

N512AM**WEST VALLEY FLYING CLUB**

AIRFRAME	DN: 2232
Date	07/29/2020
REG #	N512AM
TACH	1223
AFTT	1223
last maint time	1223
500 Mag Service	1485
50 hour service	1321
100 hour service	1271
Annual	06/30/2021
Transponder	9/30/2020
Pitot Static	9/30/2020
ELT	12/31/2022
TBO	776
Reg. Renewal	11/30/2022
cirrus parachute	08/31/2026
cirrus reef	08/31/2022
EMA	07/31/2023
SB Inflators	06/30/2028

AIRFRAME WORK PERFORMED:

Completed 50 hour inspection of the airframe using the Cirrus SR20 maintenance manual as a guide.
 Complied with SB2X-32-22R2 NLG assembly inspection.
 Complied with SB2X-32-23R1 nose wheel shimmy reduction.
 I certify that this aircraft has been inspected in accordance with 50 hour inspection and was determined to be in airworthy condition and returned to service.


 Jasper Sardalla A&P/IA 3287387

ENGINE PROPELLER and REPORT

N512AM**WEST VALLEY FLYING CLUB**

ENGINE	SN: 2332
Date	12/11/2020
REG #	N512AM
TACH	1370
ETT	1370
last maint time	1370
500 Mag Service	1485
50 hour service	1420
100 hour service	1470
Annual	06/30/2021
Transponder	10/31/2022
Pitot Static	10/31/2022
ELT	12/31/2022
TBO	629
Reg. Renewal	11/30/2022
cirrus parachute	08/31/2026
cirrus reef	08/31/2022
EMA	07/31/2023
SB Inflators	06/30/2028

ENGINE WORK PREFORMED

Completed 100 hour inspection of the engine using the Cirrus SR20 maintenance manual 100 hour checklist as a guide.
 Drain oil and service with 8 QTS of Aeroshell 15W50 oil
 Removed and replaced oil filter P/N CH48108-1.
 Cut old filter no excessive contaminants found
 Performed post inspection engine run up mag check good, no leaks found
 This aircraft has been inspected IAW an 100 hour inspection and was determined to be in airworthy condition and returned to service.



_____ Jasper Sardalla A&P/IA 3287387

 PROPPELLER
 AD REPORT


N512AM

WEST VALLEY FLYING CLUB

ENGINE	
Date	02/05/2021
REG #	N512AM
TACH	1409
ETT	1409
last maint time	1409
500 Mag Service	1485
50 hour service	1420
100 hour service	1470
Annual	06/30/2021
Transponder	10/31/2022
Pitot Static	10/31/2022
ELT	12/31/2022
TBO	590
Reg. Renewal	11/30/2022
cirrus parachute	08/31/2026
cirrus reef	08/31/2022
EMA	07/31/2023
SB Inflators	06/30/2028

ENGINE WORK PERFORMED:

Performed compression check of all cylinders #1 60/80, #2 65/80, #3 64/80, #4 64/80, #5 60/80 #6 63/80
Replaced 3 spark plugs P/N URHM38E

 Benjamin Porath A&P 4123456

PROPPELLER
AD REPORT

N512AM**WEST VALLEY FLYING CLUB**

ENGINE	SN: 2332
Date	02/25/2021
REG #	N512AM
TACH	1420
ETT	1420
last maint time	1420
500 Mag Service	1485
50 hour service	1520
100 hour service	1470
Annual	06/30/2021
Transponder	10/31/2022
Pitot Static	10/31/2022
ELT	12/31/2022
TBO	579
Reg. Renewal	11/30/2022
cirrus parachute	08/31/2026
cirrus reef	08/31/2022
EMA	07/31/2023
SB Inflaters	06/30/2028


ENGINE WORK PERFORMED:

Completed 50 hour inspection of the engine using the Cirrus SR20 maintenance manual 50 hour checklist as a guide.
Drain oil and service with 8 QTS of Aeroshell 15W50 oil.
Removed and replaced oil filter P/N CH48108-1.
Cut old filter no excessive contaminants found.
Performed post inspection engine run up mag check good, no leaks found.
I certify that this aircraft has been inspected in accordance with the 50 hour inspection and was determined to be in airworthy condition and returned to service.


Pawel Trzcinski A&P 3344808PROPELLER
AD REPORT

N512AM**WEST VALLEY FLYING CLUB**

ENGINE	
Date	04/30/2021
REG #	N512AM
TACH	1462
ETT	1462
last maint time	1462
500 Mag Service	1485
50 hour service	1512
100 hour service	1562
Annual	06/30/2021
Transponder	10/31/2022
Pitot Static	10/31/2022
ELT	12/31/2022
TBO	537
Reg. Renewal	11/30/2022
cirrus parachute	08/31/2026
cirrus reef	08/31/2022
EMA	07/31/2023
SB Inflators	06/30/2026

ENGINE WORK PERFORMED	
<p>Completed 100 hour inspection of the engine using the Cirrus SR20 maintenance manual 100 hour checklist as a guide. Drain oil and service with 8 QTS of Aeroshell 15W50 oil. Removed and replaced oil filter P/N CH48108-1. Cut old filter no excessive contaminants found. Performed post inspection engine run up mag check good, no leaks found. This aircraft has been inspected IAW an 100 hour inspection and was determined to be in airworthy condition and returned to service.</p>	
 Jasper Sardalla A&P/IA 3287387	

PROPPELLER
 AD REPORT

N512AM

WEST VALLEY FLYING CLUB

ENGINE	SN: 2332
Date	07/15/2021
REG #	N612AM
TACH	1509.9
ETT	1509.9
last maint time	1509.9
500 Mag Service	2009
50 hour service	1559
100 hour service	1609
Annual	07/31/2022
Transponder	10/31/2022
Pilot Static	10/31/2022
ELT	12/31/2022
TBO	490
Reg. Renewal	11/30/2022
cirrus parachute	08/31/2026
cirrus reef	08/31/2022
EMA	07/31/2023
SB Inflators	06/30/2028

ENGINE WORK PERFORMED:

Date 7/15/2021

W/O# 19359

Tach / Flight

Eng TSN

Eng TSO

TTAF

1509.9 COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

1509.9 COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI STANDARD PRACTICES MAINTENANCE MANUAL. COMPRESSION TEST RESULTS: #1- 50/80, #2- 56/80, #3- 52/80, #4- 66/80, #5- 59/80, #6- 64/80. MASTER ORIFICE: 39/80.

1509.9 DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 15W50 ENGINE OIL. REINSTALLED LEFT MAGNETO P/N BL-500556-3 S/N D19BA069R AND RIGHT MAGNETO P/N BL-500556-3 S/N D19BA081R AFTER 500 HR INSPECTION BY AIRCRAFT ELECTRICAL COMPONENTS INC. CRS# S7HR883J, UNDER WO#PO21-00606. SET MAGNETO TO ENGINE TIMING TO SPEC. INSTALLED NEW A/C ACCESSORY DRIVE PAD SEAL. INSTALLED NEW #2 ALTERNATOR P/N 653344 S/N H-T121961 WITH NEW DRIVE HUB. INSTALLED 12 NEW ROCKER COVER GASKETS. INSTALLED NEW PUSHROD HOUSING SEALS ON CYLINDER # 1, #3, #5.



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 512AM

S/N 2332

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed:

Shawn Matthies AWKR298C

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed:

Shawn Matthies AWKR298C

PROPPELLER AD REPORT

N512AM**W E S T V A L L E Y F L Y I N G C L U B**

ENGINE	SN: 2332
Date	10/04/2021
REG #	N512AM
TACH	1555
ETT	1555
last maint time	1555
500 Mag Service	2009
50 hour service	1659
100 hour service	1609
Annual	07/31/2022
Transponder	10/31/2022
Pitot Static	10/31/2022
ELT	12/31/2022
TBO	444
Reg. Renewal	11/30/2022
cirrus parachute	08/31/2026
cirrus reef	08/31/2022
EMA	07/31/2023
SB Inflators	06/30/2028

ENGINE WORK PERFORMED

Completed 50 hour inspection of the engine using the Cirrus SR20 maintenance manual 50 hour checklist as a guide.
 Drain oil and service with 8 QTS of Aeroshell 15W50 oil.
 Removed and replaced oil filter P/N CH48108-1.
 Cut old filter no excessive contaminants found.
 Performed post inspection engine run up mag check good, no leaks found.
 I certify that this aircraft has been inspected IAW with the 50 hour inspection and was determined to be in airworthy condition and returned to service.


 Jasper Sardalla A&P/IA 3287387


PROPELLER AND REPORT

N512AM**WEST VALLEY FLYING CLUB**

ENGINE	SN: 2332
Date	12/16/2021
REG #	N512AM
TACH	1603
ETT	1603
last maint time	1603
500 Mag Service	2009
50 hour service	1653
100 hour service	1703
Annual	07/31/2022
Transponder	10/31/2022
Pitot Static	10/31/2022
ELT	12/31/2022
TBO	396
Reg. Renewal	11/30/2022
cirrus parachute	08/31/2026
cirrus reef	08/31/2022
EMA	07/31/2023
SB Inflators	06/30/2028

ENGINE WORK PERFORMED:

Completed 100 hour inspection of the engine using the Cirrus SR20 maintenance manual 100 hour checklist as a guide.
 Drain oil and service with 8 QTS of Aeroshell 15W50 oil.
 Removed and replaced oil filter P/N CH48108-1.
 Cut old filter no excessive contaminants found.
 Performed post inspection engine run up mag check good, no leaks found.
 This aircraft has been inspected IAW an 100 hour inspection and was determined to be in airworthy condition and returned to service.

 Jasper Sardalla A&P/IA 3287387

PROPERT FR AND REPORT

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 8/14/2023; Aircraft: N512AM; Type: SR20; S/N: 2332
Shop Order #: 23-4604, Closed: 8/16/2023
Shop Order 23-4604
Engine Log:

Complied with 100 hour / annual inspection of engine in accordance with Cirrus SR20 maintenance manual, chapter 5. Compression tested: 1] 65/80, 2] 62/80, 3] 63/80, 4] 62/80, 5] 62/80, 6] 68/80.

Oil change not due at this time.

Removed all worn spark plugs and replaced with new spark plugs P/N: URHM38E (Qty.12) in reference to Continental overhaul and maintenance manual for IO-360 series engines chapter 17. 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 engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

CTT: 1848.0 Hobbs time: 2622.4 Flight time: 1848.0 ETT: 1848.0 ETSOH: 1848.0

Signed  Nathan Courtney, AirQuest Aviation CRS: Q3ER924K

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 8/26/2022; Aircraft: N512AM; Type: SR20; S/N: 2332

ENGINE

1.) Compression tested::

1] 69/80, 2] 66/80, 3] 66/80, 4] 72/80, 5] 69/80, 6] 74/80.

2.) Drained oil. Removed, cut open and inspected filter. No contaminants found. Installed new filter PN: CH48108-1 and serviced engine using 8 quarts of Aresshell 15w50 oil. Ground ran and leak checked ok at this time.

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

Sign _____ John Norge AP3520539IA

NO# : 22-3861

Flight Hobbs: 1752.6 Hobbs: 2509.4 ETT: 1752.6

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 8/26/2022; Aircraft: N512AM; Type: SR20; S/N: 2332

IFRFRAME

- .) Complied with 12 month inspection of ELT per FAR 91.207 (d). ELT battery change due by end of December 2022. Placed battery on order.
- .) Removed and replaced Ba24 induction air filter.
- .) Complied with Beringer SB-015 by inspection of main wheels and brakes and determined Beringer brake wheel assemblies are not cracked and cotter keys are installed properly. New design backstop placed on order and will install when recieved. "New p/n BTR-019(B) backstops NOT INSTALLED at this time.
- .) Removed and replaced #2 batteries using 2 new p/n 50979-001
- .) Performed instructions for continued airworthiness on #1 battery by removal, capacity checked , recharged and reinstalled #1 battery.
- .) Cleaned inside of lower cowling. Applied new aluminum tape to areas of damaged tape.
- .) Complied with all applicable ICA's as required.
- .) Replaced RH and LH brake pads using new pads PN: 31392-105 and disks PN: 31392-108 in accordance with SR20 maintenance manual section 32-42. Operational check ok at this time.

certify that this aircraft has been inspected in accordance with a annual inspection and was determined to be in an airworthy condition. 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.

Signature _____

VO# : 22-3861

Light Hobbs: 1752.6 Hobbs: 2509.4

John Norge AP3520539IA

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 8/14/2023; Aircraft: N512AM; Type: SR20; S/N: 2332
Shop Order #: 23-4604, Closed: 8/16/2023
Shop Order 23-4604
Airframe Log:

- . Complied with 100 hour / annual inspection of airframe in accordance with Cirrus SR20 maintenance manual chapter 5. Removed fuel bowl, cleaned, and installed with new O-ring P/N: MS29513-137 and new seal P/N: NAS1523-8B in reference to Cirrus SR20 maintenance manual chapter 28. Performed satisfactory leak check for fuel bowl. Removed old induction air filter and replaced with new induction air filter P/N: BA24 in reference to Cirrus SR20 maintenance manual chapter 71.
- . Complied with research of airworthiness directives for aircraft
- . Complied with inspection of ELT and battery in accordance with F.A.R 91.207(d). Battery next due: 12/2028.
- . Removed paint on bottom of L/H and R/H elevator to expose areas that have corrosion, Cleaned areas with alumiprep 33 and treated with Alodine 1201 in reference to manufactures application instructions. Painted exposed areas in reference to Cirrus SR20 maintenance manual chapter 51.
- . Removed old fire extinguisher and replaced with new fire extinguisher P/N: 12533-004 in reference to Amerex owner's manual installation instructions P/N: 00914 E Rev 1/22.
- . Drilled new hole in lower spring tension tab on engine inter cylinder baffle on left side and reattached spring in reference to Cirrus SR20 maintenance manual chapter 71.
- . Removed rusted adel clamps on L/H bottom ignition lead wires and replaced with new adel clamps P/N: AD8 and P/N: MS21919WDG4 in reference to Continental overhaul and maintenance manual for IO-360 series engines chapter 17
- . Properly adjusted elevator cable tension in reference to Cirrus SR20 maintenance manual chapter 27. Performed satisfactory ops check.
- . Removed torn energy absorption pad on Co-pilot seat and replaced with new energy absorption pad P/N: 14152-004 installed with new tape P/N: 50640-045U. All work performed in reference to Cirrus SR20 maintenance manual chapter 25.
- 0. Removed old EMA controller and replaced with new controller P/N: 20902-001 S/N: A03APR23-194 in reference to Cirrus SR20 maintenance manual chapter 25.
- 1. Removed old CO detector S/N: 96477 and replaced with new P/N: 24660-002 S/N: 116606 in reference to Cirrus SR20 maintenance manual chapter 31.
- 2. Complied with SB2X-25-30 issued 7/24/2023 crew seat back break-over bolt adjustment by inspecting break-over bolt measurement on Pilot and Copilot seat in reference to SB2X-25-30. No adjustments needed.

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.

TCCT: 1848.0 Hobbs time: 2622.4 Flight time: 1848.0

Signed  Nathan Courtney, AirQuest Aviation CRS: Q3ER924K