

LH 123SM

LEFT ENGINE

123SM

**ENGINE
MAINTENANCE RECORDS**



WESTERN
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INC.

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DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
		Date	Engine Make
		July 1, 2016 <i>July 1 2017</i>	Continental
		Engine Serial Number	Aircraft
		219458-P	N123SM
		Engine Model	
		GTSIO-520-D	
		Hobbs Time/TSMOH	
		1139.1/573.3	
		Right engine log book entry Reg. N855T Completed 100 hr./Annual Inspection in accordance with FAR Part 43 Appendix D. Removed engine cowling and cleaned engine Compression tested (#1) 75/80 (#2) 68/80 (#3) 69/80 (#4) 74/80 (#5) 68/80 (#6) 72/80. Removed and replace engine air filters with new P/N: BA-6210-1. Drained engine oil and removed oil filter, cut open filter and inspected for adverse metal content, non-found. Serviced with 11 quarts of Aeroshell W100 Plus and installed new oil filter AA48111 removed and replaced oil pressure sensor Ground ran and leak checked. All checks good. Researched and verified AD compliance. (See AD compliance checklist dated 1 July 2017). I certify that this engine has been inspected in accordance with a 100 hr./Annual inspection and was determined to be in an airworthy condition. Casey Moore A/P	
		E&E AVIATION LLC. DATE: 6/10/2020 N123SM HOBBS:1485.1 TTAF:6738.2 L/H ENGINE TSMOH:1138.0 COMPLETED ANNUAL INSPECTION IAW FAR43 APPENDIX D: -PERFORMED COMPRESSION CHECK: #1 68/80 #2 60/80 #3 73/80 #4 64/80 #5 69/80 #6 60/80 - M/O READING:42/80 -CLEANED GAPPED AND ROTATED SPARK PLUGS -PRESSURE CHECKED EXHAUST-CHECKED OK -INSTALLED NEW HOSE COUPLING FOR THROTTLE BODY -INSTALLED O/H L/H TURBOCHARGER -C/W 2007-05-15 STARTER ADAPTER BY REMOVAL AND VISUAL INSPECTION OF GEARS AND BACKLASH INSPECTION. DUE AGAIN BY NEXT 100HR/ANNUAL INSPECTION -LUBED ALL CONTROLS -ALL ENGINE GROUND RUNS SATISFACTORY I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND FOUND AIRWORTHY FOR RETURN TO SERVICE SIGNED _____ RAYMOND VILLALBA A&P- _____	
		N123SM Left Engine Date 02-06-2021 HM-1504.9-Adjusted idle mixture, throttle, mixture and turbo control arm linkages. Adjusted fuel pump high power setting. Repaired oil leaks cylinder head covers and oil pressure fitting at case. Shane Packard A&P	

200
ANNUAL

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		LH Engine Log. N123SM S/N: 421-0193 Engine TCM: GTSIO-520-D S/N : 219165-R TSMO : 1173.1 Hrs. Hobbs: 1520.2 Date: 07/27/2021 1) Complied with a 100 HR/Annual Inspection using the Cessna 421 M/M Inspection guide. 2) Drained LH engine oil and serviced with 11qts of Aeroshell oil W100. Cut open filter and inspected no abnormal debris found. Installed new oil filter P/N CH48111-1. Leak check good. 3) Performed cylinder differential pressure test IAW TCM SB03-3 #1)70/80 #2) 70/80 #3) 72/80 #4) 76/80 #5) 70/80 #6) 72/80 4) Cleaned, gapped, tested sparkplugs and reinstalled sparkplugs. 5) Removed and replace rocker cover gaskets with new P/N 555705. 6) Removed and replaced induction air filter with new P/N P10-3421. 7) C/W TCM SB MSB94-4G/ AD 2007-05-15. No defects noted on dampeners dampeners. Part 2 Backlash measures follows 0: .020, .90 - .020, 180 - .020, & 270 - .020 Inspection due in 100 HRS/ Annual Inspection. Removed and replace breather interconnect tube with new Hose P/N MIL-H- 6000-12 .Run up and leak check good. I certify that this engine has been inspected in accordance with a 100 HR/Annual Inspection and was determined to be in airworthy condition. Luis Acosta A&P [REDACTED]
		THE H COMPANY [REDACTED] 6/2/2023 N123SM 421 421-0193 H/M 1576.4 ACTT 6831.5 TCM GTSIO-520-D 219165-R ENG TTIS 6831.5 ENG TTSMOH 1231.3 LEFT ENGINE Complete 100 Hour/Annual inspection in accordance with FAR43 appendix D and Cessna 421 maintenance manual. Compressions were as follows #1) 72/80 #2)71/80 #3) 72/80 #4) 61/80 #5)72/80 #6) 72/80. Drain oil and replace filter with new CH48111-1 filter. Cut removed filter open and inspect for metal contamination. Remove clean and inspect oil suction screen. No discrepancies noted at this time. Serviced engine with Aeroshell W100 oil. Ground ran engine and checked for leaks. Remove, clean, gap, inspect and rotate all spark plugs. Pressurize and leak check exhaust system in accordance with AD 00-01-16. See Airframe log entry for more details. Lubricate waste gate with Mouse Milk penetrating oil. Inspect and lubricate all engine controls. Remove left magneto, P/N 10-349220-4, S/N S32947. Re-install and time S/N S32947 in left position after overhaul by Aircraft Accessories of Oklahoma, FAA CRS RV3L928L, Ref. Wo. 52639, dated 12/OCT/2022. Remove right magneto, P/N 10-349260-7, S/N 1149212. Re-install and time S/N 1149212 in right position after overhaul by Aircraft Accessories of Oklahoma, FAA CRS RV3L928L, Ref. Wo. 52641, dated 05/OCT/2022. All AD's checked thru Biweekly 2023-08. C/W AD 07-05-15 Starter adapter assembly and crankshaft gear: Complied with part 2 starter adapter viscous dampener and shaft gear backlash inspection. All measurements were well within limits. NOTE: Part 2 is due at each Annual inspection. Part 3 is due at H/M 1885.1 I certify that I have inspected this engine in accordance with current FAR's and a 100 Hour/Annual inspection and was found to be in airworthy condition at this time and is approved for return to service. Kenneth Griffith A [REDACTED]

Right Engine

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

RIGHT
ENGINE

123SM

**ENGINE
MAINTENANCE
RECORDS**

DATE	Date	Engine Make	Engine Model
	April 13 th , 2017	Continental	GTSIO-520-D
	Engine Serial Number	Aircraft	Hobbs Time
	219458-P	N123SM (RIGHT)	1327.4

Drained oil and filled with 11 QTS of Aeroshell 100w. Removed filter and cut open for inspection, no defects noted at this time. Installed new Tempest oil filter (P/N48111-2). Ran engine for leak check, no leaks found at this time. Oil analysis sent to Lab One, see records for details

Adam James

Date	Engine Make	Engine Model
June 8 th , 2017	Continental	GTSIO-520-D
Engine Serial Number	Aircraft	Hobbs Time
219458-P	N123SM (RIGHT)	1377.0

Drained oil and filled with 11 QTS of Aeroshell 100w. Removed filter and cut open for inspection, no defects noted at this time. Installed new Tempest oil filter (P/N: AA48111-2). Ran engine for leak check, no leaks found at this time.

Adam James

E&E AVIATION LLC.

DATE: 6/10/2020 N123SM HOBBS:1485.1 TTAF:6738.2
R/H ENGINE TSMOH:921.3

COMPLETED ANNUAL INSPECTION IAW FAR43 APPENDIX D:
-PERFORMED COMPRESSION CHECK: #1 60/80 #2 76/80 #3 76/80 #4 72/80 #5 72/80 #6 78/80
M/O READING:42/80
-CLEANED GAPPED AND ROTATED SPARK PLUGS
-INSTALLED NEW HOSE COUPLING FOR THROTTLE BODY
-C/W 2007-05-15 STARTER ADAPTER BY INSTALLATION OF NEW STARTER ADAPTER KIT. DUE AGAIN BY NEXT 100HR/ANNUAL INSPECTION
-PRESSURE CHECKED EXHAUST-CHECKED OK
-LUBED ALL CONTROLS
-ALL ENGINE GROUND RUNS SATISFACTORY
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND FOUND AIRWORTHY FOR RETURN TO SERVICE

SIGNED
A&P:

RAYMOND VILLALBA

N123SM Right Engine

Date 02-06-2021 HM-1504.9-Adjusted idle mixture, Throttle, mixture and turbo controller linkages. Shane Packard

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TER
ME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

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RH Engine Log

N123SM S/N: 421-0193 Engine TCM: GTSIO-520-D S/N : 219458-P
TSMO: 956.4 Hrs. Hobbs: 1520.2 Date: 07/27/2021

- 1) Complied with a 100 HR/Annual Inspection using the Cessna 421 M/M Inspection guide.
 - 2) Drained LH engine oil and serviced with 11qts of Aeroshell oil W100. Cut open filter and inspected no abnormal debris found. Installed new oil filter P/N CH48111-1. Leak check good.
 - 3) Performed cylinder differential pressure test IAW TCM SB03-3 #1:70/80 #2) 62/80 #3) 74/80 #4) 60/80 #5) 70/80 #6) 70/80.
 - 4) Cleaned, gapped, tested sparkplugs and reinstalled sparkplugs.
 - 5) Removed and replaced roker cover gaskets with new P/N 658735.
 - 6) Removed and replaced induction air filter with new P/N P10-8421.
 - 7) C/W TCM SB MSB94-4G/ AD 2007-05-15. No defects noted on dampeners. Part 2 backlash measure as follows 0 - .020, 90 - .020, 180 - .020, 270 - .020
- Inspection due in 100 HRS/ Annual Inspection.. Run up and leak check good. Removed and replaced oil cap gasket with new P/N 535823. Removed and replaced cylinder push rod seals on #3 & #5 intake and #4 exhaust.

I certify that this engine has been inspected in accordance with a 100 HR/Annual Inspection and was determined to be in airworthy condition.

Luis Acosta A&P

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D/

THE H COMPANY

6/2/2023 N123SM 421 421-0193 H/M 1576.4 ACTT 6831.5
TCM GTSIO-520-D 219458-R ENG TTIS 6831.5 ENG TTSMOH 1014.6
RIGHT ENGINE

Complete 100 Hour/Annual inspection in accordance with FAR43 appendix D and Cessna 421 maintenance manual. Compressions were as follows #1) 78/80 #2) 78/80 #3) 72/80 #4) 76/80 #5) 72/80 #6) 78/80. Drain oil and replace filter with new CH48111-1 filter. Cut removed filter open and inspect for metal contamination. Remove clean and inspect oil suction screen. No discrepancies noted at this time. Serviced engine with Aeroshell W100 oil. Ground ran engine and checked for leaks. Remove, clean, gap, inspect and rotate all spark plugs. Pressurize and leak check exhaust system in accordance with AD 00-01-16. See Airframe log entry for more details. Lubricate waste gate with Mouse Milk penetrating oil. Inspect and lubricate all engine controls. Remove left magneto, P/N 10-349220-4, S/N A239805F. Re-install and time S/N A239805F in left position after overhaul by Aircraft Accessories of Oklahoma, FAA CRS RV3L928L, Ref. Wo. 52642, dated 17/OCT/2022. Remove right magneto, P/N 10-349260-7, S/N F044123. Re-install and time S/N F044123 in right position after overhaul by Aircraft Accessories of Oklahoma, FAA CRS RV3L928L, Ref. Wo. 52640, dated 13/OCT/2022. Remove turbocharger P/N 406990-9004, S/N H-OK000046. Re-install S/N H-OK000046 turbocharger after overhaul by Main Turbo Systems Inc, FAA CRS MAMR109K, Ref. Wo. 63114, dated 24/AUG/2022. All Ad's checked thru biweekly 2023-08.

C/W AD 07-05-15 Starter adapter assembly and crankshaft gear: Complied with part 2 starter adapter viscous dampener and shaft gear backlash inspection. All measurements were well within limits. NOTE: Part 2 is due at each Annual inspection. Part 3 is due at H/M 1885.1
I certify that I have inspected this engine in accordance with current FAR's and a 100 Hour/Annual inspection and was found to be in airworthy condition at this time and is approved for return to service.

Kenneth Griffith

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THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			1/24/2018 N123SM S/N 421-0193 Hobbs: 1429.9.
			Removed and replace nose wheel tube
			with New Tube P/N 06-05300-1 IAW G-15/6.00-6
			IAW 421 Service Manual 4-46
			[REDACTED]
			[REDACTED]
			[REDACTED]
			[REDACTED]

LOG BOOK ENTRY

N123SM
C-421
S/N C421-193

HOBBS: 1465.5
Date: 04/27/2018

Maintenance Performed:

Removed right gear door bellcrank, P/N 5045001-8 and installed serviceable bellcrank, P/N 5045001-8. Performed landing gear retraction and extension tests per Service Manual Section 2. All indications normal.

[REDACTED] John Welch

[REDACTED] A&P IA

LOG BOOK ENTRY

N123SM
C-421
S/N C421-193

Date: 05/16/2018

Maintenance Performed:

Removed main battery and installed a New Battery, P/N RG24-20, S/N 40936318. Removed corrosion from battery tray and battery box. Painted treated areas. Performed weld repair to battery box drain line.

[REDACTED] John Welch

[REDACTED] A&P IA

DA



AERO STRUCTURAL SERVICES, L.L.C.

Page No.

1-23-19

CESSNA 421 SN 421-0193 N123SM

CLEANED AND INSPECTED EXHAUST SYSTEM IAW FAA AD 2000-01-16. R/H WASTE GATE AND R/H AND L/H EXHAUST OUTLET PIPES FOUND TO BE BEYOND REPAIR.

REF: FAA AD 2000-01-16

THE AIRFRAME OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO WORK PERFORMED. ALL PERTINENT DETAILS ON AERO STRUCTURAL SERVICES W.O. # 381185

SIGNED: [REDACTED]

E&E AVIATION LLC.

DATE: 6/10/2020 N123SM HOBBS:1485.1 TTAF:6738.2
ANNUAL INSPECTION

-INSTALLED NEW ELT BATTERIES
 -INSPECTED ELT PER 91.207 (D)-BATTERY EXPIRES 8/2021
 -INSTALLED NEW FWD AND AFT DOOR CABLES
 -INSTALLED NEW INSTRUMENT PANEL SHOCK MOUNTS
 -SHIMMED L/H & R/H FWD SPINNER BULKHEADS
 -RESEALED NOSE STRUT
 -REINSTALLED L/H & R/H EXHAUST SYSTEM AFTER REPAIR BY AERO STRUCTURAL-SEE LOGBOOK STICKER
 -INSTALLED NEW L/H & R/H EXHAUST TAILPIPES
 -INSTALLED NEW L/H & R/H EXHAUST FLEX JOINTS
 -INSTALLED NEW L/H & R/H EXHAUST TURBO ELBOWS
 -INSTALLED O/H L/H TURBOCHARGER
 -INSTALLED O/H R/H WASTGATE ASSEMBLY
 -INSTALLED NEW HEATER FUEL PSI REGULATOR
 -INSTALLED NEW L/H TIRE
 -INSTALLED NEW LANDING GEAR SQUAWT SWITCH
 -RELINED L/H BRAKES
 -INSTALLED O/H R/H BOOST PUMP
 -LUBED ALL FLIGHT CONTROLS
 -SERVICED BRAKE RESERVOIR WITH 5606
 -PERFORMED GEAR RETRACT TEST AND CHECKED EMERGENCY EXTENSION SYSTEM
 -C/W AD 2000-01-16 EXHAUST SYSTEM L/H & R/H ENGINES PARA. B,C,D,E,F&G-PARA. B DUE AGAIN BY 7/10/2020 OR HOBBS:1535.1 WHICHEVER OCCURS LATER. PARA. C DUE NEXT ANNUAL INSPECTION. PARA. D DUE AGAIN BY HOBBS:1985.1. PARA. E DUE BY NEXT ANNUAL INSPECTION. PARA. F DUE AGAIN BY HOBBS:1985.1. PARA.G DUE AGAIN BY HOBBS:3985.1 OR 6/2032
 -C/W AD 2016-17-08 ELEVATOR TRIM TAB BY INSTALLATION OF NEW HARDWARE-DUE AGAIN BY NEXT ANNUAL INSPECTION OR HOBBS:1595.1 WHICHEVER OCCURS FIRST
 -C/W AD 72-11-05 AUX FUEL TANKS BY VISUAL INSPECTION-DUE AGAIN BY HABBS:1585.1
 -C/W AD 2004-25-16 R1 FUEL REGULATOR BY INSTALLATION OF NEW REGULATOR-DUE AGAIN BY NEXT ANNUAL INSPECTION OR HOBBS:1585.1 WHICHEVER OCCURS FIRST
 -C/W AD 2005-20-25 AVIONICS CIRCUIT BREAKER-BY INSTALLATION OF NEW BREAKER-NO FURTHER ACTION NEEDED
 -C/W AD 2004-21-05 HEATER DECAY BY PERFORMING HEATER DECAY TEST-DUE AGAIN BY NEXT 100HR HEATER OPERATION OR 6/2022
 -C/W AD 76-13-07 MLG FORK BOLTS BY INSTALLATION OF NEW FORK BOLTS-DUE AGAIN BY HOBBS:3485.1
 ALL AD'S CHECKED THRU 2020-13
 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AS PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION

SIGNED: [REDACTED] RAYMOND VILLALBA
A&P: [REDACTED]

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E&E AVIATION

SPRING, TX 77379

PERFORMED—
ON PERFORMING WORK

DATE

TOT
TIM
IN
SERVN123SM CESSNA, 421, S/N: September 3, 2020
421-0193

INSTALLED NEW MAIN BATTERY. ALL OPS CHECKED OK

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with E&E AVIATION under work order: WO_2031.

RAYMOND VILLALBA A&P IA

N123SM - AIRFRAME

REPAIR FUEL LEAK RIGHT TIP TANK FUEL DRAIN.

INSTALLED O-RING P/N MS 29513-020

DATE 12-31-2020 HOBBS 1504.0

PACKARD AVIATION A&P

N123SM Airframe

Date 02-6-2021 HM-1504.9 Installed New main/standby voltage regulator switch P/N23AT2, serviceable emergency power circuit breaker P/N-pdm-5a. new exhaust stack inboard right engine-Kinsley welding INC. W/O P99286. Installed new alternator right engine- IAW SB11-3. Alternator P/N-ALV9610. Shane Packard A&P

N123SM Model : 421 S/N: 421-0193 TTAF: 6773.3 Hrs Hobbs: 1520.2
Hrs Date: 07/27/2021

Completed 100 Hr / Annual Inspection I/A/W FAR 43 Appendix D and Cessna 421 Service Manual checklist. Lubricated per Cessna 421 MX manual. Jacked aircraft and performed gear retract test and checked emergency gear extension. Replaced ELT battery with new battery P/N 1300L battery due JUL 2022. Inspected ELT per FAR 91.207 (d) ops check good. Replaced both Vac Reg elements P/N B3-5-1. Removed and resealed RH landing gear strut with new poly pack seal P/N A1261, wiper P/N A2749, ring P/N CM2690-14 and serviced with hydraulic fluid and nitrogen. Replaced fuel cap springs with new P/N MS29513-338. Installed new air filter P/N P10-5290. Replaced nose wheel thru bolt with new P/N AN5-57. Replaced RH wheel bearing with new P/N LM29749-20629. Repositioned Elevator trim cable back on its pulley. C/W AD 2000-01-16 LH & RH engines PARA B, C & E - PARA B due again by 08/27/2021 or Hobbs : 1570.2 hrs. whichever occurs later. PARA C next due Annual Inspection. PARA E next due at Annual Inspection. No defects noted at this time. C/W AD 2016-17-08 Elevator trim Tab Part F (2) No defects noted. Next due again at next Annual Inspection or Hobbs : 1620.2 hrs. whichever occurs first. Heater decay test due @ 1585.1 hrs or 6/2022. Checked AD's thru 2021-15. CW AD 2004-25-16R1 Fuel Pressure Regulator no defects noted at this time next due at Annual Inspection or at Hobbs 1620.2 hrs. Removed and replace Air Conditioner condensor blower motor with new motor P/N ES61130-3 from Air Comm Corp. SM# C52530 C Of C dated 8/11/2021.

Serviced Air Conditioner with 1.5 lbs of R12 freon. Installed new axle bolts on RH gear P/N NAS464P4A8 with nuts MS21042L4 and 2 new bolts on LH gear axle.

This aircraft, airframe, aircraft engine or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.

Luis Acosta A&P

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N123SM

	
<i>VAAYU Aero Maintenance</i>	
West Houston Airport [Redacted] Houston, TX 77084	
DATE: 05/27/2022 N123SM	
WORK PERFORMED: R/H ENGINE	
• INSTALLED NEW R/H OIL CAP SEAL WITH P#535823. • REPAIRED ATTACHMENT HOLES IN HEAT SHROUD AT TURBO BALL JOINT.	
I certify that the work performed was carried out in accordance with 14 CFR Part 43.9 and paragraph (b) of 14 CFR Part 43, Appendix B and was determined to be in an airworthy condition.	
Details on file at VAAYU Aero Maintenance under WO#31304	
FAA Certified Repair Station [Redacted]	
No. [Redacted]	signed [Redacted]

	
<i>VAAYU Aero Maintenance</i>	
West Houston Airport [Redacted] Houston, TX 77084	
DATE: 05/27/2022 N123SM	
WORK PERFORMED: AIRFRAME	
• INSTALLED OVERHAULED R/H TACH GENERATOR P#22A667. • INSTALLED NEW R/H OIL DOOR WING STUD P#2600-8W. • SERVICED LEFT BRAKE WITH P#MIL-H-5606 HYDRAULIC FLUID.	
I certify that the work performed was carried out in accordance with 14 CFR Part 43.9 and paragraph (b) of 14 CFR Part 43, Appendix B and was determined to be in an airworthy condition.	
Details on file at VAAYU Aero Maintenance under WO#31304	
FAA Certified Repair Station [Redacted]	
No. [Redacted]	signed [Redacted]

D.

THE H COMPANY

6/2/2023 N123SM 421 421-0193 H/M 1576.4 AQCTT 6831.5

Complete 100 Hour/Annual inspection in accordance with FAR43 appendix D and Cessna 421 maintenance manual. Clean, inspect and lubricate all cables, hinges, pulleys, bellcranks etc. Remove existing EDM 760 graphic engine monitor system along with all existing probes and wiring harnesses. Install new Insight Instrument Corporation EDM C4-6C turbo graphic engine monitor system along with all new probes and wiring harnesses in accordance with Insight Instrument Corporation STC SA02930NY (See FAA form 337 dated 12/27/2022). Weight of all removed components is equal to the weight of new Components installed. Replace both vacuum regulator filters with new P/N RAB3-5-1 filters. Clean and inspect both fuel filter elements. Clean, inspect and lubricate landing gear. Perform gear retraction and emergency extension tests. Clean and re-pack all wheel bearings. Remove nose tire P/N 606C86-6, S/N 93630146 and install new nose tire, P/N 606C86-6, S/N 20220141. Remove oxygen bottle P/N 801365-11, S/N 33007U. Re-install and service S/N 33007U after hydrostatic inspection by Aerospace Turbine Rotables, FAA CRS NV2R045L, Ref. Wo.183763, dated 18/AUG/2022. NOTE: Oxygen bottle next hydrostatic inspection due 8/2028. Replace several loose or damaged fasteners forward of left and right main gear. Fabricated .050" 2024T3 repair doubler and install new P/N CR3213-5-3, CR3243-6-2, CR3243-6-3 and CR3243-6-4 fasteners. Replace right flap inboard push pull rod with new P/N 0862100-50 rod assembly. Replace left inboard flap linkage bushings. Replace taxi light bulb with new P/NAML-305 bulb. Replace Aux fuel tank quantity placards. Remove main battery and re-install after capacity check and top charge. Replace all stub wing intercooler hoses. Replace both outflow and safety valve filters with new P/N 79030 filters. Replace ELT batteries with 8 new Duracell "D" cell batteries. Inspect ELT and perform functional check in accordance with FAR 91.207(d). NOTE: ELT batteries next due replacement on 3/2025. All AD's checked thru bi-weekly 2023-08.

C/W AD 72-11-05: Aux Fuel cell leakage by visual inspection. No discrepancies were noticed at this time. NOTE: Next due at each flight of the day.

C/W AD 00-01-16: Exhaust system cracks and corrosion on both engines. **C/W Paragraph (b)** by pressurizing exhaust systems and visually inspecting for cracks. No discrepancies were noted at this time. NOTE: next due at H/M 1626. **C/W Paragraph (c)** by removing tail pipes and visually inspecting for cracks and corrosion. No discrepancies were noted at this time. NOTE: next due at 6/2/2024. **C/W Paragraph (d)** by visually inspecting the outboard engine beams, firewall and canted bulkhead for deformities. No discrepancies were noted at this time. NOTE: next due at H/M 2076.4. **C/W paragraph (e)** by pressure testing and checking exhaust systems for leaks. No discrepancies were noted at this time. NOTE: next due at 3/20/2024. NOTE: **paragraph (f)** is N/A. NOTE: **paragraph (g)** exhaust system component replacement is due on 6/2035 or H/M 4076.4.

C/W AD 04-21-05: Janitrol pressure decay test. No discrepancies were noted at this time. NOTE: next due at Annual 6/2-2025.

C/W AD 04-25-16: Janitrol fuel pressure shutoff valve by visual inspection. No discrepancies were noted at this time. NOTE: next due at Annual 6/2/2024.

C/W AD 14-03-03: Flight into known icing conditions by installing placard on instrument panel. NOTE: No further action is required.

C/W AD 16-17-08: Elevator trim tab hardware installation by visual inspection of trim tab hardware installation. No discrepancies were noted at this time. NOTE: Due at each Annual inspection or any time hardware is removed.

I certify that I have inspected this aircraft in accordance with current FAR's and a 100 Hour/Annual inspection and was found to be in airworthy condition at this time and is approved for return to service.

Kenneth Griffith

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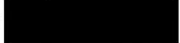
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LH 123SM

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

LEFT 123 SM

**PROPELLER
MAINTENANCE
RECORDS**

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Tom's Aircraft Maintenance Inc.   LONG BEACH INT'L AIRPORT □ LONG BEACH, CA 90806				
N <u>123SM</u>				
Tach. Time <u>571.1</u> Total Time <u>500.8</u>				
I certify that this <u>propeller</u> has been inspected in accordance with a/an <u>100 hr / Annual</u> inspection and was determined to be in airworthy condition. All details of this inspection are on file at this facility under work order # <u>7987</u> Dated <u>4/18/97</u>				
Authorized signature  F.A.A. Repair Station 				

Date	Propeller Make	Propeller Model
July 1, 2016	McCauley	3AF34C92
Propeller Serial Number	Position	Hobbs Time/TSMOH
805942	Left	1137.1/817.7

Completed 100 hour/Annual inspection IAW FAR Part 43 Appendix D. Serviced Accumulator to proper setting. Serviced propeller with Aeroshell 6 grease.

Researched and verified AD compliance. (See AD compliance checklist dated 1 July 16)

I certify that this Propeller has been inspected in accordance with a **100 Hr./Annual** inspection and was determined to be in airworthy condition.


Christopher McSpadden,

E&E AVIATION LLC.


DATE: 6/10/2020 N123SM HOBBS:1485.1 TTAF:6738.2
 -C/W AD 95-24-05R1 BY VISUAL INSPECTION FOR RED DYE-NONE NOTED DUE AGAIN BY
 HOBBS:1545.1
 I CERTIFY THIS PROP HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND
 FOUND AIRWORTHY FOR RETURN TO SERVICE

SIGNED  RAYMOND VILLALBA
 A&P-

RH 123SM

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

RIGHT
123SM

**PROPELLER
MAINTENANCE
RECORDS**

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK												
				Tom's Aircraft Maintenance Inc. Phone 310-426-5331 FAX 310-426-1052 LONG BEACH INT'L AIRPORT LONG BEACH, CA 90806 N <u>123SM</u> Tach. Time <u>571.1</u> Total Time <u>500.83mo4</u> I certify that this <u>propeller</u> has been inspected in accordance with a/an <u>100 hr/Annual</u> inspection and was determined to be in airworthy condition. All details of this inspection are on file at this facility under work order # <u>7987</u> Dated <u>4/18/97</u> Authorized signature _____ F.A.A. Repair Station _____												
				<table border="1"> <thead> <tr> <th>Date</th> <th>Propeller Make</th> <th>Propeller Model</th> </tr> </thead> <tbody> <tr> <td>July 1, 2016</td> <td>McCauley</td> <td>3AF34C92</td> </tr> <tr> <th>Propeller Serial Number</th> <th>Position</th> <th>Hobbs Time/TSMOH</th> </tr> <tr> <td>715714</td> <td>Right</td> <td>1137.1/817.7</td> </tr> </tbody> </table> Completed 100 hour/Annual inspection IAW FAR Part 43 Appendix D. Serviced Accumulator to proper setting. Serviced propeller with Aeroshell 6 grease. Researched and verified AD compliance. (See AD compliance checklist dated 1 July 16) I certify that this Propeller has been inspected in accordance with a <u>100 Hr./Annual</u> inspection and was determined to be in airworthy condition. _____ Christopher McSpadden,	Date	Propeller Make	Propeller Model	July 1, 2016	McCauley	3AF34C92	Propeller Serial Number	Position	Hobbs Time/TSMOH	715714	Right	1137.1/817.7
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RH Prop Log:
N123SM Model C421 S/N 421-0193 Propeller Model : 3AF34C92
S/N: 715714 Hobbs : 1520.2 Date: 7/27/2021

- 1) Complied with 100 Hour / Annual Inspection using the Cessna 421 M/M Inspection Guide., Dressed minor nicks from blades.
- 2) C/W AD95-24-05R1 by visual inspection for red dye. None noted. due again at Hobbs: 1580.2 hrs.

I certify that this engine has been inspected in accordance with a 100 HR/Annual Inspection and was determined to be in airworthy condition.

Luis Acosta A&

CONDITIONS OF WARRANTY

Page No. _____

DATE _____

- 1.) Includes installation and removal only when originally installed by **Santa Monica Propeller Inc.**
- 2.) This warranty is transferable only if the original work order and log books are transferred with the propeller. NO EXCEPTIONS.
- 3.) This warranty does not include Crankshaft leakage caused by o-rings improperly installed by other than **Santa Monica Propeller Inc.**, damage due to ground strike, excessive blade wear due to continued operation of aircraft on unimproved fields, sludge caused by improper engine lubricants and/or de-ice heater damage due to foreign objects.



THE H COMPANY

6/2/2023 N123SM 421 421-0193 H/M 1576.4 ACTT 6831.5
McCauley 3AF34C92-ND 805924 Propeller TTIS 6831.5 Propeller TTSMOH 1524.7
Right PROPELLER

Complete 100 Hour/Annual inspection in accordance with FAR43 appendix D and Cessna 421 maintenance manual. Inspect propeller blades and hub. Inspect spinner and spinner bulkhead. Paint all blade backs with McCauley grey polane paint. Paint all blade tip stripes with McCauley polane paint. Paint all blade faces with McCauley flat black polane paint All AD's checked thru Biweekly 2023-08. C/W AD 95-24-05 R1: by visual inspection of propeller hub for evidence of red dye. No discrepancies were noted at this time. NOTE: Next due at H/M 1636.4
I certify that I have inspected this engine in accordance with current FAR's and a 100 Hour/Annual inspection and was found to be in airworthy condition at this time and is approved for return to service.

Kenneth Griffith A [REDACTED]

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

SANTA MONICA PROPELLER INC

Santa Monica, CA. 90405-6186

FAA ARS

Telephone

FAX

SERVICEABLE PARTS TAG

CUSTOMER Tommy Cuscraft W.O. NO. 30728 DATE 11/5/93
 MODEL NO. 210594 DESCRIPTION Woodward 501
 SERIAL NO. 1298204C QUANTITY 1

☒ Completely Overhauled ☐ Propeller Disassembled, Cleaned & Inspected ☐ Prop Visually Inspected ☐ New Seals Installed Only ☐ Hub Exchanged w/OHC Unit ☐ Hub Exchanged w/New Unit ☐ Hub Shot peened per S.B. 145 ☐ Hub Checked, Penetrant Inspected, Alodined & Painted...	☒ Steel Parts Magnafuxed & Cadmium Plated ☐ Blades: complied with S.B. 118c & AD 77-12-06 ☐ Blades Edge Trimmed & Painted ☐ Blades Penetrant Insp., Refinished, Alodined & Painted ☐ Angles Corrected ☐ Prop Serviced w/Aeroshell # ☐ Governor RPM Tested & Set ☐ New Blades Installed	☐ New Electric Deice Installed ☐ New Alcohol Deice Installed ☐ Prop Cleaned, Checked, Safetied & Balanced ☐ Prop Assembled, Lubricated, Balanced ☐ Propeller Installed On Aircraft ☐ SB's <u>c/w</u> ☐ AD's <u>c/w</u> ☐ SL's <u>c/w</u>
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REMARKS

SEE REVERSE FOR AUTHORIZATION

SANTA MONICA PROPELLER INC

Santa Monica, CA. 90405-6186

FAA ARS ZY2R362L, Telephone

FAX

SERVICEABLE PARTS TAG

CUSTOMER Kerian Coghlin W.O. NO. 30643 DATE 10/26/93
 MODEL NO. 3AF34C9D-NP/90LFO DESCRIPTION McCaughey prop
 SERIAL NO. 715714/B19663VS, K61749VS, C1251VS QUANTITY 1

☒ Completely Overhauled ☐ Propeller Disassembled, Cleaned & Inspected ☐ Prop Visually Inspected ☐ New Seals Installed Only ☐ Hub Exchanged w/OHC Unit ☐ Hub Exchanged w/New Unit ☐ Hub Shot peened per S.B. 145 ☒ Hub Checked, Penetrant Inspected, Alodined & Painted...	☒ Steel Parts Magnafuxed & Cadmium Plated ☐ Blades: complied with S.B. 118c & AD 77-12-06 ☐ Blades Edge Trimmed & Painted ☐ Blades Penetrant Insp., Refinished, Alodined & Painted ☐ Angles Corrected ☐ Prop Serviced w/Aeroshell # ☐ Governor RPM Tested & Set ☐ New Blades Installed	☐ New Electric Deice Installed ☐ New Alcohol Deice Installed ☐ Prop Cleaned, Checked, Safetied & Balanced ☒ Prop Assembled, Lubricated, Balanced ☐ Propeller Installed On Aircraft ☐ SB's <u>c/w</u> ☐ AD's <u>c/w</u> ☐ SL's <u>c/w</u>
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REMARKS

SEE REVERSE FOR AUTHORIZATION

43
10/24/93
Date

ONS ON REVERSE.

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