

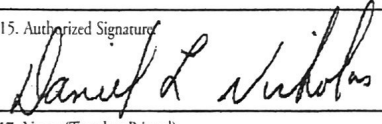
1. Approving National Aviation Authority/Country: FAA/United States	2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form/Tracking Number: SAME AS BLOCK 5
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4. Organization Name and Address: Teledyne Continental Motors P.O. Box 90 Mobile, Alabama 36601	5. Work Order/Contract/Invoice Number: P27085
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6. Item 1	7. Description ALTERNATOR	8. Part Number: 646843A1	9. Eligibility: TSI0520BE
10. Quantity: 1	11. Serial/Batch Number: O07BA095	12. Status/Work: NEW	

13. Remarks:

14. Certifies the items identified above were manufactured in conformity to: <input checked="" 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 type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that work specified 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.
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15. Authorized Signature: 	16. Approval/Authorization No.: DMIR#CE-511010	20. Authorized Signature: XXXXXXXXXXXXXXXXXXXX	21. Approval/Certificate Number: XXXXXXXXXXXX
17. Name (Typed or Printed): Daniel L. Nicholas	18. Date (m/d/y): MAR/21/2007	22. Name (Typed or Printed): XXXXXXXXXXXXXXXXXXXX	23. Date (m/d/y): XXXXXXXXXXXX

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 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.



US Department of Transportation
Federal Aviation Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

OMB No. 2120-0020
Exp. 01/31/2023

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N913MT	Serial No. 1597	
	Make CIRRUS	Model SR22	Series -----
2. Owner	Name (As shown on registration certificate) D AND D LLC		Address (As shown on registration certificate) Address 9772 IRON HORSE RD
			City WOODBURY State MN Zip 55129-7568 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	<u>CIRRUS</u>	(As described in Item 1 above)	<u>1597</u>
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

A. Agency's Name and Address			6. Conformity Statement		
Name <u>Chantilly Air, Inc.</u>			B. Kind of Agency		
Address <u>10500 Wakeman Drive</u>			<input type="checkbox"/> U. S. Certificated Mechanic	Manufacturer	
City <u>Manassas</u> State <u>Virginia</u>			<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.	
Zip <u>20110</u> Country <u>USA</u>			<input checked="" type="checkbox"/> Certificated Repair Station	ZH9R864J	
			<input type="checkbox"/> Certificated Maintenance Organization		

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <i>William G. Bennett</i> William G. Bennett 02/07/2023
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7. Approval for Return to Service					
Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected					
BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport	
	FAA Designee <input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)	
Certificate or Designation No. ZH9R864J		Signature/Date of Authorized Individual <i>Wes Foster</i> WES FOSTER 2/7/2023			



US Department of Transportation
Federal Aviation Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make CIRRUS	Model SR22
	Serial No. 1597	Nationality and Registration Mark N913MT
2. Owner	Name (As shown on registration certificate) Mark M. Ficek	Address (As shown on registration certificate) 12555 W. Andrews Lane Molt, MT 59057

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	_____ (As described in Item 1 above) _____				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address CIRRUS DESIGN CORP. 4514 TAYLOR CIRCLE DULUTH, MN 55811	B. Kind of Agency <input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. CRS#YD5R855Y
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 09-14-05	Signature of Authorized Individual <i>Michael P. McGinn</i>
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7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Flt. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection 09-14-05	Certificate or Designation No. CRS#YD5R855Y	Signature of Authorized Individual <i>Michael P. McGinn</i>
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

AIRCRAFT: CIRRUS
MODEL: SR22
ASN: 1597 N913MT

Installed a "PRECISE FLIGHT INC" Semi-portable Oxygen System in accordance with STC# SA01232SE / PMA No. PQ0093NM. The 22 cubic foot bottle and regulator is mounted @ fuselage station 170 between the aft seats.

This system includes:

- 1) Aircraft Flight Manual Supplement.
- 2) Maintenance Manual and Continued Airworthiness Instructions.
- 3) An Oxygen Bottle to be Hydrostatically tested every 5 years from date of manufacture.

The Precise Flight Drawings for Cirrus Semi-Portable Oxygen System Installation include :

- #003N0000 REV C 7/09/03
- #010N0000 REV E 7/10/03
- #015N0000 REV C 7/15/03
- #020N0000 REV D 7/16/03
- #025N0000 REV A 7/14/03
- #026N0000 REV A 7/16/03
- #027N0000 REV 7/16/03

A new Weight and Balance has been prepared, The Equipment list updated to reflect the installation of this equipment and the Pilots Operating Handbook Supplement DOC. #003NMAN0001/ P/N 11934-S09, Revision dated 6/27/03 added to the P.O.H.

See attached documents:

-Precise Flight INC. Supplemental Type Certificate Number SA01232SE

-----END-----

Additional Sheets Are Attached

must be

N913MT

9-14-05

United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA01232SE

This certificate, issued to

**Precise Flight Inc.
63354 Powell Butte Road
Bend, OR 97701**

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: A00009CH
Make: Cirrus Design Corporation
Model: SR20, SR22

Description of the Type Design Change: Installation of a semi-portable oxygen system manufactured in accordance with Precise Flight Engineering Drawing Lists 003N0000, Revision C, dated July 9, 2003; 010N0000, Revision E, dated July 10, 2003; 015N0000, Revision C, dated July 15, 2003; 020N0000, Revision D, dated July 16, 2003; 025N0000, Revision A, dated July 14, 2003; and 026N0000, Revision A, dated July 16, 2003; 027N0000, Revision -, dated July 16, 2003, or later FAA Approved Revisions. Installation in accordance with Precise Flight Engineering Drawing List 003N0000, Revision C, or later FAA approved revision. Maintained in accordance with the Instructions for Continued Airworthiness located in the Airplane Flight Manual Supplement (AFMS), Section 9, or later FAA approved revision or document.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and FAA approved AFMS, Precise Flight, Inc. Document 003NMAN0001, Revision -, dated June 27, 2003, or later FAA approved revisions, must be maintained as part of the permanent records for the modified aircraft. This STC permits the maximum operating altitude of the SR20 and SR22 to be changed to 17,500 feet as depicted in the type certificate data sheet.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: July 6, 2002
Date of issuance: June 27, 2003

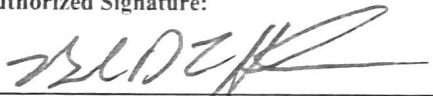
Date reissued:
Date amended: July 18, 2003; November 7, 2003



By direction of the Administrator
Adrian Pa...
(Signature)
Acting Manager, Seattle Aircraft
Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				2. Form Tracking Number: 0508031347BDL	
4. Organization Name and Address: PRECISE FLIGHT, INC., 63354 POWELL BUTTE ROAD, BEND, OR, 97701 PMA No. PQ0093NM						5. Work Order/Contract/Invoice Number: 3350-1	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	Semi Portable Oxygen System	KT 4360-A4	Cirrus SR-20, SR-22	10	BH0022921 BH0022656 BH0024031 BH0024103 BH0024109 BH0024204 BH0024195 BH0023871 BH0023183 BH0024263	NEW	
13. Remarks: Airworthiness: Not for Export US STC# SA01232SE							
14. Certifies the items identified above were manufactured in conformity to: <input checked="" 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 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.: DMIR636016NM		20. Authorized Signature:		21. Approval/Certificate No.:	
17. Name (Typed or Printed): BRAD D LEHUQUET		18. Date (m/d/y): 08/03/05		22. Name (Typed or Printed):		23. Date (m/d/y):	
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 ensures 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.							

CUSTOMER WORK ORDER REPORT

Affordable Avionics Inc.

WO # 1494 Task 1 AV pg 1

FAA certified Repair Station # 8AAR592Y

Cust Code: ONMA **Phone:** 951-785-4413

Maintenance One Aircraft Maintenance
 6779 #C Airport Drive
 Riverside, CA 92504 USA

W00001494001

Item			
Part #			
Model			
Serial #			
Mfgr.			
Discrep.	91.411 & 91.413 Inspection		

A/C Tail #	N913MT	Hrs	1092.00
A/C Make	CIRRUS DESIGN CORP		
A/C Model	SR22	Ser#	1597
Job Status	FINISHED		
Job type	STANDARD		
Open Date	Mar-26-2014 Wednesday		
Promised			
Started	Mar-26-2014 Wednesday		
Finished	Mar-26-2014 Wednesday		
Printed	Mar-26-2014 Wednesday 15:57		

Discrepancy

FAR 91.411 and 91.413 inspection
 Task completed at Riverside

Preliminary Inspection

Complied with

Hidden Damage Inspection

N/A

Corrective Action

The Altimeter(s), static system, Transponder(S) and encoder were inspected upto 20,000 Ft. and were found to comply with FAR 91.411 and 91.413 and Appendix E and F of FAR 43.

Test Equipment used DPS 350 S.N. 434 Date of CAL 01/15/2014

ATC 601-2 S.N. 6616 Date of Cal 01/26/2014

Altimeter # 1 Avidyne PFD

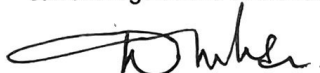
Altimeter # 2 United

Transponder P.N. GTX 327 S.N. 83721194

----- END TEXT -----

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# 8AAR592Y

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 is approved for return to service.



Inspector / Authorized Signature

3/26/2014

Date

CRS# 8AAR592Y