N289WD

PROPG

PN F-2-7A

SN 1853W

The Standard

ENGINE LOG

ASA-SE-2

YEAR 2022 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
	8029.3			

CMC AEROTEK

DATE: 10/07/2022 REG#: N289ND MAKE: PIPER MODEL: PA-28R-201
SN: 2844039 HOBBS: 1194.6 TT: 8029.3
ENGINE

50-hour oil change has been completed. New oil filter P/N: AA48110-2, added 7qts 20W50 Phillips. Run-Up, Ops check & leak check good. I certify that the work performed is in accordance with AC43.13 and is determined to be in an airworthy condition at this time. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

-END-

Daniel A Clinton A&P 4028050

CMC AEROTEK

DATE: 10/19/2022 REG#: N289ND MAKE: PIPER MODEL: PA-28R-201
SN: 2844039 HOBBS: 1199.0 TT: 8031.6
ENGINE

Replaced Alternator, PN: ALY-8520. Run-Up, Ops check & leak check good. I certify that the work performed is in accordance with AC43.13 and is determined to be in an airworthy condition at this time. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

-END-

Alistair Coyte A&P 3834426

CMC AEROTEK

DATE: 01/03/2023 REG#: N289ND MAKE: PIPER MODEL: PA-28R-201
SN: 2844039 HOBBS: 1245.7 TT: 8060.6
ENGINE

Performed Annual Inspection IAW PA28R-201 MM inspection guide CH.2. Engine inspection completed. All compressions checked: 1. 76/80 2. 74/80 3. 70/80 4. 75/80. Added 7qt's of Oil Phillips 20w50 and new oil filter PN: AA48110-2 installed. All controls lubricated. Replaced TOP spark plugs for all Cylinders PN: UREM40E. All tubing, hoses, and inlet screens all cleaned and inspected. All engine AD's have been checked. 2015-19-07 Fuel inj. lines have no defects noted at this time. 90-04-06 R1 External prop governor oil line, no defects noted at this time. I certify that all repairs, maintenance, and inspections performed have been completed on 01/03/2023 and are in accordance with AC43.13, in accordance with the scope and detail of appendix D to part 43, current Federal Aviation Regulations and manufacturer's maintenance instructions. The Aircraft is determined to be in an airworthy condition at this time and can be returned to service.

-END-

STEPHEN BECKHAM IA 3640025

CMC AEROTEK

DATE: 02/03/2023 REG#: N289ND MAKE: PIPER MODEL: PA-28R-201
SN: 2844039 HOBBS: 1258.1 TT: 8069.5
ENGINE

Replaced Fuel Servo, PN: 2524450-9, SN: 7210YP09. Replaced Throttle control cable, PN: MC455-322 and rod end, PN:452-606. I certify that all repairs, maintenance, and inspections performed have been completed on 02/03/2023 and are in accordance with AC43.13, in accordance with the scope and detail of appendix D to part 43, current Federal Aviation Regulations and manufacturer's maintenance instructions. The Aircraft is determined to be in an airworthy condition at this time and can be returned to service.

-END-

Alistair Coyte A&P 3834426

YEA
20_
DAT

CMC AEROTEK

DATE: 02/21/2023 REG#: N289ND MAKE: PIPER MODEL: PA-28R-201
SN: 2844039 HOBBS: 1263.2 TT: 8073.7
ENGINE

Replaced Prop Governor base gasket in response to potential oil leak. Completed full power run up that included an ops check for the gov. feathering and also RPM limiting ability. All functions and operations performed without issue. I certify that all repairs, maintenance, and inspections performed have been completed on 02/21/2023 and are in accordance with AC43.13, in accordance with the scope and detail of appendix D to part 43, current Federal Aviation Regulations and manufacturer's maintenance instructions. The Aircraft is determined to be in an airworthy condition at this time and can be returned to service.

-END-

Alistair Coyte A&P 3834426

CMC AEROTEK

DATE: 09/19/2023 REG#: N289ND MAKE: PIPER MODEL: PA-28R-201
SN: 2844039 HOBBS: 1277.4 TT: 8079.0
ENGINE

Replaced Mechanical Fuel pump, PN: LW15473, SN: 15UY16. Removed mechanical magneto, PN: 4370, and installed mechanical impulse coupled magneto PN: 4372. Removed Electroair MTH magneto PN: EA-3000IC and installed Electroair MTH magneto PN: EA-3000. Removed Electroair EIS controller, PN: EA-20000 25DEG and installed Electroair EIS controller, PN: EA-20000 20DEG. Replaced 3 spark plugs, PN: URHM38SE. Replaced Prop Governor, PN: F-2-7A, SN: 1853W. I certify that all repairs, maintenance, and inspections performed have been completed on 01/19/2023 and are in accordance with AC43.13, in accordance with the scope and detail of appendix D to part 43, current Federal Aviation Regulations and manufacturer's maintenance instructions. The Aircraft is determined to be in an airworthy condition at this time and can be returned to service.

-END-

Alistair Coyte A&P 3834426

CMC AEROTEK

DATE: 04/01/2024 REG#: N289ND MAKE: PIPER MODEL: PA-28R-201
SN: 2844039 HOBBS: 1317.0 TT: 8103.3
ENGINE

Performed Annual Inspection IAW PA28R-201 MM inspection guide CH.2. Engine inspection completed. All compressions checked: 1) 76/80 2) 75/80 3) 75/80 4) 72/80. Added 7qt's of Oil Phillips 20w50 and new oil filter PN: AA48110-2 installed. All controls lubricated. Removed, cleaned and inspected all fuel injectors and fuel injector lines. All tubing, hoses, and inlet screens all cleaned and inspected. All engine AD's have been checked. Type D oil cooler hoses installed. 2015-19-07 Fuel inj. lines have no defects noted at this time. 90-04-06 R1 External prop governor oil line, no defects noted at this time. I certify that all repairs, maintenance and inspections performed have been completed on 04/01/2024 and are in accordance with AC43.13, in accordance with the scope and detail of appendix D to part 43, current Federal Aviation Regulations and manufacturer's maintenance instructions. The Aircraft is determined to be in an airworthy condition at this time and can be returned to service.

-END-

STEPHEN BECKHAM IA 3640025

Mach Altus Aviation LLC
2201 Grand haven DR
CONCORD, NC 28027

Make: Piper
Model: PA-28R-201
Tail: N289ND
S/N: 28-44039
Hours: ACTT: 8185.8 | Hobbs: 1431.9 | Tach: 8185.8□□ENGINE LOG ENTRY

Discrepancy: 50 HOUR OIL CHANGE
Corrective Action: ACCOMPLISHED 50 HOUR OIL CHANGE DRAINED AND SERVICE OIL WITH 7QTS OF 20W50 AND REPLACED OIL FILTER WITH NEW P/N AA48110-2. LEAK AND OPS CHECK GOOD IN ACCORDANCE WITH PA-28R-201 MAINTENANCE MANUAL.
Parts Used:
AA48110-2 OIL FILTER (Qty: 1)
100W PLUS OIL (Qty: 7)

Signed: _____
Name: Eric Samsombath

Cert: A&P 4415367
Date: 10/05/2026

Mach Altus Aviation LLC
2201 Grand haven DR
CONCORD, NC 28027

Make: Piper
Model: PA-28R-201
Tail: N289ND
S/N: L-157450-51E

Hours: ACTT: 8286.8 | Hobbs: 1573.4 | Tach: 8286.8 ENGINE LOG ENTRY

Discrepancy: ENGINE 100 HOUR INSPECTION
Corrective Action: COMPLETED AN ENGINE 100 HOUR INSPECTION IN ACCORDANCE WITH APPENDIX D TO PART 43 SCOPE AND DETAIL INSPECTION CHECKLIST.

Discrepancy: ENGINE OIL SERVICING
Corrective Action: DRAINED AND SERVICE OIL WITH 7QTS OF W100 PLUS AND REPLACED OIL FILTER WITH NEW P/N AA48110-2. LEAK AND OPS CHECK GOOD IN ACCORDANCE WITH PA-28R-201 MAINTENANCE MANUAL.
Parts Used:
100W PLUS OIL (Qty: 7)AA48110-2 OIL FILTER (Qty: 1)
Discrepancy: ENGINE MAG CHECK
Corrective Action: PERFORMED A MAGNETO TIMING CHECK. LH/RH MAG TIMED TO 25 DEGREES BTDC IN ACCORDANCE WITH LYCOMING DDOHM

Discrepancy: SPARK PLUG SERVICING
Corrective Action: CLEANED, INSPECTED, AND GAP ALL SPARK PLUGS. OPS CHECK GOOD IN ACCORDANCE WITH LYCOMING SERVICE INSTRUCTION NO.1042 REV AH

Discrepancy: ENGINE COMPRESION CHECK
Corrective Action: COMPLETED A COMPRESSION CHECK WITH SATISFACTORY RESULTS CYL#1 72/80 CYL#2 77/80 CYL#3 72/80 CYL#4 74/80 IN ACCORDANCE WITH LYCOMING SERVICE INSTRUCTIONS NO.1191A

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION CHECKLIST AND FOUND TO BE IN AIRWORTHY CONDITION.

Signed: _____
Name: Eric Samsombath

Cert: A&P 4415367
Date: 06/25/2026

Mach Altus Aviation LLC
2201 Grand haven DR
CONCORD, NC 28027

Make: Piper
Model: PA-28R-201
Tail: N289ND
S/N: 28-44039

Hours: Tach: 8243.6 Hobbs: 1513.6 ENGINE LOG ENTRY

Discrepancy: ENGINE 100 HOUR INSPECTION
Corrective Action: COMPLETED AN ENGINE 100 HOUR INSPECTION IN ACCORDANCE WITH APPENDIX D TO PART 43 SCOPE AND DETAIL INSPECTION CHECKLIST.

Discrepancy: ENGINE OIL SERVICING
Corrective Action: DRAINED AND SERVICE OIL WITH 7QTS OF 20W50 AND REPLACED OIL FILTER WITH NEW P/N AA48110-2. LEAK AND OPS CHECK GOOD IN ACCORDANCE WITH PA-28R-201 MAINTENANCE MANUAL.
Parts Used:
20W50 OIL (Qty: 7)AA48110-2 OIL FILTER (Qty: 1)
Discrepancy: ENGINE COMPRESION CHECK
Corrective Action: COMPLETED A COMPRESSION CHECK WITH SATISFACTORY RESULTS CYL#1 68/80 CYL#2 77/80 CYL#3 72/80 CYL#4 71/80 IN ACCORDANCE WITH LYCOMING SERVICE INSTRUCTIONS NO.1191A

Discrepancy: ENGINE MAG CHECK
Corrective Action: PERFORMED A MAGNETO TIMING CHECK. LH/RH MAG TIMED TO 25 DEGREES BTDC IN ACCORDANCE WITH LYCOMING DDOHMM.

Discrepancy: CYL #3 ROCKER COVER GASKET LEAKING
Corrective Action: REMOVED AND REPLACED CYL #3 ROCKER GASKET WITH NEW IN ACCORDANCE WITH IO-360 SERVICING MANUAL. LEAK/OPS CHECK GOOD NO DEFECTS NOTED
Parts Used:
RG-67193 ROCKER COVER GASKET (Qty: 1)
Discrepancy: CYL# 3 TOP FOUL PLUGGED
Corrective Action: REMOVED AND REPLACED CYL #3 SPARK PLUG WITH NEW IN ACCORDANCE WITH PA-28R-201 SERVICE MANUAL. OPS CHECK GOOD NO DEFECTS NOTED.
Parts Used:
REM37BY CHAMPION AEROSPACE SPARK PLUG (Qty: 1)
Discrepancy: CYL#1 BOTTOM PLUG FOULED
Corrective Action: REMOVED AND REPLACED CYL #1 SPARK PLUG WITH NEW IN ACCORDANCE WITH PA-28R-201 SERVICE MANUAL. OPS CHECK GOOD NO DEFECTS NOTED.
Parts Used:
REM37BY CHAMPION AEROSPACE SPARK PLUG (Qty: 1)
Discrepancy: FUEL INJECTOR CLEANING
Corrective Action: CLEANED,INSPECTED, AND REINSTALLED ALL FUEL INJECTORS IN ACCORDANCE WITH LYCOMING DDOHM AND GAMIJECTOR INSTLLATION AND ICA. LEAK/OPS CHECK GOOD.

Discrepancy: SPARK PLUG SERVICING
Corrective Action: CLEANED, INSPECTED, AND GAP ALL SPARK PLUGS. OPS CHECK GOOD IN ACCORDANCE WITH LYCOMING SERVICE INSTRUCTION NO.1042 REV AH

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION CHECKLIST AND FOUND TO BE IN AIRWORTHY CONDITION.

Signed:
Name: Eric Samsombath

Cert: A&P 4415367
Date: 04/29/2026

Mach Altus Aviation LLC
9000 AVIATION BLVD
CONCORD, NC 28027

Make: Piper
Model: PA-28R-201
Tail: N289ND
S/N: 2844039

Hours: Tach: 8209.2 Hobbs: 1468.5 ENGINE LOG ENTRY

Discrepancy: 50 HOUR ENGINE OIL CHANGE
Corrective Action: SERVICE OIL WITH 7QTS OF 20W50 AND REPLACED OIL FILTER WITH NEW P/N AA48110-2. LEAK AND OPS CHECK GOOD IN ACCORDANCE WITH PA-28R-201 MAINTENANCE MANUAL.
Parts Used:
20W50 OIL (Qty: 7)AA48110-2 OIL FILTER (Qty: 1)

Signed:
Name: Eric Samsombath

Cert: A&P 4415367
Date: 02/26/2026

Mach Altus Aviation LLC
9000 AVIATION BLVD
CONCORD, NC 28027

Make: Piper
Model: PA-28R-201
Tail: N289ND
S/N: 2844039

Hours: Tach: 8145.40 Hobbs: 1375.6 ENGINE ENTRY

Discrepancy: ENGINE 100 HOUR INSPECTION
Corrective Action: COMPLETED AN ENGINE 100 HOUR INSPECTION IN ACCORDANCE WITH APPENDIX D TO PART 43 SCOPE AND DETAIL INSPECTION CHECKLIST.

Discrepancy: Compression completion
CYL 1 76, CYL 2 78, CYL 3 74, CYL 4 72
Corrective Action: COMPLETED A COMPRESSION CHECK WITH SATISFACTORY RESULTS CYL#1 76/80 CYL#2 78/80 CYL#3 74/80 CYL#4 72/80 IN ACCORDANCE WITH LYCOMING SERVICE INSTRUCTIONS NO.1191A

Discrepancy: ENGINE OIL SERVICING
Corrective Action: DRAINED AND SERVICE OIL WITH 7QTS OF 20W50 AND REPLACED OIL FILTER WITH NEW P/N AA48110-2. LEAK AND OPS CHECK GOOD IN ACCORDANCE WITH PA-28R-201 MAINTENANCE MANUAL.
Parts Used:
20W50 OIL(Qty: 7) AA48108-2 OIL FILTER(Qty:)
Discrepancy: 400 HOUR VALVE TRAIN INSPECTION
Corrective Action: COMPLIED WITH A 400 HOUR VALVE TRAIN INSPECTION IN ACCORDANCE WITH SB 388C WITH NO DEFECTS NOTED.

Discrepancy: SPARK PLUG SERVICING
Corrective Action: CLEANED, INSPECTED, AND GAP ALL SPARK PLUGS. OPS CHECK GOOD IN ACCORDANCE WITH LYCOMING SERVICE INSTRUCTION NO.1042 REV AH

Discrepancy: Engine driven fuel pump not safetied
Corrective Action: SAFETIED ENGINE DRIVEN FUEL PUMP PER 43.13 STANDARD PRACTICE MAINTENANCE MANUAL.

Discrepancy: FUEL INJECTOR CLEANING
Corrective Action: CLEANED,INSPECTED, AND REINSTALLED FUEL INJECTOR IN ACCORDANCE WITH PA-28R-201 SERVICE MANUAL. LEAK/OPS CHECK GOOD.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION CHECKLIST AND FOUND TO BE IN AIRWORTHY CONDITION.

Signed:
Name: Eric Samsombath

Cert: A&P 4415367
Date: 06/18/2025