

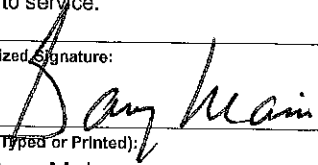
1. Approving Civil Authority/Ct. FAA/United States	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: INVOICE#40902
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4. Organization Name and Address: Main Turbo Systems, Inc. 234 South Cotta Court Visalia, Ca. 93292 U.S.A.	FAA Approved Repair Station# MAMR190K Certificate NO: EASA.145-6274 (800) 847-8815 or (559) 635-3322	5. Work Order/Contract/Invoice Number: W/O#51375
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	HARTZELL TURBOCHARGER	466304-0003	1	KIL00437	Overhauled

12. Remarks:

1. Turbocharger overhauled per Hartzell overhaul manual P/N 400600-0000 Revision B, and EA 09-28.
2. All Hartzell service letters, bulletins and AD notes complied with.
3. Parts installed per overhaul manual.

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other 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.: MAMR190K
13d. Name (typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Gary Main	14e. Date (dd/mmm/yyyy): 13/Jun/2016

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 block 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.

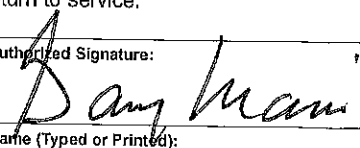
1. Approving Civil Authority/C FAA/United States	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: INVOICE#40902
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4. Organization Name and Address: Main Turbo Systems, Inc. 234 South Cotta Court Visalia, Ca. 93292 U.S.A.	FAA Approved Repair Station# MAMR190K Certificate NO: EASA.145-6274 (800) 847-8815 or (559) 635-3322	5. Work Order/Contract/Invoice Number: W/O#51369
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	HARTZELL TURBOCHARGER	466304-0003	1	LGL00076	Overhauled

12. Remarks:

1. Turbocharger overhauled per Hartzell overhaul manual P/N 400600-0000 Revision B, and EA 09-28.
2. All Hartzell service letters, bulletins and AD notes complied with.
3. Parts installed per overhaul manual.

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other 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.: MAMR190K
13d. Name (typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Gary Main	14e. Date (dd/mmm/yyyy): 13/Jun/2016

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 block 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.

1. Approving Civil Authority/Co: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: INVOICE#40902	
4. Organization Name and Address: Main Turbo Systems, Inc. 234 South Cotta Court Visalia, Ca. 93292 U.S.A.					5. Work Order/Contract/Invoice Number: W/O#51370		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	KELLY / HARTZELL WASTEGATE	470842-9004	1	NF000172	Overhauled		
12. Remarks: 1. This unit overhauled and parts installed per Kelly Aerospace overhauled manual 400999-0000 Revision C. 2. All Kelly Aerospace service letters, bulletins and AD notes complied with. 3. No others.							
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other 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: <i>Gary Main</i>		14c. Approval/Certificate No.: MAMR190K		
13d. Name (typed or Printed):		13e. Date (dd/mmm/yyyy):	14d. Name (typed or Printed): Gary Main		14e. Date (dd/mmm/yyyy): 13/Jun/2016		
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 block 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.							

Packing Slip



Packing Slip PAK002964
 Document Date 6/23/2016
 Who Printed bkallberg
 Date/Time Printed 6/23/2016 10:17:59 AM

Tornado Alley Turbo, Inc.
 300 AIRPORT ROAD
 ADA OK 74820

Bill To: JEWELL AVIATION, INC. - MO
 P.O. BOX 623
 KENNETT MO 63857

Ship To: 418 AIRPORT ROAD
 KENNETT MO. 63857

* Item Shipped Directly from Vendor

		Customer ID	Salesperson ID	Shipping Method	Payment Terms	Req Ship Date	Master No.
959DR		JEWAVI1000		FEDEX ON STD	CREDIT CARD	6/23/2016	4,577
Ordered	Shipped	B/O	Item Number	Description	Site	UOM	
1	1	0	MS20005-25	BOLT	PARTS		PK4
			RR-12383	4			
1	1	0	ETI-G2-711	TIT PROBE	PARTS		EA
			RCT 7676	1			

The parts for this order have been double checked by shipping personnel and subsequently confirmed by our QA department. We will not honor any missing parts claims made more than 5 days after you received shipment. We have included the packing verification document to assist you in verifying the items purchased. Thank you for your order, we appreciate your business!

Certificate of Conformity

Tornado Alley Turbo, Inc. hereby certifies that the parts included in this shipment were manufactured in accordance with FAA PMA's and have been inspected in accordance with our FAA approved Quality Assurance and Fabrication Inspection procedures. Tornado Alley Turbo, Inc. further confirms that any parts referenced above which were not manufactured by Tornado Alley Turbo, Inc. have been procured from an approved supplier, and that certifications from such suppliers, if not provided with this shipment, are on file at our business location.

Harvey Connelly

Harvey Connelly - QA Manager

Parts Department

[Signature]

Date 6/23/16

Packing Slip



Packing Slip PAK002966
Document Date 6/23/2016
Who Printed bkallberg
Date/Time Printed 6/23/2016 1:22:54 PM

Tornado Alley Turbo, Inc.
300 AIRPORT ROAD
ADA OK 74820

Bill To: JEWELL AVIATION, INC. - MO
P.O. BOX 623
KENNETT MO 63857

Ship To: 418 AIRPORT ROAD
KENNETT MO. 63857

* Item Shipped Directly from Vendor

		Customer ID	Salesperson ID	Shipping Method	Payment Terms	Req Ship Date	Master No.
959DR		JEWAVI1000				6/23/2016	4,583
Ordered	Shipped	B/O	Item Number	Description	Site	UOM	
1	1	0	22-6200023 MO 4083	BUSHING, SUPPORT WASTE GATE BRACKET SHORT 1	PARTS	EA	

The parts for this order have been double checked by shipping personnel and subsequently confirmed by our QA department. We will not honor any missing parts claims made more than 5 days after you received shipment. We have included the packing verification document to assist you in verifying the items purchased. Thank you for your order, we appreciate your business!

Certificate of Conformity

Tornado Alley Turbo, Inc. hereby certifies that the parts included in this shipment were manufactured in accordance with FAA PMA's and have been inspected in accordance with our FAA approved Quality Assurance and Fabrication Inspection procedures. Tornado Alley Turbo, Inc. further confirms that any parts referenced above which were not manufactured by Tornado Alley Turbo, Inc. have been procured from an approved supplier, and that certifications from such suppliers, if not provided with this shipment, are on file at our business location.

Harvey Connelly


Harvey Connelly - QA Manager

Parts Department *[Signature]*

Date 6-23-16

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.	
12/20/07	5	.4			

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE NUMBER HAS BEEN INSTALLED ON THIS ENGINE
SE10589SC

CDC  DEC 20 2007
Cirrus Design Corporation Duluth, MN USA
PC# 338CE

ENGINE MODEL: IO-550-N
ENGINE S/N: 691475
REG. NO: 959DR
WORK ORDER:
10655-01-2008



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone: 218- 788-3101

DATE: 1/25/2008
AVC TSN: 24.5
ENG TT: 6.1
HOBS: 24.5

*FLT 24.5
HOBS 32.1 DR2*

Engine Entries

(4) Removed and Replaced LH and RH Waste Gate Dump Flange (P/N ETI-SR22-109-1), with new, IAW ETI Installation Instructions Report 22-6460001.... (5) Changed engine oil and filter p/n 50857-001, serviced engine with 8 quarts of Aeroshell 15W50 engine oil. Performed particulate inspection on drain plug & old filter- none found. Performed operational and leak checks. Op's and leak checks good. All work was accomplished I.A.W. Cirrus SR22 A.M.M. 12-20

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.

DATE: 1/25/2008

SIGNED:

Darrel Zimmer
Certified Repair Station No. YD5R855Y

Darrel Zimmer

Work Order: 10655-01-2008

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

Date: March 7, 2008	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 101.1 / 82.2

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-08-16694

[001] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts Phillips X/C 20W-50.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed

[Signature]
Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

Jim Iler
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

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.	

MAINTENANCE RECORD

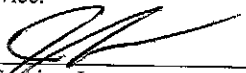
Date: April 25, 2008	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs: 150.0

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-08-16694

[001] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts Phillips X/C 20W-50.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed 

Central Flying Service, Inc. Jim Iler CRS No. HBKR587E
1501 Bond Street, Little Rock, AR 72202 Phone: (501) 375-3245, (800) 888-5387 FAX (501) 374-2150

MAINTENANCE RECORD

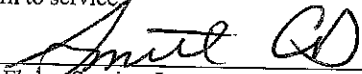
Date: May 13, 2008	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flt. Hr.: 230.9 / 201.4
Engine: IO-550-N	Serial #: 691475	TET: 230.9

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-08-17154

[001] Drained engine oil, removed and inspected oil filter no metal was found. Installed new oil filter P/N CH48108-1 and serviced engine with 8 quarts of Phillips X/C 20 / 50 WT. Washed and ran engine which leak checked good at this time.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed 

Central Flying Service, Inc. Jim Iler CRS No. HBKR587E
1501 Bond Street, Little Rock, AR 72202 Phone: (501) 375-3245, (800) 888-5387 FAX (501) 374-2150

MAINTENANCE RECORD

Date: August 14, 2008	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 267.5 /
Engine: IO-550-N (50)	Serial #: 691475	Total Time:

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-08-17547

[001] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts Phillips X/C 20W-50.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed 

Central Flying Service, Inc. Jim Iler CRS No. HBKR587E
1501 Bond Street, Little Rock, AR 72202 Phone: (501) 375-3245, (800) 888-5387 FAX (501) 374-2150

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

Brought

MAINTENANCE RECORD

Date:	November 26, 2008	Page 1 of 1 Pages	Reg. No:	N959DR
Aircraft:	Cirrus SR22	Serial #:	Hobbs / Flight:	377.8 / 319.2
Engine:	IO-550-N (50)	Serial #:	Total Time:	

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-08-18065

[001] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts Phillips X/C 20W-50.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

JAMES ILER
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

MAINTENANCE RECORD

Date:	01-09-2008	Page 1 of 1 Pages	Reg. No:	N959DR
Aircraft:	Cirrus SR22	Serial #:	H.M. / FLT. Time	405.4 / 343.0
Eng:	IO-550-N50	Serial #:	Total time:	405.4
Prop	PHC-J3YF-1F	Serial #:	Total time:	405.4

The below listed items were accomplished in accordance with Cirrus SR22 Aircraft Maintenance Manual and other approved or acceptable data as applicable. Work order discrepancy numbers are shown in brackets [], followed, in bold, directly by AD notes and SB's..

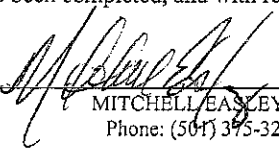
Work Order PG-08-18191

- [500] Annual inspection
- [500] Engine cylinder compression check as follows # 1 64/80 # 2 66/80 # 3 72/80 # 4 64/80 # 5 70/80 # 6 66/80
- [500] Engine oil drained and serviced with 8 quarts Phillips XC 20W50, oil filter p/n CH48108-1 removed and replaced with new same p/n
- [500] 25, 50, 100 and 200 hr or 2 year inspection on engine turbonormalizing system
- [400] 6 month, 100, 200, and 300 hr lubrication requirements
- [450] ELT inspection and test per 14 CFR Part 91.207 (d) battery replacement due 01-2013
- [451] Portable fire extinguisher weight check, s/n V123580
- [452] Left and right brake assemblies o-rings replacement p/n M83461/1-222 and temp decals p/n 51698-001
- [453] Engine induction air filter p/n 33-2022 removed and replaced with new same p/n
- [454] Engine fuel nozzles 300 hr cleaning
- [455] **TCM SID97-3E** Procedures and specifications for adjustment of TCM continuous fuel flow injection systems
- [456] 50 hr and annual inspection of Precise Flight Fixed Oxygen System
- [059] Left exhaust ground strap p/n MS25083-6886 removed and replaced with new same p/n
- [200] Right cabin door latch rotary actuator p/n 20289-002 removed and replaced with new same p/n
- [250] Pilots assist handle p/n 10690-002 removed and replaced with new same p/n
- [325] Left lower strut grommet p/n 18362-001 removed and replaced with new same p/n
- [326] Right lower strut grommet p/n 18362-001 removed and replaced with new same p/n
- [8001] Right entrance door interior frame prepped and painted using PPG Automotive FBC 92813 White, PPG F3930 clear coat and PPG F3260 clear hardener

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202


MITCHELL EASLEY
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 975-9596

* Installer must cross-check eligibility with appropriate FAA Form 8130-3 (6-03)

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

MAINTENANCE RECORD

Date: April 22, 2009	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 470.8 / 397.8
Engine: TCM IO-550-N (50)	Serial #: 691475	Total Time: 397.8

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-09-18723

[001] Installed a new turbo inlet temp probe p/n ETI-G2-711-1.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed _____

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

JAMES ILER
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

MAINTENANCE RECORD

Date: June 5, 2009	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 505.7 / 429.3
Engine: IO-550-N (50)	Serial #: 691475	Total Time: 429.3

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-09-18937

[001] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts Phillips X/C 20W-50.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed _____

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

JAMES SCHOFIELD
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

MAINTENANCE RECORD

Date: August 3, 2009	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 563.3 / 482.0
Engine: IO-550-N (50)	Serial #: 691475	Total Time: 482.0

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-09-19222:

[001] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts Phillips X/C 20W-50.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed _____

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

James E. Schofield
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

Date	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record Installations. Inspections. Airworthiness Directives. Special Inspections,
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MAINTENANCE RECORD

Date: August 7, 2009	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 563.5 / 482.0
Engine: TCM IO-550-N (50)	Serial #: 691475	Total Time: 482.0

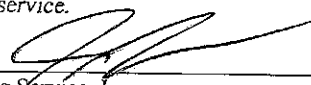
The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-09-19233

[001] Left exhaust stack removed, repaired and reinstalled. Crack repaired i/a/w AC43.13-1B, Section 4.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed



Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

JAMES ILER
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

MAINTENANCE RECORD

Date: October 23, 2009	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 638.1 / 549.3
Engine: IO-550-N (50)	Serial #: 691475	Total Time: 638.1

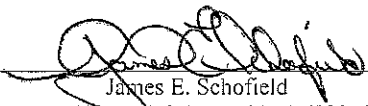
The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-09-19644:

[001] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts Phillips X/C 20W-50.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed



Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

James E. Schofield
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

* Installer must cross-check eligibility with appropriate...

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.	

MAINTENANCE RECORD

Date: January 4, 2010	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	FLT. Time / HM. 589.0 / 683.4
Eng: IO-550-N50	Serial #: 691475	Total time: 589.0

The below listed items were accomplished in accordance with Cirrus SR22 Aircraft Maintenance Manual and other approved or acceptable data as applicable. Work order discrepancy numbers are shown in brackets [], followed, in bold, directly by AD notes and SB's..

Work Order PG-09-19881:

- [500] Annual inspection.
- [500] Engine cylinder compression check as follows # 1 52/80 # 2 60/80 # 3 60/80 # 4 58/80 # 5 64/80 # 6 42/80.
- [500] Engine oil drained and serviced with 8 quarts Phillips XC 20W50, oil filter p/n CH48108-1 removed and replaced with new same p/n.
- [500] 25, 50, 100 and 200 hr or 2 year inspection on engine turbonormalizing system.
- [454] Engine mount weldment and lower mount attach fittingd 500 hour inspection complied with.
- [455] Engine fuel nozzles 300 hr cleaning.
- [456] **TCM SID97-3E** Procedures and specifications for adjustment of TCM continuous fuel flow injection systems.
- [457] Left and right magneto 500 hour inspection complied with. Left mag. p/n 10-500556-101 (S6RSC-25P), s/n D07JA027, right mag. p/n 10-500556-101 (S6RSC-25P), s/n D07JA126. Ops checked good.
- [460] **AD 2009-16-03** (9/09/09) Superior Air Parts, Inc. (SAP) Cylinder Assemblies. N/A SAP cylinders not installed.
- [461] **AD 2009-19-07** (10/7/09) EQ3 Cylinders. N/A to engine model IO-550-N.
- [462] **AD 2009-24-52** (11/8/09) Hydraulic Lifters. N/A to engine date of manufacture.
- [050] Removed and replaced # 1 cylinder spark plug with new plug p/n off / on 10-SS0N.
- [051] Cylinder # 1 has compression of 52 psi, continue in service per SB03-3 table 1.
- [052] # 6 cylinder has compression of 42 psi. (Aircraft requires flight check per SB 03-3.)

I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. 14 CFR Part 43.11(a)(4) & Appendix D.

Signed _____

John White

Central Flying Service, Inc
1501 Bond Street, Little Rock, AR 72202

John White
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 975-9596

MAINTENANCE RECORD

Date: April 26, 2010	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 746.3 / 650.7
Engine: IO-550-N (50)	Serial #: 691475	Total Time: 650.7

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-10-20439

- [001] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts Phillips X/C 20W-50.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed _____

James Iler

Central Flying Service, Inc
1501 Bond Street, Little Rock, AR 72202

JAMES ILER
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

MAINTENANCE RECORD

Date: May 29, 2010	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 746.3 / 650.7
Engine: IO-550-N (50)	Serial #: 691475	Total Time: 650.7

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-10-20578:

[001] Removed #1 CHT sensor p/n 16578-001 and installed new sensor same p/n. Op check good.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed _____

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

John White
John White
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

MAINTENANCE RECORD

Date: July 8, 2010	Page 1 of 2 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	FLT. Time: 708.6
Eng: IO-550-N50	Serial #: 691475	Total time: 708.6

The below listed items were accomplished in accordance with Cirrus SR22 Aircraft Maintenance Manual and other approved or acceptable data as applicable. Work order discrepancy numbers are shown in brackets [], followed, in bold, directly by AD notes and SB's..

Work Order PG-10-20730:

[001] Engine oil drained and serviced with 8 quarts Phillips XC 20W50, oil filter p/n CH48108-1 removed and replaced with new same p/n. Op check good.

I certify that the above listed items have been completed, and with regard to the above items, that this **ENGINE** has been approved for return to service.

Signed _____

Central Flying Service, Inc
1501 Bond Street, Little Rock, AR 72202

John White
John White
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 975-9596

MAINTENANCE RECORD

Date: July 28, 2010	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	FLT. Time: 728.5
Eng: IO-550-N50	Serial #: 691475	Total time: 728.5

The below listed items were accomplished in accordance with Cirrus SR22 Aircraft Maintenance Manual and other approved or acceptable data as applicable. Work order discrepancy numbers are shown in brackets [], followed, in bold, directly by AD notes and SB's.

Work Order PG-10-20859:

[001] Removed oil pressure relief valve, cleaned seat, reinstalled valve and adjusted. Checked good on ground run 42 psi at idle.

I certify that the above listed items have been completed, and with regard to the above items, that this **ENGINE** has been approved for return to service.

Signed _____

Central Flying Service, Inc
1501 Bond Street, Little Rock, AR 72202

John White
John White
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 975-9596

rd
ns,

MAINTENANCE RECORD

Date: August 25, 2010	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 864.9 / 769.3
Engine: IO-550-N (50)	Serial #: 691475	Total Time: 769.3

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-10-20985

[001] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts Phillips X/C 20W-50.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed 
Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

JAMES ILER
Phone: (501) 375-3245

MAINTENANCE RECORD

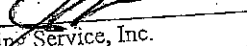
Date: November 4, 2010	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 920.5 / 824.9
Engine: IO-550-N (50)	Serial #: 691475	Total Time: 824.9

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-10-21295

[001] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts Phillips X/C 20W-50.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed 
Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

JAMES ILER
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587B
FAX (501) 374-2150

Date	Total Time		Ti Las Hr
	Hrs.	Min.	
Brought Forward →			
1/20/2011	862.8		
	862.8	AcT.	



Autopilots Central, Inc.
 Hangar 23, Tulsa International Airport - Tulsa, OK 74115
 P.O. Box 582108 - Tulsa, OK 74158
 (918)836-6418 - Fax (918)832-0136
 FAA CRS CM2R747K
 Logbook Entry

Sold To: E-Z Flier, LLC 104 Slatley Ford Rd. Greenbrier, AR 72058 United States		Work Order: MA10-03211 Acct Number: 501-940-8341	Opened: 12/13/2010 Closed: 1/20/2011
General Comments: Hobbs: 958.4 Flt. Hour: 862.8			
Aircraft Number: N959DR		Type: CIRRUS SR22	S/N: 2890
Total Time: 862.8		Hobbs Time: 862.8	Tach Time: LG Cycles:
Eng#	Type	S/N	Time
1	IO-550-N(50)	891475	862.8
			PHC-J3YF-1N
			FP831B
			862.8
Discrepancy: 1 Action Taken: N959DR, SR22-2890 Turbo Normalized, Annual Inspection. 1. Inspected this aircraft using the inspection form in the Cirrus Aircraft maintenance manual. 2. Researched the mandatory service bulletins on this a/c. 3. Reviewed the AD notes on the airframe, engine, propeller and appliances. 4. Reviewed the FAA Type Certificate #A00009CH rev. 17, dated 2-10-2010 for required equipment. 5. CW FAR 91.207 d, ELT frequency and G switch tests. The battery is due 1/2013. The ELT is an Artex ME-406 s/n: 06623. 6. IFR certifications law FAR 91.411 & 413 are due 1-31-2012. I certify this Aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition this date. W/O# MA10-03211 Date 1-20-2011 Hours 862.8 Signature: <i>Steve Collins</i> Autopilots Central, Inc. Tulsa, OK 74115 FAA CRS CM2R747K			
Discrepancy: 2 Action Taken: Made the following repairs or special inspections on this aircraft: 1. Replaced the #2 batteries. New batteries have date of 8/30/2010. Due each 24 months. 2. Replaced the cabin entry step treads. 3. Re-installed pilots map light switch button. 4. Removed aircraft battery and serviced the electrolyte. Charged battery. Completed battery capacity check using Kelly BC3000-003 Battery analyzer. Found battery capacity at 108%. Minimum capacity for continued airworthiness is 85%. 5. Lubricated the throttle/propeller cable. 6. Serviced the oxygen system with Aviator's oxygen. Oxygen bottle due for capacity test each 5 years. Next due 06-2012. Oxygen bottle has 15 year life. Due for replacement in 06-2022. 7. Complied with SB 2X-32-19R2 by inspecting the nose landing gear assembly per paragraphs D & E. Completed reinforcement of the nose landing gear by installing Cirrus kit 70238-001 per paragraph F. The upper gusset plate is due continued inspections each 100 hours per paragraph D. Cirrus Warranty. 8. Replaced the RH main landing gear tire with a new Goodyear Flt. Custom III tire p/n: 158E66-4 s/n: UC112069. 9. Complied with SB 2X-05-01 by replacing the brake caliper O-rings and installing Cirrus kit 70227-002. Installed supplements in the POH. Brake caliper O-rings now due for replacement each 5 years or "on-condition". 10. The nose gear thrust washer was elongated at the dowel positioning pin. Replaced the thrust washer and secured the set screw. 11. Found the LH and RH main landing gear wheel bearings rusted. Replaced the LH and RH wheel bearings and races. 12. Repaired the LH and RH wheel pants at the outboard center attach hole. 13. Replaced the exterior entry handles. Cirrus Warranty. 14. Found the air conditioner drive shaft pulley grommets deteriorated. Replaced all grommets in the drive shaft pulley. Cirrus Warranty. 15. Complied with SB 2X-30-07R3 by inspecting the porous panel vent holes. Found the inboard segment on the RH side			
Printed: 1/20/2011		Work Order: MA10-03211	Page: 1 of 6

MAINTENANCE RECORD

Date:	March 2, 2011	Page	1	of	1	Pages	Reg. No:	N959DR
Aircraft:	Cirrus SR22	Serial #:	2890	Hobbs / Flight:	980.0 / 884.4			
Engine:	IO-550-N (50)	Serial #:	691475	Total Time:	884.4			

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

- Work Order 041100233:
- [001] Drained engine oil, removed and inspected oil filter (some orange seal material found in filter), installed a new CH48108-1 oil filter and serviced engine with 8 quarts Phillips X/C 20W-50 Aviation oil. Op check good.
 - ❖ Inspect oil filter at next oil change for evidence of orange material.
 - [002] Removed propeller and installed new crankshaft oil seal p/n 641250, reinstalled propeller using new propeller seal p/n C-3317-228 torqued propeller nuts i/a/w SR22 MM Ch. 61-10. Op check good.

I certify that the above listed items have been completed, and with regard to the above items, that this ENGINE has been approved for return to service.

Signed *John White*
 John White
 Central Flying Service, Inc.
 1501 Bond Street, Little Rock, AR 72202
 Phone: (501) 375-3245, (800) 888-5387
 CRS No. HBKR587E
 FAX (501) 374-2150

* Installer must cross-check eligibility with applicable FAA Form 8130-3 (6-0-1)

MAINTENANCE RECORD

Date: June 8, 2011	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 1034.4 / 938.8
Engine: IO-550-N (50)	Serial #: 691475	Total Time: 938.8

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

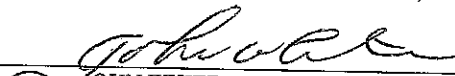
Work Order 041100655

[001] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts Phillips X/C 20W-50 Aviation oil. No contaminants detected in old filter.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202


JOHN WHITE
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

MAINTENANCE RECORD

Date: August 2, 2011	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 1086.6 / 991.0
Engine: IO-550-N (50)	Serial #: 691475	Total Time: 991.0

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order 041100911

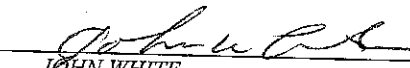
[001] Installed new EGT sensor p/n 16579-002 for #6 cylinder.

[002] Drained engine oil, removed and inspected oil filter, installed a new Champion CH48108-1 oil filter and serviced engine with 8 quarts SAE 20W-50 Phillips X/C Aviation oil.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202


JOHN WHITE
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

MAINTENANCE RECORD

Date: August 5, 2011	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 1086.6 / 991.0
Engine: IO-550-N (50)	Serial #: 691475	Total Time: 991.0

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.


Work Order 041100911

[003] Installed a rebuilt starter adapter assembly p/n 642085A17 with a new gasket p/n 653470 and a new starter o-ring p/n AS3578-038. Operation checked good.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202


JOHN WHITE
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

MAINTENANCE RECORD

Date: October 24, 2011	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 1135.0 / 1039.4
Engine: IO-550-N (50)	Serial #: 691475	Total Time: 1039.4

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

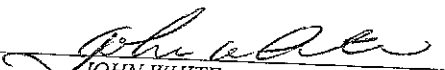
Work Order 041101254:

[001] Drained engine oil, removed and inspected oil filter, installed a new Champion CH48108-1 oil filter and serviced engine with 8 quarts SAE 20W-50 Phillips X/C Aviation oil. Op check good.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202


JOHN WHITE
Phone: (501) 375-3245, (800) 888-5387

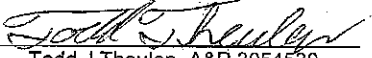
CRS No. HBKR587E
FAX (501) 374-2150

Date	N959DR	MODEL	SERIAL	TOTAL	SMOH	Record Inspections,
11/08/2011	HOBBS	SR22	2890	1155.9		
	1155.9	IO550-N	691475	1155.9		

Brought Forward

- Removed the left magneto P/N 10-500556-101 S/N D07JA027, Installed a new Magneto P/N 10-500556-101 S/N D11GA011. Timed to engine and ran. Found the engine to run smoothly and have a good mag drop.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order No 17989.

Signed 11/08/2011 
Todd J Theulen A&P 3054530

Date: 1/12/2012
N-Number: N959DR
CONTINENTAL IO-550-N50



TOTAL TIME 1178.6
FLT TIME 1083
S/N 691475

Ph/Fax 870-368-4101 Cell 870-834-5248

COMPLIED WITH ANNUAL/100 HOUR INSPECTION THIS DATE IN ACCORDANCE WITH FAR 43 APPENDIX D CHECKLIST. DRAINED OIL. REMOVED FILTER, INSPECTED AND INSTALLED NEW FILTER P/N CH48108-1. SERVICED SYSTEM WITH 8 QTS OF PHILLIPS XC20W50 OIL. CHECKED COMPRESSIONS AS FOLLOWS: 1. 78/80. 2. 79/80. 3. 77/80. 4. 79/80. 5. 78/80. 6. 78/80. REMOVED CLEANED AND REINSTALLED FUEL INJECTORS. FOUND AD 2011-25-51 NOT APPLICABLE DUE TO DATE OF STARTER ADAPTER OVERHAUL. COMPLIED WITH CIRRUS SB 2X-74-01 FINE WIRE SPARK PLUG REPLACEMENT. INSTALLED 12 NEW RHB29E SPARK PLUGS. REMOVED LEFT AND RIGHT MAGS. REINSTALLED LEFT AND RIGHT MAGS AFTER 500 HOUR INSPECTION ON RIGHT MAG ONLY. REMOVED AND REINSTALLED #1 ALTERNATOR AFTER 500 HOUR INSPECTION. REMOVED RIGHT SIDE TAILPIPE AND REINSTALLED WITH NEW V-BAND CLAMP P/N 11-1100023. REPLACED ANTERNATE AIR DOOR SWITCH ASSEMBLY WITH NEW P/N ETI-G2-703-SR. REPLACED MAGNETO AIR FILTER P/N 1396-2. REMOVED AND REINSTALLED ENGINE DRIVEN FUEL PUMP P/N ETI-SR22-2-12 S/N GP5102 FOR COMPLIANCE WITH TAT SB 11-02 FUEL PUMP SEAL REPLACEMENT. REPLACED ENGINE BREATHER HOSE WITH NEW MIL-H-6000 3/4 HOSE.

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

CHRIS EMERSON 
AP3327248IA



CONTINENTAL IO-550-N50 * S/N 691475
1220.8 HOUR METER * 1125.2 FLIGHT TIME
FEB 29, 2012

COMPLIED WITH OIL AND FILTER CHANGE. CUT FILTER AND INSPECTED, O.K. INSTALLED NEW CH48108-1 FILTER AND SERVICED WITH 8 QTS OF PHILLIPS 20W50XC OIL. REPLACED #3 CHT PROBE WITH NEW P/N 16578-001. RAN ENGINE. OPS CHECKED AND LEAK CHECKED O.K. IN ACCORDANCE WITH THE WORK MENTIONED ABOVE THIS ENGINE IS APPROVED FOR SERVICE.


CHRIS EMERSON
AP3327248

* Installer must cross-check eligibility with appropriate...

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.	

Bro



CONTINENTAL IO-550-N50 * S/N 691475
 N959DR
 1263.2 HOUR METER * 1167.6 FLIGHT TIME
 APRIL 9, 2012

NUMBER 1 ALTERNATOR INOP. REMOVED ALTERNATOR AND SENT FOR WARRANTY REPAIR. REINSTALLED ALTERNATOR. OPS CHECKED GOOD. RAN ENGINE. OPS CHECKED AND LEAK CHECKED O.K. IN ACCORDANCE WITH THE WORK MENTIONED ABOVE THIS ENGINE IS APPROVED FOR SERVICE.

CHRIS EMERSON
 AP3327248IA



CONTINENTAL IO-550-N50 * S/N 691475
 1304.9 HOUR METER * 1209.4 FLIGHT TIME
 JUNE, 2012

REMOVED PROP GOVERNOR AND INSTALLED OVERHAULED EXCHANGE P/N C290D3-R/T23 S/N 061053. COMPLIED WITH OIL AND FILTER CHANGE. RAN ENGINE. ADJUSTED MAX RPM. OPS CHECKED AND LEAK CHECKED O.K. IN ACCORDANCE WITH THE WORK MENTIONED ABOVE THIS ENGINE IS APPROVED FOR SERVICE.

CHRIS EMERSON
 AP3327248IA



CONTINENTAL IO-550-N50 * S/N 691475
 1304.9 HOUR METER * 1209.4 FLIGHT TIME
 JUNE, 2012

REMOVED FUEL PUMP FOR BENCH CHECK BY GREAT PLAINS FUEL METERING. REINSTALLED. PERFORMED FUEL FLOW SET UP IAW TCM SB 97-3. ADJUSTED THROTTLE LINKAGE AT QUADRANT TO OBTAIN PROPER IDLE. CLEANED FUEL INJECTORS AND REPLACED ALL SEALS IN UPPER DECK LINES. REPLACED CONTROLLER WITH OVERHAULED EXCHANGE UNIT P/N 470688-9005 S/N LFN00361 AND BYPASS VALVE OVERHAULED EXCHANGE P/N 470842-9004 S/N KGN00525. UNITS REPLACED DUE TO INTERNAL LEAKAGE. ADJUSTED MAX RMP AND BOOST MP. RAN ENGINE. OPS CHECKED AND LEAK CHECKED O.K. IN ACCORDANCE WITH THE WORK MENTIONED ABOVE THIS ENGINE IS APPROVED FOR SERVICE.

CHRIS EMERSON
 AP3327248IA

1. Approving National Aviation Authority/Country:
FAA/UNITED STATES

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

AA073112

4. Organization Name and Address: AIRCRAFT ACCESSORIES OF OKLAHOMA INC.
2740 North Sheridan
Tulsa, OK 74115

5. Work order/Contract/Invoice Number:
WO12-00266

6. Item:	7. Description:	8. Part number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status / Work:
1	STARTER ADAPTER	642085A17	N/A	1	12-00266	OVERHAULED

13. Remarks: THE PART IDENTIFIED ABOVE WAS OVERHAULED IN ACCORDANCE WITH FAA APPROVED DATA. THERE ARE NO APPLICABLE AIR WORTHINESS DIRECTIVES. WORK ORDER WO12-00266 SHOWING THE ACTUAL WORK PERFORMED IS ON FILE AT THIS FACILITY.

14. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 13.

19. 14 CFR 43.9 Return to Service Other regulations 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:

21. Approval Certificate Number:

RV3R829L

17. Name (Typed or Printed):

18. Date:

22. Name (Typed or Printed):

23. Date:

KARL SMITH

July 31, 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 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 insures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 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.

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.	

Br



CONTINENTAL IO-550-N50 * S/N 691475
 1338.9 HOUR METER * 1243.3 FLIGHT TIME
 JULY 12, 2012

REPLACED 2 EA EXHAUST HEAT SHIELD CLAMPS WITH NEW P/N 10028H. REPLACED UPPER DECK TUBE ASSEMBLY WITH NEW P/N 633397 AND 3 EA OF 640501 SLEEVE ASSEMBLIES. REPLACED STARTER WITH NEW SKYTEC C24ST5 STARTER. COMPLIED WITH OIL AND FILTER CHANGE. REPLACED FILTER WITH NEW CH48108-1 FILTER AND SERVICED SYSTEM WITH 8QTS OF PHILLIPS 20W50XC OIL. RAN ENGINE. OPS CHECKED AND LEAK CHECKED O.K. IN ACCORDANCE WITH THE WORK MENTIONED ABOVE THIS ENGINE IS APPROVED FOR SERVICE.

Chris Emerson
 CHRIS EMERSON
 AP3327248IA

TORNADO ALLEY TURBO INC.
 300 AIRPORT RD
 ADA, OK 74820

ENGINE LOG BOOK ENTRY

25 JULY 2012

TORNADO ALLEY TURBO, INC.



N959DR CIRRUS SR22-G3 SN: 2890 ACFT HOBBS: 1352.6 FLIGHT: 1257.0
 TCM IO-550-N SN: UNK ENG TT: 1257.0 ENG TSMOH: N/A

- CHECKED AND ADJUSTED MANIFOLD PRESSURE TO TATI SPEC'S.
 - REMOVED AND REINSTALLED #1 AND #6 FUEL NOZZLE AFTER ADJUSTMENT TO SIZE "D".
- ALL MAINTENANCE PERFORMED IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS.

David R Landreth
 DAVID R LANDRETH A&P 2651512 IA

TORNADO ALLEY TURBO INC.
 300 AIRPORT RD
 ADA, OK 74820

ENGINE LOG BOOK ENTRY

6 AUG 2012

TORNADO ALLEY TURBO, INC.



N959DR CIRRUS SR22-G3 SN: 2890 ACFT HOBBS: 1367.3 FLIGHT: 1271.8
 TCM IO-550-N SN: UNK ENG TT: 1271.8 ENG TSMOH: N/A

- REMOVED AND REPLACED STARTER DRIVE ADAPTER WITH NEWLY OVERHAULED UNIT PART NUMBER 642086A17 SERIAL NUMBER 12-00266. REINSTALLED EXISTING SKY-TEK STARTER.
- ALL MAINTENANCE PERFORMED IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS.

David R Landreth
 DAVID R LANDRETH A&P 2651512 IA



WELLS AIRCRAFT, INC.
 800 AIRPORT ROAD
 MUNICIPAL AIRPORT
 HUTCHINSON, KS 67501-1953
 CRS NT2R043L
 (620)663-1546
 www.wellsac.com

Date: 9-5-2012
 Work Order: S7541
 N959DR S/N 2890
 Hobbs Meter: 1387.4
 Flight Time: 1291.6

ENGINE LOG



Drained engine oil and inspected filter. No defects noted at this time. Serviced engine with 8 quarts of Phillips XC 20w-50 and a CH48108-1 filter. Ground run for leaks and operations is satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying 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/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: *Scott Hobbs*
 Scott Hobbs / CRS Release Authority



N959DR * CIRRUS SR22 * S/N 2890

CONTINENTAL IO-550-N * S/N 691475

HOUR METER/TOTAL TIME 1456.9 * FLT TIME 1361.4

JANUARY 11, 2013

d
IS,

COMPLIED WITH ENGINE ANNUAL/100 HOUR INSPECTION THIS DATE IN ACCORDANCE WITH FAR 43 APPENDIX D CHECKLIST. CHECKED COMPRESSIONS AS FOLLOWS. 1. 77/80. 2. 77/80. 3. 78/80. 4. 78/80. 5. 76/80. 6. 77/80. DRAINED OIL. REMOVED FILTER, CUT AND INSPECTED O.K. INSTALLED NEW FILTER P/N CH48108-1 AND SERVICED SYSTEM WITH 8 QTS OF PHILLIPS 20W50XC OIL. CLEANED AND GAPPED PLUGS. SERVICE AIR FILTER. CLEANED FUEL INJECTORS. REPAIRED LEFT FWD ENGINE BAFFLE. INSTALLED NEW HEAT SHIELDS P/N ETI-G3-20-29, ETI-G2-20-21 AND ETI-G3-20-31. COMPLIED WITH TORNADO ALLEY SI-11-01 EXHAUST SYSTEM INSPECTION. NO DEFECTS NOTED. COMPLIED WITH EXHAUST SYSTEM 500 HOUR V-BAND CLAMP REPLACEMENT. INSTALLED 2 EA NEW CLAMPS P/N 11-1100023. COMPLIED WITH TORNADO ALLEY SI-03 REPLACED LEFT AND RIGHT SUPPORT ROD ASSEMBLIES WITH NEW P/N ETI-G2-600-35 LEFT AND ETI-G2-600-36 RIGHT. REPLACED UPPER TURBO SUPPORT BRACKETS WITH NEW P/N 22-6250005, 2 EA. AD 2012-10-13 NOT APPLICABLE. PART NOT INSTALLED. I CERTIFY I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN ANNUAL/100 HOUR INSPECTION AND FOUND IT TO BE IN AIRWORTHY CONDITION.

Chris Emerson
CHRIS EMERSON
AP33272481A

MAINTENANCE RECORD

Date: May 30, 2013	Page 1 of 1 Pages	Reg. No: N959DR
Aircraft: Cirrus SR22	Serial #: 2890	Hobbs / Flight: 1503.4 / 1407.9
Engine: IO-550-N	Serial #: 691475	Total Time: 1407.9

The below listed items were accomplished in accordance with Cirrus SR22 Maintenance Manual and other approved or acceptable data as applicable.

Work Order 041303540:

- [500] Drained engine oil, removed and inspected oil filter, installed a new Champion CH48108-1 oil filter and serviced engine with 8 quarts SAE 20W-50 Phillips X/C Aviation oil.
- [500] Engine cylinder compression check as follows: # 1 76/80 # 2 77/80 # 3 68/80 # 4 67/80 # 5 75/80 # 6 74/80.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed
Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

Gregory A Scher
Gregory A Scher
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150



Production Report / Acreage Report

18011 College Blvd, Suite 210
 Lincoln, NE 68518
 Phone: (402) 366-2787
 Fax: (402) 366-3038
 Print Date: 03/18/2020

Insured's Name Throsch Farms Partnership	Agency and Agent Name DELTA RISK MANAGEMENT LLC - J DALTON (66495-02) JACK DALTON (8286)	Crop Year 2020	Policy Number 08-987-1040563
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Producers Ag Insurance Group Privacy Notice

The Producers Ag Insurance Group (ProAg Group) is committed to respecting the individual privacy of our policyholders and their significant beneficial interest owners (Customers). We collect non-public personal information about Customers from information we receive from them such as information provided on applications or other forms, which may include name, address and social security numbers and from third parties such as consumer reporting agency. To serve our Customers and to service our business our employees have access to Customers personal information in the course of doing their jobs and we may share or disclose non-public personal information about the Customers to affiliates within the ProAg Group or with non-affiliated third parties with whom we have a contractual relationship such as agencies within the United States Department of Agriculture, with your insurance agent and other insurance companies or with banks where a written permission to transfer such information has been granted by the policyholder. We may also share non-public personal information with affiliates and with non-affiliated third parties as permitted by law. The ProAg Group will not sell or share your personal information with anyone for purposes unrelated to our business functions without our offering to the Customer the opportunity to opt-out or opt-in as required by law.

Anti-Rebating Certification Applicant / Insured Statement

I certify, for the crop year indicated, that I have not directly or indirectly received, accepted, or been paid, offered, promised, or given any benefit, including money, goods, or services for which payment is usually made, rebate, discount, abatement, credit, or reduction of premium, or any other valuable consideration, as an inducement to procure insurance or in exchange for purchasing this insurance policy, after it has been procured. I understand that this prohibition does not include payment of administrative fees, performance based discounts, and any other payment approved by FCIC that are authorized under sections 508(a)(9)(B) and 508(d)(3) of the Federal Crop Insurance Act (Act) (7 U.S.C. §§ 1508(a)(9)(B) and 1508(d)(3)). I understand that a false certification or failure to completely and accurately report any information on this form may subject me, and any person with a substantial beneficial interest in me, to sanctions, including but not limited to, criminal and civil penalties and administrative sanctions in accordance with section 515(h) of the Act (7 U.S.C. § 1515(h)) and all other applicable federal statutes.

Agent Statement

I certify, for the crop year indicated, that I have neither offered nor promised, directly or indirectly, any benefit, including money, goods, or services for which payment is usually made, rebate, discount, credit, reduction of premium, or any other valuable consideration to this person either as an inducement to procure insurance or in exchange for obtaining insurance after it has been procured. I understand that this prohibition does not include payment of administrative fees, performance based discounts, and any other payment approved by FCIC that are authorized under sections 508(a)(9)(B) and 508(d)(3) of the Federal Crop Insurance Act (Act) (7 U.S.C. §§ 1508(a)(9)(B) and 1508(d)(3)). I understand that a false certification or failure to completely and accurately report any violation may subject me, and all agencies / companies I represent, to sanctions, including but not limited, to criminal and civil penalties and administrative sanctions in accordance with section 515(h) of the Act (7 USC § 1515(h)) and all other applicable federal statutes.

USDA Multiple Benefit Certification Statement

I understand that obtaining multiple Federal benefits for the same loss, such as a Noninsured Crop Disaster Assistance Program (NAP) payment(s) and a Federal crop insurance indemnity, is prohibited by law. I certify that I have, or will disclose any other USDA benefit, including any NAP benefit, received for this crop. Failure to disclose the receipt of multiple Federal benefits, or failure to report one of the multiple Federal benefits such as either the NAP benefit or the Federal crop insurance indemnity for the same crop, may result in my being disqualified from receiving Federal crop insurance benefits, as well as being ineligible for various programs administered by the Farm Service Agency for up to five (5) years.

Certification Statement

I certify that to the best of my knowledge and belief all of the information on this form is correct. I also understand that failure to report completely and accurately may result in sanctions under my policy, including but not limited to voidance of the policy, and in criminal or civil penalties (18 U.S.C. § 1006 and § 1014; 7 U.S.C. § 1506; 21 U.S.C. § 3723, § 3730 and any other applicable federal statutes).

I certify that I am responsible for establishing the approved APH yields that are used to calculate the production guarantees contained in this acreage report and that such approved APH yields are correct to the best of my knowledge.

Native Sod Statement

I HAVE or HAVE NOT broken native sod after February 7, 2014. For any native sod acreage broken after December 20, 2018, identify the year it was broken separately for each parcel: _____
 (Only applicable to the following states: Iowa, Minnesota, Montana, Nebraska, North Dakota and South Dakota.)
 I understand that if I till native sod acreage, I will be assessed a reduction in yield guarantee and premium subsidy, these reductions apply in the crop year that my total native sod acreage tilled exceeds 5 acres in the county (cumulative across crops and crop years), and these reduction in benefits may be retroactively applied within a crop year.

Insured's Printed Name Throsch Farms Partnership	Insured's Signature 	Date 3-30-20
Agent's Printed Name JACK DALTON	Code 8286	Agent's Signature
		Date

Record Type Legend:

- A - Harvested Production: acid/commercial storage.
- B - Harvested Production: farm stored/measured by insured.
- C - Harvested Production: periodically sales records.
- D - Harvested Production: automated yield monitoring system.
- E - Harvested Production: farm stored/measured by authorized rep.
- F - Harvested Production: livestock feeding records.
- G - Harvested Production: field harvest records.
- H - Harvested Production: other.
- I - Unharvested and destroyed. (ARPI/STAX only)
- J - Unharvested and put to another use. (ARPI/STAX only)
- K - Unharvested and production appraised by AIP. (ARPI only)
- L - Unreported production. (ARPI/STAX only)
- M - Claim for indemnity.
- N - Appraisal (non-loss)
- O - UIF or third party damage.
- P - Unharvested with harvest incomplete. (ARPI only)
- Z - Zero Planted Acres.

-Acreage Type - Identify whether acreage is:

- A = Insured by New Breaking WA (acreage previously in production)
- B = Insured New breaking under terms of policy (<5% & acreage previously in production)
- C = CRP acreage (automatically insured under terms of policy)
- D = Insured by New breaking WA (acreage never in production)
- E = Insured New breaking under terms of policy (<5% & acreage never in production)
- K = Insured - Unavoidable Uninsured Fire (UIF) or Third Party Damage

Uninsurable Reasons:

- B = Uninsurable new breaking first year no written agreement
- P = Unreported portion of insurable acres within the unit (i.e., under-reported acres)
- R = Unreported insurable unit - entire unit not reported
- S = Uninsurable Acres
- T = Uninsurable due to new breaking and insured cannot substantiate acreage has previously been in prod
- U = Uninsured Acreage
- W = Uninsurable - Insurance waived due to 2nd crop provision



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	→			

Jewell Aviation Inc.

418 Airport Rd.
 P.O. Box 623
 Kennett, MO 63857
 573-888-5846
 www.jewellaviation.com

Make:	Continental
Model:	IO-550N50B
Serial#	691475
Date:	8/27/2013
Engine Time:	1478
SMOH:	000.0
N959DR	

Removed engine for overhaul. Disassembled and Inspected in accordance with Continental Manual M-16. Visually and dimensionally inspected all parts. All steel parts were magnafluxed and all non-ferrous parts were dye penetrant inspected. The crankshaft was sent out for ultrasonic inspection and certified, see tag in engine log. The engine was reassembled using the following new parts I/AW TCM SB97-6B: Main bearings, Rod bearings, Rod Bolts, Rod Nuts, Crankshaft seal, Crankshaft and Camshaft gear bolts, Crankcase Through Bolts, Fuel Pump Drive Coupling, Alternator Face Gear Bolts and Plates, Crankshaft Counterweight Bushings, Rollers, Plates and Snap Rings. Installed Certified Camshaft and Lifters, see tag attached. A/C Drive Hub Assembly was replaced with new. Cylinders were inspected, honed, and were found to be in serviceable limits. The valve seats were ground and the cylinders were assembled with the following new parts: intake and exhaust guides, exhaust valves, valve springs, roto-coils, rocker shafts, pistons, pistons pin assemblies, piston rings, cylinder hold down nuts. No Accessories were overhauled this date at owners request. Reinstalled engine on aircraft and filled with 12 qts Aeroshell SAE50 and installed new Oil Filter. Installed new RHB29E Spark Plugs and test ran engine in accordance with Continental Service Bulletin: M89-7R1 and Overhaul Manual M-16, all systems checked normal. Test flew for 2 hours, all systems checked normal. For information on AD Compliance, see AD Compliance Record listing In Back of Log. Use non detergent Aeroshell oil during break-in period.

David Jewell AP3036572

Continental IO-550-N SN: 691475
 September 10, 2013 SMOH: 24 Tach: 1502

Drained oil and inspected oil filter for metal, none found. Installed new filter and filled engine with 8 qts Aeroshell 100W+, washed down engine, and test ran. No leaks were found.

David Jewell AP3036572

Continental IO-550-N SN: 691475
 March 10, 2014 SMOH: 149.2 Tach: 1627.2

This date replaced right magneto with rebuilt BL-500556-101 Serial# D14BA075R assembly. Drained oil and inspected oil filter for metal, none found. Installed new filter and filled engine with 8 qts Aeroshell 15W50, washed down engine, and test ran. No leaks were found.

David Jewell



Production Report / Acreage Report

Lane, KS 68219
Phone: (855) 366-2787
Fax: (855) 366-3068
Print Date: 03/16/2020

Insured's Name CARLTON THROESCH JR, LLC	Agency and Agent Name DELTA RISK MANAGEMENT LLC - J DALTON (050398-02) JACK DALTON (8288)	Crop Year 2020	Policy Number 05-887-1040562
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Producers Ag Insurance Group Privacy Notice

The Producers Ag Insurance Group (ProAg Group) is committed to respecting the individual privacy of our policyholders and their significant beneficial interest owners (Customers). We collect nonpublic personal information about Customers from information we receive from them such as information provided on applications or other forms, which may include name, address and social security numbers and from third parties such as consumer reporting agency. To serve our Customers and to service our business our employees have access to Customers personal information in the course of doing their jobs and we may share or disclose non-public personal information about the Customers to affiliates within the ProAg Group or with non-affiliated third parties with whom we have a contractual relationship such as agencies within the United States Department of Agriculture, with your insurance agent and other insurance companies or with banks where a written permission to transfer such information has been granted by the policyholder. We may also share non-public personal information with affiliates and with non-affiliated third parties as permitted by law. The ProAg Group will not sell or share your personal information with anyone for purposes unrelated to our business functions without our offering to the Customer the opportunity to 'opt-out' or 'opt-in' as required by law.

Anti-Rebating Certification Applicant / Insured Statement

I certify, for the crop year indicated, that I have not directly or indirectly received, accepted, or been paid, offered, promised, or given any benefit, including money, goods, or services for which payment is usually made, rebate, discount, abatement, credit, or reduction of premium, or any other valuable consideration, as an inducement to procure insurance or in exchange for purchasing this insurance policy after it has been procured. I understand that this prohibition does not include payment of administrative fees, performance based discounts, and any other payment approved by FCIC that are authorized under sections 508(a)(9)(B) and 508(d)(3) of the Federal Crop Insurance Act (Act) (7 U.S.C. §§ 1508(a)(9)(B) and 1508(d)(3)). I understand that a false certification or failure to completely and accurately report any information on this form may subject me, and any person with a substantial beneficial interest in me, to sanctions, including but not limited to, criminal and civil penalties and administrative sanctions in accordance with section 1515(h) of the Act (7 U.S.C. § 1515(h)) and all other applicable federal statutes.

Agent Statement

I certify, for the crop year indicated, that I have neither offered nor promised, directly or indirectly, any benefit, including money, goods, or services for which payment is usually made, rebate, discount, credit, reduction of premium, or any other valuable consideration to this person either as an inducement to procure insurance or in exchange for obtaining insurance after it has been procured. I understand that this prohibition does not include payment of administrative fees, performance based discounts, and any other payment approved by FCIC that are authorized under sections 508(a)(9)(B) and 508(d)(3) of the Federal Crop Insurance Act (Act) (7 U.S.C. §§ 1508(a)(9)(B) and 1508(d)(3)). I understand that a false certification or failure to completely and accurately report any violation may subject me, and all agencies / companies I represent, to sanctions, including but not limited to, criminal and civil penalties and administrative sanctions in accordance with section 1515(h) of the Act (7 USC § 1515(h)) and all other applicable federal statutes.

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I certify that I am responsible for establishing the approved APH yields that are used to calculate the production guarantees contained in this acreage report and that such approved APH yields are correct to the best of my knowledge.

Native Sod Statement

I HAVE or I HAVE NOT broken native sod after February 7, 2014. For any native sod acreage broken after December 20, 2018, identify the year it was broken separately for each parcel: _____
(Only applicable to the following states: Iowa, Minnesota, Montana, Nebraska, North Dakota and South Dakota.)

I understand that if I till native sod acreage, I will be assessed a reduction in yield guarantee and premium subsidy. These reductions apply in the crop year that my total native sod acreage tilled exceeds 5 acres in the county (cumulated across crops and crop years), and these reduction in benefits may be retroactively applied within a crop year.

Insured's Printed Name CARLTON THROESCH JR, LLC	Insured's Signature 	Date 3-30-20
Agent's Printed Name JACK DALTON	Code 8288	Agent's Signature
		Date

Record Type Legend:

- A - Harvested Production: sold/commercial storage.
- B - Harvested Production: farm stored/measured by Insured.
- C - Harvested Production: pick/daily sales records.
- D - Harvested Production: automated yield monitoring system.
- E - Harvested Production: farm stored/measured by authorized rep.
- F - Harvested Production: livestock feeding records.
- G - Harvested Production: field harvest records.
- H - Harvested Production: other.
- I - Unharvested and destroyed. (ARPI/STAX only)
- J - Unharvested and put to another use. (ARPI/STAX only)
- K - Unharvested and production appraised by AIP. (ARPI only)
- L - Unreported production. (ARPI/STAX only)
- M - Claim for indemnity.
- N - Appraisal (non-loss)
- O - LUP or third party damage.
- P - Unharvested with harvest incomplete. (ARPI only)
- Z - Zero Planted Acres.

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- A * Insured by New Breaking WA (acreage previously in production)
- B = Insured New breaking under terms of policy (-5% & acreage previously in production)
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- D = Insured by New breaking WA (acreage never in production)
- E = Insured New breaking under terms of policy (-5% & acreage never in production)
- K = Insured - Unavoidable Uninsured Fire (UIF) or Third Party Damage

Uninsurable Reasons:

- D = Uninsurable new breaking first year no written agreement
- P = Unreported portion of insurable acres within the unit (i.e., under-reported acres)
- R = Unreported insurable unit - entire unit not reported
- S = Uninsurable Acres
- T = Uninsurable due to new breaking and insured cannot substantiate acreage has previously been in prod
- U = Uninsured Acreage
- V = Uninsurable - insurance waived due to 2nd crop provision



CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

State: _____
 and Address:

Continental Motors, Inc. 2039 Broad Street, Mobile, Alabama 36615

FAA/PMA/PQ1269CE

3. Form Tracking Number

317215

5. Work Order/Contract/Invoice Number:

384116

0000137496

6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1	MAGNETO - REBUILT	BL-500556-101	3	See Block 12	See Block 12

12. Remarks:
 Rebuilt to Original PAH's Specifications in accordance with 14 CFR §43.3(j).

Serial/Batch Number(s):

Serial	Description
D14BA075R	MAGNETO - REBU
D14BA113R	MAGNETO - REBU
D14BA110R	MAGNETO - REBU

<p>13a. Certify the items identified above were manufactured in conformity to:</p> <p><input type="checkbox"/> Approved designs and are in condition for safe operation.</p> <p><input type="checkbox"/> Not approved design data specified in Block 12.</p>	<p>14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12</p> <p>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.</p>
<p>13b. Authorized Signature:</p>	<p>14b. Authorized Signature: <i>Thomas H Howard</i></p>
<p>13c. Approval/Authorization No.:</p>	<p>14c. Approval/Certificate No.: PQ1269CE</p>
<p>13d. Name (Typed or Printed):</p>	<p>14d. Name (Typed or Printed): Thomas H. Howard</p>
<p>13e. Date (dd/mm/yy):</p>	<p>14e. Date (dd/mm/yyyy): 15/Feb/2014</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.

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

Jewell Aviation Inc.

418 Airport Rd.
P.O. Box 623
Kennett, MO 63857
573-888-5846
www.jewellaviation.com

Make: TCM
Model: IO550N
Serial#: 691475
Date: 4/23/2014
ACTT: 1649.3
SMOH: 171.3

This date performed an annual inspection on this engine. Performed compression test on all Cylinders: 1. 76/80 2. 72/80 3. 76/80 4. 75/80 5. 77/80 6. 74/80; all cylinders were found to be in acceptable limits. Drained oil and inspected filter, no metal found. Filled engine with 8qts Aeroshell 100W+. I certify that this engine has been inspected in accordance with and Annual Inspection and was determined to be in an airworthy condition.

David Jewell JA 3036572

Jewell Aviation Inc.

418 Airport Rd.
P.O. Box 623
Kennett, MO 63857
573-888-5846
www.jewellaviation.com

Make: TCM
Model: IO550N
Serial#: 691475
Date: 2/6/2015
Flight Time 1896.3
SMOH: 418

This date drained oil and inspected filter, no metal found. Filled engine with 8qts Aeroshell 15W50. Replaced left exhaust stack with new assembly from Tornado Alley, and #4 and #6 EGT Probes. Repaired connection to right wastegate.

David Jewell AP3036572



Jonesboro Aviation LLC. 3001 Earhart Dr. Jonesboro, AR 72401
(870)935-3880, Eric@flyjonesboro.com

Bro

Date: 05/13/2015	Page: 1 of 1	Reg #: N959DR
Aircraft: Cirrus SR22	Serial#: 2890	Hobbs: 2035.1
Engine: IO-550-N(50)	Serial#: 691475	Flight Time: 1939.3 SMOH: 461

Annual/100 Hour Inspection

Annual/100 Hr. Inspection completed on this date IAW FAR Part 43 Appendix D and company checklist. Drained oil. Removed filter, cut and inspected ok. Serviced engine with 7 qts. Aeroshell 15W 50 oil and oil filter CH48108-1. Oil sample was taken for routine analysis. Serviced air filter. Cleaned, gapped and tested all spark plugs. Checked magneto timing to engine. Checked compressions as follows: #1. 60/80 #2. 68/80 #3. 70/80 #4. 76/80 #5. 67/80 #6. 77/80. IAW TAT CAM 22-6460004 Rev. C, installed new V band clamps P/N: 11-1100023 on both turbos, next due at 2389.3 Flight time (450 hrs. TIS. Or after 350 hrs. if clamp is removed or first annual after 350 hrs. whichever occurs first.), installed new Balston pressurized magneto filter P/N: 04-6700015, next due at 2239.3 Flight time (300 hrs. TIS.) or 5/2018. Installed new overhauled Kelley/Hartzell turbo wastegate assy. P/N: 477233-0003 S/N: 49252. Ground run leak check satisfactory. No new or recurring A.D.'s due at this time, refer to A.D. compliance report for complete A.D. list.

I certify this engine has been inspected IAW an Annual/100 hour inspection and was determined to be in an airworthy condition for return to service on this date.

Dustin D. Chudy
Dustin D. Chudy A&P #3418801 I.A.

Date	9/3/2015	N Number	N959DR
Hobbs Time	2087.9	Tach Time	N/A
Total Time	1991.8	SMOH	513.8 FWD

CHANGED OIL AND FILTER ON THIS DATE. TOOK OIL SAMPLE FOR ROUTINE ANALYSIS. SERVICED ENGINE WITH 7 QTS OF AEROSHELL 15W-50 OIL AND CHAMPION CH 48108-1 OIL FILTER. DEGREASED ENGINE, GROUND RUN, OPERATIONAL AND LEAK CHECK SATISFACTORY.

Don Lee Farley A&P 3120278

Date	03/16/2016	N Number	N959DR
Hobbs Time	2136.9	Tach Time	N/A
Total Time	2040.7	SMOH	562.7

REMOVED LEFT MAGNETO P/N S6RSC-25P, SERIAL NUMBER D11GA-011 AND INSTALLED NEW BENDIX LEFT MAGNETO P/N S6RSC-25P, SERIAL NUMBER D09DA-016. TIMED BOTH MAGS TO ENGINE. GROUND RUN LEAK AND OPERATIONAL CHECKED SATISFACTORY.

DW [Signature] *A&P 3717088*

Date	4/12/2016	N Number	N959DR
Hobbs Time	2179.5	Tach Time	2083.1ft
Total Time	2083.6	SMOH	605.4 FWD

CHANGED OIL AND OIL FILTER ON THIS DATE. TOOK OIL SAMPLE FOR ROUTINE ANALYSIS. CUT OPEN OIL FILTER FOR INSPECTION, FOUND SATISFACTORY. SERVICED ENGINE WITH 7 QTS. OF AEROSHELL W15W-50 OIL AND CHAMPION CH48108-1 OIL FILTER. DEGREASED ENGINE. GROUND RUN, OPERATIONAL AND LEAK CHECKED SATISFACTORY.

Don Lee Farley A&P 3120278

RELEASE CERTIFICAT
ARTIFICES APPROVAL TAG
1 Number
145-65-322
Self Station #MMR190K

Model: SR22

S/N: 2890

Reg. No: N989DF

CONTOUR

693 Fitzhugh Blvd.
Smyrna, TN 37167
615.534.4600

Engine

Model: SR22

S/N: 2890

Reg. No: N989DF

CONTOUR

693 Fitzhugh Blvd.
Smyrna, TN 37167
615.534.4600

Engine

Maintenance Accomplished:

-Troubleshoot turbo system not making power at altitude and found non-restricted fitting in oil line hose at oil cooler. Installed restricted fitting (p/n: FS-816), adjusted engine, ref. Toronado Alley Turbo Set-up and adjustment guide.
-Complited with oil & filter change, inspected filter, nothing noted at this time, added 8 qts Phillips 20W50X/C & AA48108-2 filter, ops & leak checks good, ref AMM 12-20.

The components identified above have been inspected and repaired in accordance with the current Federal Aviation Regulations and are approved for return to service with only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order No. JAWM1794.

Maintenance Accomplished:

-Removed MAP controller (p/n: C165004-0501 s/n: N-0H000037) and installed overhauled MAP controller (p/n: C165004-01 s/n: ICR0138), Adjusted MAP pressure, Fuel Flow & oil pressure, ops & leak checks good, ref TAT ICA & AMM 81-20.
-Replaced EGT probes (p/n: 16579-002) in #2, #3, & #4 cylinders, ops checks good, ref AMM 77-20.

The components identified above have been inspected and repaired in accordance with the current Federal Aviation Regulations and are approved for return to service with only with respect to the work performed. Pertinent details of the work performed are repair station under Work Order No. JAWM1734.

Signed: _____
Corporate Flight Management, Inc. Certified Repair Station FJTR920D Form CFM 007

Signed: _____
Corporate Flight Management, Inc. Certified Repair Station FJTR920D Form CFM 007

Jewell Aviation Inc.

418 Airport Rd.
P.O. Box 623
Kennett, MO 63857
573-888-5846
www.jewellaviation.com

Make: TCM
Model: IO550N
Serial#: 691475
Date: 08/13/2019
ACTT: 2476.7
SMOH: 115.7

This date performed an annual inspection on this engine. Performed compression test on all Cylinders: 1)75/80 2)74/80 3)72/80 4)68/80 5)76/80 6)65/80; Drained oil and inspected filter, no metal found. Engine was found to have 95 hours TIS since last oil change. Recommended interval for this engine should be 30 hours TIS. Filled engine with 8qts 15W50 and installed new oil filter. I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.

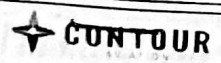
David Jewell TA3036512

SR22
2890
N959DR



693 Fitzhugh Blvd.
Smyrna, TN 37167
615.534.4600

Model: SR22
S/N: 2890
Reg. No: N989DR



693 Fitzhugh Blvd.
Smyrna, TN 37167
615.534.4600

Engine

Engine

Work Accomplished:
hot turbo system not making power at altitude and found non-restricted fitting in oil line hose at oil cooler. Installed restricted
FS-816), adjusted engine, ref. Tornado Alley Turbo Set-up and adjustment guide
d with oil & filter change, inspected filter, nothing noted at this time, added 8 qts Phillips 20W50/C & AA48108-2 filter, ops
cks good, ref AMM 12-20.

Maintenance Accomplished:
-Removed MAP controller (p/n: C165004-0501 s/n: H-0H000037) and installed overhauled MAP controller (p/n: C165004-0
s/n: 1CR0138), Adjusted MAP pressure, Fuel Flow & oil pressure, ops & leak checks good, ref TAT ICA & AMM 81-20.
-Replaced EGT probes (p/n: 16579-002) in #2, #3, & #4 cylinders, ops checks good, ref AMM 77-20.

Items identified above have been inspected and repaired in accordance with the current Federal Aviation Regulations and
approved for return to service with only with respect to the work performed. Pertinent details of the work performed are on file at this
station under Work Order No. JVN1734.

The components identified above have been inspected and repaired in accordance with the current Federal Aviation Regula
tions and approved for return to service with only with respect to the work performed. Pertinent details of the work performed are
on file at this repair station under Work Order No. JVN1734.

Corporate Flight Management, Inc. Certified Repair Station FJTR920D Form CFM 007

Signed _____
Corporate Flight Management, Inc. Certified Repair Station FJTR920D Form CFM 007

Jewell Aviation Inc.

418 Airport Rd.
P.O. Box 623
Kennett, MO 63857
573-888-5846
www.jewellaviation.com

Make: TCM
Model: IO550N
Serial#: 691475
Date: 08/13/2019
ACTT: 2476.7
SMOH: 115.7

This date performed an annual inspection on this engine. Performed compression test
on all Cylinders: 1)75/80 2)74/80 3)72/80 4)68/80 5)76/80 6)65/80; Drained oil and
inspected filter, no metal found. Engine was found to have 95 hours TIS since last oil
change. Recommended interval for this engine should be 30 hours TIS. Filled engine
with 8qts 15W50 and installed new oil filter. I certify that this engine has been inspected
in accordance with an Annual Inspection and was determined to be in an airworthy
condition.

David Jewell TA3036572

ENGINE LOG

10-16-2020



Make: N959DR Cirrus	Eng. S/N: 6975
Hobbs: 2613.1	Model: IO550-N50
	Tach: 2516.8
	TTSMOH:

1. CW ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D - Using TCM/Cirrus AMM as a guide.
2. Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50 Phillips.
3. Checked compressions #1:63 #3:66 #5:69 #2:70 #4:65 #6: 72
4. Adjusted prop governor for max RPM
5. Replaced prop governor control rod end
6. Replaced turbo mount bolts and brackets as required
7. Replaced Challenger induction filter with new
8. Removed #6 riser for repair, reinstalled after repair by Aerospace Welding
9. Fabricated and installed new right turbo long heat shield
10. Replaced TAT turbo clevis pins as required
11. Replaced TAT turbo flexible fluid hoses with new (Airworthiness Limitation)
12. Replaced TAT turbo V-band clamps with new. (Airworthiness Limitation)
13. Replaced TAT turbo magneto pressurization filter. (Airworthiness Limitation)

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

A/P 3343185IA
Signed _____

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

R & D American Aviation LLC. 2751 N.E. Douglas Suite B Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Flight Hobbs	Hobbs	Engine TT	Engine SMOH
05/17/2021	2553.0	2649.3	2553.0	192.0

N959DR Continental IO-550-N (50B) TAT Turbo S/N 619475

Drained oil, serviced engine with 7 qts. of Phillips XC 20W-50 oil. Removed oil filter, cut filter apart ckd for metal none noted. Installed a new oil filter P/N CH48108-1 and safetied. Lubed all exhaust slip joints and waste gates with mouse milk. Ran engine ckd. for leaks none noted.

Richard L. White A&P3162074 *Richard L. White*

R & D American Aviation LLC. 2751 N.E. Douglas Ste. B
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Flight Hobbs	Hobbs	Engine TT	Engine TSN
12/01/2021	2568.4	2664.7	2568.7	207.4

N959DR Continental IO-550-N S/N 691475

No oil change due to time on oil 15.4. Removed spark plugs cleaned, gaped and tested all plugs found ok. Performed comp. ck #1 74/2/80, #2 64/80, #3 62/80, #4 63/80, #5 77/80 and #6 67/80. C/W TAT SB 11-04 (07/14/2010) turbo oil supply inlet screens by inspection found ok next due 12/2022 (Annual). Removed engine fuel pump due to leaking sent pump to Great Planes fuel Metering for overhaul. Reinstall overhauled fuel pump P/N ETI-SR22-2-13 S/N GP5102 with a new drive coupling P/N 653359. C/W TAT SB 12-02 (10/27/2012) engine driven fuel pump mixture control shaft o-ring by inspection no leaks noted next due 2618.4 flight Hobbs (50 hrs.) or Annual. C/W TAT SB 09-01 (04/10/2009) exhaust system inspection by visual inspection no cracks noted next due 2618.4 flight Hobbs (50 hrs.). C/W TAT SB10-02 Rev B (01/20/2010) exhaust tail pipe hangar by inspection no cracks noted next due 2618.4 flight Hobbs (50 hrs.) or Annual. C/W TAT SB 10-01 (01/20/2010) Alt air door hinge by inspection no defects noted next due (Annual). Ckd and adjusted mag timing to 21.5° per TAT Manual. Installed spark plugs with M674 gaskets (12 ea.). Inspected all fuel injectors. Pressure tested exhaust system ckd for leaks none noted. Ckd and lubed all engine controls. Lubricated exhaust system with mouse milk. Removed engine air filter cleaned and re-oiled, reinstalled filter. Installed Reiff engine preheater P/N TXPL6. Ran engine ckd for leaks none noted. Ckd fuel system setup found good. I certify that this engine has been inspected I/A/W an Annual inspection and has been determined to be in an airworthy condition this date 12/01/2021.

Richard L. White A&P3162074I.A. *Richard L. White*

R & D American Aviation LLC. 2751 N.E. Douglas Suite B Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Flight Hobbs	Hobbs	Engine TT	Engine SMOH
06/08/2022	2596.4	2692.8	2596.4	235.4

N959DR Continental IO-550-N (50B) TAT Turbo S/N 619475

Drained oil, serviced engine with 7 qts. of Phillips XC 20W-50 oil. Removed oil filter, cut filter apart ckd for metal none noted. Installed a new oil filter P/N AA48108-2 and saftied. Lubed all exhaust slip joints and waste gates with mouse milk. Ran engine ckd. for leaks none noted.

Richard L. White A&P3162074 *Richard L. White*