #: AM05247 N#: N972JM

Aircraft Make/Model: Cirrus SR22 Serial #: 0212

Hour Meter: 1363.9 Aircraft total time: 1363.9

Engine Log:

- Removed hydraulic lifters from cylinders 1, 3 and 5 for inspection. Hydraulic lifters appear normal at this time. Made visual inspection of cam lobes through lifter holes. Cam lobes appear normal at this time. Reinstalled hydraulic lifters 1, 3 and 5 as per TCM O/H Manual using new seals p/n 630286, gaskets p/n 655705 and lock tabs p/n 501868.
- Complied with a Prebuy Inspection using Savvy Aircraft Maintenance Management guide.
- Cylinder compressions: 1)66 2)66 3)64 4)64 5)66 6)68. Master oriface 43 psi.

"Maintenance Release"

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

END

Signature: *[Signature]* for CRS# IKBR028F

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

LEADING EDGE
AVIATION SERVICES, INC.
Tampa, FL



Date: 5/08/2013; Aircraft: N972JM; Type: CIRRUS; S/N: 0212; Hobbs: 1401.1; Total Time: 1401.1; Engine - Type: IO-550-N, S/N: 686326, Time: 1401.1

-Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Collected oil sample for analysis. Installed cowling and performed run up.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Bennett  A&P 3026634
6582 Eureka Springs Rd. Tampa, FL 33610
Tampa Executive Airport (KVDF) 813 626 1515



APG Aviation - Maintenance & Repair
28000 Airport Rd. A-17 Punta Gorda, FL 33982
Tel: 941-575-8605 • Fax: 941-575-8734 • ga@avionix.com

11-02-2015

ENGINE LOG
N972JM

TOTAL TIME: 1749.4
HOBBS: 1749.4

Complied with Annual inspection in accordance with Cirrus checklist. Drained oil and serviced with Philips X/C 20W50. Removed oil filter and cut for metal (none noted) replaced filter with CH48108-2. Compression test #1 70/80 #2 62/80 #3 66/80 #4 60/80 #5 60/80 #6 72/80 (master orifice 44). Complied with SB2X-28-12R1 Electric fuel pump inspection.

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

John McCormack IA 47580823

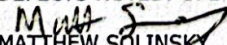




APG Aviation - Maintenance & Repair
28000 Airport Rd. A-17 Punta Gorda, FL 33982
Tel: 941-575-8605 • Fax: 941-575-8734 • qa@avionix.com

05-05-2016 N972JM SR22 SN 0212 HM 1800.0

REPLACED SPARK PLUGS 12ea UHRB32E. TESTED ALL IGNITION LEADS. NO DEFECTS NOTED. OPERATIONAL CHECK SATISFACTORY.


MATTHEW SOLINSKY
3443900 AP

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 →



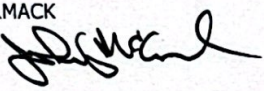
APG Aviation - Maintenance & Repair
28000 Airport Rd A-17 Punta Gorda, FL 33982
Tel: 941-575-8605 • Fax: 941-575-8734 • aa@avionix.com

12-05-2016 N972JM SR22 SN 0212 HM 1881.6 TTAF 1881.6

CW WITH THE ANNUAL INSPECTION CHECKLIST. COMPRESSIONS OVER 80: 1) 78 2)76 3)76 4)72 5)70 6)79. M.O. 69/80. BORESCOPE CYLINDERS. CHANGE OIL AND FILTER. SERVICED WITH 8qts PHILLIPS XC 20W-50 AND FILTER AA48109. CUT AND INSPECT FILTER. AVLAB SAMPLE TAKEN. CLEAN, GAP, AND ROTATE SPARK PLUGS. INSPECT MAGNETO TO ENGINE TIMING. REPLACE INDUCTION AIR FILTER BA-24. SERVICED AND SEALED GASCOLATOR. AD 16-16-12 ECI CLASS 71 OR 76 CYLINDER ASSY'S NA BY INSTALLATION. OPERATIONAL CHECK SATISFACTORY.

JOE FOUTH  TTE 1881.6
3538930 AP

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AS PER FAR PART 43 APP D AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. ADs THRU REVISION 2016-22.

JOHM McCORMACK 
47580823 IA



Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

Date: 2/13/2018; Aircraft: N972JM; Type: CIRRUS; S/N: 0212; Hobbs: 2024.8; Total Time: 2024.8; Engine - Type: IO-550-N, S/N: 686326, Time: 2024.8; Prop - Type: PHC-J3YF-1RF, S/N: FP1692B, Time: 2024.8

- Removed cowling, Cleaned engine and performed run up. Inspected for leaks and general overall condition. Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security. Annual inspection completed WRT Cirrus AMM section 5-20.
- Drained oil and serviced with 8 quarts of Phillips XC 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowling and performed run up
- Compression Check #1 70/80 #2 68/80 #3 70/80 #4 70/80 #5 70/80 #6 60/80 MO 40/80
- Verified AD compliance through bi-weekly issue 2017-26.
- Researched All Cirrus Service Bulletins for this S/N aircraft and made a list of all applicable at this time.
- Complied with fuel set-up (CMI SID 97-3G).
- After inspecting, found that #2 CHT had a break in probe wires. Removed and replaced #2 CHT probe with new as required.
- Inspected MCU and applied ACF-50 to components as requested.
- Removed and replaced push rod seals at cyl 1-2-4-5 with new as required.
- Removed corrosion on exposed crankshaft and painted with zinc phosphate primer as required.
- Removed and replaced oil pressure adjustment gasket with new as required.
- I certify that this engine has been inspected in accordance with a 100hr inspection and has been determined to be in airworthy condition.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Coradin  A&P 3502686IA

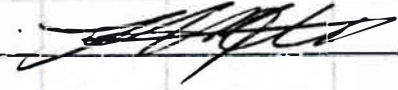
YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				



Fixed Wing Aviation Maintenance
 Lakeland Linder Regional Airport (KLAL)
 3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
 Lakeland FL 33811 863-606-5757


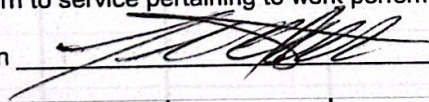
Date: 10/31/2017; Aircraft: N972JM; Type: CIRRUS; S/N: 0212; Hobbs: 1999.9; Total Time: 1999.9; Engine - Type: IO-550-N, S/N: 686326, Time: 1999.9; Prop - Type: PHC-J3YF-1RF, S/N: FP1692B, Time: 1999.9
 Drained oil and serviced with 9 quarts of Phillips XIC 20W/50. Removed and replaced oil filter and cut open oil filter for inspection. Installed cowl and performed run-up.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Coradin  A&P 3502686



YEAR: DATE	RECORDING TACH TIME	TODAYS 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.)
				<div data-bbox="391 705 582 817" data-label="Image"> </div> <div data-bbox="375 817 534 884" data-label="Text"> <p>Make: TCM S/N: 686326</p> </div> <div data-bbox="750 705 885 750" data-label="Section-Header"> <p>Engine</p> </div> <div data-bbox="710 772 925 817" data-label="Text"> <p>Date: 07/25/2018</p> </div> <div data-bbox="710 817 925 884" data-label="Text"> <p>Model: IO-550-H FT: 2083.1</p> </div> <div data-bbox="1005 705 1244 817" data-label="Text"> <p>8191 N Tamiami Trail Sarasota, FL 34243 www.AEROMx-srq.com (941) 360-9074</p> </div> <div data-bbox="1029 828 1244 896" data-label="Text"> <p>REG #: N972JM SFN: 2083.1</p> </div> <div data-bbox="359 896 1244 1019" data-label="Text"> <p>Removed and replaced L/H Magneto with an OVERHAULED T&W Electrical Services INC P/N# 610-500556-1 S/N# D090890DR IAW Continental Motors model IO-550-N Chapter 12 page 12-4, Chapter 17 Section 17-12 page 17-84.</p> </div> <div data-bbox="359 1041 885 1086" data-label="Text"> <p>Operational checked ok with no faults found.</p> </div> <div data-bbox="351 1097 774 1142" data-label="Text"> <p>Miguel L. Vicente A&P#3954737</p> </div> <div data-bbox="406 1198 646 1288" data-label="Text"> </div>

YEAR:	RECORDING TACH TIME	TODAYS 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.)
D				Fixed Wing Aviation Maintenance Lakeland Linder Regional Airport (KLAL) 3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM Lakeland FL 33811 863-606-5757
Date: 7/26/2018; Aircraft: N972JM; Type: Cirrus SR22; S/N: 0212; Hobbs: 2083.9; Total Time: 2083.9; Engine - Type: IO-550-N, S/N: 686326, Time: 2083.9, SMOH: 2083.9; Prop - Type: PHC-J3YF-1RF, S/N: FP1692B, Time: 2083.9, Last Prop MOH: 1504.5-5/06/2013, SMOH: 579.4				
<ul style="list-style-type: none"> -Removed and replaced RT mag with O/H P/N 10-500556-1 S/N D04CA003. Timed both left and right mags as required. operational check is good. no defects noted at this time. -Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter and cut open oil filter for inspection. Installed cowling and performed run-up. -Relocated and secured MAP sensor connector at baffle. no defects noted at this time. 				
The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.				
Jonathan Coradin  A&P 3502686				




Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

Date: 8/31/2018; Aircraft: N972JM; Type: Cirrus SR22; S/N: 0212; Hobbs: 2095.4; Total Time: 2095.4

-Removed spark plugs and fuel injector from cyl #1, cleaned and inspected, no defects noted. Removed and replaced exhaust lifter, pushrod seals and valve cover gasket with new on cyl #1. reinstalled cyl #1 fuel injector. Removed cyl #3 spark plugs and swapped plugs with cyl #1. completed engine operational check, no defects noted at this time.

-Checked Detent setting, found detent setting at 2380. removed copilot seat, removed RT side access panel, to gain access to power lever cables. adjusted prop cable at power lever as instructed by Cirrus MM, Completed adjustments ad prop gov as instructed. Detent set to 2490, full power RPM set at 2680. operational check is good. no defects noted at this time.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Coradin  A&P 3502686



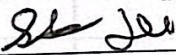


Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

Date: 11/14/2018; Aircraft: N972JM; Type: Cirrus SR22; S/N: 0212; Hobbs: 2122.5; Total Time: 2122.5; Engine - Type: IO-550-N, S/N: 686326, Time: 2122.5, SMOH: 2122.5; Prop - Type: PHC-J3YF-1RF, S/N: FP1692B, Time: 2122.5, Last Prop MOH: 2095.4-8/31/2018, SMOH: 27.1

Removed and replaced # 2 CHT with new as required.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Stephen Davis  A&P 3844466



Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

Date: 10/24/2018; Aircraft: N972JM; Type: Cirrus SR22; S/N: 0212; Hobbs: 2117.1

-Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter and cut open oil filter for inspection. Installed cowling and performed run-up.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Stephen Davis  A&P 3844466

YEAR:

TOTAL
TIME IN

Reference of Major Repairs and Major Alterations To
FAA Form ACA-337 by _____ and the Approving Agency

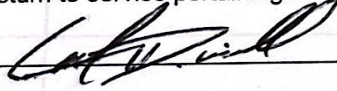


Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

Date: 6/18/2019; Aircraft: N972JM; Type: Cirrus SR22; S/N: 0212; Hobbs: 2190.5; Engine - Type: IO-550-N, S/N: 686326

-Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter and cut open oil filter for inspection. Installed cowling and performed run-up.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Carl Dwinell  A&P 3722251

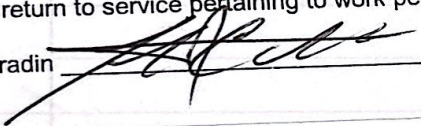


Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

Date: 9/27/2019; Aircraft: N972JM; Type: Cirrus SR22; S/N: 0212; Hobbs: 2238.5; Total Time: 2238.5; Engine - Type: IO-550-N, S/N: 686326

-Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter and cut open oil filter for inspection. Installed cowling and performed run-up.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Coradin  A&P 3502686

N 927 JM

1. Approving Civil Aviation Authority/Country: FAA / UNITED STATES	2. Authorized Release Certificate FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: <p style="text-align: right;">28798</p>
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4. Organization Name and Address: C J AVIATION, INC. 12215 SW 131 AVE. MIAMI, FL. 33186 YPGR715L	5. Work Order/ Contract/ Invoice Number: <p style="text-align: right;">28798</p>
--	---

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Fuel Pump	5217-00-1R	1	0433	OVERHAULED

12. REMARKS: Maintenance Release: The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired or overhauled and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.5330. Detail of work accomplished in work order: See Block 5.

Manual No: CJ2013-01 Revision No: B Revision Date: 20-Jan-2014

AD Detail:

SB Detail:

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.
--	---

13b. Authorized Signature: <p style="text-align: center;">N/A</p>	13c. Approval/Authorization No.: <p style="text-align: center;">N/A</p>	14b. Authorized Signature: 	14c. Approval/Certificate No.: <p style="text-align: center;">YPGR715L</p>
13d. Name (Typed or Printed): <p style="text-align: center;">N/A</p>	13e. Date: <p style="text-align: center;">N/A</p>	14d. Name (Typed or Printed): <p style="text-align: center;">CHARLIE DUFFIE</p>	14e. Date: <p style="text-align: center;">12-March-2019</p>

User / Installer Responsibilities

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

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

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

Scanned with CamScanner



Fixed Wing Aviation Maintenance
 Lakeland Linder Regional Airport (KLAL)
 3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
 Lakeland FL 33811 863-606-5757

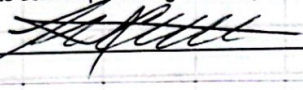
Record
 tions,

Broug

Date: 3/15/2019; Aircraft: N972JM; Type: Cirrus SR22; S/N: 0212; Hobbs: 2159.5; Engine - Type: IO-550-N, S/N: 686326, Time: 2159.5

- Removed cowling, Cleaned engine and performed run up. Inspected for leaks and general overall condition. Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security. Annual inspection completed WRT Cirrus AMM section 5-20.
- Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowling and performed run up.
- Compression Check #1 68/80 #2 66/80 #3 60/80 #4 64/80 #5 66/80 #6 68/80 MO 42/80
- Verified AD compliance through bi-weekly issue 2019-04
- Researched All Cirrus Service Bulletins for this S/N aircraft and made a list of all applicable at this time.
- Complied with fuel set-up (CMI SID 97-3G).
- Adjusted oil cooler mounting bolts to avoid future cooler case cracks.
- Removed electric boost pump for outside repair by C J Aviation, Inc. PO #: FWA-25196. Reinstalled overhauled fuel pump P/N 5217-00-1R S/N 0433.
- I certify that this engine has been inspected in accordance with a 100hr inspection and has been determined to be in airworthy condition.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Coradin  A&P 3502686IA



Fixed Wing Aviation Maintenance
 Lakeland Linder Regional Airport (KLAL)
 3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
 Lakeland FL 33811 863-606-5757

Date: 5/19/2020; Aircraft: N972JM; Type: Cirrus SR22; S/N: 0212; Hobbs: 2285.0; Engine - Type: IO-550-N, S/N: 686326, Time: 2253.8

- Removed cowling, cleaned engine, and performed run up. Inspected for leaks and general overall condition. Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security.
- Compression Check #1 70/80 #2 70/80 #3 72/80 #4 66/80 #5 71/80 #6 66/80 MO 43/80
- Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowling and performed run up.
- Verified AD compliance through bi-weekly issue 2020-10. Refer to AD note compliance record for reference to Method of compliance. The following AD's have been verified: AD 2004-08-10: N/A. AD 2009-16-03: Superseded. AD 2009-24-52: Superseded. AD 2011-25-51: Superseded. AD 2012-03-06: N/A. AD 2012-10-13: N/A. AD 2014-05-29: N/A.
- Researched All Cirrus Service Bulletins for this S/N aircraft and made a list of all applicable at this time.
- Complied with fuel set-up per Continental Maintenance manual M16.
- Removed, cleaned, inspected, and reinstalled all fuel injectors as required.
- Torque checked all oil pan bolts as required.
- Repositioned ignition harness to prevent chafing on Cyl #2 fuel injector line.
- Removed and replaced all ignition lead springs with new as required.
- Removed and replaced all spark plugs with new as required.
- Removed and replaced intake tube #4 with new as required.
- Complied with Cirrus SB2X-71-33 (TCM MSB18-08B) as required. Cylinder S/Ns as follows #1-AC16JB352, #2-AC16JB368, #3-AC16JB457, #4-AC16JB453, #5-AC16JB475, #6-AC16JB356.
- I certify that this engine has been inspected in accordance with a 100hr inspection and has been determined to be in airworthy condition.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jacob Johnson  A&P 3855457IA

YEAR:

TOTAL
TIME IN
SERVICE

Reference of Major Repairs and Major Alterations To

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

DATE



Engine

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 360-9074

Date: 01/17/2020

Make: TCM
S/N: 686326

Model: IO-550-H
FT:2268.5

REG #: N972JM
SFN:2268.5

Changed Oil and Oil Filter. Serviced with eight (8) quarts of Phillips 20W-30 X/C and a New Tempest P/N#AA48110-2 IAW Cirrus Airplane Maintenance Manual Models SR-22, Section 79-20, Paragraph 2.

Performed Operational Check with no faults found.

David G. Powers A&P#4055498

YEAR:

DATE



Fixed Wing Aviation Maintenance
 Lakeland Linder Regional Airport (KLAL)
 3760 Airfield Drive West Lakeland FL 33811
 www.fixedwingaviation.com 863-606-5757

Date: 6/11/2020; Aircraft: N972JM; Type: Cirrus SR22; S/N: 0212; Hobbs: 2294.1; Total Time: 2294.1; Engine - Type: IO-550-N, S/N: 686326, Time: 2262.9; Prop - Type: PHC-J3YF-1RF, S/N: FP1692B, Time: 2262.9

-Removed and replaced cyl#3 bottom spark plug with new tempest URHB32E

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

[Signature]
 A&P 2700197



Fixed Wing Aviation Maintenance
 Lakeland Linder Regional Airport (KLAL)
 3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
 Lakeland FL 33811 863-606-5757

Date: 11/20/2019; Aircraft: N972JM; Type: Cirrus SR22; S/N: 0212; Hobbs: 2251.0; Total Time: 2251.0

-Removed and replaced LT wing fuel drain valve with new. No leaks noted at this time.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Coradin *[Signature]* A&P 3502686



Engine

Make: TCM
S/N: 686326

Date: 08/12/2020

Model: IO-550-N
FT:2315.9

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 360-9074

REG #: N972JM
SFN:2315.9

Bulletins
Method of Compliance

Removed and replaced Cylinder # 1,2,4,5,6 Injectors, with NEW GAMI Kit No: TIG550-12E, S/N# 13441 IAW GAMIjector Installation Procedure for Continental Engines with "Tuned" Induction STC No: SE09963SC.

Performed operational check no faults were found.

Miguel L. Vicente

A&P#3954737



Airframe

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 360-9074

Date: 08/14/2020

Make: Cirrus Design
S/N: 0212

Model: SR-22
FT:2316.1

REG #: N972JM
SFN:2316.1

Removed and replaced Manifold Pressure Sensor ,with a NEW Cirrus Aircraft P/N# 12635-003. IAW Cirrus SR22 Maintenance Manual, Chapter 77, Section 77-10, Page 15.

Performed operational check no faults were found

Miguel L. Vicente

A&P#3954737

or Exchange

Serial Number

- Addition of Optional Equipment
- Removal of Optional Equipment
- Addition of Required—Exchanged for Optional
- Removal of Required—Exchanged for Optional

- Addition of Optional Equipment
- Removal of Optional Equipment
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- Removal of Optional Equipment
- Addition of Required—Exchanged for Optional
- Removal of Required—Exchanged for Optional

YEAR: DATE	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange			
		Item	Manufacturer's Name	Model	Serial Number
		<div style="display: flex; justify-content: space-between;"> <div data-bbox="239 784 446 884">  </div> <div data-bbox="590 795 766 840"> <p>Avionics</p> </div> <div data-bbox="861 806 1101 918"> <p>8191 N Tamiami Trail Sarasota, FL 34243 www.AEROMx-srq.com (941) 360-9074</p> </div> </div> <div style="margin-top: 10px;"> <p>Make: Cirrus Design S/N: 0212</p> <p>Date: 08/21/2020 Model: SR-22 FT: 2317.9</p> <p>REG #: N972JM SFN: 2317.9</p> <p>A&P#: 3653259</p> <p>Nicholas J. Ranaldo <i>N.R.</i></p> <p>Found and repaired Unsoldered Factory Splice connecting Manifold pressure signal line to Manifold Pressure Gauge and Sensor Interface Unit IAW AC 43.13-1B, (Rev date: 09.08.1998), Page 4-61, Paragraph 4.</p> <p>Operation check Ok.</p> </div>			
					<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required—Exchanged for Optional <input type="checkbox"/> Removal of Required—Exchanged for Optional
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Engine

Date: 09/17/2020

Make: TCM
S/N: 686326

Model: IO-550-N
FT:2328.9

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 360-9074

REG #: N972JM
SFN:2328.9

Removed and replaced Cylinder #6 CHT probe with one (1) new Rochester P/N# 3080-38 IAW Cirrus Airplane Maintenance Manual, Model SR22, Task 7-20, Page 3.

Performed operational check, no faults found.

David G. Powers

A&P#4055498



Engine

Date: 09/17/2020

Make: TCM
S/N: 686326

Model: IO-550-N
FT:2328.9

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 360-9074

REG #: N972JM
SFN:2328.9

Removed and replaced Oil Pressure Sensor with one (1) new Cirrus P/N# 12-635-004 IAW Cirrus Airplane Maintenance Manual, Model SR22, Task 7-30, Page 10, Section F.

Performed operational check, no faults found.

David G. Powers

A&P#4055498



Avionics

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 360-9074

Date: 09/10/2020

Make: Cirrus Design
S/N: 0212

Model: SR-22
FT:2327.8

REG #: N972JM
SFN:2327.8

Notes

Found and repaired Un-Soldered Connections on Oil Pressure Sender Signal Line and Fuel Flow Sender Signal Line IAW AC 43.13-1B, (Rev date: 09.08.1998), Page 4-61, Paragraph 4.

Operational check ok.

Nicholas J. Rinaldo

A&P#3653259



Engine

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 360-9074

Date: 09/10/2020

Make: TCM
S/N: 686326

Model: IO-550-H
FT:2327.8

REG #: N972JM
SFN:2327.8

Performed Oil Change, serviced with (8) Quarts of AeroShell W100 PLUS and a NEW Tempest P/N# AA48108-2 IAW Cirrus SR22 Maintenance Manual (Rev.B8) Chapter 12, Section 12-10, Pages 7-9.

Performed operational check with no faults found.

Nicholas J. Rinaldo

A&P#3653259

ENGINE LOG

4-20-2021

Reg: **N972JM**
Make: **CIRRUS**
Hobbs: **2364.8**

Eng. S/N: **686326**
Model: **IO-550N**
Tach: **N/A**
TTSMOH: **0**



ine Service and Maintenance Record

ions, Inspections, Airworthiness Directives, Special Inspections, ations and Service Bulletins

1. C/W Prebuy Survey
2. Drained oil, removed and inspected oil filter. No defects noted. Installed new AA48109 filter, and serviced with 8 qts Phillips 20W50.

Kevin Pierron A&P 3343189IA

WWW.STEELAVIATION.COM




Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

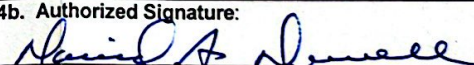
Date: 8/05/2021; Aircraft: N972JM; Type: Cirrus SR22; S/N: 0212; Hobbs: 2364.8; Total Time: 2364.8; Engine - Type: IO-550-N, S/N: 686326, Time: 2333.6, SMOH: 2333.6; Prop - Type: PHC-J3YF-1RF, S/N: FP1692B, Time: 2333.6, Last Prop MOH: 2095.4-8/31/2018, SMOH: 238.2

- Complied with Cirrus 100 hour inspection checklist.
- Removed cowling, cleaned engine, and performed run up. Inspected for leaks and general overall condition. Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security.
- Drained oil and serviced with 8 quarts of . Removed and replaced oil filter, cut open oil filter for inspection. Installed cowling and performed run up.
- Compression Check #1 62/80 #2 68/80 #3 67/80 #4 67/80 #5 65/80 #6 70/80 MO 42/80
- Verified AD compliance through bi-weekly issue 2021-13. Refer to AD note compliance record for reference to Method of Compliance.
- 2020-16-10 - Cross-flow Cylinders Assembly Integrity - previous compliance with SB 2x-71-33 on log entry dated 5/19/20
- Installed new clip on Injector line #3
- Placed RTV sealant. to isolate #1 injector line from intake tube.
- Removed engine driven fuel pump P/N: 655921-1A5, S/N: B02CA046. Installed overhauled engine driven fuel pump P/N: 655921-3A1, S/N: B05BA415.
- LH Mag removed and reinstalled , new gasket installed as well as new drive couplings installed as needed.
- Removed and replaced all push rod seals and valve cover gaskets.
- Removed and replaced crush gasket on oil pressure relief valve with new.
- Starter removed and oring replaced as needed.
- Torque checked vernatherm.
- All cylinder drain line seals removed and replaced with new ones as needed.
- Removed and cleaned #2 and #5 fuel injector. Inspected, and reinstalled #2 and #5 fuel injector.

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

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller  A&P 2700197IA

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: GPFM 21-437	
4. Organization Great Planes Fuel Metering, Inc 740 South 142 nd East Ave, Tulsa Oklahoma 74108 CRS # 1GPR022B					5. Work Order/ Contract/ Invoice Number: 21-437	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Fuel pump	655921-3A1	1	B05BA415	Overhauled	
12. Remarks: Repair Spec GPL1000 Rev 2 5/20/12. CMI SB00-10.						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval Authorization No:	14b. Authorized Signature: 		14c. Approval/Certificate No: 1GPR022B	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): David A. Dewell		14e. Date (dd/mm/yyyy): 28/Jul/2021	
User/Installer Responsibilities						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						

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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N972JM

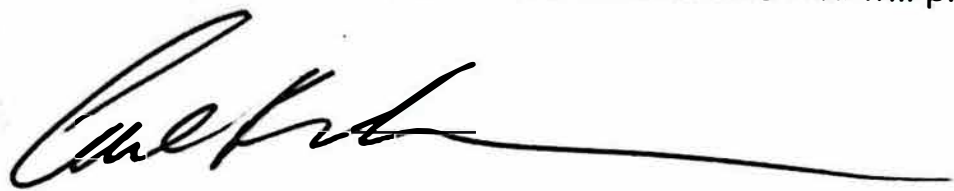
log book entry

Date: Sept 4th 2021

Tach Time: 2386.3

Drained and replenished engine oil this date with 8 quarts Aeroshell 100W plus and a pint of camguard. Installed new champion filter CH48108-1 Cut removed filter and inspected, no debris found, collected sample to be sent to Blackstone laboratories and will provide it to aircraft owner upon arrival.

Carl K Robbins
AP 2774378



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				



22 Oct 2021 IO-550-N S/N 686326 Hobbs 2412.5
 Engine Removed for Overhaul. Pertinent details of the repair are on
 file at this agency under work order number 29101 Completed Date
 22 Oct 2021.
 Signed *[Signature]* for Columbia Aircraft Services, Inc
 Bloomsburg Pa 17815 FAA R.S. JM2R930K

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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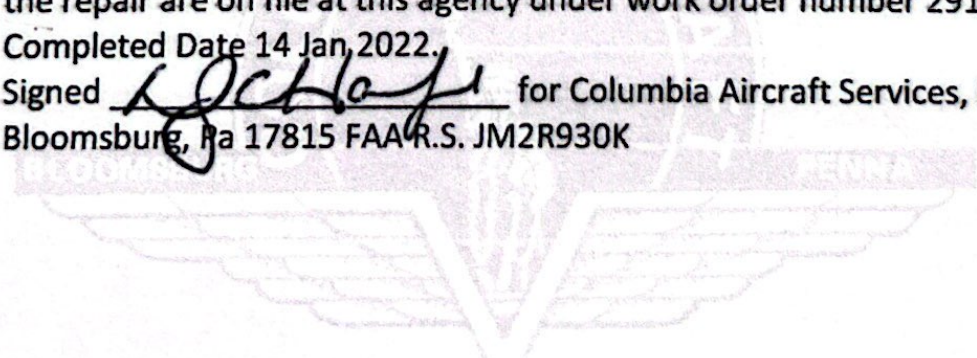
②



14 JAN 2022 N972JM CIRRUS SR-22 S/N 0212 IO-550-N S/N 686326
 Hobbs 2412.5 TSMOH 0.0

Engine Removed for Major Overhaul Engine IO-550-N S/N 686326.
 Overhauled and Reinstalled. New Engine Mounts Installed Barry
 Mounts 08-07712. Alternator O/H ELS ES6024D S/N A211094 AND
 inspected gear 646655 S/N L-21124. Engine Hose Kit Installed see
 attached Parts List. Serviced with 10 Qrts Mineral Oil and AA48108-2
 Filter Engine Ground Run and Found Satisfactory. Pertinent details of
 the repair are on file at this agency under work order number 29101
 Completed Date 14 Jan, 2022.

Signed [Signature] for Columbia Aircraft Services, Inc
 Bloomsburg, Pa 17815 FAA R.S. JM2R930K



Scanned with CamScanner

YEAR
20
DATE

4

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.)

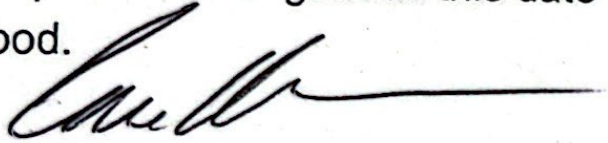
N972JM

log book entry

Date: April 3 2022

Tach Time: 2434.1

Drained and replenished engine oil this date with 8 quarts 20w-50 and a pint of camguard
Leak check good.



Carl K Robbins

AP 2774378

YEAR

6

RECORDING

TODAY'S

TOTAL

Description of Inspections, Tests, Repairs and Alterations

... Certificate Number of
s.)

Airframe Logbook entry

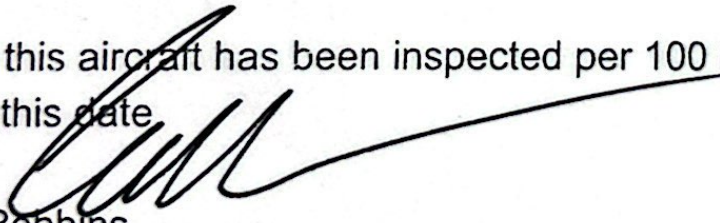
8/31/2022 Cirrus SR22 SN 0212

Tach 2453.7

C/W Annual inspection this date, Checked ELT per 91.407 (d) no defects found. Lubed all control cables and pulleys, Replaced RH brake pads with new pads. Serviced 5606 brake reservoir. Installed new Engine air filter. Rerouted and secured engine CHT/EGT harness wires. adjusted timing to 22* BTC both mags. Replaced aspen backup battery and performed Cap check good. Found and repaired damaged oil temp probe wiring.

Checked new AD's to date.

I certify this aircraft has been inspected per 100 inspection using cirrus checklist and is ok for return to service this date



Carl K Robbins
IA 2774378

Scanned with CamScanner

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 →					



14 JAN 2022 IO-550-N S/N 686326 Hobbs 2412.5 TSMOH 0.0 Major Overhaul Engine IO-550-N S/N 686326. Crankshaft P/N 649900 STD/STD S/N N02BA494 Ultrasonic Test C/W. New Camshaft P/N 654084A1 & Lifters P/N SA646277, SA628488. Installed 6ea. New Cylinder Assy's P/N 858815A2. Installed O/H Magneto's Bendix S6RSC-25 P/N 10-500556-1 S/N D04CA003 & Bendix S6RSC-25 P/N 10-500556-1 S/N D090890DR. Installed O/H Starter P/N 646275-1 S/N H-Q-201408. Overhauled Fuel Manifold, P/N 646433-5A2P S/N C02CA038 & Metering Valve P/N 653353-5A1 S/N A02CA020 Fuel Pump 655921-3A1 S/N B05BA415. Engine Test Cell run and found satisfactory. Itemized Parts List and Released Certificates are Included. Mdl. IO-550-N, S/N 686326. Engine has been Overhauled in accordance with Factory Overhaul Manual M-16 7/15. All Applicable FAA AD's & Factory Service Bulletins have been complied with. All parts have been inspected & have been determined Airworthy for return to Service. Pertinent details of the repair are on file at this agency under work order number 29101 Completed Date 14 Jan 2022.
Signed *[Signature]* for Columbia Aircraft Services, Inc Bloomsburg, Pa 17815 FAA R.S. JM2R930K

Engine Logbook entry

**8/31/2022 Cirrus SR22 SN 0212 Engine IO-550-N S/N 686326
Tach 2453.7**

C/W 100 inspection of engine. C/W compressions 72,78,75,72,78,78/80 respectively, adjusted timing to 22* BTC both mags. Cleaned and gapped all spark plugs. All ADs checked this date

I Certify that I have inspected this engine and find it in an airworthy condition this date.

[Signature]
Carl K Robbins
IA2773478

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 10/26/2023; Aircraft: N972JM; Type: CIRRUS SR22; S/N: 0212
Shop Order #: 23-4614
Airframe Log

- 1:) Complied with 100 hour / annual inspection of airframe in accordance with Cirrus SR22 maintenance manual chapter 5.
- 2:) Removed old induction filter and replaced with new induction filter P/N: BA24. 3:) Removed fuel bowl, cleaned, and reinstalled with new O-ring P/N: MS29513-137 and new seal P/N: NAS1523-8B in reference to Cirrus SR22 maintenance manual chapter 28. Performed satisfactory leak check on fuel bowl.
- 4:) Replaced ring terminal on oil temp probe. Operational check complete.
- 5:) Replaced battery in ELT remote switch with new Duracell 28L battery IAW ACK Technologies E-01 Installation and Operation Manual. Operational check good. Battery life for Litium battery is 10 years, battery due replacement 09/2033.
- 6:) Complied with research of airworthiness directives for aircraft.
- 7:) Complied with 12 month inspection of ELT per FAR 91.207 (d).
- 8:) Removed 5 working/smoked rivets on the right flap and installed 5 blind rivets PN(3214-4) in reference with Cirrus SR 22 Maintenance Manual Ch. 51.
- 9:) Installed new landing light vibration isolator mount PN 14502-003 IAW SR22 MM 33-40-00. Ground operational check OK.
- 10:) Repaired elongated L/H fairing bolt hole in reference to Cirrus SR22 maintenance manual chapter 51.
- 11:) Modified air induction filter bracket to prevent filter from chafing on top cowling in reference to Cirrus SR22 maintenance manual chapter 71.
- 12:) Removed R/H FWD baffle damaged rivet and replaced with new rivet P/N: CR3213-4-4 in reference to Cirrus SR22 maintenance manual chapter 71.
- 13:) Cleaned and treated areas where corrosion was found under aft baggage floor in reference to Cirrus SR22 maintenance manual chapter 20.
- 14:) Replaced ELT (8) duracell D batteries dated 2032 refrenced to ACK Technologies E-01 Installation and Operation Manual operational check.
- 15:) Replaced inoperative Davtron digital clock model 803 with new model 803 digital clock s/n 19042 IAW Davtron 803 Digital Clock Operation Manual. Battery is recommended to replaced anually.Operational check good.
- 16:) Replaced aft rudder rod end with new 11315-004 and completed inspection/check of rudder rigging IAW SR22 MM 27-20-00.
- 17:) Removed all (14) wellnuts and installed (10) short wellnuts PN(50803-001) and (4) long wellnuts PN(50802-001) in reference of Cirrus SR-22 Maintenance Manual Ch. 32.

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- 18:) Re-attached L/H MLG strut faring mount per Cirrus SR 22 Maintenance Manual Ch. 32.
- 19:) Replaced landing light connector with new connector PN 206060-1 IAW AMP connector instructions. Operational check satisfactory.
- 20:) Replaced 2 each current sensors, ALT1 and ALT2, with new PN 14604-002 IAW SR22 MM 24-30. Ground operational check OK.
- 21:) Removed flap switch from center console, reinstalled adjustable limit tab washer to limit flap switch to 3 postions, and reinstalled flap switch IAW SR22 MM 27-50. Ground operational check complete.

- 22:) Complied with 10 year CAPS overhaul/ replacement and CAPS Rocket Motor Assembly Replacement per SB 2X-95-17R3, removed rocket motor assembly p/n 25363-001 s/n 0752 and base, ignitor p/n 26602-001 s/n 0752, and parachute p/n 14242-101 s/n 00425-R1. Temporarily Installed inspected parachute p/n 25337-006 s/n 0445 but removed due to manufacturing defect, installed inspected parachute p/n 25337-006 s/n 0487 with pack date of 9/15/2023, new rocket motor assembly, p/n 29554-003 s/n 5588 mfg. date of 8/10/2023, ignitor p/n TRM-350-018 Lot # 230417 s/n 5588, Aft Grain p/n 29501-002 s/n 5588, FWD Grain p/n 29501-001 with s/n 5588, RR 819578, using retrofit kit p/n 70269-001 and kit p/n 70268-001 Also complied with SB SB2X-95-24R2 CAPS Rocket Shelf Ground wire with kit p/n 70572-001. Work performed in accordance with Cirrus SB SB2X-95-17R3, SB2X-95-24R2 and Cirrus SR22 CAPS Component Maintenance Manual 95-01-01 Rev. F.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return for Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this AIRFRAME has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.
ACTT: 2498.3 Hobbs time: 2498.3

Signed  Nathan Courtney for AirQuest Aviation CRS: Q3ER924K

Scanned with CamScanner

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	→				
11-7-22					Drained oil + inspected oil filter, no debris found. Installed new 48109 filter + serviced with 7 qts Phillips 20W-50. Adjusted LH + RH Mag timing to 22° BTDC. Engine run-up, ops cks, + leak cks good. Nathan S. Pallade AYP 3366048IA
tach					
2477.5					

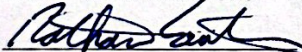
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Date: 10/26/2023; Aircraft: N972JM; Type: CIRRUS SR22; S/N: 0212
Shop Order #: 23-4614
Engine Log

- 1:) Complied with 100 hour / annual inspection of engine in accordance with Cirrus SR 22 maintenance manual, chapter 5.
- 2:) Compression tested: 1] 78/80, 2] 72/80, 3] 72/80, 4] 74/80, 5] 74/80, and 6] 73/80.
- 3:) Removed fuel injectors, cleaned, and reinstalled with new washers P/N: X1473 (Qty. 6), new washers P/N: 628556 (Qty. 6), new washers P/N: 640612 (Qty. 6), and new o-rings P/N: 630979-9 in reference to Continental tuned fuel nozzles installation and maintenance manual section E. Performed satisfactory leak check for fuel injectors.
- 4:) Drained engine oil and removed oil filter, opened and inspected filter for contamination. No contamination found. Installed new P/N AA48108-2 filter and serviced engine with 8 quarts of Phillips XC20W-50 oil. Leak check good.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return for Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.
ACTT:2498.3 Hobbs time:2498.3 ETT: 2467.3 ETSOH: 85.8

Signed  Nathan Courtney for AirQuest Aviation CRS: Q3ER924K