

Aircraft Record General Informat	ion		
Manufacturer Cirrus Serial 1287	Mo	delSR - JO gistration Number	N%7DP
Date of Manufacture			The state of the s
Engine(s) currently installed: Manufacturer Continude(Model エc	360 Seria	al
Manufacturer	Model	Seria	al
Propeller(s) currently installed:			
Manufacturer			
HUB Model	Serial	Seri	ial
Blade Model	Serial	Serial	Serial
Blade Model	Serial	Serial	Serial
	Market Co.		

AirQuest Aviation 485 Airport Road Butler, PA 16002



Date: 8/09/2022; Aircraft: N967DP; Type: SR20; S/N: 1287 Airframe Log

1:) Removed fuel strainer. Cleaned and reinstalled with new O-rings P/N: NAS1523-8B and P/N: MS29513-137 as per Cirrus SR20 Maintenance manual chapter 28, no discrepancies found. Performed satisfactory ground run.

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

Hobbs time:852.1

Authorized Signature // Nathan Courtney, AirQuest Aviation CRS # Q3ER924K



485 Airport Road Butler, PA 16002



Date: 3/09/2023; Aircraft: N967DP; Type: SR20; S/N: 1287 Airframe Log

- 1:) Complied with 100 hour/annual inspection of airframe in accordance with Cirrus SR20 Airplane Maintenance Manual, 5-20.
- 2j:) Complied with research of airworthiness directives for aircraft.
- 3:) Complied with inspection of ELT and battery in accordance with F.A.R 91.207(d). Battery next due: December 2023.
- 4:) Lubricated throttle control column, ops check good, IAW Cirrus SR20 Airplane Maintenance Manual, 5-20 and 12-20.
- 5:) Removed pilot and co-pilot door rescue placard and installed new rescue placard IAW Cirrus SR20 Airplane Maintenance Manual, 11-20.
- 6:) Re-sealed windscreen IAW Cirrus SR20 Airplane Maintenance Manual, 56-10.
- 7:) Removed L/H and R/H fuel cap o-rings due to deterioration and installed new o-rings from fuel cap overhaul kit, P/N: 300, IAW Cirrus SR20 Airplane Maintenance Manual, 28-10.
- 8:) Removed illegible "NO PUSH" placards on rudder and elevator and replaced with new placards IAW Cirrus SR20 Airplane Maintenance Manual, 11-20.
- 9:) C/W AD 2008-11-18 Amendment 39-15541. Effective date 7/7/2008. Exhaust inspection. No defects noted this day and time. Compliance repetitively at intervals not to exceed every 100 hours TIS, next due at 1082.9 hours.
- 10:) Complied with AD 2006-21-03, Amendment 39-14787, effective date 11/17/2006, brake inspection and installed new temperature indication stickers, P/N: 51698-003, to L/H and R/H brake calipers. This action further terminates this AD.
- 11:) Removed old #2 batteries and replaced with new, P/N: 50979-001, ops check good, IAW Cirrus SR20 Airplane Maintenance Manual. 24-30. Replacement next due: 03/2025
- 12:) Removed old AA battery in the OAT/Clock and replaced with new. Ops check good, IAW Cirrus SR20 Airplane Maintenance Manual, 34-10.

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

ACTT: 983.2 Hobbs time: 983.2

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FAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
1				
	AirQuest A 485 Airport Road Butler, PA 1600	d		$\Delta \Omega$
				AIRQUEST
	Date: 4/24/2023; Ashop Order #: 23-4	Aircraft: N96 1411, Close	37DP; Type: S d: 5/26/2023	R20; S/N: 1287
	maintenance manu The Aircraft and/or	ual chapter s Componen in to Service	56. t Identified abo	dishield. Resealed lower right windshield. PN# CS 3204 B1/2. IAW Cirrus SR20 ove was Inspected and/or Repaired in Accordance with Current FAA Regulations and is tails of the Inspection / or Repair are on File at this Repair Station. Nathan Courtney, AirQuest Aviation CRS # Q3ER924K
		W.C. Sir.		

485 Airport Road Butler, PA 16002



Date: 5/17/2023; Aircraft: N967DP; Type: SR20; S/N: 1287 Airframe Log:

1. Removed faulty manifold pressure sensor and replaced with new manifold pressure sensor P/N: 12635-003 in reference to Cirrus SR20 maintenance manual chapter 77. Performed satisfactory operational check.

2. Removed bad #5 CHT probe and replaced with new CHT probe P/N: 14880-001 in reference to Cirrus SR20 maintenance manual chapter 77. Preformed satisfactory operational check.

3. Removed erratic #6 EGT probe and replaced with new EGT probe P/N: 14554-001 and removed erratic #6 CHT probe and replaced with new probe P/N: 14880-001 in reference to Cirrus SR22 maintenance manual chapter 77. Performed satisfactory operational check.

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

Hobbs time: 1078.1 Flight time: N/A

Authorized Signature

Nathan Courtney, AirQuest Aviation CRS # Q3ER924K

AirQuest Aviation

485 Airport Road Butler, PA 16002 AIRQUEST AVIATION

Date: 5/17/2023; Aircraft: N967DP; Type: SR20; S/N: 1287

Avionics Log:

1. Removed Garmin GNC 420 S/N: 97202260 and installed a serviceable Garmin GNS430; P/N 011-00280-10, S/N:97121077. Aircraft is wired from the factory to interface to a Garmin GNS 430. Passed ground ops check. Weight and balance is negligible. All work was done IAW Cirrus SR20 manuals P/N: 12129-001 rev C7. chapter 34, P/N: 12137-001 Rev B9 chapter 34, and Garmin manual P/N: 190 -00140-02 rev U.

2. Installed overhauled compass P/N: C-2300-L4 S/N: 3983 IAW Cirrus maintenance manual P/N: 12137-001 rev B9 chapter 34-20. Perform operational test / magnetic compass calibration IAW Cirrus maintenance manual P/N: 12137-001 rev B9 chapter 34-20 (3.B.5)

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

Hobbs time: 1078.1 Flight time: N/A

Authorized Signature

Brian Thoma, AirQuest Aviation CRS # Q3ER924K



Date: 1/26/2024; Aircraft: N967DP; Type: SR20; S/N: 1287

Shop Order #: 23-4790 Shop Order 23-4790

Airframe Log:

- 1. Complied with 10 year CAPS overhaul/ replacement and CAPS Rocket Motor Assembly Replacement per SB 2X-95-17R3, removed rocket motor assembly p/n 25363-001, s/n 1053, and base igniter p/n 26602-001, s/n 1053, and parachute p/n 14242-101, s/n 00246-R1. Installed inspected parachute p/n 25337-006, s/n 0302 with pack date of 01/12/2023, new rocket motor assembly(kit p/n 29500-405); p/n 29554-003, s/n 5344, mfg. date of 2/7/2023, igniter p/n TRM-350-018 Lot # HYT22G11189-F5, Aft Grain p/n 29501-002, s/n 5344, FWD Grain p/n 29501-001 with s/n 5344, RR 805257, using retrofit kit p/n 70269-001 and kit p/n 70268-001 Also complied with SB SB2X-95-24R2 CAPS Rocket Shelf Ground wire with kit p/n 70572-001. Work performed in accordance with Cirrus SB SB2X-95-17R3, SB2X-95-24R2 and Cirrus SR20 CAPS Component Maintenance Manual Rev. F, CH 95-01-01. Prior to accomplishing above work slight damage was observed to left fuselage strap at three point shackle. Cirrus Technical Support has approved this strap to remain in service per written communication dated 12/11/2023.
- 2. Painted and Replaced nose gear upper fairing (new) PN# 15563-002, IAW Cirrus SR20 maintenance manual chapter 32.
- 3. Removed old R/H door seal and replaced with new door seal P/N: 52010-008U in reference to Cirrus SR20 maintenance manual chapter 52.
- 4. Removed alternator #1 with bad mounting attachment P/N: ES-4024LP, S/N: H-S081904 and replaced with overhauled alternator P/N: ES-402LP, S/N: A041503. All work performed in reference to Cirrus SR20 maintenance manual chapter 24. Performed satisfactory ops check.
- 5. Replaced Right brake puck o'ring with (new) PN# MS28775-222. Bled brakes and Leak check good, IAW Cirrus SR20 maintenance manual chapter 32.
- 6. Found wire from #3 CHT probe frayed. Repaired wire and installed new connector, PN# AP660232, IAW Cirrus SR20 maintenance manual chapter 77. Ground run good.
- 7. Installed new Duracell Batteries. Expiration Date March 2033. Ops check ok. Installed ELT in holder and secured. Word done as per FAH 91.207 (d), Cirrus Aircraft Manual chapters 5 and ACK Technologies, Module E-01.

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

Hobbs time: 1229.8

Authorized Signature

Nathan Courtney, AirQuest Aviation CRS # Q3ER924K

485 Airport Road Butler, PA 16002



Date: 2/12/2024; Aircraft: N967DP; Type: SR20; S/N: 1287

Shop Order #: 23-4790 Airframe/Avionics

1:) Removed HSI PN 52D189 SN 362A. Installed overhauled HSI PN 52D189 SN 991A (ref. Castleberry WO W20879) IAW SR20 MM 34-20. Ground operational check complete.

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

Hobbs time: 1229.8

Authorized Signature

Nathan Courtney, AirQuest Aviation CRS # Q3ER924K

Date: 5/10/2024; Aircraft: N967DP; Type: SR20; S/N: 1287

Shop Order #: 24-5046

Airframe Log

- 1:) Complied with 100 hour/annual inspection of airframe IAW Cirrus SR-20 AMM 05-20.
- 2:) Inspected gascolator IAW Cirrus SR-20 AMM 28-20, installed new gascolator o-ring PN: MS29513137 and slat-o-seal PN: NAS1523-8B, ran engine, no leaks or defects noted
- 3:) Complied with research of airworthiness directives for aircraft
- 4:) Complied with inspection of ELT and battery in accordance with F.A.R 91.207(d). Battery next due: MAR 2029.
- 5:) Complied with AD 2008-11-18 Amendment 39-15541 effective date 7/7/2008 exhaust inspection.
- 6:) Removed old adhesive tape from LH and RH belly exhaust shields, cleaned and prepped surfaces. Applied 1 FT of new Cirrus Tape PN 50640-045U. Work done in reference with Cirrus SR20 AMM, CH 20.
- 7:) Removed and installed new left brake piston o-ring PN: MS28775224 and 2EA new temperature indicators PN: 51698-001 and 51698-003 IAW Cirrus SR-20 AMM 32-42. Perfomed brake OPS and leak check, no defects noted.
- 8:) Removed and installed new right brake piston o-ring PN: MS28775224 and 1EA new temperature indicator PN: 51698-001 IAW Cirrus SR-20 AMM 32-42. Performed brake OPS and leak check, no defects noted.
- 9:) Removed old adhesive tape and sealant from LH and RH wing root fairings, cleaned and prepped surfaces. Applied 7FT of new Cirrus Tape PN 50640-045U and sealant. Work done in reference with Cirrus SR20 AMM, CH 20.
- 10:) Removed old ELT P/N: EA-01 S/N: 049483 and replaced with new E-04R retrofit kit. Installed ELT P/N: E-04 S/N: 046742 in reference to ACK technologies model E-04 ELT installation manual P/N: E04M rev date 03/12/2022 rev. 1.12. ELT battery due: Mar/29/2029. Audio alert battery due Mar 2031. Cockpit remote battery due: 3/2028.
- 11:) Properly adjusted elevator "up" stop to meet required elevator travel. All work done in reference to Cirrus SR20 mm ch.27.
- 12:) Set rudder L/H stop to proper deflection angle per Cirrus SR20 maintenance manual chapter 27.
- 13:) Removed and installed new serviceable muffler/heat exchanger PN: 11884-003 IAW Cirrus SR-20 AMM 78-20. Performed leak check, no leaks noted, ran engine, no defects noted.
- 14:) Inspected and torqued loose mounting hardware on mixture control linkage rod end IAW Cirrus SR-20 AMM 76-10. Verified free travel of cable, no defects noted. Ran engine, no defects noted.
- 15:) Removed bad main battery P/N: RG24-15M S/N: 40847284 and replaced with new battery P/N: RG24-15M S/N: 41366758 in reference to Concorde owner/operator manual Doc. No. 5-0324, Rev. G. Performed satisfactory ops check.

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

ACTT: 1230.3 Hobbs time: 1230.3

Nathan Courtney for AirQuest Aviation CRS: Q3ER924K

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Beyond Expectations...

ALTIMETER SCALE CARD AQAV-002

Altimeter	Room Temp	Altimeter	Ròom Temp
Reads	°C .	Read	° C
0	0	18000	////
1000	-16	20000	
2000	-10	25000	///
3000	-10	30000	///
4000	0	35000	///
6000	t 10	40000	///
8000	+ 20	45000	1//
10000	+20	50000	1///
12000	+20	60000	///
14000	+ 20	70000	1///
16000	+ 20	80000	1/1/
TESTED TO:_	.16 K	FEET O	N: 5/9/24
	instead	MODEL S/N:	428638
STATIC SYS. N	10	A/C NO .: N	16708
SIGNATURE:_	3=	1 50m2	
DATE:	5	19/24	
	AIRQUE	ST AVIATION	
	REPAIR ST	ATION Q3ER92	24K
10 to			1010010

Revision #: 4 Date: 3/8/2019

485 Airport Road Butler, PA 16002



Date: 5/10/2024; Aircraft: N967DP; Type: SR20; S/N: 1287

Hobbs: 1230.3

The following tests and inspections have been performed. The static system altimeters and the altitude reporting system have been tested as required by FAR 91.411 IAW appendix E of part 43. The systems tested to 16,000 feet.

Model

S/N

Pilot:

5934D-3 428635

The following test and inspections have been performed: The transponder tests as required by FAR 91.413 IAW appendix F of part 43.14.CFR 91.215 Mode S.

Model

S/N

#1: AXP340

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uthorized Signature

Brian Thoma, AirQuest Aviation CRS # Q3ER924K