


# MAJOR ALTERATIONS

DESCRIPTION OF ALTERATION

DATE


15 May 2022

STC SA01708SE (Fixed Oxygen System) has been installed on this aircraft. Approval for installation has been granted by the STC holder via a Licensing Agreement and the FAA via the Production Certificate / Production Limitation Record. FAA Form 337 not required for this installation.

CDC  on 30/MAY/2022  
Cirrus Design Corporation Duluth, MN USA  
**PRODUCTION CERTIFICATE NO. 338CE**

19 MAY 2022

STC SA04440CH (4 Blade Propeller) has been installed on this aircraft. Approval for installation has been granted by the STC holder via a Licensing Agreement and the FAA via the Production Certificate / Production Limitation Record. FAA Form 337 not required for this installation.


CDC  on 14/MAY/2022  
Cirrus Design Corporation Duluth, MN USA  
**PRODUCTION CERTIFICATE NO. 338CE**

# LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
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Life Limited Parts SR22T							
PART NAME	PART NUMBER					EXPIRES	
CAPS Rocket Motor	29500-006			S/N: 2872		04/2032	
CAPS Parachute	29696-004			S/N: 1975LW		03/2032	
CAPS Reefing Line Cutters	26707-002			S/N: 7433 S/N: 7462		01/2028	
ELT Battery Pack	452-6504-1					04/2028	
EMA Controller, AAIR	20902-001			S/N: A03FEB22-23		02/2029	
Oxygen Bottle Assembly	102N0100-1			MFG Date: 02/2022		02/2037	
CO Detector	24660-002			S/N: 113269		03/2029	
Pilot Seat Inflator Assembly	20902-005			S/N: Z7DG203D0723		12/2031	
Co-Pilot Seat Inflator Assembly	20902-005			S/N: Z7EG189D0103		12/2031	

# AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
		25 APR 22 18 HRS.	<p>All Airworthiness Directives have been reviewed through bi-weekly issue <u>2022-11</u>.</p> <p>At this time, there are no Airworthiness Directives which are applicable to this aircraft, aircraft engine, propeller or its accessories.</p>			 <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <span style="font-size: 8px;">MFG 745</span> </div>
		25 MAR 22 1.8 HRS.		<p>All mandatory Service Bulletins that apply to Cirrus Design Corporation Model SR <u>22T</u> S/N <u>8656</u> have been verified to be incorporated and/or no applicable at this time.</p> <p>CDC <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">MFG 745</span> on <u>25 MAR, 22</u>.                      Cirrus Design Corporation Duluth, MN USA                      PC# <u>338CE</u></p>		

# ALTIMETER & STATIC SYSTEM CHECKS

## F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
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I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been performed and found within the limits of FAR 43 appendices E&F and AC 43-6D.

TESTED TO 25,000 FEET ON 31/MAR/2022

Transponder: Mfg Garmin P/N 36745-002

Model: GTX-345 S/N 3EH042491

ADAHRS: Model GSU 75 P/N 36741-001

S/N 3KY007959

ADAHRS: Model GSU 75 P/N 36741-001

S/N 3KY007954

Altimeter: Mfg MD302 P/N 30499-006

S/N B22-10647

CDC Quality Assurance  on 31/MAR/2022

Cirrus Design Corporation Duluth, MN USA

PC# 338CE



**INSPECTION RECORD  
F.A.R. 43.11-91.409**

DATE

AIRCRAFT TIME  
IN SERVICE

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

22 MAY 22

1.8



**CIRRUS**  
A I R C R A F T

Production Flight Test accomplished in accordance with Cirrus  
Procedure #90504.

Name: Dan Ryan

Title: Production Flight Test Pilot

Signature:

Date:

22 MAY 22

25-May-2023

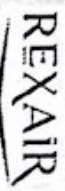
1.8

I find that the aircraft meets the requirements for the  
certification requested and have issued an U.S. Standard  
Airworthiness Certificate dated 25 / May / 2022.  
The next inspection is due 31 / May / 2023

Troy E Nickila

Troy E. Nickila  
ODA-834662-CE

MAKE: Cirrus  
MODEL: SR22T  
S/N: 8656  
REG. NO: N19RW  
WORK ORDER:  
1735-07-2022



**Rex Air Maintenance Center**  
304 Citation Point  
Naples, FL 34104  
Phone: 239-331-2569

DATE: 8/5/2022  
A/C TSN: 22.6  
TACH: 22.6

**Airframe Entries**

Performed 25hr oil change/inspection IAW Cirrus SR22T AMM and Continental M-O and M-18 Manual. Serviced oil w/ 7QTS of Phillips 20W-50. Oil filter removed, opened and inspected. Installed new oil filter AA48108-2. Retrieved oil sample for analysis. Inspected gascolator.

This aircraft is returned to service IAW Cirrus AMM 5-20. All work and inspections have been performed IAW applicable Maintenance Manuals and FAR's, and is found to be in Airworthy condition at this time. Pertinent details of service are on file at this facility under Work Order No. 1735-07-2022, Dated 8/5/2022.

DATE: 8/5/2022

SIGNED

Clint Cardullo, A&P: 4542696

Work Order: 1735-07-2022

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8.1 16

ENGINE MODEL:  
TSIO55K2B  
ENGINE S/N: 1043283  
REG. NO: N19RW  
WORK ORDER:  
1735-07-2022



**Rex Air Maintenance Center**

304 Citation Point  
Naples, FL 34104  
Phone: 239-331-2569

DATE: 8/5/2022  
A/C TSN: 22.6  
ENG TT: 22.6  
TSMOH:  
TACH: 22.6

**Engine Entries**

Performed 25hr oil change/inspection IAW Cirrus SR22T AMM and Continental M-0 and M-18 Manual. Serviced oil w/ 7QTS of Phillips 20W-50. Oil filter removed, opened and inspected. Installed new oil filter AA48108-2. Retrieved oil sample for analysis. Inspected gascolator.... Performed Continuous Flow Fuel Injection Systems Adjustment IAW TCM SID 97. Adjusted prop governor for proper RPM setting. Performed engine inspection post run-up and it is found to be in airworthy condition at this time, and is approved for return to service

This aircraft is returned to service IAW Cirrus AMM 5-20. All work and inspections have been performed IAW applicable Maintenance Manuals and FAR's, and is found to be in Airworthy condition at this time. Pertinent details of service are on file at this facility under Work Order No. 1735-07-2022, Dated 8/5/2022.

DATE: 8/5/2022

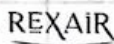
SIGNED:

Clint Cardullo, R&P: 4542696

Work Order: 1735-07-2022

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ENGINE MODEL:  
TSIO55K2B  
ENGINE S/N: 1043283  
REG. NO: N19RW  
WORK ORDER:  
1849-10-2022



**Rex Air Maintenance Center**

304 Citation Point  
Naples, FL 34104  
Phone: 239-331-2569

DATE: 10/12/2022  
A/C TSN: 38.9  
ENG TT: 38.9  
TSMOH:  
TACH: 38.9

**Engine Entries**

Performed Continuous Flow Fuel Injection Systems Adjustment IAW Cirrus AMM 73-20. Adjusted prop governor for proper RPM setting. Performed engine inspection post run-up and it is found to be in airworthy condition at this time, and is approved for return to service. Power/104%; RPM/2480; Man Hg/36.3; FF/37.2.

All work and inspections have been performed IAW applicable Maintenance Manuals and FAR's, and is found to be in Airworthy condition at this time. Pertinent details of service are on file at this facility under Work Order No. 1849-10-2022. Dated 10/12/2022.

DATE: 10/12/2022

SIGNED:

Travis Saladino, IA: 3146414

Work Order: 1849-10-2022

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

11-18-2022 N19RW CIRRUS SR22T ASN 8656 HM 50.5 FLT 39.0 ENG 39.2

REMOVE ENGINE COWL. REMOVE ACFT MAIN BATTERY TO GAIN ACCESS TO HALL EFFECT SENSOR HARNESS. REMOVE RIGHT MAGNETO AND REPLACE TACHOMETER HALL EFFECT SENSOR 801223. INSTALL MAGNETO WITH NEW GASKETS 649954 AND 10-357520. TIMED MAGNETO TO ENGINE. ROUTED AND CONNECTED TACH SENSOR HARNESS. INSTALL ACFT MAIN BATTERY. REMOVED STEEL CAP AT METERING PORT AND INSTALLED FUEL FLOW PRESSURE GAGES. PERFORMED ENGINE RUNS. ADJUST PROPELLER GOVERNOR TO 2500 RPM. ADJUSTED UNMETERED FUEL PRESSURES BOTH LOW END AND HIGH END TO SPECIFICATIONS IAW SR22T AMM CH 73-20. ADJUST MANIFOLD PRESSURE TO SPECIFICATION IAW CAT M-O. SET IDLE AND IDLE MIXTURE RISE. REMOVED FUEL FLOW PRESSURE GAGES AND INSTALLED STEEL CAP AT METERING PORT. TORQUE CAP TO 140 IN LB. INSTALLED ENGINE COWLING. OPERATIONAL AND LEAK CHECK SATISFACTORY. MAINTENANCE CARRIED OUT IAW CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

LANCE MILKO  
2988662 AP