

United States of America
 Department of Transportation Federal Aviation Administration
Supplemental Type Certificate

Number SA01708SE

This certificate, issued to:

**Precise Flight, Inc.
 63354 Powell Butte Road
 Bend, OR 97760**

certifies that the change in the type design for the following product with the limitations and conditions therefore 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: SR22, SR22T

Description of the Type Design Change: Fabrication of the fixed oxygen system in accordance with Precise Flight Engineering Drawing Lists:

102N0000	Revision F	100N0000	Revision AH	051A0000	Revision B
027N0000	Revision E	026N0000	Revision E	020N0000	Revision G
010N0000	Revision H	016N0000	Revision C	012N0000	Revision IR
011N0000	Revision A	010A0000	Revision IR	009N0000	Revision C

or later FAA-approved revisions. Installation in accordance with Precise Flight Engineering Drawing List 102N0000, Revision F, or later FAA-approved revision. Maintained in accordance with the Instructions for Continued Airworthiness (ICA) Precise Flight Document 102NMAN0003, Revision E, dated February 23, 2010, or later FAA-approved revision or document.

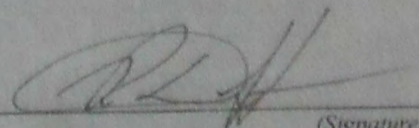
Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined that the relationship between this 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. (See Continuation Sheet on Page 3)

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: August 01, 2006 *Date reissued:*
Date of issuance: October 04, 2006 *Date amended:* October 12, 2007, May 30, 2008;
 April 13, 2010



By direction of the Administrator



(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.

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number SA01708SE

Precise Flight, Inc.

Issued: October 04, 2006

Amended: October 12, 2007; May 30, 2008; April 13 2010

Limitations and Conditions continued:

A copy of this certificate, and the FAA-approved Airplane Flight Manual Supplement (AFMS), Precise Flight Document 102NMAN0001, Revision D, dated March 12, 2010, or later approved revision, must be maintained as part of the permanent records for the modified aircraft. This oxygen system installation is qualified to operate up to 25,000 ft mean sea level (MSL) but, this installation does not change the maximum operating altitude of the airplane on which it is installed.

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.

- END -

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.



Document Number: 102NMAN0003

Revision Number: G

Aircraft Serial Number: 1908

63354 POWELL BUTTE ROAD
BEND, OR 97701, USA
800- 547-2558
www.precsieflight.com

Instructions for Continued Airworthiness Cirrus SR22/SR22T Built-In Oxygen System

STC Number SA01708SE

NOTICE

The Airworthiness Limitations Section (Section 2.6) is FAA Approved and specifies maintenance required under Sections 43.16 and 91.403 of the Federal Aviation Regulations, unless an alternative program has been FAA Approved.

These documents must be kept with the aircraft records.

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF THE PRECISE FLIGHT, INC. (PFI) COMPANY, AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE, OR SELL ANYTHING IT MAY CONTAIN OR DESCRIBE IN ANY WAY. REPRODUCTION, DISCLOSURE, OR USE WITHOUT SPECIFIC PRIOR WRITTEN CONSENT OF PFI IS STRICTLY PROHIBITED.

N234PY

Cirrus SR22T S/N 1908

Life Limited Parts

Part Name	P/N	S/N	Expires
CAPS Rocket Motor	29500-006	1839	04/2029
CAPS Parachute	29696-004	1281-LW	03/2029
CAPS Line Cutters	26707-002	3834/3712	12/2024
ELT Battery	452-6504-1	N/A	05/2025
EMA Controller, AAIR	20902-001	A01FEB19-15	02/2026
O2 Bottle Assembly	102N0100-1	MFG Date:12/2018	12/2033
CO Detector	24660-002	100207	03/2026
Pilot Seat Inflator	20902-005	27182077144	02/2029
Copilot Seat Inflator	20902-005	27182077061	02/2029

Maintenance Time Limits

Part Name	P/N	S/N	Next Due
Battery 2	24947-001	N/A	H:1320.2 or 3/2024 Whichever occurs first
Ice Protection Filter	21986-203 (O-Ring 21986-206)	N/A	H: 1320.2 or 3/2024 Whichever occurs first
Induction Air Filter	27166-001 (Qty 2)	N/A	H: 1320.2 or 3/2025 Whichever occurs first
Battery 1	53030-001 (RG24-11M)	41210413	H:2620.2 or 3/2025 Whichever occurs first
Brake O-Rings	31392-107 (Qty 4)	N/A	4/2024

Scheduled Inspections

Inspection	Date/Time Completed	Next Due
Annual	3/29/2022	3/31/2023
100HR	12/5/22	H:1035.7 F:834.7
50HR Oil change	N/A	H:985.7 F:784.7
FAR 91.207 ELT Check	3/29/22	3/31/2023
FAR 91.411/.413 Pitot/Static Check	3/29/22	3/31/2024
O2 Bottle Hydro Test	N/A	12/2023

As of 12/5/22 Hobbs:935.7 Flight:734.7 Prepared by CRS 2GYR135N

Delivered Weight Data & Equipment List

Model SR22T
Serial Number: 1908
Registration Number: N234PY
Basic Empty Weight: 2483 lb
Total Moment/1000: 346.970
Center of Gravity: F.S.139.8

The following pages list required, standard, and optional equipment, as well as gives the weight and arm of each listed item. This listing represents the airplane and all options available at the time of delivery and does not include any equipment installed after delivery.

Note:

Not all optional equipment in this listing was installed in the above serial number airplane. Equipment listed as optional but not installed in the airplane is indicated by a hyphen (-) in the quantity column for that piece of equipment.

ATA - Item:

Each item in the listing is provided a unique number. The first two digits of the number represent the ATA or GAMA Chapter reference number. These numbers are used industry wide and in the Cirrus Design SR22T Maintenance Documentation to locate items in the Maintenance Manuals and or Parts Catalogs. The two digits following the hyphen are sequence numbers for each item in that chapter.

Description:

This is the component, assembly, or installation name.

Sym:

Items in this listing are coded by a symbol indicating the status of the item. These codes are:

C Required item for FAA Certification.

S Standard equipment. Most standard equipment is applicable to all airplanes. Some equipment may be replaced by optional equipment.

O Optional equipment. Optional equipment may be installed in addition to or to replace standard equipment.

Qty:

The quantity of the listed item in the airplane. A hyphen (-) in this column indicates that the equipment was not installed

Part Number

This is the Cirrus Design Part Number for the component, assembly, or installation

Unit Wt

The weight, in pounds, of one each of the listed item.

Arm

The arm, in inches, of the listed item.

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
21	Air Conditioning					
21-01	Blower Fan Only	O	-	20970-xxx	7.3	133.0
21-02	Compressor Assembly	O	1	21119-xxx	15.0	93.1
21-03	Condenser Assembly	O	1	21209-xxx	17.0	132.8
21-04	Evaporator Assembly	O	1	21114-xxx	17.5	199.5
22	AutoFlight					
22-01	Garmin Autopilot Controller, GMC 707	S	1	30528-xxx	0.6	126.5
22-02	Altitude Transducer	S	1	12722-xxx	0.2	112.4
23	Communication					
23-01	GMA350/C Audio Panel	O	1	29396-xxx	1.6	125.8
24	Electrical					
24-01	Convenience System Controller	O	1	36517-xxx	0.7	179.2
25	Equipment & Furnishings					
25-01	Fwd Seat & Restraint Inst. (Leather: add 0.4 lb each)	C	2	31981-xxx	27.0	149.3
25-02	Rear Seat Installation (Leather: add 0.4 lb each)	C	-	29492-xxx	21.8	180.0
25-03	Rear Seat Restraint	C	-	12491-xxx	2.3	180.0
25-04	Rear bench seat Installation (Leather: add 0.8 lb)	C	1	31986, 31985, 31983	26.9	183.0
25-05	Rear Seat Restraint 3 point - 2 seat belt	C	-	29405-xxx	3.3	200.0
25-06	Rear Seat Restraint 3 point - 3 seat belt	C	1	29405-xxx	5.1	200.0
26	Fire Protection					
26-01	Portable Fire Extinguisher	C	1	12533-xxx	2.5	118.4
27	Flight Controls					
27-01	Yaw Servo Installation	O	1	29680-xxx	5.4	236.0
33	Lights					
33-01	Landing Light Installation	S	1	18983-xxx	1.9	80.0
34	Navigation & Pitot Static					
34-01	Com 1 Antenna	C	1	12740-xxx	0.5	178.5
34-02	Com 2 Antenna	S	1	12741-xxx	0.5	204.6
34-03	Garmin 12" Display	O	1	36739-xxx	5.8	118.5
34-04	Garmin 12" Display	C	1	36739-xxx	5.8	117.0
34-05	Garmin 10" Display	O	-	36739-xxx	4.5	118.5
34-06	Garmin 10" Display	C	-	36739-xxx	4.5	117.0
34-07	Altimeter	C	-	12102-xxx	1.1	116.1
34-08	Airspeed Indicator	C	-	13568-xxx	0.7	116.9
34-09	Magnetic Compass	C	1	12451-xxx	0.3	132.7
34-10	Attitude Gyro	C	-	24668-xxx	2.2	114.5
34-11	Marker Beacon Antenna	S	1	12743-xxx	0.6	200.0
34-12	GPS 1 Antenna	C	1	12744-xxx	0.4	136.2
34-13	GPS 2 Antenna/Iridium Combo Antenna	S	1	29301-xxx	0.4	200.0
34-14	Transponder Antenna	S	1	12739-xxx	0.1	105.0
34-15	GPS/NAV/COM#1 GIA63W	S	1	24662-xxx	6.3	110.5
34-16	GPS/NAV/COM#2 GIA63W	S	1	24662-xxx	6.3	111.0
34-17	ADAHRS GSU 75	O	2	36741-xxx	1.4	112.5
34-18	CO Detector	O	1	24660-xxx	0.2	104.0
34-19	FMS Keyboard, GCU 479 Controller	S	1	36749-xxx	0.6	124.0
34-20	DME (KNA61)	O	-	24658-xxx	2.8	122.0
34-21	DME Antenna (KA61)	O	-	24658-xxx	0.2	114.5
34-22	MD302 (Standby Attitude Module)	C	1	30499-xxx	1.5	116.1
34-23	Engine Monitoring					
34-23	Rack/Unit Installation, GEA 71	S	1	24666-xxx	2.2	111.5
34-24	Traffic Option					
34-24	Garmin Traffic GTS 800	O	1	26659-xxx	9.9	139.0
34-25	Antenna, Monopole	O	1	26656-xxx	0.2	180.0
34-26	Antenna, Directional, GA 58	O	1	26659-xxx	0.8	157.2
34-27	Weather Option					
34-27	Stormscope Processor	O	-	12745-xxx	1.7	199.0
34-28	Stormscope Antenna	O	-	12745-xxx	0.9	191.0

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
34-29	GSR 56 Iridium Satellite Receiver Transponder Option	O	1	29307-xxx	4.2	231.1
34-30	GTX 345 Mode S UAT Transponder	O	1	36745-xxx	3.1	230.0
34-31	GTX 335 Mode S w/ES Transponder XM Satellite Options	O	-	36745-xxx	2.8	230.0
34-32	XM WX/Radio Receiver	O	1	24657-xxx	2.7	230.3
35	Oxygen					
35-01	Bottle Assembly - Empty	O	1	100N0020-4	19.9	262.3
35-02	Full				23.8	265.3
61	Propeller					
61-01	Light Weight Hub Propeller Installation	O	1	13599-xxx	63.2	48.0
61-02	Propeller Governor	C	1	21285-xxx	3.2	61.7
72	Engine					
72-01	Tanis Engine Pre-heater	O	1	25028-xxx	2.1	61.0
95	Special Equipment					
95-01	Enhanced Vision System	O	1	24737-xxx	1.2	161.0