

Log #5



AIRFRAME MAINTENANCE RECORDS

Registration No.
Serial No.

N1543G
Cessna 421B
s/n 421B0639



AIRFRAME MAINTENANCE RECORDS

Log No. 5

Aircraft Regis

N1543G

Model

Cessna 421B

Serial No.

s/n 421B0639

Waco Regional Airport • P.O. Box 5219 • Waco, Texas 76708

254/752-8381

FAX 254-752-3307

1-800-445-9713

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N1543G (Aircraft Logs) Cessna 421B s/n 421B0639

Inspected aircraft as required by FAR91.409 per inspection meeting requirements of FAR 43 App. D.

Inspected ELT as required by FAR 91.207(d). Next ELT battery due **July 2006**.

Replaced pilots side heated AC windshield FAA/PMA replacement for 9910214-200 provided by Sierracin Industries #152600-07 s/n 0989. Installed Cessna Service Kit SK421-87B static strips. Replaced Copilots acrylic windshield with new Cessna part #5111604-202

Reinstalled OVH Flight Director Gyro #504-0001-922 s/n 612 returned to service by Metro Aircraft Instruments Inc. (CRS#JY2R943K) W.O. # 94351/4989

Installed new aircraft battery Gill G246.

Rerigged aileron cable and flap cable tensions. Rerigged aileron trim, elevator, elevator trim travels. Replaced left outboard flap bellcrank attach bushing. Replaced left flap inner bellcrank assy with new part #5025005-17.

Replaced various loose and working rivets, and hardware. Replaced left nacelle to fuselage pressure ducts. Replaced aft cabin pressure drain seal.

Replaced left nacelle tank bladder with new FAA/PMA unit #9910027AT-1 by Aero Tech Services. Replaced right tip tank fuel drain valve with new FAA/PMA F75.

Replaced right side aux tank fuel sending unit gaskets. Installed proper clamp on aux tank fuel nipple. Replaced right tip tank internal nut plates and resealed as required.

Installed OVH right side fuel signal conditioner #9910082-2 s/n C6652 returned to service by Tech-Aire Instruments, Inc CRS#OQ2R066L W.O. 72765 Reset empty and full settings.

Replaced right side A/C expansion valve and service system.

Replaced several diodes on starter relay and avionics relay. Replaced battery box seal.

Repaired horizontal stabilizer front spar by replacement of rivets and added plates per **Cessna Service Letter ME75-22** (See 337 form this date)

Reinstalled horizontal stab, rudder, rudder trim, and elevators and elevator trims and rerigged controls. Installed proper elevator trim attach nut assembly. Replaced tail deice feed line.

Replaced right side throttle cable with FAA/PMA RAM unit #1220-54.

CW Cessna MEB76-2 Main landing gear side brace rib reinforcement by installation of SK414-8E. (See 337 form this date) Installed nose gear drive tube in proper direction. Replaced left outboard gear door hinge. Tightened and reshimmied and replaced bolts in left and right torque link bushings. Replaced left and right side brake disc #RA164-20306 new brake shims 068-02800 and all new linings. Replaced gear door seals as required. Replaced left torque tube bearing #MS24461-5

Cessna CAP32-10-02 (400 series) by replacing main landing gear lock link pivot bolts.

Rerigged and lubricated entire landing gear per Cessna 421B maintenance Manual.

CW Cessna SB MEB89-3R1 Crew Seat Back Reinforcing Strap Installation

CW Cessna SB MEB87-4 Window Retainers by installation of cabin window retainers on Emergency exit and upper cabin door.

CW Cessna SB MEB00-3 Forward and Aft Facing Seat Identification (installed placards)

CW Cessna SB MEB00-5A (Airborne Technical Service Instruction #39) by replacement of vacuum shuttle valve with new 1H5-9 s/n 10AT.

CW AD2000-01-16 Effective Date Feb 15, 2000 (Supersedes AD75-23-08R5) Exhaust system inspection.

CW Para (b) exhaust visual inspection Replaced left and right turbo overboard clamp #NH1000897-50 Replaced left and right exhaust inlet clamp #2268-62-230. Replaced right inboard exhaust elbow support clamp #2274-30. Replaced right engine outboard intermediate riser #K9910379-18. Replaced right engine overboard support clamp. (Inspection Due again in 50 hr.)

CW para (c) tailpipe inspection. Right/left tailpipe replaced with new K5155156-3 and -4 (Inspection due In 5 years)

CW para (d) visual inspection of beams, firewalls and canted bulkheads. (Due again in 500 hr.)

CW para (e) Pressure test exhaust system. No damage found (Due again in 12 calendar months)

CW para (f) Multi-segment clamp by replacement of left and right wastegate inlet clamps #4256AB200 (Due again in 500 hr)

Para (g) Exhaust OVH due at next engine change

CW AD72-14-08 R1 Effective Date 07/14/72 Flexible hose assemblies. Hoses changed at engine change meeting TSO C53a. Per SAIB #CE-03-41 no further inspection is required..

AD84-26-02 Effective Date - 01/29/85 Paper induction air filters CW by replacement of left/right engine filter at 7/04 @ 629.7 due again in (500)

RAM Aircraft Corp. MT-2 9/15/95 Air Filter change each 300 hr. or 12 months.

AD 2004-25-16 eff. 1/5/2005 Kelly Aerospace fuel Regulator shut off valve inspection NA part not installed.

AD77-09-02 eff. 5/9/77 windshield inspection. PCW 4/11/77 per ME77-5.

DATE 5/10/2005

HOBBS 637.2

AIRCRAFT TOTAL TIME 2349.6

"I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."

ANTHONY R. SAXTON

AP270560767IA

Anthony R. Saxton



N1543G (Aircraft Logs) Cessna 421B s/n 421B0639

Pilot reported H.S.I. and RMI heading information inoperative.

Checked system and found no interference with other systems.

Deactivated and placard system "Heading Inoperative NO IFR FLIGHT" as per FAR91.213 para (d)

DATE 5/11/2005

HOBBS 639.0

AIRCRAFT TOTAL TIME 2351.4

ANTHONY R. SAXTON

AP270560767IA

Anthony R. Saxton

SUB-TOTALS this page

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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
10/26/05	2377.9		665.5	REPLACED AVIONICS BUS BREAKER TO COMPLY WITH AD 05-20-25 REPLACED FUEL TRANSFER PRESSURE SWITCH WITH P/N 9910287-8 S/N 1130 TESTED & OPS. CHECK GOOD. V.L. Mosher A/P489485105 F/A
12/16/05			681.8	REMOVED OLD SPOILER SYSTEM AND REPLACE WITH UPGRADE KIT. TESTED FOR OPERATION & LEAKS FOR FURTHER DETAILS SEE 337 IN LOG BOOKS V.L. Mosher A/P489485105 F/A
Feb. 14, 2006				N1543G
Removed flight controls from aircraft. Chemical strip entire aircraft to bare metal. Etch, prime and paint with polyurethane enamel. White – U1528 (Sterling), Dk Green – GS076K (Chroma Base), Lime Green – YS527K (Croma Base) and Clear – 7500S (Chroma Clear) Balance checked flight controls I/A/W Cessna Maintenance Manual, Figure 16-9. Reinstalled flight controls.-----				-----END-----
David J. Hall				David J. Hall A2074044
SUB-TOTALS this page				TOTALS—Carry forward to next page


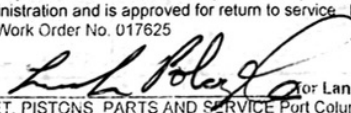
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
4/19/06				REMOVED OXYGEN BOTTLE FROM AIRCRAFT HAD HYDROSTATIC TEST PERFORMED AND REINSTALLED BACK IN AIRCRAFT. J.L. Markin A/P 489485105 I/A
4/27/06	Hrs: 695.6			Flight tested King KLN 94 GPS for IFR. For further details see FAA Form 337 dated 4/27/06. TRM AVIONICS LOGISTICS FAA REPAIR STATION #T56R494Y Signature <u>[Signature]</u> Date <u>4/27/06</u>
7/1/06	Hrs: 697.7			REMOVED ALL PANELS FOR ANNUAL INSPECTION LUBRICATED ALL FLIGHT CONTROLS - CABLES & PULLEYS REPLACED TAIL BEACON LAMP. CLEANED ALL FUEL STRAINERS. REPLACED E.L.T. BATT. DUE JULY 2008 (BP-1020) SERVICED HYDRAULIC SYSTEM. CHECKED BRAKES PERFORMED GEAR RETRACTION TEST CHECKED GOOD. LUBRICATED ALL GEAR COMPONENTS. ALL AD' THRU 2006-13 C/W. J.L. Markin A/P 489485105 I/A This AIRCRAFT was inspected in accordance with an <u>ANNUAL</u> inspection and is in airworthy condition. J.L. Markin A/P 489485105 I/A
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

THIS ELT EQUIPPED WITH ALKA-
LINE BATTERY PACK P/N BP-1020

REPLACE BY

MERL INC. 1777 N. Colony Rd. P.O. Box 188 Meriden, CT 06450
WARNING: DO NOT DISCARD BATTERY IN HEAT OR FIRE

JUL 08

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			
7/3/06				INSTALLED MARKER BEACON ANT. & RADAR ALT. ANT. V.F. Moshier A/P 489485105 F/A			
2/15/07			720.0	INSTALLED NEW B-246 BATTERY IN A/C S/N G 02302539. V.F. Moshier A/P 489485105			
2/15/07			720.0	INSTALLED NEW CHMLAC FASTNERS IN BATTERY COMPARTMENT COVER V.F. Moshier A/P 489485105			
 LANE AVIATION		AIRCRAFT LOG REGISTRATION: N1543G HOBBS: 730.9 DATE: 5/15/2007					
		Work Performed: Repaired freon leak at high pressure servicing port. Serviced air-conditioning system with 2.5 lbs of R12. Ops checks good. Pressurized aircraft cabin using ground pressurization cart to identify leaks and then made the following repairs. Adjusted cable to allow full closing of ram air valve. Replaced co-pilot heat duct. Replaced pilot side defrost duct. Replaced left and right main landing gear push rod boots. Replaced rudder cable seals at aft pressure bulkhead. Applied sealant to avionics wire bundles at forward pressure bulkhead.					
RETURNED TO SERVICE The aircraft and/or component listed above was repaired & inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under Work Order No. 017625							
Signature  or Lane Aviation Corporation RS# DYCR407D JET, PISTONS PARTS AND SERVICE Port Columbus International (CMH) Local: 614-237-3747 Ohio: (800) 282-6417 USA: (800) 848-6263 Fax: 614-238-0049							
				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
			730.9	TOTALS brought forward from previous page
8/22/07	2454 hrs		741.6	INSPECTED AIRCRAFT AS REQUIRED BY FAR 91.409. PER INSPECTION MEETING REQUIREMENTS OF FAR 43 App. D, USING CESSNA 441 B CHECKLIST. INSPECTED ELT AS REQUIRED BY FAR 91.207 (D) NEXT ELT BATTERY DUE JULY 08. REPLACED ROTATING BEACON ^{PN#} 40-0129-7. REPLACED TAIL NAV LIGHT BULB P# 34-0070391-01. REPLACED ALL FUEL CAP O RINGS P# MS29513-232. REPLACED A/C HYDRAULIC LINE P# 5100108-31. REPLACED VACUUM PUMP FILTER P# AM103535IA. REPLACED VAC REGULATOR FILTER P# B3-5-1. REPLACED LH TIP TANK FUEL DRAIN VALVE P# 79CI. REPLACE DEICE FILTER HOUSING SEALS IN BOTH FILTERS P# H9FF06 *MS28775-232. REPLACED BATTERY MASTER DIODE P# 1N1201. REPLACED BAGGAGE COMPARTMENT MOULDING ON BOTH BAGGAGE DOORS. REPLACED EVAP DUCTING ON BOTH EVAPS P# CM2666T12. REPLACED BRAKE ROTORS P# RA164-20306. REPLACED BOTH CALIPER ASSEMBLY'S P# 091-08000. REPLACED BOTH CALIPER TORQUE PLATES P# 075-01902. REPLACED BOTH BRAKE LINES P# 350-4-0474, BLEED BRAKES FILL MASTER CYLINDERS. LUBRICATED ALL PULLEYS-ETC. AD 00-01-16 C/W PARA (B) BY INSPECTION, DUE AGAIN IN (50 hr). PARA (C) DUE 5/10/10. PARA (D)(F) DUE 2849.6 ATT. PARA (E) C/W BY PRESSURE TESTING, NO DAMAGE FOUND, DUE AGAIN IN 12 CALENDAR MONTHS. PARA (G) DUE AT OVERHAUL.
	2454 hrs		741.6	SUB-TOTALS this page CONTINUED Next Page Robert Bolo AP 2961799
	2454 hrs		741.6	TOTALS—Carry forward to next page

		741.6

op ~~B~~ Feathering Accumulators
engines. New weight And Balance
us. New Moment: 794407.08,
weight: 5085.82, New CG 156.2
load: 2364.18. — END —
Robert Bolo A/P 2961799



AIRFRAME
N1543G <> Cessna 421B <> S/N: 421B0639

1. Serviced Air Condition System with R12 Freon I.A.W. Cessna 421B M.M.

Date: 7-15-10 Hobbs: 846.9 W/O No: 40-06523

The maintenance operations described above were inspected I.A.W. current Federal Aviation Regulations, and with respect to the work performed the aircraft and or component is approved for return to service for discrepant items above. Details are on file at this agency under the above work order.

Signed: Jeffrey D. Williams *Jeffrey D. Williams* For,

WINNER AVIATION CORPORATION, CRS# W6NR985J

AIRFRAME
N1543G <> Cessna 421B <> S/N: 421B0639

1. Installed New Air Condition Hydraulic Motor, P/N: 21303-RAA.
2. Installed New Air Condition Compressor, P/N: 83903, S/N: 1444705080.
3. Repaired Broken Wire at Condenser Temp Switch.
4. Serviced Air Condition System with R12 Freon.

All Work Performed, Tested and Leak Checked I.A.W. Cessna 421B M.M.

Date: 7-23-10 Hobbs: 848.9 W/O No: 40-06532

The maintenance operations described above were inspected I.A.W. current Federal Aviation Regulations, and with respect to the work performed the aircraft and or component is approved for return to service for discrepant items above. Details are on file at this agency under the above work order.

Signed: Jeffrey D. Williams *Jeffrey D. Williams* For,

WINNER AVIATION CORPORATION, CRS# W6NR985J

Aircraft Maintenance Service LLC
3430 Old Columbus Rd.
Carroll, Ohio 43112
740-808-0651 N1543G

Date: 7/01/2011 Hobbs: 0859 TTAf: 2571 Heater Hobbs: 2.2

Completed inspection using FAR 43 Appendix d and Aircraft Maintenance Service checklists as a guide. Removed all inspection access panels. Inspected all cables, push rods, pulleys, fuel, oil, vacuum, and hydraulic lines. Lubed aircraft I/A/W Cessna 421B Service Manual. Inspected wing, tail and fuselage group. Checked all controls. Inspected wheels, tires and brakes. Checked all fluids and hoses. Checked all lighting, pitot heat, and electrical system. Charged aircraft battery. Serviced hydraulic brake reservoir. Serviced all strut to spec with nitrogen. Performed three normal and three emergency gear cycles. All retractions and extensions performed normally. Replaced ELT battery p/n BP-1020. Checked ELT I/A/W FAR 91.207 d. Battery due next 3/2013. Performed cabin Heater decay test. All heater tests were satisfactory. Replaced p/n 5050156-4 exhaust support, with new hardware left and right nacell. Replaced bracket p/n 5050156-2 left and right side. Tightened all high pressure rail lines to fuel injectors on left and right side. Adjusted right engine alternate air door to close fully. Replaced the following: Central vacuum filters p/n AM103535TA and regulator filter B3-5-1. Engine air filter p/n P-10-8421 left and right. All AD's have been checked for compliance through 2011-12. See permanent airworthiness directive compliance records dated 2/14/2011.

M. O'Conner
 "I certify this aircraft has been inspected in accordance with an ANNUAL inspection and was found to be in airworthy condition."

Michael E. OConner AP 3090806 IA

AD 84-2602

DATE

AIRCRAFT MAINTENANCE SERVICE LLC
3430 Old Columbus Rd. HANGAR " J "
Carroll, Ohio 43112
740-808-0651 N1543G

G WORK

Date: 7/12/2011 Hobbs: 0859 TTAF: 2571

Weighted this aircraft with full fuel on this date. See Aircraft Weigh
Work Sheet form dated 7/12/2011. New weight and balance calculated on
this date. See Aircraft Weight and Balance Revision form dated
7/12/2011.

New EW 5438
New EW CG 154.69
New EW Moment 841216.00
New Usefull Load 2012.00

M. O'Connor
Michael E. OConner AP 3090806 IA

7-12-2011 N1543G TT 859 SN 421B0639

THE FOLLOWING EQUIPMENT WAS REMOVED: 1 BENDIX/KING KMA-24, 1 EA KLN-90,
1 EA KY-196A, 1 EA KVS-81, 1 EA KNL64, 1 EA KMD 540, 1 EA IN 830A, 1 EA CT 502A,
1 EA RS08, 1 EA KI-229, 1 EA TG 830B, 1 EA KDR-510, 1 EA JVS1, 1 EA STEREO RECEIVER
1 EA STEREO CABINET, 1 EA KA 39, 1 EA KA 92.

THE FOLLOWING EQUIPMENT WAS INSTALLED:

1 EA GARMIN G 600 INTEGRATED FLIGHT DECK SYSTEM IAW STC # SA02153LA-D
SYSTEM CONSISTS OF: 1 EA GDU 620 PFD, 1 EA GRS 77 AHRS, 1 EA GDC 74A ADC,
1 EA GMD 44 MAGNETOMETER AND 1 EA GTP 59 TEMP. PROBE.

1 EA GARMIN G MX 200 MFD IAW STC # SA01692SE.

1 EA GARMIN G NS-530W COM/HAF/GPS/WAAS IAW STC # SA01933LA-D

1 EA GARMIN G DL 69A XM WEATHER RECEIVER IAW STC # SA01487SE-D

1 EA GARMIN GA-35 GPS/WAAS ANTENNA IAW STC # SA2018SE-D

1 EA GARMIN GA 55 XM ANTENNA IAW STC # SA01487SE-D AND WITH DER DATA VIA
DERT-230242-CE

1 EA GARMIN GTX 327 TRANSPONDER AND GMA 340 AUDIO PANEL. FOR FURTHER DETAILS
SEE FAA FORM 337's DATED 7-12-2011

AIRCRAFT WEIGHED 7-12-2011

NEW WT- 5438, NEW MOM- 841216.00

NEW CG- 154.69, NEW WL 2012.00

TRM AVIONICS LOGISTICS

FAA REPAIR STATION #T50RA94Y

Signature *Robert E. Schaff*

Date 7-12-2011

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N1543G (Aircraft Logs)
Cessna 421B s/n 421B0639

Inspected aircraft as required by FAR91.409 (a) (1) per inspection checklist meeting requirements of FAR 43.15 (2)(c) and FAR 43 App. D. Performed post operational checks per FAR43.15 (c) Inspected ELT as required by FAR 91.207(d) Replaced ELT battery next **battery due March 2013**. Reinstalled left/right engine fire bottles #30111102 following Hydrostatic per 49 CFR 180 /sqib replacement (next due in 5 yr.)

Left: s/n 00965A1 Ameron Global (CRS#OVVR461N) w.o. # 264621

Right: s/n R1147 Ameron Global (CRS#OVVR461N) w.o. # 264545.

Reinstalled Oxygen bottle (3AA-1800 s/n 8386P) following Hydrostatic test per DOT 49CFR 180.205 by Turboprop east (DOT C945) w.o. # HYD1247 (next due in 5 years.)

Replaced vacuum relief valve filters. Replaced fuel cap Orings. Replaced Orings in left/right aux tank drain. Resealed left fuel bowl with new Orings. Replaced deice surface bulb #GE1385.

Installed proper seat stops in passenger seats.

CW Cessna SB MEB00-4 Rudder Hinge Bearing Inspection/Replacement.

Found lower bearing bracket installed upside down. Reinstalled in correct orientation per SB. Reinstalled rudder/rudder trim and checked travels and cable tensions.

Shimmed left aileron rod end. Re-rigged aileron trim, elevator travel to specs. Reset flap up limit switch. Reset nose steering cables tensions to specs.

Installed missing elevator trim placard.

Replaced short heater plenum duct with new CM3211-18A22.0

Repaired leaking A/C Hydraulic drain valve.

Properly installed copilot seat pedestal attach screws with nuts.

Installed missing nose gear door spring bushing #NAS43HT-8. Replaced missing fume proofing as required.

Rerigged, lube & check emergency operation of entire landing gear system per Cessna 421B Maintenance Manual.

CW AD2000-01-16 Effective Date Feb 15, 2000 (Supersedes AD75-23-08R5) Exhaust system inspection.

CW Para (b) exhaust visual. Replaced left engine front crossover #K9910379-15 s/n 214034 FAA/PMA Knisley new. Replaced left engine riser assy. with new K5155156-205 s/n 209763 Knisley FAA/PMA. Re-tensioned slip joint springs as required.

(Next insp. due in 50 hr.)

CW para (c) tailpipe off aircraft inspection (left/right engine). Replaced right side support bracket #5155186-1 (Due again in 12 months.)

CW para (e) Pressure test exhaust system. No damage found (Due again in 12 calendar months)

DATE 8/28/2012

HOBBS 895.4

AIRCRAFT TOTAL TIME 2607.8

"I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."

Stephen Fortner AP2797703IA

[Signature]

Aircraft Maintenance Service LLC

3430 Old Columbus Rd.

Carroll, Ohio 43112

740-808-0651 AMS412009@live.com

N1543G

Date: 9/18/2013 Hobbs: 907.2 TTAf: 2619.2

Completed inspection using FAR 43 Appendix d and Aircraft Maintenance Service checklists as a guide. Removed all inspection access panels. Inspected all cables, push rods, pulleys, fuel, oil, vacuum, and hydraulic lines. Serviced aircraft I/A/W Cessna 421 Maintenance Manual. Inspected wing, tail and fuselage group. Checked all controls. Inspected wheels, tires and brakes. Checked all fluids and hoses. Replaced rotating beacon p/n 40-0129-7 with overhauled unit s/n 11250. See form 337 dated Oct/08/2012. Replaced left fuel signal conditioner p/n 9910082-2 s/n C5374. See form 337 dated Jul 30, 2013. Replaced vacuum filter p/n AM103535 IA and B3-5-1. Checked all lighting, pitot heat, stall warning and electrical system. Serviced brake system reservoir. Serviced and charged aircraft battery. Performed three normal and two emergency gear cycles. Gear performed normally. Installed new BP1020 ELT abttery. Checked ELT per FAR91.207 d. Battery due next 11/2015. AD's have been checked for compliance through 2013-18. See permanent updated airworthiness directive compliance records dated 9/13/2013.

"I certify this aircraft has been inspected in accordance with an ANNUAL inspection and was found to be in airworthy condition."

Michael E. OConner AP 3090806 IA

[Signature]

TOTALS—Carry forward to next page

AIRCRAFT MAINTENANCE SERVICE LLC
3430 Old Columbus Rd. HANGAR "J"
Carroll, Ohio 43112 740-808-0651

Date: 9/05/2013

I certify I have inspected aircraft N1543G Model 421B s/n 421B0639 and have found it to be in airworthy condition for a one time flight per the Special Flight Permit dated 09/03/2013. A copy of the permit was placed in the cockpit in view of the pilot.

Michael E. OConner AP 3090806 IA *M. OConner*

10/2/13

Holds: 907.6

Removed GDC 74A and replaced w/ factory OH GDC 74A
 S/N 200610667 IAW GDC 74A maintenance manual.

I certify that the automatic pressure altitude reporting system has been tested as required by FAR 91.411 IAW FAR 43, Appendix E, para (C).

Date: 10/2/13
 LH GDC 74A RH ENC Altimeter
 Signature: *[Signature]*
 TRM AVIONICS LOGISTICS #T56R494Y

I Certify That The Altimeter And Static System Tests Required by FAR Part 91.411 Have Been Performed.

Static System Test Date: 10/2/13
 Altimeter Tested To: 25K
 LH S/N 4041107 Date: 10/2/13
 RH S/N B2940A Date: 10/2/13
 GDC S/N 200610667 Date: 10/2/13
 Signature: *[Signature]*
 TRM AVIONICS LOGISTICS #T56R494Y

I certify that the ATC transponder test and inspection required by FAR Part 91.418 were performed this date and found to comply with FAR 43, Appendix F.

#1 Make GARMIN Model 4300
 #2 Make Garmin Model 4300

Date and date of the inspection are on file at this station 10/2/13
 Signature: *[Signature]*
 TRM AVIONICS LOGISTICS #T56R494Y

10/2/13

907.6

Upgraded 6600 Software to 6.11
 I.A.W. Garmin SB # 1229 Rev B. A New
 FMS was placed on Aircraft p/n 190-00601-01
 Rev H - All tests ok
 TRM AVIONICS LOGISTICS
 FAA REPAIR STATION #T56R494Y
 Signature: *[Signature]*
 Date: 10-2-13

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9/22/14		Hobbs: 924.7		TOTALS brought forward from previous page
		Removed A/P computer and sent for repair. Reinstalled computer P/N 41120-1025. All ground checks OK.		
		TRM AVIONICS LOGISTICS		
		FAA REPAIR STATION #T56R494Y		
		Signature <u>[Signature]</u>		
		Date <u>9/22/14</u>		

Aircraft Maintenance Service LLC

3430 Old Columbus Rd

Hangar R2

Carroll, Ohio 43112

10/24/2014

N1543G

HOBBS: 925.1 TTAF: 2637.1

HEATER HOBBS: 6.0

Performed annual inspection I/A/W FAR 43 Appendix D and Aircraft Maintenance Service check lists. Opened all inspection panels. Inspected all fuel, oil and hydraulic lines. Inspected all electrical wiring and connections. Checked all lighting and strobes. Inspected all control cables, pulleys, hinges and push-pull rods. Inspected all control surfaces and airframe structures. Checked wheels, tires and brake system. Replaced left and right MLG tires with new Goodyear Flight Special II 6.50X10 8ply tires and new Michelin Airstop inner tubes. Serviced brake and wing spoiler reservoirs. Replaced all fuel cap seals with MS29513-232 orings. Replaced central vacuum filter with new p/n AM1035351A and regulator filters p/n B3-5-1. Replaced left engine exhaust pipe bracket p/n 5155186-1. Removed battery box, cleaned and painted. Serviced and charged aircraft battery. Replaced plastic tyrops on fuel pump blast tubes with hose clamps. Replaced two missing passenger seat stops with p/n 5011050-2. Performed three normal and three emergency gear cycles. All performed normally. Checked retract gear system. Serviced gear struts to specification. Checked ELT I/A/W 14 CFR 91.207d. ELT battery due next 11/01/2015. Lubed and greased aircraft I/A/W Cessna 421 Service Manual. All AD's have been checked for compliance through 2014-20. See SAFM for AD 14-03-03. See permanent updated AD records dated 10/24/2014.

I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition.
Michael E. OConner AP3090806 IA M. O Conner

11/04/2014

Aircraft Maintenance Service LLC

3430 Old Columbus Rd

Hangar R2

Carroll, Ohio 43112

N1543G

Hobbs: 925.1

Replaced NLG down micro switch p/n 2VB1. Work performed I/A/W Cessna 421 Service Manual.
Performed three normal and three emergency gear cycles. All performed normally.

Michael E. OConner AP3090806 IA M. O Conner

SUB-TOTALS this page

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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
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N1543G (Aircraft Logs)
Cessna 421B s/n 421B0639

Inspected aircraft as required by FAR91.409 (a) (1) per inspection checklist meeting requirements of FAR 43.15 (c)(2) and FAR 43 App. D. Performed post inspection operational checks per FAR43.15 (c).
Inspected and tested ELT as required by FAR 91.207(d) Replaced ELT battery **ELT Battery next due April 2018.**
Repaired various Static Leaks in system Replaced Copilots Altimeter with OVH certified unit Kollsman AN5760 s/n 6819 returned to service by Consolidated Instrument and Avionics CRS# QS2R120L w.o. # 7470 (see pitot/static leak check and altitude correspondence check following).
Replaced left and right lower nose mounted transponder antennas and installed new Comant CI-105 same as removed to existing doublers. Routed and installed new RG-142 antenna coaxial cable from antennas to existing transponders.
Removed from aircraft Optional Equipment nose gear fender installation #5042021-1. Aircraft reweighed as required (-1 lb @51.2") See reweigh this date.

NOTE:

Aircraft interior (seats (except pilot seat) , cabinets, cabin dividers, tray tables, floor carpets, side panels, and headliner removed and sent to interior shop. Center radio racks panel removed and sent to avionics shop. Placarded removed equipment this date " as per FAR91.213 para (d) and reweighed in this condition to establish weight and balance . It is reinstalling agencies responsibility to document reinstallation, verify proper operation, and establish new weight and balance for reinstalled equipment.

Installed Johnson Aviation Products Collision Avoidance Lights in left/right engine nacelle per Johnson Aviation drawing list dated 9/16/80 except for bulbs (GE4594) Installed Whelen "Parnetheus" FAA/PMA #PAR-36 PLED2L, (.6 amps each) LED bulbs in above Collision Avoidance light in lieu of none used GE4594. All wiring accomplished utilizing various techniques per AC43.13-1B dated September 8, 1998 Chapter 11 "Aircraft Electrical Systems" section 8 "Wiring Installation Inspection Requirements" pages 11-43 through 11-50. Changed equipment list and reweighed aircraft as required. Installation is approved for this aircraft by **Johnson Aviation Products STC# SA4222SW.** (see 337 form this date for details)

Installed two (2) new Klaxon #7277-5-5 breakers on existing avionics buss and connected to lengths of M27500/22TG3T14 wire and routed to appropriate locations for the purpose of future installation of USB power outlets.

Installed in left wing locker light wire a Klaxon 7277-5 pullable circuit breaker and connected fused pigtail for a battery trickle charger inline with wire. Replaced existing taxi light bulb with new FAA/PMA Whelen LED bulb in same location.

CW Cessna MEB79-37 Upper Cabin Door hyd. Extender, Service Kit SK421-96C

CW Cessna CAP #38-10-01 400 series Continued Airworthiness Program Oxygen System Supply Lines (Cabin Section) Inspection.

(Due next in 5,000 hr.)

Cleaned area in left flap well and spoiler stiffeners of surface corrosion painted, and corrosion treated.

Replaced left/right vacuum relief valve filters RAB3-5-1. Patch repaired various deice boots.

Replaced fuel cap periphery Orings. Replaced fuel sump drain with new 50C9C

Replaced right side pressurization feed hose with new CM3211-10B9.5

Replaced right side alternator out sensor #9910094-3. Installed new prop sycrophaser box #1719-3 s/n 3624.

Replaced loose working rivets in right engine oil filter adapter bracket.

Removed elevator trim actuator and repaired with new end bearing, reassembled and lubed (Dow33) reinstalled and reset elevator trim travels. Replaced elevator trim tab drive rod horn attach screws #MS35206-256.

Reset aileron travel to specs. Rerigged elevator trim cable tensions. To specs.

Rerigged flap safety switch position. Removed rudder, rudder trim, and horizontal stabilizer to access disconnected horizontal stabizer deice boot feed lines. Replaced lines from boot nipples to inside tail and reinstalled stabilizer, torqued attach bolts, Reinstalled and rerigged rudder and rudder trim travels and cable tensions, Reset elevator and elevator trim travels and cable tensions. System checked deice boot operation.

Disassembled left and right MLG struts cleaned and resealed with new lower ring pack piston #0841212-1, poly pack seals A2749 and Orings. Reassembled and serviced struts.

CW Cessna MEB83-37 Main Landing Gear Scissors Washer Replacement. (SK421-118) and FAA SAIB CE-14-19 dated 5/30/2014 by washer and bolt replacement left/right side. .

Re-rigged landing gear travels, positions, tensions, lubricated & checked emergency gear extensions per Cessna 421B Maintenance Manual.

CW AD2000-01-16 Effective Date Feb 15, 2000 (Supersedes AD75-23-08R5) Exhaust system inspection.

CW Para (b) exhaust visual inspection. Replaced left engine inboard support clamp #2268-62-230. Retensioned exhaust slip joint springs as necessary. Fabricated and installed new right side exhaust outboard heat shield cover from 304SS-.018 same as original. (Inspection due again in 50 hr.) LEFT and RIGHT engine

CW para (c) tailpipe inspection. Left/Right due again in 12 months(**Feb 2017**)

CW para (d) engine beam/canted bulkhead inspection by visual. (due each **500 hr. at hobbys 1436.5**)

CW para (e) Pressure test exhaust system. No damage found (Due again in 12 calendar months **Feb 2017**)

CW para (f) Multi-segment clamp PCW by replacement 5/10/05 @ Hobbs 637.2 (Due again in 500 hr at 1137.2)

CW para (g) Exhaust OVH Initial Due each 2500 hr. TT and then at next engine OVH that occurs.

CW AD84-26-02 Effective Date - 01/29/85 Paper induction air filters CW by replacement of left/right engine filter due again in (500 hr.)

RAM Aircraft Corp. MT-2 9/15/95 Air Filter change each 300 hr. or 12 months.

DATE 2/19/2016 HOBBS 936.5 AIRCRAFT TOTAL TIME 2548.9 Heater Hobbs 8.3
"I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."

Anthony R. Saxton AP32537461A *[Signature]*

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GREAT LAKES AVIATION & RADIO ~ 2GLR662B
 A/C N1543G Dual ☐ Date 2-22-2016
 ATC Transponder checked i/a/w 14CFR: 91.413 & 43F
 Encoder ckd to 35,000 ft i/a/w 14CFR:91.411 & 43E(c)
 Static system checked i/a/w 14CFR 91-411 part 43 ☒
 Work Order 316
 By: Alma J. McLean 2GLR662B

REPAIR STATION 2GLR662B
**Altimeter Scale Error
 Correction Card**

TEST PT(FT)	Indicator Reading at +25c	TEST	Indicator Reading at +25c
-1,000	+10	30,000	-25
0	+10	35,000	-20
500	+10	40,000	
1,000	0	45,000	
1,500	-10	50,000	
2,000	-10	55,000	
3,000	-10	60,000	
4,000	-20	70,000	
6,000	-25	80,000	
8,000	-20		
10,000	-20		
12,000	-25		
14,000	-20		
16,000	-20		
18,000	-40		
20,000	-40		
22,000	-40		
25,000	-20		

Altimeter Position
 Pilot ☒
 Copilot ☐

ALT. S/N 4041107
 DATE 2-22-2016

DOC# ECC123

Altimeter Correction
 Consolidated Instr
 Encoder Within: Actual Altitude
 Up Down

6000 7480
 8000 9980
 10000 11970
 12000 13970
 14000 15970

Calibrated in accordance with FAR 43
 Mechanic [Signature]
CIC
2514901

Leak: 1 Ft/min @ 18"
 W.P. 5065

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AVIONICS LOG BOOK ENTRY

N 1543G **TIME** 2548.4 Total Time **DATE** 3-15-2016

This facility removed a King KT-76A Transponder, SN: 76754 and installed a Garmin GTX-345 ES, Mode 'S' Transponder with ADS-B out, SN: 3EG000575. The GTX-345 Transponder was installed in accordance with manufacturer's installation manual; PN: 190-00734-10, Revision 5, dated February 1, 2016. The installation was done as per STC # SA01714WI. The above mentioned system was ramp checked in accordance with manufacturer's installation manual and was found to operate within manufacturer's performance specifications. The installation was tested as per FAR 43, APP. E(c), E(a), and APP. F and was done to comply with FAR 91.413. Weight and balance data was updated to reflect this change. Updated software in previously installed GNS530W and GMX200 systems. Replaced

*** Page 1 of 2***

Aircraft and/or components above were repaired and inspected in accordance with current federal aviation regulations, and were found airworthy for return to service.

Signature: [Signature] Work Order: 4533

Premier Avionics, LLC 11007 W. Perimeter Road • Fort Wayne, IN 46809 • Tel: 888-496-8101 • Fax: 260-747-3540 • CRS: 7PMR634B

AVIONICS LOG BOOK ENTRY

N 1543G **TIME** 2548.4 Total Time **DATE** 3-15-2016

existing G600 Datacard to support software upgrade to the system. Software upgraded were done as per Garmin STC's and provided customer with Flight Manual Supplement and STC/AML documentation to support this project.

*** Page 2 of 2***

Aircraft and/or components above were repaired and inspected in accordance with current federal aviation regulations, and were found airworthy for return to service.

Signature: LLM Work Order: 4533

Premier Avionics, LLC 11007 W. Perimeter Road • Fort Wayne, IN 46809 • Tel: 888-496-8101 • Fax: 260-747-3540 • CRS: 7PMR634B

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Log Book Entry


Make Cessna	Model 421B	Tail # N1543G	Serial # 421B0639	Aircraft Total Time: Hrs.: 936.5
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Removed pilot and co-pilot seats and stripped existing covering and foam. Painted seat bases, re-foamed seats, recovered with Wollsford Ambassador Natural leather and Aircraft Sheepskins Walnut CSC007 sheepskins and re-installed. Removed passenger seats and stripped existing covering and foam. Re-foamed seats, painted seat frame shrouds and recovered with Wollsford Ambassador Natural leather and re-installed. Reupholstered lav seat bottom and back with Wollsford Natural leather. Seat belts were re-webbed by Aviation Safety Products. Removed existing carpet and installed AIP Guardian Taranaki carpet, surging where necessary. Refurbished cockpit lower side panels and window panels, armrests, and covered lower side panel with carpet and leather. Replaced and painted broken armrest/AC duct plastic and painted cockpit window plastic. Refurbished three push/pull back instrument panel knobs. Refinished fuel selector knobs, placards and surrounds as necessary. Painted one side of rudder lock on cockpit floor with wing walk paint. Fabricated and installed lava privacy curtain and cockpit curtain with Brentano Govern Haystacks 7704-4 fabric. Removed, stripped and recovered cabin lower side panels with new foam, Wellsford Natural, leather, Wellsford Musk leather, and carpet and re-installed. Installed wood trim strip above armrest panels. Removed glare shield and recovered with AIP Black Neither leather. Installed LP Aero inner window panes. Removed window panels and stripped existing covering and foam; re-foamed, recovered with Tapis Contour Ivory ultra leather and re-installed. Removed existing covering from headliner and recovered with Tapis ULFR3700 Ivory ultra leather. Recovered the back bulkhead panel with new foam and Wellsford Musk leather and painted trim to match. Refurbished air stairs, painted plastic parts, installed carpet and replaced step tread. Repaired and painted A/C plastic vents. Installed carpet in front section of nose baggage area and replaced aft section with Tapis 0215 Hazelnut FR grasping. Installed new carpet and Tapis 0215 Hazelnut grasping in wing lockers. Stripped the laminate from all the wood cabinetry and re-veneered with Walnut Burl. Installed two USB charging ports P/N 6430102-1 according to 14CFR Part 43, Certified TSO-C71, complies with RTCA DO-160. Installed customer provided decals on the outside of the aircraft.

All materials have been tested and comply with FAR23.853. 8110-3's is on file at this repair station. The aircraft, airframe, interior or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and determined to be in air worthy condition and is approved for return to service. Pertinent details of the repair are on file at the repair station under:

Work Order #121415-1

Date APRIL 12, 2016

Signature 

MJ Aircraft Inc.
Repair Station # JH5R962M
262 Airport Rd.
Anderson, IN 46017



N1543G (Aircraft Logs)

Cessna 421B s/n 421B0639

Installed OVH right side aux in-line fuel pump #8150-B s/n 07854 returned to service by The Aviation Group (CRS#VGOR728L) w.o. # 45372 CW AD2016-07-24 eff. April 26, 2016 Elevator Trim Tab Attach hardware.

Para 1. Initial replacement of hardware per Cessna MEB-27-02 step 2-5.

Para 2. 100 hr./annual inspection of hardware Due at Hobbs 1037.2 or March 2017 whichever occurs first.

Para 3. Replacement due to removal per Cessna MEB-27-02 step 3-5.

DATE 4/14/2016

HOBBS 937.2

AIRCRAFT TOTAL TIME 2549.6

Anthony R. Saxton AP32537461A





N1543G (Aircraft Logs)

Cessna 421B s/n 421B0639

Disassembled and replaced Orings in lower cabin door snubber.

CW AD2000-01-16 Effective Date Feb 15, 2000 (Supersedes AD75-23-08R5) Exhaust system inspection.

CW Para (b) exhaust visual inspection. LEFT and RIGHT engine

CW para (e) Pressure test exhaust system. No damage found (Due again in 12 calendar months Feb 2017)

CW AD2016-07-24 eff. April 26, 2016 Elevator Trim Tab Attach hardware. CW per AMOC letter #16-30-60

CW Para 1. Initial replacement of hardware per Cessna MEB-27-02 Rev 1 step 3-6. PCW per Cessna MEB-27-02.

Para 2. CW this date inspection of hardware due at next annual inspection (July 2017) per AMOC Letter #16-3060 item #2.

Para 3. Replacement due at any part removal per Cessna MEB-27-02 Rev. 1 step 4-6. per AMOC Letter #16-3060 item #3.

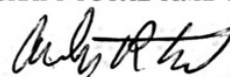
Filed AMOC Letter reference #16-3060 dated June 13, 2016 for this aircraft by electronic filing to Columbus OH FSDO

DATE 7/14/2016

HOBBS 963.4

AIRCRAFT TOTAL TIME 2575.8

Anthony R. Saxton AP32537461A



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

AVIONICS LOG BOOK ENTRY**N** 1543G **TIME** 983.3 Hobbs Time **DATE** 3-6-2017

Updated software in G600 from SW level 7.00 to 7.12 per Garmin STC SB 1665, Revision A, dated 11-18-16. Updated software in GTX345 from SW level 2.02 to 2.05 per Garmin STC SB 1669, Revision A, dated 10-25-16. Provided customer with updated FSM's and ICA's as necessary.

*** Page 1 of 1***

Aircraft and/or components above were repaired and inspected in accordance with current federal aviation regulations, and were found airworthy for return to service.

Signature: Work Order: 4846*Premier Avionics, LLC* 11007 W. Perimeter Road • Fort Wayne, IN 46809 • Tel: 888-496-8101 • Fax: 260-747-3540 • CRS: 7PMR634B**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
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**N1543G (Aircraft Logs)
Cessna 421B s/n 421B0639**

Inspected aircraft as required by FAR91.409 (a) (1) per inspection checklist meeting requirements of FAR 43.15 (c)(2) and FAR 43 App. D. Performed post inspection operational checks per FAR43.15 (c).

Inspected and tested ELT as required by FAR 91.207(d) Replaced ELT battery **ELT Battery next due April 2018.**

-Reinstalled 3AA Oxygen bottle following Hydrostatic test per DOT 49 CFR, 3AA by Turboprop East (DOT C945) W.O.# HYD-1651 (Due again in 5 years At Feb 2022)

-Reinstalled left (#30111102 s/n 00965A1) and right (#30111102 s/n R1147) engine fire bottles following Hydrostat and sqib by Ameron Global (CRS#OVVR461N e.o. # 349989/349990) (Inspection due again in 5 years at Feb 2022)

-Replaced aircraft battery with new FAA/PMA Concorde RG24-20 battery (installed per FAA AC23-27)

-Removed previously installed Insight Gemini 1200 s/n 02465 and installed Insight G4 (prt. # 12000C—001 s/n 50473) in same panel location. Installation utilized existing probes/ harnesses/ power from previously completed 1200 installation on 7/28/04. Installation consists of non-primary temperature information only. Installed per Insight installation manual #070906 Rev. 1.4.

Installed POH Supplement #G4-FMS in aircraft flight manual and Incorporated ICS in paperwork. Changed equipment list as necessary Note: W&B change negligible. This installation is approved by **Insight Instrument Corp STC#SA09-30** (see 337 form this date)

-Installed Overhauled Air conditioner engine driven hydraulic pump #PF2713-25-BCE s/n X118288Con right engine returned to service by Aircraft Accessories of Oklahoma CRS#RV3R829L w.o. # 17620. Removed all hydraulic lines and cleaned for debris. Changed system filter. Installed used serviceable condenser fan motor #9910155-1RX, Pressure switch #1106P61 and hydraulic annunciator switch 9910167-1.

Replaced left pilots vent window with new FAA/PMA LP Aero LP-1154 and right copilots #LP-1155.

Replaced left/right vacuum relief valve filters RAB3-5-1.

Replaced fuel cap periphery Orings. Replaced Oring on left wing fuel bowl drain. Drained fuel and reset fuel signal conditioner empty and full readings.

Replaced leaking nutplates in right tip tank. Replaced right aux tank inline fuel pump with Overhauled A8150-B s/n 0599986 OVH and returned to service by The Aviation Group (CRS#VGOR728L) w.o. # 45399)

Replaced panel light transistors MJE3055. Replaced aileron trim stop block bushing insert #0411524

Re-rigged landing gear travels, positions, tensions, lubricated & checked emergency gear extensions per Cessna 421B Maintenance Manual.

CWAD2016-17-08 eff. Sept. 12, 2016 (supersedes AD2016-07-24) Elevator Trim Hardware.

Para (f) (1) Initial replacement of hardware per Cessna MEB-27-02 Rev 1 step 3-6. PCW 4/14/16

CW Para (f) (2) 110 hr./OR annual inspection of hardware. (Due again at Hobbs 1093.1 or Sept. 2018)

Para (f) (3) . Replacement due at any part removal event per Cessna MEB-27-02 Rev. 1 step 4-6.

CW AD2000-01-16 Effective Date Feb 15, 2000 (Supersedes AD75-23-08R5) Exhaust system inspection.

CW Para (b) exhaust visual inspection LEFT and RIGHT engine. Installed OVH right engine front crossover pipe #K9910379-16 s/n 252689

Returned to service by Knisley Welding (PMA PQ1260NM w.o. # P90319. (Inspection due again in 50 hr.at Hobbs 1033.1)

CW para (c) tailpipe inspection. Left/Right due again in 12 months(Sep 2018)

CW para (e) Pressure test exhaust system. No damage found (Due again in 12 calendar months Sep. 2018)

CW AD2017-06-03 eff. Date 5/5/2017 Meggit (Stewart Warner) heater. (supersedes AD81-09-09) Heater 8472C Hour meter 10.0

CW by inspection per para (g) (1) through (4) tested OK Inspection Due again in 250 hr. of heater time (heater 260) or two years (Sep 2019).

DATE 9/1/2017 HOBBS 983.1 AIRCRAFT TOTAL TIME 2595.5 Heater Hobbs 10.0

"I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."

Anthony R. Saxton AP32537461A



**N1543G (Aircraft Logs)
Cessna 421B s/n 421B0639**

Removed aft seats and cabinetry for special flight mission. Recalculated weight and balance in this configuration this date. See weight and balance sheet for details.

DATE 9/1/2017 HOBBS 983.1 AIRCRAFT TOTAL TIME 2595.5

Anthony R. Saxton AP32537461A

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				TOTALS brought forward from previous page
				 <div style="display: flex; justify-content: space-between;"> <div> N1543G Cessna 421B Hobbs: 997.0 </div> <div> 10/10/2017 421B06939 </div> </div>
				Removed Radar altimeter P/N: 4014267-901 S/N:7804 2033 moved primary engine monitor from copilot side to pilot side under the GDU 620 in accordance with Insight GEM G4 Doc. No. 070906 operational check good.
				Pertinent details are on file at this agency under the work order #AV-17-103617 dated 10-10-2017 Signed  For Trego-Dugan Aviation, CRS-HVJR859E



ACS AVIONICS

The Premier Austin Completion Center

209 Airport Road
Taylor, Texas 76574

www.acsatx.com
CRS # WCHR539X

Work Order: R4004

Registration #: N1543G

Model: 421B

Serial Number: 421B0639

Hobbs/TT: 990.6

1. Install gogo

Installed Antennas IAW DER Services Inc FAA Form 8110-3 DERT-510024-CE dated 09/29/2017 Identifying Engineering Drawing 17049-2 Rev I/R. Installed 30 AMP Circuit Breakers IAW AC 43.13-1B Chapter 11. No discrepancies noted. Provided the following to the owner/operator for all flight operations as part of the permanent records for the aircraft DER Services Inc FAA Form 8110-3 dated 09/29/2017 and Engineering Drawing 17049-2 Rev. I/R.

Installed CI 5500 Antenna
Installed WLAN Antenna
Installed WLAN Antenna
Installed Circuit Breaker 30 Amp
Installed Circuit Breaker Switch 30 Amp

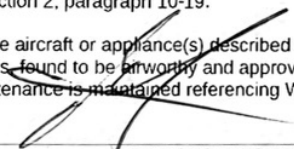
P/N: P12949
P/N: S65-5366-720
P/N: S65-5366-720
P/N: W23X1A1G30
P/N: W31X2M1G30

S/N: 544129
S/N: 892-0522
S/N: 892-0156
S/N: N/A
S/N: N/A

2. Weight and Balance

The aircraft's new empty weight was calculated and a new center of gravity was established in accordance with AC43.13-1B chapter 10, section 2, paragraph 10-16. Amended the aircraft equipment list to reflect this installation in accordance with AC43.13-1B chapter 10, section 2, paragraph 10-19.

Maintenance Release: The aircraft or appliance(s) described above was tested and inspected in accordance with current Federal Aviation Regulations, found to be airworthy and approved for return to service with respect to work accomplished. A detailed record of this maintenance is maintained referencing Work Order: R4004.

Inspector's Signature: 

FAA CRS # WCHR539X

Date: September 29, 2017

N1543G
Cessna Aircraft Company
421B
s/n 421B0639

Aircraft Log Entry

November 27, 2017

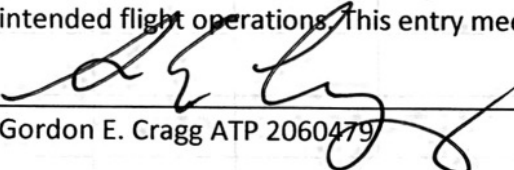
Total Time: 2634.7

I find that this aircraft meets the requirements for the Research and Development Certification requested to evaluate air-to-ground RF system equipment and have issued a Special Airworthiness Certificate and Operating Limitations dated 27 NOV 2017.



James N. Rezich DART832613GL

TOTALS—Carry forward to next page

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				TOTALS brought forward from previous page
<u>AIRCRAFT LOGBOOK ENTRY</u>				
				Cessna 421B, N1543G, S/N 421B0639 11/30/2017
				Hobbs Time: 1022.1
				I certify that the prescribed flight test has been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous or adverse operating characteristics or design features and is safe for the intended flight operations. This entry meets the requirements of FAR 91.319(b).
				 Gordon E. Cragg ATP 2060479

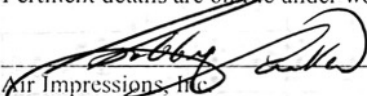


AIR IMPRESSIONS, INC.
PROFESSIONAL AIRCRAFT SERVICE
7929 Karl May Dr.
Waco, Texas 76708
CRS No. AK6R541N

Hour Meter: 1022.8
Date: 12/05/2017

Cessna S/N 421B-0639 N1543G

On above referenced aircraft, repaired leak in manifold pressure line inside inboard left wing. Cleared restriction for cabin V S I. Re-sealed cabin door snubber. Re-sealed hydraulic leak at hydraulic pump fitting and bleed port. Repaired pitot heat wiring and installed new circuit breakers. Installed right overboard exhaust bracket. Aircraft approved for return to service for maintenance performed. Pertinent details are on file under work order 4594


Air Impressions, Inc.
CRS# AK6R541N



ACS AVIONICS
The Premier Austin Completion Center
209 Airport Road www.acsatx.com
Taylor, Texas 76574 CRS # WCHR539X

Work Order: R4044
Registration #: N1543G
Model: 421B
Serial Number: 421B0639
Hobbs/TT: 0.0

1. Replace existing Antenna with customer supplied Leonardo Antenna
Replaced existing Antenna with customer supplied Leonardo Antenna IAW AC 43.13-2B Chapter 3. No discrepancies noted.

Installed	Antenna	P/N: AP50119376	S/N: A10003
Removed	ADF Antenna	P/N: 071-1234-00	S/N: Not Available

Maintenance Release: The aircraft or appliance(s) described above was tested and inspected in accordance with current Federal Aviation Regulations, found to be airworthy and approved for return to service with respect to work accomplished. A detailed record of this maintenance is maintained referencing Work Order: R4044.

Inspector's Signature:  Date: January 8, 2018
FAA CRS # WCHR539X

SUB-TOTALS this page
TOTALS—Carry forward to next page

DA N1543G WO: 2643 Date: 2/21/2020

Upgraded Garmin G600 to Garmin G600TXi. System installed and tested and passed IAW Garmin AML STC# SA02571SE. Installed dual Garmin GTN 750s and Garmin GMS 35c audio system. Installed and tested Garmin equipment IAW Garmin AML STC# SA02019SE-D. The WAAS GPS system installed is part of the ADS-B Out system and meets the equipment performance requirements of 14 CFR part 91, 91.227. Installed Mid Continent SAM MD302 standby horizon, airspeed and altimeter system. System was installed and tested IAW Mid Continent STC# SA01969SE. Remounted OAT probes to under side of fuselage per STC for G600TXi. Secured vacuum plumbing behind instrument panel. Installed Artex ME-406 ELT system. Repainted instrument panels. Installed Whelen NAV, Landing and strobe lights per Whelen STC. Sent engine gauges to RAM for remarking. Installed correctly marked gauges. Completed 91.411 and 91.413 inspections to 30,000' with all tests passing. Had throttle cover renewed at Air Capitol Dial. With regard to work performed, this aircraft is returned to service.

Sugar Land Avionics
12888 Hwy 6 S. Hangar 105

Repair Station: OSJR598L
Sugar Land, TX 77498

MAKE: Cessna
MODEL: 421B
S/N: 421B0639
REG NO: N1543G
WORK ORDER: 9006-09-2020



J.A. Air Center

Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 04 September, 2020
A/C TSN: 2798.6
TACH:

Airframe Entries

1 Removed
Two (2) GTN-750 P/N 011-02282-00, S/N 1ZA022632 and P/N 011-02282-00, S/N 1ZA022939 installed by Sugar Land Avionics, CRS# OSJR598L on February 21, 2020. Work order 2643. Complete installation paperwork could not be located. Inspected primary items to be used for the GTN750Xi install per STC SA02019SE-D - Installation of Garmin GTN 6XX/7XX and GTN Xi Series Navigation System.

Installed

Two (2) Garmin GTN-750xi P/N 011-04634-00, S/N 5FR002151, P/N 011-04634-00, S/N 5FR002206, Dual Navigation System in the center instrument panel at F.S. 114.0 in accordance with Garmin STC# SA02019SE-D. Installation of Garmin GTN 6XX/7XX and GTN Xi Series Navigation System in accordance with the FAA approved Master Drawing List, document No. 005-00533-C0, Revision 27, dated May 31, 2020, the Garmin GTN Xi Part 23 AML STC Installation Manual, Document No. 190-01007-C0, Revision 1, dated December 31, 2019; Cessna Model 421B Golden Eagle and Executive Commuter Service Manual D817-15-13, Revision 15 dated March 3, 2003.

Power is supplied to the #1 GTN 750xi through (2) 5AMP circuit breakers labeled "COM 1" and "NAV/GPS 1" located on the avionics buss. The #2 GTN 750xi uses (2) 5AMP circuit breakers labeled "COM 2" and "NAV/GPS 2" located on the avionics buss.

Installed Garmin FAA approved Airplane Flight manual Supplement, Garmin GTN Xi GPS/SBAS System Document No. 190-01007-C2, Revision 2 dated February 19, 2020 in the Pilots Operating Handbook.

For Instructions for Continued Airworthiness reference GTN Xi Part 23 AML STC Maintenance Manual, 190-01007-C1, Revision 1 dated January 3, 2020, 4-1 through 4-10.

This equipment has been ground checked and there were no adverse effects with any other aircraft system.

The weight & balance data, equipment list and airframe logbooks were revised to reflect this installation. Reference J.A. Air Center's Weight & Balance and Supplemental Equipment List for all part numbers, serial numbers, and equipment installed, or removed, and locations.

Maintenance Release

The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station, JRS NF2R029L under Work Order No. 9006-09-2020, Dated 04 September, 2020.

DATE: 04 September, 2020

SIGNED:

Steve Carlton
Certified Repair Station No. NF2R029L

Work Order: 9006-09-2020

Printed by EBis 3 (datcomedia.com)

LOG BOOK ENTRY

MFG	Model	Reg. #	S/N:	WO#	A/C Total Time
Cessna	421B	N1543G	421B0639	5195	

The above mention aircraft was refurbished as followed: Recovered control yokes with leather style Berkshire color #850 Black (DL#: 88443; Test#: 12NW-437698). All materials meet requirements of 14 CFI 25.853 (a) Appendix F, Part 1. Para. (a)(1)(ii). Accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

Signature:

Date: July 21, 2020

AeroPlus Interiors, Inc.
Repair Station #UPOR577L
201 Lee Duggan Drive
Sugar Land, Texas 77498

SUB TOTALS this page

TOTALS - Carry forward to next page

MODEL	A/C S/N	A/C REG.	W.O. #	A/C TT:	TACH	HOBBS	DATE:
421B	421B0639	N1543G	LUM9171	2798.6	-	1089.2	9/15/20

Page No. 4

DATE



**LUMINAIR
AVIATION
SERVICES**

Luminaire, Inc. (KARR)
43W624 US HWY 30
Sugar Grove, IL 60554
P: (630) 466-4866
F: (630) 466-4987

AIRFRAME LOG ENTRY

INSPECTION PERFORMED:

- Annual inspection
- C/W AD 2017-06-03 Performed the heater pressure decay test, no defects found. Ops check ok.
- C/W AD 2016-17-08 Elevator trim tab inspection by installing the proper hardware.
- C/W AD 81-21-05 ELT Battery pack inspection, no defects found.
- C/W AD 2000-01-16 Exhaust inspection IAW par. (B,C,D, & E) no defects found.
- C/W AD 2007-05-15 Starter adapters' backlash found within tolerance.
- C/W FAR 91.207 (d) for the ARTEX ELT ME-406 installed by Sugar Land Avionics. Ops check ok.
- C/W ICA of the Garmin G600TXI by inspection, no defects found.
- C/W ICA of the GMX-200 by inspection, no defects found.
- C/W ICA of the GDL-69 by inspection, no defects found.
- C/W ICA of the aft body strakes by visual inspection, no defects found.

MAINTENANCE ACTIONS PERFORMED:

- 5th and 6th seat, toilet/divider and curtain fk 130-20, reinforcement center fk 128, executive table fk124.1 LH & RH were reinstalled by persons unknown. Interior was removed for the annual inspection and reinstalled IAW the 6 seat configuration in the flight manual.
- Installed the Whelen LED anti-collision light in replacement of the belly beacon at F.S. 130.5 IAW STC#SA615EA. Sealed the light assembly IAW Cessna 421B Service manual Section 16 pg. 16-20.
- Removed the incandescent bulbs from the engine cowl lights and installed Whelen LED landing lights P#01-0771833-20 IAW STC#SA00344BO.
- Replaced the hydraulic hoses for the AC hydraulic pump with Teflon hoses. Leak check ok
- Adjusted the heat shields on the LH & RH engines to avoid further chafing.
- Rerouted wiring along the LH air filter scat tubing. Applied RTV to the contact areas.
- Fabricated a doubler on the LH engine baffling for the fuel divider vent line to stop crack from getting larger. Installed new clamps to support the line.
- Replaced the exhaust clamp for the LH turbo downpipe.
- Adjust the LH engine prop governor cable bracket for proper clearance along cylinders 4 & 6.
- Installed a new spoiler switch, and repaired the wiring with new pins and connectors. Ops check ok.
- Found the air conditioning grounds were not connected. Installed new terminals and connected them to a good ground source. AC ops check ok.
- Installed new hardware for all floor panels.
- Found the wrong hardware installed in the LH & RH wing spar attach panels. Installed the proper hardware IAW the IPC.
- Installed new o-rings in all fuel caps. Leak check ok.
- Removed all corrosion from the trailing edges of the flaps, and prepped them for paint.
- Installed clamps and chafe protection in both wings to secure wiring and hoses.
- Tightened all pressurization lines and fittings throughout the wings.
- Replaced the LH transfer fuel pump, and tightened all fittings for the fuel system in the LH wing. Rewired the transfer pump for proper operation.
- Removed and replaced the cabin and emergency exit door seals.
- Replaced several fasteners in the nose baggage doors.
- Replaced both pilot map lights.
- Replaced the LH and RH heating hoses under the cabin floor.
- Shimmed the RH landing gear door for proper clearance.

Continued on
Next Page

SUB-TOTALS this page

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D.

- Installed a patch on the RH outboard deice boot, and patched several pin holes in all deice boots.
- Fabricated flush mount patches for antennas removed from the belly at F.S. 82.4" and 115.7" (pressurized). Fabricated a flush mounted patch on the pilot side skin at F.S. 49.9" (non-pressurized). Installed the repairs IAW the Cessna 421B structural repair manual 16-5. Sealed the patches IAW Cessna 421B Service manual Section 16 pg16-20.
- Repaired the wiring, switches, rheostats, lamps, and transistors for the instrument light circuit. Ops check ok.
- Repaired the wiring for the landing gear light circuit. Wired the circuit IAW Cessna 421 wiring diagram. Performed several gear swings, ops check ok.
- Repaired the wiring for the LH and RH tip tank retractable landing lights. Installed new wiring harnesses and lights provided by Lo-Presti. Ops check ok.
- Repaired the wiring for the tail nav light, and wired the strobe light harness per the STC for proper operation.
- C/W the alternator drive gear inspection. Found the LH & RH drag tensions within tolerance.
- Replaced several nutplates in the instruments panel.
- Removed the autopilot mode select to repair the securing bracket. Reinstalled the bracket and the mode select panel.
- Replaced several bent pins in the radio and navigation mounting trays.
- Replaced the AC temp select knob and the prop sync control knob on the instrument panel.
- Removed the throttle quadrant trim covers to free the trim needle for the elevator trim indication.
- Repaired the wiring and installed new bulbs in the Aux fuel indication lights.
- Installed new switch covers on all switches.
- Located the original wiring for the fuel transfer pump. Installed a new switch in the instrument panel, and wired it IAW the Cessna fuel transfer wiring diagram. Installed a placard for the switch and fuel light indicators.
- Wired all EL panels to the proper power source and corresponding switches.
- Mount the copilot USB ports from the inside to the outside of the center pedestal panel.
- Secured all wiring behind the instrument panel. Installed several clamps to support wire bundles. Cap and stowed several unused wires.
- Removed the G4 unit for repair by Insight. Reinstalled the repaired unit, ops check ok.
- Repaired the threads on the RH aux tank bladder quick drain. Leak check ok.
- Filed 337s for the instrument panel fabrication, Artex ELT installation, Concorde Battery installation, and the Whelen LED anti-collision light STC#SA800EA installation accomplished by persons unknown on this date (9-15-2020).

G WORK

I certify this airframe is in airworthy condition with respect to the maintenance performed. All maintenance performed referencing the applicable manufacturer's maintenance manuals. All ADs complied with through Biweekly list 2020-17.

Lumanair, Inc.
CRS-CGFR811C

Name:

Page 1 of 1

N1543G

Aircraft Log Entry

December 10, 2020

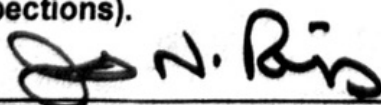
Cessna Aircraft Company 421B

Total Time: 2798.6

s/n 421B0639

I find this aircraft meets the requirements for the reinstatement of the current Standard Airworthiness certificate dated 8/13/74 following the completion of Research & Development flight testing, based on an inspection confirming reconfiguration of the aircraft to the approved type design or approved altered condition.

This certification process does not replace or change the dates or times of scheduled inspection requirements (for example, annual or 100-hour inspections).



James N. Rezich 586193858

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																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">1. Approving I/II Aviation Authority/Country Transport Canada</td> <td colspan="2">2. AUTHORIZED RELEASE CERTIFICATE FORM (CND)</td> <td>3. Form Tracking No. (YYMMDD-XXXX) 200763-130</td> </tr> <tr> <td colspan="3">4. Organization Name and Address INSULIT INSTRUMENT CORPORATION 200 INDUSTRIAL DRIVE PORT HURON, ONTARIO, CANADA L2A 8M1</td> <td colspan="2">5. Work Order's subject/airframe LUMANAIR AVIATION</td> </tr> <tr> <td>6. Item</td> <td>7. Description</td> <td>8. Part No.</td> <td>9. Qty.</td> <td>10. Serial/Block No.</td> </tr> <tr> <td>1</td> <td>G4 Twin Graphic Engine Monitor</td> <td>1200C-001</td> <td>1</td> <td>50473</td> </tr> <tr> <td colspan="5">11. Status/Work REPAIR</td> </tr> <tr> <td colspan="5">12. Remarks RESOLVED ALL MULTIPLEXERS, REPLACED 9V BATTERY. UPDATED SOFTWARE TO V2.21 - RECALIBRATED. TESTED MSPOT G4-164 ISSUE 1 & M1-1200C</td> </tr> <tr> <td colspan="5"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">13a. Signature</td> <td colspan="2">13b. Approved Organization Number</td> <td>13c. Signature</td> </tr> <tr> <td colspan="2">13d. Title</td> <td colspan="2">13e. Date (dd/mm/yyyy)</td> <td>13f. Date (dd/mm/yyyy)</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>23/09/2021</td> </tr> </table> </td> </tr> <tr> <td colspan="5"> <p>(Previously form 24-0078) Important See notes</p> <p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 13d do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification based in accordance with the applicable national regulations before the aircraft may be flown.</p> </td> </tr> </table>					1. Approving I/II Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM (CND)		3. Form Tracking No. (YYMMDD-XXXX) 200763-130	4. Organization Name and Address INSULIT INSTRUMENT CORPORATION 200 INDUSTRIAL DRIVE PORT HURON, ONTARIO, CANADA L2A 8M1			5. Work Order's subject/airframe LUMANAIR AVIATION		6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Block No.	1	G4 Twin Graphic Engine Monitor	1200C-001	1	50473	11. Status/Work REPAIR					12. Remarks RESOLVED ALL MULTIPLEXERS, REPLACED 9V BATTERY. UPDATED SOFTWARE TO V2.21 - RECALIBRATED. TESTED MSPOT G4-164 ISSUE 1 & M1-1200C					<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">13a. Signature</td> <td colspan="2">13b. Approved Organization Number</td> <td>13c. Signature</td> </tr> <tr> <td colspan="2">13d. Title</td> <td colspan="2">13e. Date (dd/mm/yyyy)</td> <td>13f. Date (dd/mm/yyyy)</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>23/09/2021</td> </tr> </table>					13a. Signature		13b. Approved Organization Number		13c. Signature	13d. Title		13e. Date (dd/mm/yyyy)		13f. Date (dd/mm/yyyy)					23/09/2021	<p>(Previously form 24-0078) Important See notes</p> <p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 13d do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification based in accordance with the applicable national regulations before the aircraft may be flown.</p>				
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MODEL	A/C S/N	A/C REG.	W.O. #	A/C TT	TACH	HOBBS	DATE:
421B	421B0639	N1543G	LUM9528	2806.7	-	1097.3	7/30/21



**LUMANAIR
AVIATION
SERVICES**

AIRFRAME LOG ENTRY

Lumanair, Inc. (KARR)
43W624 US HWY 30
Sugar Grove, IL 60554
P: (630) 466-4866
F: (630) 466-4987

MAINTENANCE ACTIONS PERFORMED:

- Fabricated new A/C line from the compressor to the condenser.
- Recharged A/C system with R12 refrigerant.
- Repaired wire for RH nacelle light. Added spiral wrap and an Adel clamp to secure wiring from chafing.
- Replaced 10A inline fuse for nacelle lighting.

I certify this airframe is in airworthy condition with respect to the maintenance performed.

Lumanair, Inc.
CRS-CGFR811C

[Signature]
Name: _____ Page 1 of 1

MAKE: Cessna
MODEL: 421B
S/N: 421B0639
REG NO: N1543G
WORK ORDER: 9514-09-2021



J.A. Air Center

Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630 584 3200

DATE: 23 September, 2021
A/C TSN: 2798.6
TACH:

Airframe Entries

- 2 Updated G600 TXi to version 3.30 in compliance with Garmin SB 2172 Rev A Dated July 27, 2021
Updated both GTN 750 Xi in compliance with Garmin SB 2170 Rev B Dated August 3, 2021
All operational inspections are good at this time.

Maintenance Release
The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA 145 6960 under Work Order No. 9514-09-2021. Dated 23 September, 2021.

DATE: 23 September, 2021

SIGNED: *[Signature]*

Mike Bargman
Certified Repair Station No. NF2R029L

Work Order: 9514-09-2021

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TOTALS—Carry forward to next page

MODEL	A/C S/N	A/C REG.	W.O. #	A/C TT:	TACH	HOBBS	DATE:
421B	421B0639	N1543G	LUM9608	2815.1	-	1105.7	10/20/21

DATE



LUMANAIR
AVIATION
SERVICES

AIRFRAME LOG ENTRY

Lumanair, Inc. (KARR)
43W624 US HWY 30
Sugar Grove, IL 60554
P: (630) 466-4866
F: (630) 466-4987

INSPECTION PERFORMED:

- Annual inspection
- AD 84-26-02 Air filter replacement not due until 3048.9 A/C TT.
- AD 2007-05-15 for starter adapter backlash inspection not due until 2898.6 A/C TT
- AD 2017-06-03 for heater pressure decay test not due until 9/2022.
- C/W AD 2016-17-08 by inspection of elevator trim tab for the proper hardware and condition.
- C/W AD 2000-01-16 Exhaust inspection IAW par. (B,C,D, & E) no defects found.
- C/W FAR 91.207 (d) for the ARTEX ELT ME-406 installed by Sugar Land Avionics. Ops check ok.
- C/W ICA of the Garmin G600TXI by inspection, no defects found.
- C/W ICA of the GMX-200 by inspection, no defects found.
- C/WICA of the GDL-69 by inspection, no defects found
- C/W ICA of the aft body strakes by visual inspection, no defects found.

MAINTENANCE ACTIONS PERFORMED:

Pg 1 of 3

MODEL	A/C S/N	A/C REG.	W.O. #	A/C TT:	TACH	HOBBS	DATE:
421B	421B0639	N1543G	LUM9608	2815.1	-	1105.7	10/20/21

- Replaced and re-routed damaged wiring and terminals in both L/H and R/H fwd cowlings sections for taxi lights. Inserted wiring in fire protection sleeves and tested, found ok.
- Installed 2 new EGT probes for exhaust for cyl's # 1 and 3 P/N 2870. Performed operational test, found ok.
- Installed 4 new seat stops in the rear passenger seat rails with new cotter pins.
- Tied and applied chafe protection to wire harnesses running through the engine compartments as required.
- Installed new O-ring for starter on left engine.
- Replaced base gasket for hose going from the oil filter to the case P/N MS35769-48.
- Installed scat 10 tubing over A/C hydraulic hoses near the turbo section for insulation.
- Installed new aft seat stop on pilot L/H rail.
- Rebuilt shimmy damper and serviced with mil-5606 fluid.
- Adjusted main gear toe-in alignment and installed 2 new main tires. Performed several gear swings and emergency gear extensions, found ok.
- Shimmed L/H and R/H aileron pushrods I/A/W the Cessna M.M.

Pg 2 of 3

MODEL	A/C S/N	A/C REG.	W.O. #	A/C TT:	TACH	HOBBS	DATE:
421B	421B0639	N1543G	LUM9608	2815.1	-	1105.7	10/20/21

- Drained fuel tanks, Replaced fuel line, fitting and O-ring in left wing from the fuel selector. Replaced gasket for RH aux tank fuel transmitter. Refueled system and inspected for leaks. Found ok at this time.
- Removed and replaced the prop heat indicator with a new unit P#C662503-0101. Ops check ok.

I certify this airframe is in airworthy condition with respect to the maintenance performed. All maintenance performed referencing the applicable manufacturer's maintenance manuals.

Lumanair, Inc.
CRS-CGFR811C

Name:

Page 1 of 1

SUB-TOTALS this page

TOTALS—Carry forward to next page

MODEL	A/C S/N	A/C REG.	W.O. #	-	-	HOBBS	DATE:
421B	421B0639	N1543G	6259	-	-	1126.6	9-18-23

D—
DRMING WORK



TOTALS brought forward
Carver Aero LLC DBA Revv
Aviation (KARR)
43W624 US HWY 30
Sugar Grove, IL 60554
P: (630) 466-4866

MAINTENANCE ACTIONS PERFORMED:

- Pitot static leak tests fail at 475ft per minute and 30 knots per minute. Removed static system drain bowl and replaced with like P/N S1258-1 S/N N/A. Static system leaks less but doesn't pass.
- Removed several interior components to gain access to pitot and static plumbing. Removed standby SAM module MD302 S/N 6420302-1, replaced 4 o-rings P/N 9017146 and reinstalled same serial number MD302. Leak test of pitot system ok. Removed and replaced section of static system plumbing under copilots right sidewall and performed static leak check, leaks less but doesn't pass. Removed, reset, and retightened aft bulkhead loose static A/N fitting, leak tested static system, leak test passed. Reinstalled all removed interior components.

INSPECTIONS PERFORMED:

I certify that the altimeter and static system tests required by 14 CFR part 91, § 91.411 and transponder tests, including altitude reporting system data correspondence, required by § 91.413, have been performed and found to comply with § 43, appendices E and F.

Page 1 of 2

MODEL	A/C S/N	A/C REG.	W.O. #	-	-	HOBBS	DATE:
421B	421B0639	N1543G	6259	-	-	1126.6	9-18-23

Air data computer model GDC74-A Serial Number: 20610667
Standby SAM Module model MD302 Serial Number: 6420302-1
Copilot Altimeter P/N AN5760 S/N 6819

Transponder 1 model GTX 345 Serial Number: 3EG000575

Transponder 2 model GTX 327 Serial Number: 83748257

Altimeters were tested to 30,000 feet. Encoder data correspondence was tested to 30,000 feet using pilot's altimeter as reference. Static and pitot systems leak tested, no leaks noted. Pitot tube 1 and 2 heater functionality check ok.

Details of this inspection and maintenance action and pertinent data are on file at this repair station under associated Work Order.

Carver Aero LLC DBA Revv Aviation
CRS-CGFR811C

Name 

Page 2 of 2

SUB-TOTALS this page

TOTALS—Carry forward to next page

MODEL	A/C S/N	A/C REG.	W.O. #	AF TT	-	HOBBS	DATE:
421B	421B0639	N1543G	4852	2836.0	-	1126.6	12/5/2023



Carver Aero LLC DBA Revv
Aviation (KARR)
43W624 US HWY 30
Sugar Grove, IL 60554
P: (630) 466-4866

AIRFRAME LOG ENTRY

INSPECTIONS PERFORMED:

- Annual Inspection
- C/W AD 2017-06-03 heater pressure decay test, found ok. Due again by 12/2025.
- C/W AD 2016-17-08 inspection of the elevator trim tab hardware, found ok. Due again at 1236.6 hobbs or by 12/2024.
- C/W AD 2000-01-16 exhaust inspection para: (B)(C)(E)(f), found ok.
 - Para (b) due again at 1176.6 hobbs
 - Para (c) due again by 12/2024
 - Para (d) due at 1605.7 hobbs
 - Para (e) due again by 12/2024
 - Para (f) due again at 1626.6 hobbs
- C/W ICA Garmin G600TXI, found ok.

- C/W ICA GMX-200, found ok.
- C/W ICA GDL-69, found ok.
- C/W ICA aft body strakes, found ok.
- C/W FAR 91.207(d) ops check of the ELT, found ok.

MAINTENANCE ACTIONS PERFORMED:

- Removed, inspected and cleaned the fuel gascolator bowl. Re-installed with new seals.
 - Installed a new bushing and bolt for the LH aileron trim tab attach.
 - Cleaned and treated corrosion on the nose baggage compartment floor.
 - Cleaned and treated corrosion in the LH & RH main gear wells.
 - Cleaned and treated corrosion on the LH flap.
 - Cleaned and treated corrosion on the upper cabin door.
 - Cleaned and treated corrosion on the RH engine nose cowl.
 - Cleaned and painted corrosion on the A/C baffling and bulkheads.
 - Installed new safety wire for the nose wheel steering turn-buckles.
 - Repaired the LH nose baggage door seal with RTV.
 - Cleaned the surface and re-bonded the static strips on the heated windshield.
 - Installed new hardware for the LH & RH wing locker hinges.
-
- Repaired multiple pin holes in the LH wing, RH wing and rudder de-ice boots.
 - Fabricated and installed a new fuel line for the cabin heater.
 - Fabricated and installed a rear bulkhead panel attach bracket.
 - Installed 2 new A/C condensers P/N: HE81203. Serviced with R-12, leak check ok.
 - Resealed a plug on the bottom of the hydraulic motor for the compressor.
 - Replaced multiple rusted bolts and screws in the LH, RH & nose gear wells.
 - Installed a new rivet near the LH oil filter adaptor bracket.
 - Installed a new rivet in the LH aileron outer rib.
 - Installed multiple baffle screws on the RH engine baffle.
 - Adjusted the RH engine prop heat brushes with a shim.
 - Removed RH auxiliary inline fuel pump for testing, found ok, reinstalled and secured.
 - Removed RH inboard auxiliary fuel bladder for repair. Reinstalled with new gaskets on access panels.
 - Replaced RH auxiliary fuel sender gaskets for the outboard and center section bladders.
 - Replaced both main gear brake linings P/N: 066-06600.
 - Replaced RH caliper pins and lining backing plate.

I certify this AIRCRAFT is in airworthy condition with respect to the maintenance performed. All maintenance performed referencing the applicable manufacturer's maintenance manuals.

Carver Aero LLC DBA Revv Aviation
CRS-CGFR811C


Name:

MODEL	A/C S/N	A/C REG.	W.O. #	-	-	HOBBS	DATE:
421B	421B0639	N1543G	6259	-	-	1126.6	9-18-23

D—
DRMING WORK



Carver Aero LLC DBA Revv
Aviation (KARR)
43W624 US HWY 30
Sugar Grove, IL 60554
P: (630) 466-4866

MAINTENANCE ACTIONS PERFORMED:

- Pitot static leak tests fail at 475ft per minute and 30 knots per minute. Removed static system drain bowl and replaced with like P/N S1258-1 S/N N/A. Static system leaks less but doesn't pass.
- Removed several interior components to gain access to pitot and static plumbing. Removed standby SAM module MD302 S/N 6420302-1, replaced 4 o-rings P/N 9017146 and reinstalled same serial number MD302. Leak test of pitot system ok. Removed and replaced section of static system plumbing under copilots right sidewall and performed static leak check, leaks less but doesn't pass. Removed, reset, and retightened aft bulkhead loose static A/N fitting, leak tested static system, leak test passed. Reinstalled all removed interior components.

INSPECTIONS PERFORMED:

I certify that the altimeter and static system tests required by 14 CFR part 91, § 91.411 and transponder tests, including altitude reporting system data correspondence, required by § 91.413, have been performed and found to comply with § 43, appendices E and F.

MODEL	A/C S/N	A/C REG.	W.O. #	-	-	HOBBS	DATE:
421B	421B0639	N1543G	6259	-	-	1126.6	9-18-23


Air data computer model GDC74-A Serial Number: 20610667
Standby SAM Module model MD302 Serial Number: 6420302-1
Copilot Altimeter P/N AN5760 S/N 6819
Transponder 1 model GTX 345 Serial Number: 3EG000575
Transponder 2 model GTX 327 Serial Number: 83748257
Altimeters were tested to 30,000 feet. Encoder data correspondence was tested to 30,000 feet using pilot's altimeter as reference. Static and pitot systems leak tested, no leaks noted. Pitot tube 1 and 2 heater functionality check ok.

Details of this inspection and maintenance action and pertinent data are on file at this repair station under associated Work Order.

Carver Aero LLC DBA Revv Aviation
CRS-CGFR811C

Name: 

SUB-TOTALS this page
TOTALS—Carry forward to next page

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 8820028	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215						5. Work Order/Contract/Service Number: 5361085	
6. Item: 320	7. Description: BOLT	8. Part Number: 069-00400	9. Quantity: 1	10. Serial Number: N/A	11. Status/Work: New		
12. Remarks: AUTHORIZED RELEASE DOCUMENT PO#: 1116042							
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: 		13c. Approval/Authorization No.: PC4		14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): TERRY WEEKS		13e. Date (dd/mm/yyyy): 03/Jul/2023		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 8768486	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215						5. Work Order/Contract/Service Number: 5306291	
6. Item: 320	7. Description: BOLT	8. Part Number: 069-00400	9. Quantity: 1	10. Serial Number: N/A	11. Status/Work: New		
12. Remarks: AUTHORIZED RELEASE DOCUMENT PO#: 1098581							
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: 		13c. Approval/Authorization No.: PC4		14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): JENNIFER GREENWELL		13e. Date (dd/mm/yyyy): 23/May/2023		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							


FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

Authority/Country FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			017940
4. Organization Name and Address: Skyline Accessories, LLC 11315 W 57th Pl S. Sand Springs, OK 74063 RSN #Y5KR213B				5. Work Order/Contract/Invoice 24111	
6. Item:	7. Description	8. Part Number	9. Quantity:	10. Serial Number:	11. Status Work:
1	CONDENSER ASSEMBLY	HE81203	1	SA4927	Overhauled
12. Remarks: THE WORK PERFORMED WAS ACCOMPLISHED IAW SAP 1010. THE WORKORDER (SEE BLOCK 3 TRACKING NUMBER) DESCRIBING THE WORK PERFORMED IS ON FILE AT THIS REPAIR STATION. A COMPLETE DESCRIPTION OF WORK PERFORMED IS ON FILE AT THE ABOVE REFERENCED ORGANIZATION UNDER THE WORK ORDER AND SYSTEM TRACKING REFERENCE NUMBER INDICATED IN BLOCKS 3 AND 5. NOTICE: AN AIRWORTHINESS DIRECTIVE MAY APPLY TO THE ARTICLE(S) DESCRIBED HEREON. THE INSTALLER IS RESPONSIBLE FOR ENSURING COMPLETE COMPLIANCE WITH ANY APPLICABLE AIRWORTHINESS DIRECTIVES. "SKYLINE ACCESSORIES, LLC CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11 AND 12 WAS PERFORMED IN ACCORDANCE WITH EASA IMPLEMENTATION RULE PART 145 APPROVAL, AND WITH RESPECT TO THAT WORK, THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVAL NUMBER EASA.145.6762"					
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval/Authorization No:		14b. Authorized Signature:	
13d. Name (Typed or Printed)		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No:	
14d. Name (Typed or Printed)		14e. Date (dd/mm/yyyy)		14f. Date (dd/mm/yyyy)	
Bryan Herman		Bryan Herman		Y5KR213B	
Bryan Herman		Bryan Herman		24/May/2021	
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

Authority/Country FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			018238
4. Organization Name and Address: Skyline Accessories, LLC 11315 W 57th Pl S. Sand Springs, OK 74063 RSN #Y5KR213B					5. Work Order/Contract/Invoice 24325
6. Item:	7. Description	8. Part Number	9. Quantity:	10. Serial Number:	11. Status Work:
1	CONDENSER	HE81203	1	SA4951	Overhauled
12. Remarks: THE WORK PERFORMED WAS ACCOMPLISHED IAW SAP 1010. THE WORKORDER (SEE BLOCK 3 TRACKING NUMBER) DESCRIBING THE WORK PERFORMED IS ON FILE AT THIS REPAIR STATION. A COMPLETE DESCRIPTION OF WORK PERFORMED IS ON FILE AT THE ABOVE REFERENCED ORGANIZATION UNDER THE WORK ORDER AND SYSTEM TRACKING REFERENCE NUMBER INDICATED IN BLOCKS 3 AND 5. NOTICE: AN AIRWORTHINESS DIRECTIVE MAY APPLY TO THE ARTICLE(S) DESCRIBED HEREON. THE INSTALLER IS RESPONSIBLE FOR ENSURING COMPLETE COMPLIANCE WITH ANY APPLICABLE AIRWORTHINESS DIRECTIVES. "SKYLINE ACCESSORIES, LLC CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11 AND 12 WAS PERFORMED IN ACCORDANCE WITH EASA IMPLEMENTATION RULE PART 145 APPROVAL, AND WITH RESPECT TO THAT WORK, THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVAL NUMBER EASA.145.6762"					
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13 b. Authorized Signature:		13c. Approval/Authorization No:	14b. Authorized Signature:		14. Approval/Certificate No:
					Y5KR213B
13d. Name (Typed or Printed)		13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed)		14e. Date (dd/mm/yyyy)
			Keith Blair		12/Jul/2021
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: V1467873	
4. Organization Name and Address: AMETEK Advanced Industries Inc. FAA CRS # OO2R064L 4550 Southeast Blvd., Wichita KS. 67210				5. Work Order/Contract/Invoice Number: V1467873	
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1	MOTOR	MB55B-1	1	094	OVERHAULED
12. Remarks:					
<p>Work performed on 29/Mar/2023 is in accordance with Ametek Advanced Industries Technical Data, MB55B-1 Rev. A</p> <p>For details of the work performed, reference the attached work order. V1467873 9910155-1</p> <p>Certifies that the work specified in block 11/12 was carried out in accordance with EASA PART-145, and with respect to that work, the aircraft component is considered ready for release to service under EASA Part 145 approval number: EASA.145.4019.</p>					
13a. Certifies the items identified above were manufactured in conformity to: [] Approved design data and are in a condition for safe operation [] Non-approved design data specified in Block 12.			14a. [X] 14 CFR 43.9 Return to Service [X] Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43, and in respect to that work, the items are approved for return to service.		
13b. Signature:		13c. Approval/Authorization No.		14b. Authorized Signature:	
				 Geoff Goodway	
13d. Name (Typed or Printed)		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No: OO2R064L	
				14d. Name (Typed or Printed): Geoff Goodway	
				14e. Date (dd/mm/yyyy): 29/Mar/2023	
USER/INSTALLER RESPONSIBILITIES					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the issuer/installer performs work in accordance with the national regulations of an airworthiness authority different then the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>					

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 54921			
4. Organization Name and Address: THE AVIATION GROUP, INC. 211 PROSPECT PARK, PEACHTREE CITY, GA 30269 VGOR728L					5. Work Order/Contract/Invoice 54921			
6. Item:	7. DESCRIPTION	8. Part Number	9. Quantity:	10. Serial Number:	11. Status/Work:			
1	PUMP	A8150-B	1	0599986	TESTED			
12. Remarks: THE ABOVE APPLIANCE WAS OVERHAULED, REPAIRED AND/OR INSPECTED IN ACCORDANCE PER: Manual: JC1000 Revision: E Revision Date: 07/2015 (Full details held on W.O. 54921) Comments: LIFE LIMIT PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES:								
<div style="border: 1px solid black; width: 100%; height: 100%; transform: rotate(-45deg); position: relative; background: linear-gradient(to top right, transparent 49%, black 49%, black 51%, transparent 51%);"></div>			<input checked="" type="checkbox"/> 14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.					
			13b. Authorized Signature:		13c. Approval/Authorization No.:		14b Authorized Signature:	
							 VGOR728L	
			13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d Name (Typed or Printed):	
				JUSTIN B WADE 23/OCT/2023				
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.								