

II

N21930

AIRCRAFT LOG
AL-12P

AIRCRAFT DESCRIPTION

MANUFACTURER CESSNA MODEL 177R6 DATE OF REG. 8-31-74

SERIAL NUMBER 177R60593 REGISTRATION NUMBER N2193P

REGISTERED OWNER AERIAN AIR, INC.

STREET ADDRESS 193 CLEVELAND DR.

CITY, STATE, ZIP CROTON-ON-HUDSON, N.Y. 10520

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

Inspection Status

(Check one)

F.A.R. 91.403 ANNUAL/TIME HOUR

F.A.R. 91.71 PROGRESSIVE

F.A.R. 91.217 SUBPART D

F.A.R. 135.60 A.T.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

ADVISORY NUMBER	ITEM AFFECTED	DATE & HRS AT CLAMP	METHOD OF COMPLIANCE	TYPE OF A.D. / TIME / REPAIR	NEXT CLAMP DATE / HRS. / CYCLE	AUTHORIZED SIGNATURE / CERTIFICATE NO.
76-7-12	104 SW	1-5-82 1154	INSP.	RECUR.	1254	H. M. [Signature]
78-9-782	MP6	1-5-82 1154	INSP.	"	1654	
81-18-404	on P-10	2-8-81 11/2/83	REPAIR - 955A	1 TIME		1A 734240
82-9-786	SW	11/2/83	Insp			[Signature] 18153927
82-11-5	magBear	11/2/83	Insp			
82-20-1	Mag Tights	11/2/83	Insp			

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.170

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY AGENCY CERT
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I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.170 HAVE BEEN PERFORMED. THE ALTIMETER WAS TESTED TO 20,000 FEET ON 27 May 82.
 SIGNATURE E Rowley
 DATE (STATIC SYSTEM TEST) 27 May 82
 CERTIFICATE NUMBER E 19-66

FAR 91.171 has been accomplished I/A/W Part 43 APP E Para. A, B, C as appropriate. The altimeter has been tested to 20,000 feet.

Signature E Rowley

Make ARC Model _____

Serial 284 Date 13 Sep 85

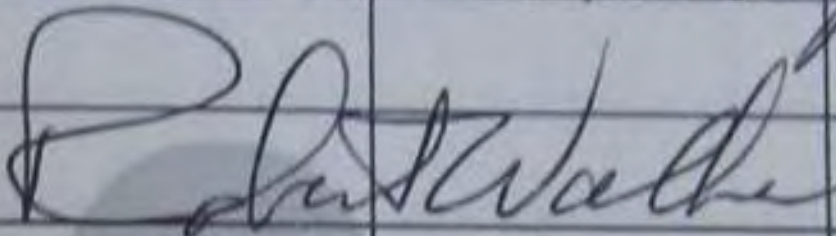
VIP Aero Instruments
 Brainard Airport
 Hartford, Conn. E19-66

REPAIR STATION

E19-66

THIS REPAIR STATION IS NOT REVERIFIED ON RETURN FOR REGULATION

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
5/13/85		RT-359A	Transponder	according to FAR 91.177 and App F FAR 43. All test were satisfactory.		<div style="text-align: right;">  Paul Walker exs 118-90 </div>
<p>ATC transponder tests and inspections required by FAR 91.172 were performed this date <u>13 Sep 85</u> and found to comply with FAR part 43 Appendix F.</p> <p>No. 1: <u>ARC RT 359A</u></p> <p>No. 2:</p> <p>W.O. # <u>B1193</u> Signed: <u>E. Lowley</u></p> <p>VIP Aero Instruments Brainard Airport Hartford, Conn. E19-66</p>						

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

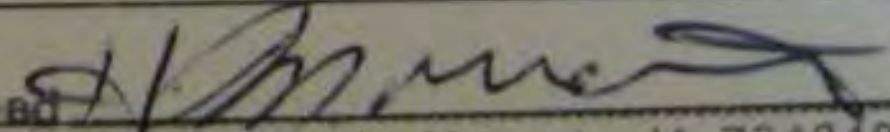
SERVICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
1-5-82	1154.6	C.W. AD 76712 BY INSP. ELT BATTERY ORDERED, CHECKED ALL ELECTRICAL EQUIPMENT, CHECKED & SERVICED BATTERY BRAKES, & TIRES, REPLACED ALL BRAKE LININGS, REPLACED 2 COUPLING SHOCK MOUNTS - LEFT SIDE, GEAR RETRACTION CHECKED, NORMAL & EMERGENCY, RESERVOIR SERVICED. TOTAL TIME AIRC & ENGINE 1154.6 HRS. (TACH.) TIME LAST 12 MOS. 51.6 HRS. DATE LAST ANNUAL 1-8-81

LaGRANGE AIR SERVICE, INC.
SKYACRES AIRPORT, P.O. BOX 618
BILLINGS, N.Y. 12510

I certify that this aircraft/~~engine~~ has been inspected in accordance with a ~~100 hour~~ an annual inspection and was determined to be in an airworthy condition. Date 1-5-82

Total time: 1154.6 hrs.

Signed 
Harold Murrarty, IA 734240

INSPECTION RECORD

F.A.R. 43.11 - 91.217

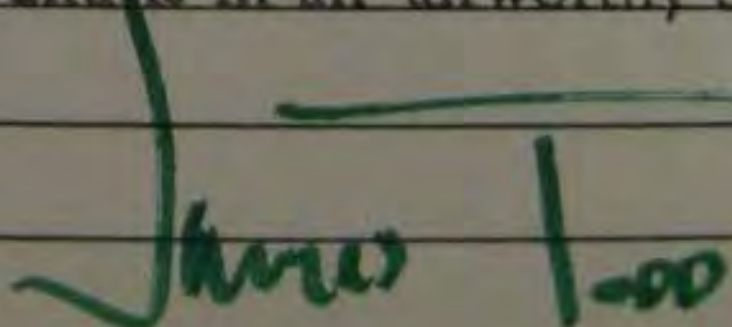
KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
Aug 18, 82	1181.2	<p>REPLACED BRAKE LININGS & FLEX BRAKE LINES L/H LOWER COWL SHOCK MT. REPAIRED R/H & L/H MUFFLER & #4 EXHAUST STALK. REPLACED NOSE GEAR ACTUATOR FLEX LINES. REPLACED R/H & NOSE DOWN SWITCHES & LANDING GEAR POSITION SELECTOR. RE-RIGGED & SERVICED LANDING GEAR SYSTEM. NORMAL & EMERGENCY OPS. CR. PERFORMED. INSTALLED NEW FUEL CAPS & ADAPTERS. ELT BATT REPLACED ALL ROUTINE LUBRICATION & SERVICING ACCOMPLISHED</p>

I certify that this AIRCRAFT has been inspected in accordance with a ANNUAL inspection and is in an airworthy condition.

ELT BATT EXP: 7-84


 James L. O'D
 IA 2235947

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

I certify that this Aircraft/Engine has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

*Inspection Test, replaced fuel pump, reset cabin timer
chugs as listed*

Name John P. Dennis
Lic # A&P 1603927
Date 9/21/83

DATE 9/21/83 AIRCRAFT TIME IN SERVICE 12057

10-10-84 TACH TIME 1238.0 TOTAL TIME 1238.0 OPENED ALL NECESSARY ACCESS COVERS LUBED AND INSPECTED ALL CONTROL ROD ENDS AND PULLIES. CHECKED FOR CHAFING. SERVICED BATTERY. SERVICED GAS SCALATION. SERVICED LANDING GEAR. PERFORMED RETRACTION CHECK. SERVICED ALL WHEEL BEARINGS. REPLACED BRAKE DISCS AND

DATE 10-10-84
TOTAL AIRCRAFT TIME 1238.0
TACH. READING 1238.0
ENGINE TIME SMOH 1238.0

SCHNEIDER AIR SERVICE
NORTH SMITH ROAD
GRANGEVILLE, N.Y. 12540
914-677-9353

I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Robert Lind AIP 543669529

10-10-84 1238.0 TOTAL TIME AIRC & ENGINE
1238.0 HRS. (TACH.) TIME LAST
12 MOS. 32.3 HRS. DATE
LAST ANNUAL 9.21.83

I certify that this AIRCRAFT/ENGINE has been inspected in accordance with ~~A 100 HR~~ AN ANNUAL inspection, and was determined to be in airworthy condition.
Date 10-10-84 Total Time 1238.0

Signed H. Murrarty
Harold Murrarty, IA 734240

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
7-6-85	TACH TIME 1255.0	OVERHAULED ALTERNATOR. REPLACED ALTERNATOR BELT. DESLOYGED PROP. REPLACED PROP. O'RING. Robert Lind A/P 543669529
11-14-85	TACH TIME 1274.3	AIRCRAFT TOTAL TIME 1274.3 OPENED ALL NECESSARY ACCESS COVERS - LYBED AND INSPECTED ALL CONTROL ROD ENDS AND PULLISS. CHECKED FOR CHAFING. SERVICED GASULATOR. SERVICED BATTERY. SERVICED WHEEL BEARINGS. PERFORMED GEAR RETRACTION CHECK. REPLACED VOLUME CENTRAL FILTER. DATE 11-14-85 TOTAL AIRCRAFT TIME 1274.3 TACH. READING 1274.3 ENGINE TIME SMOH 1274.3 I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Robert Lind A/P 543669529
11-14-85	1274.3	TOTAL TIME AIRC, & ENGINE 1274.3 HRS, (TACH.) TIME LAST 12 MOS, 361.3 HRS, DATE LAST ANNUAL 10-10-84 I certify that this AIRCRAFT/ENGINE has been inspected in accordance with A 100 HR JAN ANNUAL inspection, and was determined to be in airworthy condition as of this date. Date 11-14-85 Total Time 1274.3 Signed H. Murr Harold Murrarty, IA 734240

SCHNEIDER AIR SERVICE
NORTH SMITH ROAD
LaGRANGEVILLE, N. Y. 12540
914-677-0353

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	
12-25-85	TACH TIME 1279.5	REPLACED AIR SPEED INDICATOR WITH MODEL EA5174 SERIAL NUMBER T26446. Robert Lind A/PC43669529
11-29-86	TACH TIME 1329.4	TOTAL TIME 1329.4 OPENED ALL NECESSARY ACCESS COVERS. LUBED AND INSPECTED ALL CONTROL ROD ENDS AND PULLIES. CHECKED FOR CHAFING. ADJUSTED AILERON CABLE TENSION. SERVICED GASCOLATOR. SERVICED BATTERY. SERVICED LANDING GEAR TIRES WHEEL BEARINGS. PERFORMED GEAR RETRACTION CHECK. REPLACED NOSE GEAR UP LOCK ACTUATOR ROD. REPLACED NOSE GEAR DOWN LOCK SWITCH. COMPLIED WITH AD 86-19-11.
		DATE 11-28-86 TOTAL AIRCRAFT TIME 1329.4 TACH. READING 1329.4 ENGINE TIME 610H I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Robert Lind 1A543669529
2-11-87	TACH TIME 1333.0	REPLACED ELT BATTERY. DUE DATE JAN. 90. Robert Lind 1A543669529

SCHNEIDER AIR SERVICE
NORTH SMITH ROAD
LAGRANGEVILLE, N.Y. 12540
914-677-9353

DOFF 315 ES No. 7090474 FORD Mfg.

RECORD

91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
3-10-87	TACH TIME 1338.2	TOTAL TIME 1338.2 INSTALLED PRECISE FLIGHT STANDBY VACUUM SYSTEM IN ACCORDANCE WITH AIRFRAME STC # SA 2162 NM. Robert Lind 1A543669529
4-24-87	TACH TIME 1339.9	COMPLIED WITH AD 86-24-07. Robert Lind 1A547669529

Oct. 9, 1987 Tach 1436.1

Removed alternator & Regulator.
Replaced alternator with REBUILT
Electrosystems unit. Replaced
Regulator with new ElectroDELTA unit.

A/P 457821279

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
11-21-87	TACH TIME 1448.8	TOTAL TIME 1448.8. OPENED ALL NECESSARY ACCESS COVERS. LUBED AND INSPECTED ALL CONTROL ROD ENDS AND PULLIES. CHECKED FOR CHAFING. SERVICED GASOLATOR. REPLACED BATTERY. SERVICED LANDING GEAR AND TIRES. PERFORMED GEAR RETRACTION CHECK. COMPLIED WITH AD 87-20-03 BY INSPECTION.
		<p>48</p> <p>SCHNEIDER AIR SERVICE NORTH SMITH ROAD LAGRANGEVILLE, N.Y. 12840 914-677-9353</p>
		<p>DATE 11-21-87 TOTAL AIRCRAFT TIME 1448.8 TACH. READING 1448.8 ENGINE TIME SMOH I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Robert Lind 1A54364529</p>
3-7-88	TACH TIME 1456.7	INSTALLED AIRCRAFT MAKE, MODEL, SERIAL NUMBERS ON LEFT SIDE FUSELAGE NEAR LEADING EDGE OF STABILATOR. Robert Lind 1A54364529
4-14-88	TACH TIME 1463.0	REPLACED RIGHT MAIN TIRE AND TUBE. REPLACED ALL BRAKE PADS. Robert Lind 1A54364529

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6-16-88	TACH TIME 1480.7	REPLACED VAC. PUMP WITH S/N 05A004483. Robert Lind 1A543669529
12-18-88	TACH TIME 1514.4	TOTAL TIME 1514.4 OPENED ALL NECESSARY ACCESS COVERS. LUBED AND INSPECTED ALL CONTROL ROD ENDS AND PULLIES. CHECKED FOR CHAFING. SERVICED BATTERY. SERVICED GASCOLATOR. SERVICED LANDING GEAR. TIRES. WHEEL BEARINGS PERFORMED GEAR RETRACTION CHECK. REPLACED ALL FUEL CAP O'RINGS. COMPLIED WITH AD 88-12-12.

SCHNEIDER AIR SERVICE
NORTH SMITH ROAD
T. GRANGEVILLE, N. Y. 12548
914-677-8353

DATE 12-18-88
 TOTAL AIRCRAFT TIME 1514.4
 TACH. READING 1514.4
 ENGINE TIME SMOH _____
 I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
 Robert Lind 1A543669529

1-16-90 Tach Time 1548.2 Total Time 1548.2 Open all Inspection covers Lubricated all controls, Rod Ends, and pullies, checked cables for chafing, serviced Battery, serviced gascolator, performed retract test ok, serviced landing gear, tires and wheel bearings. All Ad's complied with those 88-12-12, CW 87-20-03 R. Sent track Ad by Inspection due next @ 1648.2 and 76-07-12 Re. I can guarantee function test due next @ 1648.2 I certify that this Aircraft has been inspected in accordance with an annual inspection and was determined to be

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
		Dana A. Noy A I.A. 072608774
6-22-91		Installed New Tach 0000.0 overigand Tach 1572.6 Dana A. Noy ATP 072608774
6-29-91		Install New windshield Tach Time 1.6 Dana A. Noy ATP 072608774
~~~~~		
3-23-91		Annual Inspection Tach Time 1367.1
		opened all Inspection pannels, lubricated all contralls, Total Time 1567.1
		Rod Ends, pulleys, Checked For Chaffing, Serviced Battery, Serviced gasculator,
		Serviced Landing gear, Tires and wheel bearings, performed Gear retract Test ok.
		Repland Nose Tire and main tire, repland Bracket air Filter, Repland Fuel line
		From Fuel selector to tunnel, Accomplished Fuel Restrictor kit, CW AD 87,20,03
		By Inspection Due next @ 1667.1 and CW AD 76-07-12 Bendix Ign
		Switch Function Test Due next @ 1667.1 all Ad's check to 88-12-12
		I certify that this aircraft has been inspected in accordance with an annual Inspection and
		was determined to be in an airworthy condition Dana A. Noy I.A. 072608774
8-24-91		Installed PS 1000 Intercom See 337 Form this date Dana Noy I.A. 072608774
11-6-91		Aircraft made ready for ferry flight from Columbia County Airport to Shavers
Airport		Dana A. Noy ATP 072608774 Tach Time 12.7 Total Time 1585.4



# INSPECTION RECORD

## F.A.R. 43.11-91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
2-10-92		Annual Inspection
		Tach Time 13.5
		Total Time 1586.1
		Time Since Last Annual 19.0
		opened all inspection pannels, lubricated all controls, pulleys + surfaces, checked for chafing, serviced Battery
		serviced gasculator (clean), serviced landing gear, bearing, tires + brakes performed gear retract test satisfactory, Replaced Bouchet Air filter CW A.D. 87-20-03 Re
		Sent tracks by inspection, A.D. 96-07-12 Bendix ECM function test Both A.D.'s due
		each 100 hrs and due @ 113.5 Tach @ 1686.1 Total Time, Engine + Propeller
		Removed at this time for overhaul and all accessories overhauled except vacuum pump.
		All hoses replaced + RH muffler overhauled, restined Forward Belly and replaced LH
		stringer + Bulkhead by 337 + his date. All A.D.'s check + CW to date.
		I certify that this aircraft has been inspected in accordance with an annual inspection
		and was determined to be in an airworthy condition David A. Hoyt IA 072603774 2/19/92
		End



# INSPECTION RECORD


## F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME  
IN SERVICE

  
**OXFORD AVIATION INC.**

(207) 539-4779

Date Nov. 22, 1992 N# 2193Q Tach 32.4  
 AIRCRAFT STRIPPED, PRESSURE CLEANED, ETCHED, ALODINED, TWO  
 COATS OF ZINC CHROMATE PRIMER, TWO COATS OF DUPONT IMRON.  
 # 7372^{2w} # 143 Maroon # 48 Red # _____  
 CONTROL SURFACES BALANCED AS REQUIRED.  
 APPROVED FOR RETURN TO SERVICE.  
 DATE 11-22-92 SIGNATURE Lee J. Harper  
 REPAIR STATION NO./CERTIFICATE NO. A+P2206773.

4-3-93

Annual Inspection

Tach Time 36.0

opened all inspection panels, lubricated all controls

Total Time 1608.6

pullies + Surfaces, checked for chaffing and damage by

Time Since Last Annual 22.5

fasting process, serviced battery, serviced gasculator, cleaning serviced landing gear

bearings, tires + brakes, performed gear retract test and Emergency Extension test

struts, serviced gear actuator reservoir with mil-4-5606 hydraulic oil, replaced bracket

on filter C.W.A. 87-20-03R₂ Seat Tracks by Inspection II (3) (4) (1) (2) (3) (4) (5) (6) (7)

Due Each 100 hrs Due Next @ 1722.1 Total Time, AD 76-07-12 Reading

ILN Function test Due Each 100 hrs Due Next @ 1722.1 Total Time, I

Certify this aircraft has been inspected in accordance with an annual inspection and  
 was determined to be in an airworthy condition OAUDD 8 May IA 072603774 Lee J. Harper



SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	
4/13/93		Encoding A/limiter sent out for function test At P072608774 Dan G. [Signature]
8/9/93		Transponder A/limiter check performed by Northeastern Avionics Tech 60.2
8/19/93		Replaced A/ternator with overhauled unit by ^{Dan G. [Signature]} At P072608774 Tech 60.2
10/14/93		Changed oil 8 qts Aeroshell 15w 50 changed Filter run-up no leaks Tech 72.5

ATC transponder tests and inspections required by FAR 91.413 were performed this date 08-19-93 and found to comply with FAR part 43 Appendix F.

No. 1: A.R.C. RT359A # 303  
 No. 2: N/A

W.O. # 3087 Signed: [Signature]  
 Northeastern Avionics Inc. FVHRO55E

FAR 91.411 has been accomplished I/A/W Part 43 App E Para. (A) (K) (G)  
 The altimeter has been tested to 20,000 feet.

Signature: [Signature]  
 make: Watt's model: 5934  
 serial: _____ date: 08-09-93

Northeastern Avionics Inc. FVHRO55E



# INSPECTION RECORD

## F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
4-10-94		Annual Inspection	Tach Time 77.3
		opened all Inspection pannels, Lubricated all controls and surfaces, checked for chaffing, serviced Battery, Serviced Gascolator, Serviced Landing gear, wheel bearings tires + brakes, performed gear retraction test and Emergency Extension test satisfactory, Serviced gear power pack with mil-1t-5606 Hydraulic oil to full level. Replaced Bracket air filter, CW AD 87-20-03 R2	Total Time 1649.9 Since last Annual 41.3
		Seat tracks by Inspection II (B)(a)(1)(2)(3)(4)(5)(6)(7) Due Each 100 hrs	
		Due next at <del>1749.9</del> Total Time AD 76-07-12	Bendix Ign Function
		test (switch) Due Each 100 hrs Due next @ <del>1749.9</del> Total Time	
		AD 81-15-03 found in compliance with A (b) Bracket Air filter. I certify that this aircraft has been inspected with an annual Inspection and was determined to be in an airworthy condition	David A. Hoyt IA 072608774
		<u>Paul A. Huff</u>	
7-15-94		Replaced Nose gear Down Indication Switch, gear retract test performed satisfactory	David A. Hoyt AIP 072608774 Paul A. Huff.



# INSPECTION RECORD

## F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
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Cessna 177RG0953 N2193Q 04/18/95 100 Hour Inspection

Tach Time 100.8 Total Time 1673.4 Time since last Insp 21.6 Time Since Major Overhaul 87.3 Time since Prop Overhaul 87.3

Removed all inspection plates. Lubricated all pulleys, bearings and control surface hinges. Drained and flushed fuel system. Removed fuel vent drain plugs and inspected for contamination. Inspected brake system for function and inspected brake lines, calipers, and master cylinders for leaks. Tested landing gear for proper retraction and extension. Checked gear doors for proper fit and operation. Checked emergency extension operation. Checked brushes on electric hydraulic pump. Checked all gear bearings and lubricated same. Replaced Brackett air filter assy BA-5710 with a new assy of the same type. Checked and lubed all wheel bearings. Inspected all control surfaces and lubed all hinges, pulleys, and bearings. Inspected balance weight attachment and brackets. Cleaned battery box and serviced battery. Cleaned gascolator & injector fuel screens. AD 87-20-03 R3 (seat track) complied with. AD 76-07-12 complied with (Bendix Ignition switch). AD 95-03-02 N/A by filter ass'y number. I certify that this aircraft has been inspected in accordance with a 100 Hr. inspection and found to be in an airworthy condition.

*Bill G Hoyt*

AP 376287285

-----  
END  
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**F.A.R. 43.11 - 91.217**

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
4/18/95		Annual Inspection
I certify that this Aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition IA 072608774 <u>David A Hoyt</u>		Tach Time 100.8 Total Time 1673.4 Time since last Annual 21.6 <u>David A. Hoyt</u> End

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43. Appendix F

ATC transponder #1 make / model RT-357A SN  
#2 make / model STN

Details of this inspection are on file at this repair station under W/O # 5334 Date 8/9/95  
Signature CK Oleson Certificate # 2297345

Proction Avionics Inc.  
CRS # 001R383K

Left & Right Altimeters

The Altimeter and static system tests required by FAR 91.411 were performed this date and found to comply with FAR 43 Appendix E. Altimeter was

Tested to 18000 feet on 8-9-95  
Signature CK Oleson

Proction Avionics Inc.  
CRS # 001R383K



7/1/96 Tach time 128.5 Total Time 1701.1 Time Since Overhaul 115. Time since last inspection 27.7 Removed all inspection plates. Inspected all control cables and pulleys. Lubed all pulleys. Inspected landing gear wheels and lubed wheel bearings, and all grease fittings. Inspected retraction system for correct operation and that gear doors fit properly. Tested emergency gear hand pump operation and all gear warning lights and horn for proper operation. Checked hydraulic fluid level in gear pump. Checked fluid level in brake master cylinders. Inspected condition of electrical cables and connections. Checked all exterior lights for correct operation. Serviced battery and cleaned battery box. Replaced ELT battery. ELT was tested in accordance FAR 91.207 (d) (1 though 4) and has passed all tests. Next replacement due 1/31/96. Checked all control surfaces for condition & operation. Inspected flaps & motor & flap indicator. Lubricated all hinges and pulleys. AD 86-19-11 complied with by addition to Owner's manual. AD 93-02-05 (injector lines inspection) complied with. AD 76-02-12 (Bendix ign sw) complied with. AD 87-20-03 R2 (Seat track) complied with.

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and is in an airworthy condition.

Bill J. Hoyt AP 376287285 7/1/96

*Bill J. Hoyt*

-----END-----

DATE	<u>7/1/96</u>
TOTAL AIRCRAFT TIME	<u>1701</u>
TACH. READING	<u>128.5</u>
CR. TIME SMOH	<u>115</u>

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

*John A. [Signature]*

IA 072608774



# INSPECTION RECORD

## F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE AIRCRAFT TIME IN SERVICE

Tach Time 151.1 Total Time 1723.7 Time since annual 22.6

Removed spinner. Inspected spinner, hub, bulkhead, & prop for cracks and damage. Checked & lubed engine control cables & vent/heat control cables. Inspected ignition harness for wear and condition. Replaced both main tires and one race P/N 138360 and bearing P/N 13889 on the left outside main wheel. Inspected all wheels for cracks. Inspected nose gear for wear and damage. Replaced nose gear tire. Performed a retract test checking for gear wear, damage, and operation. Checked emergency gear extension operation and gear up, gear down switches and indicators for correct operation. Checked all hydraulic hoses and connections for leaks and condition. Checked fluid level in power pack. Checked nose gear doors for proper adjustment and operation. Cleaned & lubed all grease fittings. Checked nose gear down lock adjustment. Serviced nose gear strut. Inspected all control cables for wear. Inspected and lubed all control cable pulleys, bell cranks and control surface hinges. Replaced left cowl flap hinge and nose gear door hinge bushings. Installed new nose gear door bumpers. Inspected & cleaned battery box and serviced battery. Cleaned, inspected, & lubricated stabilator trim mechanism. Replaced stabilator trim tab rod end bearing with Cessna P/N S2022-1. ELT battery to be replaced by Jan. 1998. ELT tested per 91.207 d(1-4) and passed all tests. C/W AD 87-20-03-R2. (Seat rail inspection) Next Due @ 1723.71 hrs (251.1 Hrs tach time). (Next 100 Hrs) or annual). Replaced 3 lower cowl shock mounts (J7444-14)

I certify that this airframe has been inspected in accordance with a 100 hour inspection and found to be in an airworthy condition.

Bill J. Hoyt AGP 376287285 7/14/97

*Bill J. Hoyt*

END

DATE 7/14/97  
 TOTAL AIRCRAFT TIME 1723.7  
 TACH READING 151.1  
 ENGINE LOG SMON 117.6

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH Annex 1 INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

*David A. Hoyt*

FA 072608774

DATE  
 TOTAL AIRCRAFT TIME  
 TACH READING  
 ENGINE LOG SMON  
 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNEX 1 INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.



# INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE  
AIRCRAFT TIME IN SERVICE

*Left & Right*

The Altimeter and static system tests required by FAR 91.411 were performed this date and found to comply with FAR 43 Appendix F. Altimeter was

Tested to 18000 feet on 8-5-97

Signature *C. E. Olson*  
Precision Avionics Inc.  
CRS # 002115383K

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

ATC transponder #1 make, model RESNA SN 303  
#2 make, model RESNA SN 303

Details of this inspection are on file at this repair station

Under W/O # 6276 Date 8-5-97  
Certificate # 2297345

Signature *C. E. Olson*  
Precision Avionics Inc.  
CRS # 002115383K



# INSPECTION RECORD

## F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME  
IN SERVICE

Tach Time 174.7 02/08/98

Replaced ELT Battery with SHARC 7 P/N 00-04-006A. Replacement required March, 2000. Tested ELT for proper operation.

Bill J. Hoyt A&P 376287285 02/08/98

*Bill J Hoyt*

END





Tach Time ~~182.7~~ Total Time 1755.3 Time since last annual 31.6

179.3

Removed spinner. Inspected spinner, hub, bulkhead, & prop for cracks & Damage. Checked & Lubed engine control Cables & heat/vent cables. Inspected ignition harness For wear & condition. Removed wheels & inspected wheels & bearings. Lubed bearings. Performed retract test, checking for gear wear, damage, & operation. Checked emergency extension, and gear up, gear down switches and indicators for correct operation. Checked hydraulic hoses & connections for leaks & condition. Checked fluid level in power pac. Checked gear down lock adjustment. Inspected and lubed all control cables, pulleys, bell cranks, and control surface hinges. Fuel vent system inspected. Replaced battery. C/W AD 87-20-03-R2. (seat rail inspection). Next due @ 192.7 Hrs tech time or by 10/14/10. AD 76-07-12 ( Ignition sw function test) performed. Replaced oil line to oil pressure sw. Replaced three bottom cowel mounts. Replaced ELT battery.( next due 01/2011). Repaired left nav light ground connection. I certify that this airframe has been inspected in accordance with a 100 hour inspection and to be in an airworthy condition.

Bill J. Hoyt AP 376287285 10/14/09

*Bill J. Hoyt*



# INSPECTION RECORD

## F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
------	--------------------------	-----------------------------------------------------------------------------------------------------------------------------------

Tach Time ~~182.7~~ Total Time 1755.3 Time since last annual 31.6

179.3

Removed spinner. Inspected spinner, hub, bulkhead, & prop for cracks & Damage. Checked & Lubed engine control Cables & heat/vent cables. Inspected ignition harness For wear & condition. Removed wheels & inspected wheels & bearings. Lubed bearings. Performed retract test, checking for gear wear, damage, & operation. Checked emergency extension, and gear up, gear down switches and indicators for correct operation. Checked hydraulic hoses & connections for leaks & condition. Checked fluid level in power pac. Checked gear down lock adjustment. Inspected and lubed all control cables, pulleys, bell

### N2193Q PACKAGE,

1. Remove existing ARC radio package and all wiring.
2. Install Garmin GMA-347 Audio-Marker-Intercom system, GNS-530W NOH Nav-Com-WAAS-GPS system, ASPEN PRO EFD-1000 Electronic Flight Display system with flush mount. Install a Garmin GNS-330 Mode-S transponder with TIS interfaced and traffic displayed on GNS-530W and ASPEN Pro. Installed a ACK A-30 blind encoder. Install a used serviceable KY-197 Com, KN-53 Com driving a KI-203 CDI.
3. Design, fabricate, paint and install a custom 1 piece pilot, copilot and radio instrument panel using nu-lites for backlighting all non lit instruments.
4. Install ASPEN MFD-500 Multi-Function-Display with flush mount and a EWR-50 XM weather receiver.
5. Remove Sharc-7 ELT and install a ARTEX ME-406 ELT system.
6. Install electric clock, ran wire to battery and wired to dimmer system.
7. Replace 2 broken static wicks.
8. Complied with FARS 91.411 & FAR 91.413 transponder, encoder, altimeter, static system inspections satisfactory.

CK Olson # 2297345 -  
Precision Avionics CES 0012393K







# INSPECTION RECORD

## F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

DATE

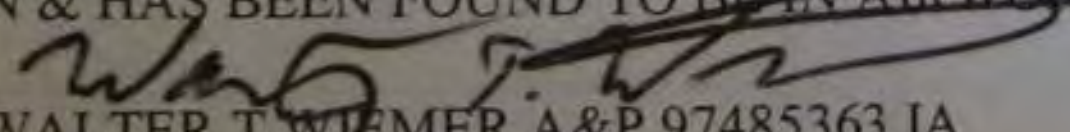
AIRCRAFT TIME  
IN SERVICE

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

SWIFT AVIATION INC  
121 OSWEGO RD  
PLEASANT VALLEY NY 12569  
845-677-6736

DATE: 12/01/09  
TACH: 179.3

OPENED ALL NECESSARY INSPECTION PANELS INSPECTED & LUBRICATED ALL CONTROL RODS, CABLES, PULLEYS ETC. REPACKED WHEEL BEARINGS, C/W FAR 91.207 PAR D BY INSP & TEST OF ELT. C/W AD 99-24-10 BY INSPECTION OF SHUTTLE VALVE CABLE & OPS PER PAR (B) (C). C/W AD 76-07-12 BY INSP & OPS CHECK OF MAG SWITCH. C/W AD 87-20-03 R2 BY INSP OF SEAT TRACKS. C/W AD 2008-26-10 BY INSP OF ALTERNATE STATIC VALVE PORTS FOR OBSTRUCTIONS, NONE WERE NOTED. REPLACED ALL TIRES, TUBES & LEFT LANDING LIGHT. PERFORMED L/G RETRACTION TEST NORMAL & EMERGENCY. OTHER ROUTINE MAINTENANCE HAS BEEN ACCOMPLISHED AT THIS TIME. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION.

  
WALTER T WIEMER A&P 97485363 IA



INSPECTION REPORT  
F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE  
AIRCRAFT TIME  
IN SERVICE

SWIFT AVIATION INC  
121 OSWEGO RD  
PLEASANT VALLEY NY 12569  
845-677-6736

DATE: 12/17/09  
TACH: 180.8

REPLACED THROTTLE CABLE & NOSE GEAR DOOR HINGES.  
RESEALED SHIMMY DAMPENER. INSTALLED JPI EDM-700-4C  
WITH FUEL FLOW S/N 29278 I.A.W. INSTALLATION MANUAL.

WALTER T WIEMER A&P 97485363 IA

9-14-11

Remove KY-197 & KN-53. Installed Garmin  
GNS-430W & GI-106A CDI. Complete FAA337  
ICA, weight & Balance & equipment list  
revision. *ck @ ew # 2297345*

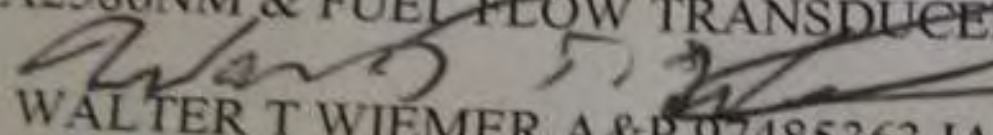
Precision Avionics Inc  
CRS # 001R383E



SWIFT AVIATION INC  
121 OSWEGO RD  
PLEASANT VALLEY NY 12569  
845-677-6736

DATE: 07/20/11  
TACH: 200.7

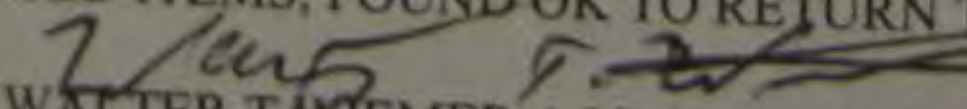
REMOVED ALL SWITCHES, CIRCUIT BREAKERS & PUSH-PULL CABLES FROM LOWER INSTRUMENT PANEL. REPLACED LOWER INSTRUMENT PANEL PLATES & ALL SWITCHES, REINSTALLED CIRCUIT BREAKERS. LUBRICATED & REINSTALLED PUSH-PULL CABLES. INSTALLED ELECTRONICS INTERNATIONAL DIGITAL TACHOMETER MODEL R-1 IAW STC SA5924NM. INSTALLED S-TEC CORPORATION SYSTEM 55X TWO AXIS AUTOMATIC FLIGHT GUIDANCE SYSTEM IAW STC SA09126AC-D. INSTALLED J. P. INSTRUMENTS MODEL EDM-830 ENGINE TEMPERATURE MONITORING SYSTEM IAW STC SA2586NM & FUEL FLOW TRANSDUCER IAW STC SA00432SE.

  
WALTER T WIEMER A&P 97485363 IA

SWIFT AVIATION INC  
121 OSWEGO RD  
PLEASANT VALLEY NY 12569  
845-677-6736

DATE: 06/10/10  
TACH: 187.3

REPLACED LOWER FUEL SUMP DRAIN.  
REPLACED PILOTS DOOR HANDLE & SHAFT ASSEMBLY.  
TESTED ALL REPLACED ITEMS, FOUND OK TO RETURN TO SERVICE.

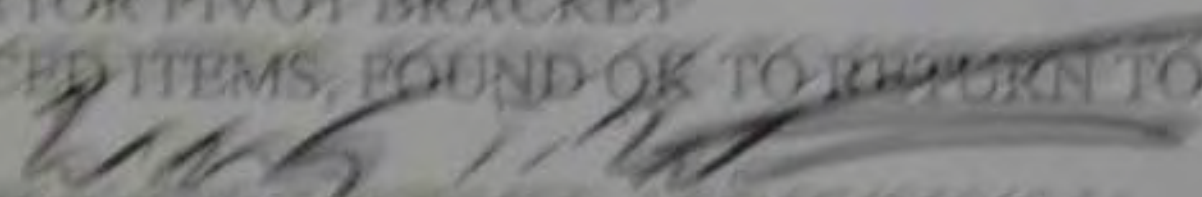
  
WALTER T WIEMER A&P 97485363 IA



SWIFT AVIATION INC  
121 OSWEGO RD  
PLEASANT VALLEY NY 12569  
845-677-6736

DATE: 01/22/10  
TACH: 180.8

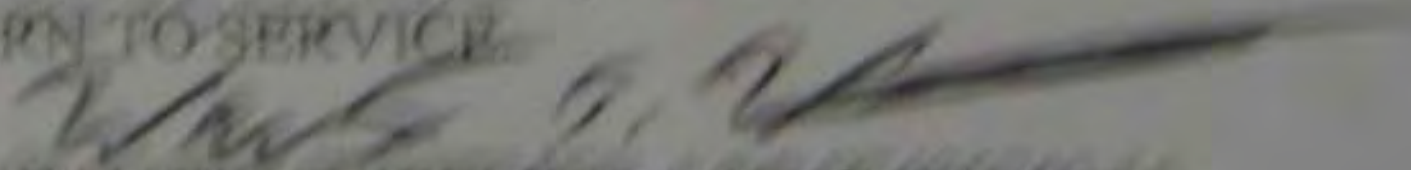
REPLACED STARTER WITH LIGHT WEIGHT SKYTEK UNIT.  
REPLACED ALTERNATOR PIVOT BRACKET  
TESTED ALL REPLACED ITEMS, FOUND OK TO RETURN TO SERVICE.

  
WALTER T WIEMER A&P 97485363 IA

SWIFT AVIATION INC  
121 OSWEGO RD  
PLEASANT VALLEY NY 12569  
845-677-6736

DATE: 07/21/10  
TACH: 190.4

REPLACED ENGINE VIBRATION (LORD) MOUNTS.  
FOUND OK TO RETURN TO SERVICE.

  
WALTER T WIEMER A&P 97485363 IA







REPLACED BA...  
TESTED ALL REPLACED ITEMS, FOUND OK TO RETURN TO SERVICE.

*Walter T Wiemer*  
WALTER T WIEMER A&P 97485363 IA

SWIFT AVIATION INC  
121 OSWEGO RD  
PLEASANT VALLEY NY 12569  
845-677-6736

DATE: 07/21/10  
TACH:190.4

REPLACED LEFT & RIGHT BRAKE DISCS.  
DRAINED RIGHT FUEL TANK, REMOVED UPPER FUEL COVER PLATE, R&R FUEL SENDING  
UNIT FOR OVERHAUL & RE-SEALED COVER PLATE.  
REPLACED TAIL BEACON CIRCUIT BREAKER.  
RESEALED COMPASS.  
REPLACED PILOTS O/B SEAT RAIL.  
TESTED ALL REPLACED ITEMS, FOUND OK TO RETURN TO SERVICE.

*Walter T Wiemer*  
WALTER T WIEMER A&P 97485363 IA



3262748  
 3262748  
 91.217  
 RELEASE CERTIFICATE  
 APPROVAL TAG

INSPECTION - STATUS & DISCREPANCY LIST  
 SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	
9-28-11	TACH 219.6	<p>INSTALLED NEW L/H WING TIP STROBE BULB &amp; POWER SUPPLY INSTALLED TELEDYNE ALPHA BEAM DIRECT REPLACEMENT LANDING &amp; TAXI LIGHT BULBS REPLACED PILOT SIDE OBD. SEAT TRACK PN ML2011015-5 REPAIR LANDING GEAR RELAY WIRING AS REQ. CONFIGURED FUEL VENT SYS PER MAINT MANUAL INSTALLED NEW SEAT ROLLER SPACER WASHERS &amp; SEAT STOPS, PILOT &amp; COPILOT SEATS. ALL SYSTEMS OPS CHECKED PER C-177EG MAINT MANUAL</p> <p style="text-align: right;">AP 2235947</p>

10-20-11	221.0	<p>INSTALLED CESSNA KITS SK 177-52 L/H FUEL GAUGE AND SK 177-55 OIL GAUGE REPLACED L&amp;R FUEL CAP GASKETS REPAIRED INST. POWER LIGHTS AS REQ SYSTEMS OPS CHECKED OK</p> <p style="text-align: right;">AP 2235947</p>
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# INSPECTION RECORD

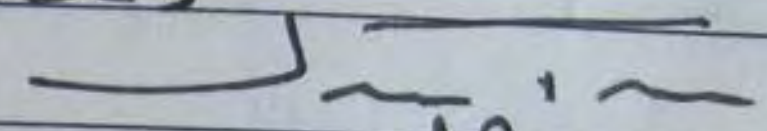
## F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
10-31-11		Installation Reason SUN VISION IAW SIC SA 19167 see Form 332 TAX DATE
		AP 2275947
11-15-11		The Altimeter and static system tests required by FAR 91 411 were performed this date and found to comply with FAR 43 Appendix E. Altimeter was tested to <u>20000</u> feet on <u>11-15-11</u> Signature <u>[Signature]</u> Precision Avionics Inc. CRS # 0Q1R383K
		This ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR43 Appendix F.
		ATC transponder #1 Make Model <u>C7-30</u> s/n <u>[Signature]</u> #2 Make Model <u>[Signature]</u> s/n <u>[Signature]</u>
		Details of this inspection are on file at this repair station under WO# <u>11235</u> Date <u>11-15-11</u> Signature <u>[Signature]</u> Certificate <u>2297345</u> Precision Avionics Inc. CRS #0Q1R383K







DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
3-19-12		
TACH	278.6	INSTALLED NEW VR (W) VOLTAGE REGULATOR
		GROUND RUN & CHECKED
		 AP 2235947

70



INSPECTION RECORD  
F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
3-19-12	Tach 278.6	Installed new VR 60V VOLTAGE REGULATOR around RVW & CHECKED AP 2235947
5-21-13	1840.2 Tach 267.6	Replaced grammet on Fwd NLG Door. Resealed + Bled L/R Brakes. Replaced Flap Chaff buttons as needed. Replaced static wick on left Aileron. Serviced NLG Shimmy Dampner + Replaced STAT-o-seal. Retorqued B' nut + cleaned fuel stains on RH Fuel header tank under cabin floor. Treated minor spot of corrosion inside R. wing with corrosion X. AS REQ. - light Retorqued loose nuts for Right cabin door stay attach bracket. C/W FAR 91.207 (part) ELT Test + Insp. Battery Due NOV 2015. C/W AD 2011-10-09 Seat/Seat Track Insp. NO DEFECTS NOTED. C/W AD 76-07-12 RI Bendix Ign Sw by ops check. All routine Servicing + Lubrication Accomplished. I certify that this AIRCRAFT has been inspected in accordance with a 100 hr inspection and is in an airworthy condition. Ken S. Adams AP69629647

INSPECTION RECORD  
F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
7-23-2013	1884.0 Tach 311.4	Changed oil and filter, Serviced with Aeroshell 15W50 Removed, cleaned Replaced #2 fuel Injector A/P/H



104 Grafton Drive Portsmouth New Hampshire 03801  
FAA Certified Repair Station No. P49R490N

August 13, 2013 N2193Q Cessna 177RG S/N 177RG0593 Hobbs: 1506.8 W/O A11936  
Installed Main Software version 5.03 and GPS Software version 5.0 in the GNS 530W and GNS430W IAW Garmin  
Software Service Bulletin No. 1317 Rev A.  
Removed inoperative Aspen ACU (Analog Converter Unit) P/N 910-00004-001 S/N 10046 and installed a new ACU P/N  
910-00004-001 S/N 13625. Relocated and re-terminated all Aspen ACU system ground wires from the ACU cover plate  
mounting screws to the ACU P1-P3 connector back-shells. Corrected miss-pinned wiring at the P1 connector of the STEC  
55X autopilot computer as follows; extracted wire/pin from position 11 and inserted into position 12. Extracted wire/pin  
from position 10 and inserted into position 11. Continuity check of course and heading wiring between P3 on the Aspen  
ACU and P1 on the STEC 55X computer checks good. Ground operational checks of the autopilot system and Aspen  
PFD checks good.  
The aircraft and/or components identified above were repaired in accordance with current FAR'S as well as manufacturer  
recommendations and are approved for return to service.  
Authorized Signature: Sean Adams

I certify that this AIRCRAFT  
has been inspected in accordance  
with a ANNUAL inspection  
and is in an airworthy condition.  
Jan 1 2015 FA 2235947



1193Q

# INSPECTION RECORD F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	
12-12-13	363.8	Installed New Nose Strut Kit From McFarlane P/N NSS-KT-1. Serviced w 5606 Hyd Fluid And Nitrogen All leak and opps checks fine at this time <i>Chris Drago</i> A/P 2528999
3-19-14	365.0	Installed New Prop Cable P/N C299506-0105 W/O #1354518 From McFarlane Ground Run and opps Checks fine at this time <i>Chris Drago</i> A/P 2528999

DA

# INSPECTION RECORD F.A.R. 43.11 - 91.217

Chris Aircraft Newport Airport Middletown RI 02842  
401-846-4550, FAX 401-846-4334. CELL 401-418-0335

06-05-2014. N2193Q, S/N 177RG0593. TT 1963.3, Tach 390.7. Engine Lycoming IO-360-A1B6D, S/N L-12393-51A. TT 1963.3. TSMO 377.2. Prop McCauley B2D34C207, S/N 742813, TT 1963.3, TSMO 160.0

Airframe. Jacked aircraft, removed wheels, greased bearings and landing gear. Checked landing gear operation and emergency extension. Checked brakes, checked electrical system and battery. Inspected and cleaned gascolator and All fuel screens as needed. Checked and lubed all flight controls. Removed all inspection plates and checked structure. Checked cockpit belts, seats, lights and instruments operation and filters.  
FAR 91.207 (d) C/W Battery date 09-2015  
FAR 91.411 & 91.413: C/W 11-2013  
AD 11-10-09 Seat track and seat pin inspection C/W per SB83-6. Due 06-2015 / 490.7  
AD 76-07-12 Ignition switch operational check CW Due 490.7  
Replaced Ignition switch P/N 10-37200-22  
Serviced shimmy damper. Serviced hydraulic landing gear pack.  
Repaired ground on curdicy lamp on pilots side

This Aircraft has been inspected in accordance with an Annual Inspection and determined to be in Airworthy Condition at this time.  
Chris Drago AP30476381A

*Chris Drago*

6-27-14

Habbs 1618.5 Tech 415.7  
Oil Change Arcostell 15-50 Champion RW Filter  
S-P/N 133344



# INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
10-26-14	463.0	HOBBS 1671-2 TACK 463.0 O.I CHANGE AREFO- Shell 15-50, 7 Quads, Champion 100-1 Filter J P/F FAA 3444113 Gene Lambrecht

**Chris Aircraft Newport Airport Middletown RI 02842**

401-846-4550 .FAX 401-846-4334. CELL 401-418-0335  
 7/1/2015 CESSNA N2193Q 177RG SN 177RG0593 TACH 499.1 TT 2071.7 PROP  
 MCCAULEY B2D34C207 SN 742813 TT PROP 2071.7 TSMOH 268.4  
 Airframe. Jacked Aircraft, removed wheels, greased bearings and landing gear. Landing  
 gear retraction and emergency extension systems checked. Checked brakes, checked  
 electrical system and battery. Inspected and cleaned gascolator and all fuel screens as  
 needed. Checked and lubed all flight controls. Removed all inspection plates and checked  
 structure. Checked cockpit belts, seats, lights and instrument operation and all filters.  
 FAR 91.207 (d) C/W BATTERY DUE DATE 9/2015  
 FAR 91.411 & 91.413. LAST COMPLIED WITH 11/21/2013  
 AD11-10-09 SEAT TRACK AND PIN ENGAGEMENT, CW BY VISUAL INSPECTION  
 OF SEAT TRACK AND SEAT PIN ENGAGEMENT. DUE EACH 100 HRS OR  
 ANNUAL. NEW FUEL CAP GASKETS P/N B100142-1. NEW BOLT ON NOSE GEAR  
 SIZZOR P/N AN4-31A. INSTALLED NEW RIGHT MAIN WHEEL FELT P/N 154-  
 30010. REPLACED AL FLAP BUTTON S1093-1.

Aircraft inspected in accordance with an **ANNUAL** inspection and determined to be in  
 Airworthy condition at this time

*[Signature]* 23259991A

Book Closed 7/1/15







**C&W Aero Services, Inc. CRS# HX1R208K**

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

An Authorized Service Center For: **Beechcraft, Mooney Aircraft & Piper**

WO# 30214	Tach: 559.5	Aircraft TT:	
Reg. #: N2193Q	Ser #: 177RG0593	Manuf: Cessna	Model: 177RG

The ATC Transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. The Pitot/Static System has been inspected in accordance with FAR 91.411 and found to be AIRWORTHY. Details of these inspections are on file at this repair station.

Transponder #1 Make/Model: Garmin GTX330 SN: 84134614  
 Air Data Computer #1 Make/Model: Aspen EFD1000 SN: 120001

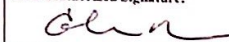
- Air data computer required recalibration. It failed on scale error. See work order 30179 for details.
- Pitot and static system had multiple leaks. Tighten all visible connections and fitting, leak rate is still 500ft/min. Check each instrument for leaks. Reseal fitting in VSI, reseal fittings in both static sump bottles. Pitot leak at pitot mast. Disassemble and seal connection inside mast. Reassemble pitot mast. Pitot system tight and got static system leak rate within spec.

Authorized Signature:  CRS # HX1R208K

Date: 2/5/2016

Technician or

YEAR 20  
 DATE  
 C&W  
 I certify  
 S/N  
 In Tabl  
 Work C  
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1. Approving Civil Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 30180 A	
4. Organization Name and Address: C&W AERO SERVICES INC. 19 WRIGHT WAY, SUITE #3 FAIRFIELD, NJ 07004					5. Work Order/Contract/Invoice Number: 30180	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Altimeter	5934P-A56	1	05171	TESTED	
12. Remarks: CERTIFY TO FAR PART 43 APPENDIX E TABLES I, II, III, IV.						
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 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: 		14c. Approval/Certificate No.: HX1R208K	
13d. Name (Typed or Printed):						

C&W Aero Services Inc.  
 19 Wright Way, Suite 3  
 Invoice #  
 7











YEAR  
20  
DATE

RECORD  
TACH  
TIME

CRAIG AVIONICS 83 AIRPORT ROAD CONCORD NH 03301

DATE: 3-12-18 TACH/HOBBS 692.3/2011.8N @193Q

#1 ALT P/N EF01000  
#2 ALT P/N 5934P ASL

#1 ALT SER. NO. 120001  
#2 ALT SER. NO. D5171

ALT READS	Add Algebraically	
	ALT #1	ALT #2
-1000	<u>1015</u>	<u>-1010</u>
0	<u>-15</u>	<u>-10</u>
500	<u>485</u>	<u>490</u>
1000	<u>985</u>	<u>990</u>
1500	<u>1490</u>	<u>1490</u>
2000	<u>1990</u>	<u>1990</u>
3000	<u>2990</u>	<u>2980</u>
4000	<u>4000</u>	<u>3980</u>
6000	<u>6000</u>	<u>5970</u>
8000	<u>8000</u>	<u>7970</u>

ALT READS	Add Algebraically	
	ALT #1	ALT #2
10000	<u>10000</u>	<u>9980</u>
12000	<u>12010</u>	<u>11980</u>
14000	<u>14010</u>	<u>14000</u>
16000	<u>16010</u>	<u>16000</u>
18000	<u>18020</u>	<u>18000</u>
20000	<u>20030</u>	<u>20000</u>
22000		
25000		
30000		
35000		

TEST  
By: [Signature]

INSP  
By: [Signature]

NEXT CERT DUE BEFORE 4-1-20

CA#10

Technician or

nd

YEAR  
20  
DATE

RECOR  
TACH  
TIME



Concord Aviation Services 71 Airport Rd Concord NH 03301 603-229-1769

N2193Q Airframe Log 5/1/2018 793.9 Tach 2366.5 TT WO 18-5732

Replace propeller spinner with new

Replace both main tires and tubes Goodyear P/N 156E66B / 15/600-6

Replace nose tire and tube P/N 505C1-4

Replace both left cabin door hinge pins P/N MS-20392-2C-65

Replace induction air filter P/N BA5705

Inspect fuel gascolator and install new seal kit P/N FS-KT-1

Replace engine cowl mount in #6 position P/N SK2003-14A

Replace nose gear scissor bolt P/N NAS6203-22-D

C/W FAR 91.207 (d) ELT test and inspection

Replace gear/stall warning horn assy P/N 207005-22

Replace main gear up line @ actuator P/N 2080100-41

Reposition fuel flow transducer and install new hoses P/N 124F002 4CK 150 & F124F002 4CK 170

Replace alternate air door P/N 1650019-16

Replace garter filter P/N ARB 3-5-1

[Signature]  
Richard Meyers A&P 1537483

[Signature]

Technician or











1. Approving Civil Aviation

Authority/Country:

FAA / UNITED STATES

2.

# Authorized Release Certificate

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

28498

4. Organization Name and Address:

C.J. AVIATION, INC. 12215 SW 131 AVE. MIAMI, FL 33186 YPGR715L

5. Work Order/ Contract/ Invoice Number:

28498

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	FUEL PUMP	4140-00-INV	1	25797	OVERHAULLED

12. REMARKS: Maintenance Release: The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired or overhauled and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.5330. Detail of work accomplished in work order: See Block 5.

Manual No: CJ2013-01

Revision No: B

Revision Date: 20-Jan-2014

AD Detail:

SB Detail:

13a. Certifies the items identified above were manufactured in conformity to:

 Approved design data and are in condition for safe operation.

 Non-approved design data specified in Block 12.
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.

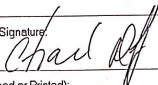
13b. Authorized Signature:

N/A

13c. Approval/Authorization No.:

N/A

14b. Authorized Signature:



14c. Approval/Certificate No.:

YPGR715L

13d. Name (Typed or Printed):

N/A

13e. Date:

N/A

14d. Name (Typed or Printed):

CHARLIE DUFFIE

14e. Date:

23-JAN-2019

### 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.















YEAR	RECOF
20	TACH
DATE	TIME

f Technician or



Concord Aviation Services  
71 Airport Rd Concord NH  
603-229-1769

N2193Q Airframe 08/14/2020 Tach: 888.4 ACTT: 2461.0

This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit dated 08/14/20

*Richard Meyers*  
Richard Meyers A&P/IA 1537483


UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION  
**SPECIAL AIRWORTHINESS CERTIFICATE**

CATEGORY/DESIGNATION		Special Flight Permit	
PURPOSE		Flying to base for repair	
MANU-FACTURER	NAME	N/A	
	ADDRESS	N/A	
FLIGHT	FROM	KCON	
	TO	KSFB	
N 2193Q	MODEL	177RG	SERIAL NO. 177RG0593
BUILDER		DATE OF ISSUANCE 13 Aug 2020	
Unless sooner surrendered, suspended, revoked, or the termination date of <b>23 Aug 2020</b> , this airworthiness certificate is effective under the conditions prescribed in 14 CFR, Part 21, Section 21.181 or 21.217.			
SIGNATURE OF FAA REPRESENTATIVE		DESIGNATION OR OFFICE NO.	

DAR T 999996710



UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION  
**SPECIAL AIRWORTHINESS CERTIFICATE**

CATEGORY/DESIGNATION Special Flight Permit			
PURPOSE		Flying to base for repair	
MANUFACTURER	NAME	N/A	
	ADDRESS	N/A	
FLIGHT	FROM	KCON	
	TO	KSF8	
N 2193Q	MODEL	177RG	SERIAL NO. 177RG0593
BUILDER			DATE OF ISSUANCE 13 Aug 2020
Unless sooner surrendered, suspended, revoked, or the termination date of <b>23 Aug 2020</b> , this airworthiness certificate is effective under the conditions prescribed in 14 CFR, Part 21, Section 21.161 or 21.217			
SIGNATURE OF FAA REPRESENTATIVE  Randall A Collins			DESIGNATION OR OFFICE NO. DAR-T 999996740
<small>This airworthiness certificate is issued under the authority of Title 49 United States Code 4454 and Title 14 Code of Federal Regulations. Any alteration, repair or modification for a restricted purpose of this certificate may be prohibited by certificate revocation, suspension, or impairment. THIS PORTION OF THE CERTIFICATE MUST BE DISPLAYED BY THE AIRCRAFT PER THE APPLICABLE REGULATIONS.</small>			

*-- Conditions and Limitations --*

This aircraft does not meet the airworthiness standards of Annex 8 to the Convention on International Civil Aviation. Operations in airspace outside of the United States will require the permission of the applicable foreign authority. That permission must be carried aboard the aircraft together with this U.S. airworthiness certificate and, upon request, be made available to an FAA inspector or the applicable foreign authority in the country of operation. Operations may be further restricted by the applicable foreign authority. This may include not allowing use of an airport, requiring specific routing, and restricting flight over specific areas. The operator must comply with any additional limitation prescribed by the applicable foreign authority when operating in its airspace.

This authorization must be displayed in the aircraft in accordance with 14 CFR §91.203(b)

The flight shall be made under VFR/VMC day conditions only, (unless the additional limitation below authorizes differently). The flight shall be made by the most direct and expeditious route consistent with the aircraft operating limitations and weather.

Occupancy of the aircraft is limited to the pilot, essential flight crew required to operate the aircraft and its equipment and personal baggage. Flight crew members must be properly certificated and rated in accordance with 14 CFR Part 61.

Flight over congested areas is prohibited, and takeoffs and landings shall be conducted to avoid congested areas in the vicinity of any of the airports used in conjunction with this authorization. Flight over a foreign country must have special permission from that country.

14 CFR §91.707 requires that a Flight Plan be filed for flights between the USA and Canada or Mexico -no waiver available.

Prior to flight, the aircraft must be inspected by a certificated mechanic or repair station to determine the aircraft is safe for the intended flight. The result of that inspection will be entered in the permanent aircraft records with the following similarly worded statement: **This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit dated ____.**

Operation of this aircraft is subject to the approval of the registered owner. The aircraft must display U.S. registration identification marks and have a registration certificate issued to its owner on board. This permit is valid for one flight only (Direct) with necessary fuel stops.

Any Airworthiness Directive pertinent to this make and model of aircraft that requires compliance, must be reviewed and considered in making the safe for flight determination. If that Airworthiness Directive specifies that the aircraft cannot be ferried to a location where the requirements of that specific AD can be accomplished, this Special Flight Permit will become void.

If aircraft has not been operated for an extended period of time, any environmental and/or preservation related issues involving aircraft (fuel, oil, engine) must be addressed IAW manufacturers data before flight.

Perform engine ground run to verify engine will meet the engine manufactures static performance figures.

This airworthiness certificate authorizes the flight specified for the purpose shown.

- END -



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N2193Q Cessna 177RG S/N 177RG0593

04/10/2021

TACH 2467.0

This AIRFRAME has been inspected in accordance FAR 43 Appendix D ANNUAL Inspection. Opened all inspection panels, removed seat and carpets and bulkhead covers. Inspected flight control rigging, lubed all flight control hinge points. Removed, cleaned and inspected, repacked and installed wheel bearings. Researched AD's to date AD 2011-10-09 Seat track, pins, rollers and housing. complied with by visual inspection, next due TACH 2467.0 or 05/01/2022. AD 76-07-03 by ignition switch operational check during ground run next due TACH 2467.0 or 05/01/2022. Removed left and right wing assemblies and aft top cabin skin to facilitate main carry thru spar replacement. Installed a serviceable carry thru spar part number 1710703-8, see Powers Aviation Eddy Current Inspection Report dated 3-19-2020. Re-installed left- and right-wing assemblies, performed rigging in accordance with the Cessna 177RG Service manual. Placed aircraft on jacks and cycled landing gear. A test flight was performed with satisfactory results. Inspected ELT in accordance with FAR 91.207d, battery due 04/2023. Serviced brake reservoir with Mil-5606. I certify that this AIRFRAME was inspected in accordance with an ANNUAL inspection and found to be airworthy at this time.

Gregory J. Rupp



Certificate Number 30517381A

ALTIMETER

N2193Q

Altitude	Scale Error	Tol ±	Friction ±	Case Leak 18,000' ± 100'	Hysteresis ±75'	Altitude
-1000	+10	20	-			
0	-10	20	-	40%	8000	20
500	-10	20	-	50%	10000	20
1000	-15	20	25 70	After Effects ±30'		
1500	-10	25	-	Barometric Scale Difference		
2000	-20	30	20 70	28.10	-1130	-1727
3000	-20	30	20 70	28.50	-1350	-1340
4000	-25	35	-	29.00	-875	-863
5000	-	-	20 70	29.50	-400	-392
6000	-30	40	-	29.92	-10	0
8000	-10	60	-	30.50	520	531
10000	-10	80	30 80	30.90	890	893
12000	0	90	-	30.99	970	974
14000	0	100	-	Altitude S/N		
15000	-	-	20 90	D5171		
16000	0	110	-	Make Model/Part #		
18000	0	120	-	United 5934P-AS6		
20000	0	130	40 100	Master Altimeter P/N & S/N		
				124-00006/418254		
				Date Tested		
				4-9-21		
				Technician		
				Certificate #		
				JL5R476X		

Tested in compliance with FAA FAR 43 Appendix E  
Calibrated to 20 Ft. W.O. # R3158

Volusia Aviation, Inc. 923 Beville Road South Daytona, FL 32119 FAA CRS # JL5R476X  
386-767-6763

### of Inspections, Tests, Repairs and Alterations

± endorsed with Name, Rating and Certificate Number of Technician or (See back pages for other specific entries.)

IFR

N2193Q

The tests required by FAR 91.411, 91.413, & 91.217 have been performed in accordance with FAR 43 appendix E paragraphs (a), (b), & (c) and appendix F.  
W.O. # R3158 Tested to 20K feet

Altimeter Model 5934P-AS6 s/n D5171  
Air Data Computer EFD1000 s/n 12000  
Transponder GTX 330 ES s/n 84134614  
Altitude Reporter A-30 s/n 117605  
Static System (Pilot) OK (co-pilot) NA  
Signed [Signature] Date 4-9-21  
Volusia Aviation, Inc. 386-767-6763 FAA CRS # JL5R476X