

3



The Standard

AIRCRAFT LOG

ASA-SA-2

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				3. SYSTEM TRACKING REF. NO. D09084	
4. ORGANIZATION CESSNA AIRCRAFT COMPANY CESSNA PARTS DISTRIBUTION DEPT. 702 5800 E. PAWNEE, WICHITA, KS 67218						5. WORK ORDER, CONTRACT, OR INVOICE NUMBER D8014816	
6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY *	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK	
0024	BOLT	AN3C11	VARIOUS	1	N/A	NEW	
13. REMARKS AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL							
LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW.							
14. NEW ☒ NEWLY OVERHAULED ☐ Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13, was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.				15. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
16. SIGNATURE <i>Fancy Dempsey</i>		17. FAA AUTHORIZATION NO. PC4		18. AUTHORIZED SIGNATURE		19. CERTIFICATE NO.	
20. NAME (TYPED OR PRINTED) FANCY DEMPSEY, DOA		21. DATE 02/12/98		22. NAME (TYPED OR PRINTED)		23. DATE	

FAA Form 8130-3 (11-89)

* (OPTIONAL) INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA.

CAUTION AND KEEP
SOURCE, LLC
HUM SYS
ANTY R

Aircraft Record General Information

Manufacturer CRSSNA Model 177RG
Serial L-13327-SIA 1096 Registration Number N45193
Date of Manufacture 12-22-76

Engine(s) currently installed:

Manufacturer LYCOMING Model 10-360A1B6D Serial L-13327-SIA
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer HARTZELL SRZ SA 1556 GL Model HC-C3YR-1NF/F7282
MACAULEY Model B2D34C207
HUB Model _____ Serial 768291 Serial DY3969A Serial _____
Blade Model 78TCA-0 Serial B62533 Serial _____ Serial _____
Blade Model _____ Serial B65713 Serial _____ Serial _____
S/N: F7282 S/N: ① J08422 ② J08431 ③ J08421

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SOURCE, LLC
HUM SY
ANTY I



71178

DATE 19__	RECORDING TACH TIME	TODAYS 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.)	DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME SERV
APR 13 1995	@			3310.1 TACH 1. INSTALLED CABIN DOOR LOCK CAM 2. REMOVED ALTERNATOR, REPLACED STATOR & RECTIFIER - REINSTALLED WITH NEW NOIS FILTER, TEST RUNS OPS & LEAK CR. 3. INSTALLED LIGHT WIRING TO LOCK. JAMES W. TRAVIS A1547883329	19 95	67 7.7		
MAY 3 1995	@			3336.5 TACH 1. REPLACED LEFT & RT BRAKE LININGS 2. SERVICED TIRES 3. ADJUSTED DOOR LATCH. 4. SERVICED N/G STROTS WITH N2 5. INSTALLED ~~REAR~~ AVIONICS MASTER SWITCH & SOLINOID I/A W CESSNA MANUAL JAMES W. TRAVIS A1547883329	JUN 1 1995	TACH.	33	1) OPENED 2) INSPE. SAFT. LUBED 3) SERVIC BLCO. 4) REPHR 5) INSTA FILM 6) REPHR 7) REPHR

KEEP
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RECORD

Always
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zip
Serial No. 2
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Source
on

Repairs and Alterations
Certificate Number of
other specific entries.)

DATE
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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.)

DR LOCK

67
77

CK's VOR'S @ G. CKPT SVS #1 21°
CK VOR'S @ G. CKPT SVS #2 22°
CK VOR'S @ G. DUAL 3°

REPLACED
REINSURED
R, TEST

JUN 1, 95

TACH. 3367.0

- 1) OPENED ALL INSP. PANELS
- 2) INSPECT. ALL CONTROLS, CABLES, TURNBUCKLES,
SAFTIES, ROD ENDS. LUBED - CABLE TENSION OK
LUBED + INSP. HINGES, INSP. CONTROL SURFACES.
- 3) SERVICED BRAKE - HOLD, REPLACED LH PADS
BLED BRAKE - CHECK - OK
- 4) REPLACED ELT BATTERIES THIS DATE ^{NEXT DUE} JUN 97
- 5) INSTALLED MIL-C-81309E TYPH II ANTI-CORROSION
FILM IN ALL WINGS, FUSelage-TAIL ACCESS PANELS.
- 6) REPLACED INST. AIR FILTER
- 7) REPLACED LH COWL DOOR HINGE

TO
MAY 95
33329

MS
MASTER
MAY 95

CONT. TACH 3367.0
JUN 95

DATE 19 <u>95</u>	RECORDING TACH TIME	TODAYS 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.) 19 <u>95</u>	RECORDING TACH TIME	TODAYS FLIGHT
JUN 1	PRETACH	4	3367.0	8) Replaced SWAFT SCAM + BRUSHES & CS MOTOR ASSEMBLY. SERVICED Hyd POWER PK. Complied with OPS check - Emergency DOWN check OK. REPAIRED WARNING HORN WIRING - check - OK. 9) Replaced BOTH MAIN TIRES. 10) C/W RV 87-20-03 SENT RAIL INSP. - OK 11) Installed INSP. PAWALS 12) ADS CK THRU 95-12	OCT 1	100
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. DATE <u>JUN 1 1995</u> TOTAL TIME <u>3367.0</u>		
				<u>[Signature]</u> # <u>15172229</u>		
						1.
						2.
						3.
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rs and Alterations
ertificate Number of
other specific entries.)

DATE	RECORDING TACH TIME	TODAYS 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.)
				NOV 12-95 @ 3427.3 TALK 1. REPLACE LEFT M/LY BRAKE SWIVEL SHOCK & ~~REED~~ BRAKE SUP. 2. REPLACED MAP/FF GAUGE WITH OIL UNIT FROM OTTO'S INST. 3. TEST ROVS OPS & LEAK CR OR. JAMES W. NUNN A1347883329
				Jan 8, 1996 1.) Installed overhauled horizon See Yellow tag Robert J. Robertson 553-02-3901 ARP @ 3441.7
				MAR 28 1996 @ 1. REPLACED RT FUEL VENDER TANK FUEL DRAIN. LEAK & OPS CR OR. JAMES W. NUNN A1347883329

18, Tests, Repairs and Alterations

Name, Rating and Certificate Number of
(See back pages for other specific entries.)

793

451 ENCLD IN 6
IN 700 ALTIMETER
ON - NO W & B

ORDER ON

BEEN CHECKED

COMPLIANCE

PER PART 43

AND F

SERVICES INC

JOSE, CA 95110

AX3R387L

DATE

19

RECORDING
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SERVICE

Description of Inspections, Tests, Repairs and Alterations

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Technician or Repair Facility. (See back pages for other specific entries.)

- Oct 26 1996 @ 3535.4 TACH
1. PERFORMED ANNUAL INSPECTION.
 2. LIBERATED & INSPECTION ALL FUEL CONTROL SYSTEMS
SURFACES, CARBURETORS, PUMPS, HANGERS, BULKHEADS
& ROD ENDS FOR RIPPING & SEVERITY.
 3. ADJ. LEFT FUEL HEATER TANK LINE
 4. REPAIRED FUEL HEATER SWITCH
 5. INSTALLED FLIGHT COM 403C ILS W/
POSITIONS.
 6. PERFORMED MILG RETRACTION, EXTENSION
& EMERGENCY EXTENSION, INSPECTION & LIBERATION
FOR RIPPING & SEVERITY.
 7. TEST RUN OPS & CLEAR CK & S45 CK OFF.
 8. ADJ. 81-20-03 R2 SEAT RAIL INSP Q/W
 9. ADJ. CHECKED THRU 95-21
(CONTINUED)

DATE 19__	RECORDING TACH TIME	TODAYS 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.) 9	RECORDING TACH TIME	TODAYS FLIGHT	TOT TIME SER
Oct 16 1996	@ 3535.4			10. INSPECTED & DPS CK ELT NEXT BAT DE 6-97			
				I CERTIFY THAT THIS AIRCRAFT BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION DATED <u>10-16-97</u> TOTAL TIME <u>3535.4</u> <u>TRAVIS HANSEL A&P-AI 64786039</u> <i>Travis Hansel</i>			
6-10-97	3595.5			INSTALLED NEW G-35 BATTERY 6-97			
					3-13-98		
					1)	Installed	
						warning c	
					2)	Replaced	
						wheel wel	
					3)	Replaced	
						discs and	
						brake sys	
					4)	Replaced	
					5)	Replaced	
					6)	Replaced	
						assembly,	
						switch, a	
						gear to r	
						tension r	
						Replaced	
					7)	Replaced	
						and alumin	
					<i>Steven D. Cull</i> Steven D. Cull		

sts, Repairs and Alterations DATE
Rating and Certificate Number of
k pages for other specific entries.) 19

RECORDING
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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.)

3-13-98

N45193

Tach Time 3624.3

- 1) Installed Cessna Service Kit SK210-159A, stall warning ground modification.
- 2) Replaced nose gear actuating hoses (2) in nose wheel well.
- 3) Replaced main wheel flexible brake lines, brake discs and brake pads. Sealed calipers, bled brake system.
- 4) Replaced main fuel strainer stand pipe and seals.
- 5) Replaced nose door inter connect turn buckle assy.
- 6) Replaced the nose gear shock pad on the lock assembly, drag pad on the nose fork, the down lock switch, and both tension springs. Rigged the nose gear to recommended factory specs. Down lock tension reads 18lbs, up lock tension reads 17 lbs.
- 7) Replaced two steering rod clevis bolts on strut. Replaced both low point fuel strainer plungers, and aluminum fuel line in belly area.

Steven D. Culbertson

Steven D. Culbertson IA 2073958

(Cont. next page)

DATE 19__	RECORDING TACH TIME	TODAYS 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.)	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
	3-13-98		N45193	Tach Time 3624.3			
	8)			Replaced all rubber cowl mounts.			
	9)			Replaced landing light bulb.			
	10)			Replaced left nav light bulb.			
	11)			Replaced ELT batteries and test per FAR's.			
	12)			Replaced cowl flap hinge.			
	13)			Replaced belly skins as required-see form 337 this date.			
	14)			Replaced transponder and marker beacon antennas.			
	15)			All work accomplished in accordance with Cessna Service Manual #D2009C1-13 and with parts as listed-see FAA forms 8130.			
				<i>Steven D. Culbertson</i>			
				Steven D. Culbertson IA 2073958			

Repairs and Alterations DATE
and Certificate Number of
; for other specific entries.) 19

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Description of Inspections, Tests, Repairs and Alterations

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I CERTIFY THAT THIS Airframe HAS BEEN
INSPECTED IN ACCORDANCE WITH AN 1111.1
INSPECTION AND HAS BEEN DETERMINED TO
BE IN AIRWORTHY CONDITION.

DATE 3-14-98 TOTAL TIME 3624.3

STEVE CULBERTSON Steve Culbertson
IA 2073958

END

3-14-98

3624.3

Aircraft test flown and approved for return
to service. Steve Culbertson IA 2073958

END

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)			
5/1/98				Removed pilot's altimeter & encoder for function test - ~~uninstall~~ - NOTE X COPILOT ALTIMETER NOT CERTIFIED - PLACED IN PANEL AS SUCH	7-9-98	3047.8	
				THE TRANSPONDER ON THIS AIRCRAFT HAS BEEN CHECKED AND CERTIFIED IN COMPLIANCE WITH F.A.R. 91.413 PER PART 43 APPENDICES E AND F			
				CERTIFIED BY <i>MS</i> ADVANCED AVIATION SERVICES, INC. REID HILLVIEW AIRPORT 2550 JOHN MONTGOMERY DR., SAN JOSE, CA 95148 FAA REPAIR STATION #AX38387L			
				THE ALTIMETER / STATIC SYSTEM AND ALTITUDE REPORTING SYSTEM, IF INSTALLED ON THIS AIRCRAFT HAS BEEN CERTIFIED AND IS IN COMPLIANCE WITH F.A.R. 91.411 PER PART 43 APPENDICES E AND F			
				ALTIMETER CERTIFIED TO <i>20,000</i> FT			
				CERTIFIED BY <i>[Signature]</i> ADVANCED AVIATION SERVICES, INC. REID HILLVIEW AIRPORT 2550 JOHN MONTGOMERY DR., SAN JOSE, CA 95148 FAA REPAIR STATION #AX38387L	7-22-98		

MFR

UNIT

MODEL NO.

SERIAL NO.

AIRCRAFT N.

WORK ORDER NO.

DATE

SERVICEABLE

ADVANCED AVIATION SERVICES, INC.
REID HILLVIEW AIRPORT
2550 JOHN MONTGOMERY DR.
SAN JOSE, CA 95148

Ron Collins Aviation Ele
6103 Flightline Drive
Evansville, IN

Repairs and Alterations
and Certificate Number of
for other specific entries.

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7-9-98 3047.8

REMOVED DAUTRON 800 CLOCK & INSTALLED
NEW DAUTRON 800 CLOCK, ops. / good

Work Order No. 5044 Date 7-9-98

Total Time Tech Time 3047.8

Signed Ch. Delimpis for

DEI MONTE AVIATION, INC.
Repair Station #DMAR238D
Post Office Box 1311 - Monterey, CA 93942

7-22-98

- (1) REPAIRERED VARIOUS COWL FASTENERS
- (2) PILOT REPORTED NO DOWN LOCK LIGHT.
INSPECTED, PUT ON JADES AND COULD NOT
REPLICATE. CLEANED & LUBE SWITCHES ops. / good.
- (3) INSPECTED BELLY PATCH LOCATED JUST AFT
OF FIRE WELL AND APPERS TO CPU SEC. 3,
PAR 100 (1) OF 43.13.1A.



DATE 19____	RECORDING TACH TIME	TODAYS 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)	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME SER
				Work Order No. <u>5060</u> Date <u>7-22-98</u> Total Time _____ Test Time _____ Signed <u>[Signature]</u> for _____ DEL MONTE AVIATION, INC. Repair Station 66482300 Post Office Box 1711 - Monterey, CA 93948 FAA REPAIR STATION X6DR6621			
				AIR WEST AIRCRAFT ENGINES FAA APPROVED REPAIR STATION TV3R881L THE COMPONENT(S) AND/OR DISCREPANCY (IES) IDENTIFIED ON THIS WORK ORDER # <u>3359</u> TO ABOVE MENTIONED AIRCRAFT WERE REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WERE FOUND AIRWORTHY FOR RETURN TO SERVICE. <u>TAU TIME 3661.3</u> SIGNED <u>[Signature]</u> DATE <u>8-11-98</u>			
				① RE-FIT LANDING BAFFLE SEALS ② CLEANED #3 INJECTOR & LINE ③ REPLACED #3 EGT PROBE INSIGHT P/N 2870 ④ REPLACED TAXI LAMP 4509			

DEL MONTE AVI
(831) 373-1511
FAA REPAIR STA

N45193 Tach Time:

- 1) Found gear would
Nose gear out of r
- 2) Nose gear indicate
Bad. Removed and
- 3) Re-rigged complete
- 4) Re-installed cowli

The aircraft and /or cc
with current Federal /
Pertinent details of the

Signed [Signature]

W.O No. 5102

ts, Repairs and Alterations
ating and Certificate Number of
pages for other specific entries

RECORDING
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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.)

DEL MONTE AVIATION L.P. MONTEREY, CALIF 93942
(831) 373-1511 FAX: (831) 373-6239
FAA REPAIR STATION #X6DR6621

N45193 Tach Time: 3663.0

- 1) Found gear would not extend, had to manually extend gear. Inspected and found Nose gear out of rig and squat switch bad. Replaced squat switch with new.
- 2) Nose gear indicated down and locked when not locked. Found nose gear reed switch Bad. Removed and installed and rigged new reed switch.
- 3) Re-rigged complete nose gear per maintenance manual. OP's checked good.
- 4) Re-installed cowling and tested. OP's checked good.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found air-worthy for return to service. Pertinent details of the repair are on file at this agency.

Signed

W.O No. 5102

Date: 08/28/98

MAINTENANCE RELEASE

identified on this form was repaired and inspected with current regulations of the Federal Aviation Administration for return to service. Pertinent details of the repair are on file at this agency. W.O.# 98-2592
98 Signature RA Collins
 Del Monte Aviation Electronics FAA Repair Station PG2RO8
 1000 E. Dr., Evansville, Indiana 47711

DATE	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of person performing specific entries	RECORDING TACH TIME	TODAYS FLIGHT
19				DEL MONTE AVIATION L.P. MONTEREY, CALIF 93942 (831) 373-1511 FAX: (831) 373-6239 FAA REPAIR STATION #X6DR6621 N45193 Tach Time: <u>3663.0</u> 1) Owner requested prop governor overhaul. Removed and installed overhauled governor by American Propeller. OP's checked good. The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found air-worthy for return to service. Pertinent details of the repair are on file at this agency. Signed <u>[Signature]</u> W.O. No. <u>5102</u> Date: <u>08/28/98</u>		

© 1991 ASA

Date 12/2

Repaired By
 Pertinent details of
[Signature]
 Bruce W. Ti
 Ron Collins /
 6103 Flightline
 Evansville, IN
 CRS No. PG2R

Date: 12/1

REPAIRED BY
 Pertinent details
[Signature]
 For: Ron Collins
 6103 Flight
 Evansville,
 CRS No. PG

ADVANCE
 2550 J
 SA
 PHON
 FAX
 997

ns, Tests, Repairs and AlteratioDATE
Name, Rating and Certificate Number of
specific entries19

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Date 12/22/98 Time: N# 45193

Repaired Nav lights as needed. Checks ok.
Pertinent details of this repair are on file at this Repair Station under Work Order No.:98-2724

Bruce W. Tippet

Bruce W. Tippet A&P 316682285
Ron Collins Aviation Electronics
6103 Flightline Drive
Evansville, IN 47711
CRS No. PG2R082L

Phone (812) 425-2603
FAX (812) 425-2129

Date: 12/17/98 Time: N#: 45193

REPAIRED A/P AND SYS CHECKS WERE NORMAL.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 98-2592

R. Collins

For: Ron Collins Aviation Electronics
6103 Flightline Drive
Evansville, IN 47711
CRS No. PG2R082L

Phone (812) 425-2603
FAX (812) 425-2129



uled governor
in accordance
service.

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997
K

DATE 19__	RECORDING TACH TIME	TODAYS 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)	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
Date: 12/16/98			N#: 45193	Adjusted ACK A30 altitude digitizer. Checked data correspondence in aircraft per FAR 43, Appendix E, Paragraph G. Pertinent details of this repair are on file at this Repair Station under Work Order No. 98-2663 <i>Gordon L. Terry</i> For: Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47711 CRS No. PG2R082L Phone (812) 425-2603 FAX (812) 425-2129	Date: 12/15/98		
				Performed Biennial check required by part 91.413 on KING KTGA Transponder system #1 SN 66738 & #2 SN NA Specifications were met per part 43 appendix F and were recorded on W.O. # 98-2664 Ron Collins Aviation Electronics Evansville, Indle FAA Repair State #PG2R082L DEC 16 1998 <i>Cotton Bull</i> Date Authorized Signature			
				Removed ARC aud sw panel, glide slope rec, R402A marker Narco DME190 DME, Flightco BFGoodrich WX900 Stormscope rec, KX155 #1 nav/com RT, KX CDI, KI209 CDI, Northern Airb com antenna. The Aircraft We details of the Stormscope an Continued Airworthiness, see REPAIRED INSTRUMENTS Pertinent details of this alteration			
				<i>Gordon L. Terry</i> For: Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47711 CRS No. PG2R082L			

Repairs and Alterations
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es for other specific entries.

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Date: 12/15/98

Time:

N#: 45193

Removed ARC and sw panel, RT328T #1 nav/com RT, IN525B CDI, IN514B CDI, R443B glide slope rec, R402A marker rec, RT359A transponder, TKM MX300 #2 nav/com RT, Narco DME190 DME, Flightcom 403MC ICS, Carruth 374B copilot's altimeter. Installed BFGoodrich WX900 Stormscope system, Bendix/King KMA24 audio switch panel/marker rec, KX155 #1 nav/com RT, KX155 #2 nav/com RT, KN64 DME, KT76A transponder, KI208 CDI, KI209 CDI, Northern Airborne Tech. AA80-001 intercom, and Comant CI122 standby com antenna. The Aircraft Weight & Balance and Equipment List have been revised. For details of the Stormscope and standby com antenna installation and Instructions For Continued Airworthiness, see FAA Form 337. *REPAIRED INSTRUMENT LIGHTING.* *REPLACED CABIN SPEAKER.*

Pertinent details of this alteration are on file at this Repair Station under Work Order No. 98-2276

Gordon L. Terry
For: Ron Collins Aviation Electronics

6103 Flightline Drive
Evansville, IN 47711
CRS No. PG2R082L

Phone (812) 425-2603
FAX (812) 425-2129
E-mail rcollins@evansville.net

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3-18-99	TACH & TAF		3781.7	AIRCRAFT OPENED UP FOR ANNUAL INSPECTION PER CESSNA 441. CKD & LUBED ALL PULLEYS, BELLCRANKS, ROD ENDS, HINGES, CRUISE FLIGHT FUEL STANDBY VACUUM SYSTEM WITH ACFSO, INSTALLED PRECISE FLIGHT FUEL STANDBY VACUUM SYSTEM PER BTC SA2162 NM & FILED FORM 337 ON 3-20-99. CWAD 87-20-03R2 SEATS & TRACKS PER B4C, CWAD 76-07-12 IGNITION SWITCH FUNCTION OK - OK - CKD ADS THRU 7904. REPLACED ALL WHEEL BEARINGS & MCKED. CKD GEAR RETRACTION & LUBED, CKD ELT BATTERY CONDITION, MANUAL & IMPACT TESTED 3 SWEEPS EACH.			
I CERTIFY THIS AIRCRAFT TO BE IN AN AIRWORTHY CONDITION I.A.W. AN ANNUAL INSPECTION. <i>[Signature]</i> MICHAEL D. VIEKE A&P 308508011 LA.							

Description of Inspections, Tests, Repairs and Alterations
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Performed Biennial check required by FAR 91.413 on KIVA Transponder system #1 SN 16738 & #2 SN 16738 W.O. Specifications were met per part 43 appendix F and were recorded on

SCALE CORRECTION		ALT S/N
MASTER	ALTIMETER	MASTER
1000	-995	14900
0	15	16000
500	520	18000
1000	1020	20000
1500	1515	22000
2000	2010	25000
3000	3000	30000
4000	4005	35000
6000	6000	40000
8000	8000	45000
10000	9995	50000
12000	12000	

RON COLLINS AVIATION ELECTRONICS

TESTED BY:

93

DATE:

MAY 01 2008

[illegible]

Inspections, Tests, Repairs and Alterations
 with Name, Rating and Certificate Number of
 Technician or Repair Facility. (See back pages for other specific entries.)

**RECORDING
TACH
TIME**

**TODAYS
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.)

EO UP FOR ANNUAL
 VALVES, BELL CROCKS,
 SIGN PROOFED WINGS
 VACUUM SYSTEM

2 IGNITION SWITCH
 HEEL BEARINGS & PICKED,
 MANUAL & IMPACT

Performed Biennial check required by FAR 91.413 on KING
KTR Transponder system #1 SN 66738 & #2 SN 10
 Specifications were met per part 43 appendix F and were recorded on
 W.O. # 00-822 Ron Collins Aviation Electronics, Evansville, Indi:
 FAA Repair Station #PG2R082L MAY 01 2000
 Date Carson Bick
 Authorized Signature

I certify the altimeter and static system tests

required by FAR part 91.411 have been performed.

#1 Altimeter was tested to 20K feet on MAY 01 2000

#2 Altimeter was tested to 20K feet on _____

#1 Data correspondence to 20K feet on MAY 01 2000

#2 Data correspondence to 20K feet on _____

Ron Collins Aviation Electronics, Evansville, Indiana

FAA Repair Station #PG2R082L MAY 01 2000
Carson Bick
 Date Authorize

Tests, Repairs and Alterations
 Rating and Certificate Number of
 Work pages for other specific entries

**RECORDING
TACH
TIME**

**TODAYS
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.)

5-19-2000 TACH & TITAF 3981, 70

AIRCRAFT OPENED UP FOR ANNUAL INSPECTION PERCESSNA & FAR 43.

CK'D & LUBED ALL ROLLIES, ROD ENDS, HINGE POINTS, CK'D WHEELS & BRACKS,

SERVICED NOSE STANT, CK'D GEAR RETRACTION, ELECTRIC & MANUAL - OK

CK'D LIGHTS, REPLACED TAIL LIGHT, CK'D SEATS & BELTS, CK'D & LUBED

FLIGHT CONTROLS, CWAD 87-20-03 R2 PER B+C, AD 00-06-01 N/A DATE,

CWAD 76-07-12 IGNITION SWITCH - OK - CWAD 99-24-10 STANBY VACUUM

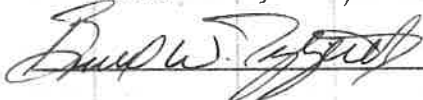
SYSTEM - OK, CK'D AD'S THRU 2000-08, ELT REMOVED FOR SERVICING

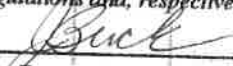
**IDENTIFY THIS AIRCRAFT
TO BE IN AN AIRWORTHY CONDITION**

AN ANNUAL I.A.W. INSPECTION

[Signature]

**MICHAEL D. VIEKE
A & P 306500011 I.A.**

DATE 19	RECORDING TACH TIME	TODAYS 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)
Date	07/03/2000	Make:	Cessna	N# 45193
Found fuse holder at battery box to be intermittent. Replaced the fuse holder clock and hobbs meter check good				
The aircraft and/or appliance identified above was repaired and inspected in accordance with current FAA regulations and was found to be ok for continued service.				
Pertinent details of this repair are on file at this Repair Station under Work Order 00-1252				
 BRUCE W. TIPPETT A&P316682285 For Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725 CRS No. PQ2R082L				
Phone:: (812) 425-2603 FAX : (812) 425-2129 E-Mail rcollins@evansville.net				

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
AIRCRAFT Date: 2 NOV 00 REPAIRED KING K KX155 NAV/com, 2 NAV/com, 3/N 6302 Pertinent details of this repair are on file at this Repair Station under Work Order 00-1252 The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and, respectively of work, was found to be ok for continued service.  For Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725		

ests, Repairs and Alteratio
Rating and Certificate Number
ck pages for other specific entries

5193
and hobbs meter check
FAA regulations and was
er00-1252

DATE	RECORDING TACH TIME	TODAYS 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.)
AIRCRAFT MAINTENANCE LOGBOOK ENTRY				
Date: 2 NOV 00 Registration: N45193				
REPAIRED KING KN64 DME, S/N 17700. REPAIRED KING				
KX155 NAV/com, S/N 63362. REPAIRED KING KX155				
NAV/com, S/N 63026. RESECURED #2 NAV/com REAR PLATE ASSY				
Pertinent details of this repair are on file at this Repair Station under Work Order No.: 00-2123				
The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA				
regulations and, respective of work performed, found to be airworthy and approved for return to service.				
<i>Buck</i>				
For: Ron Collins Aviation Electronics				
6103 Flightline Drive				
Evansville, IN 47725				
CRS No. PG2R082L				
Phone (812) 425-2603				
FAX (812) 425-2129				

DATE 19__	RECORDING TACH TIME	TODAYS 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)	DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
5-4-2001	TACH + TTRF 4118.20			AIRCRAFT OPENED UP FOR ANNUAL INSPECTION PER CESSNA + FAR 43 CK'D + LUBED ALL HINDGES, BELLCRANKS, ROD ENDS, PULLERS, CK'D WHEELS & BRAKES, GEAR RETRACTION, SEATS, BELTS, LIGHTS, FLIGHT CONTROLS, ELT REMOVED FOR BATTERY REPLACEMENT. CWAD 87-20-03R2 PER B+C, CWAD 76-07-12 IGNITION SWITCH - OK, AD 00-06-01 N/A DATE CK'D AD'S THRU 2001-08 CWAD 79-24-10 VISUAL + FUNCTION CK-OK	5-25-2001			
						FILED FORM 337		
					6-28-01	T=4128		
					8-29-2001	4146.2		

I CERTIFY THIS AIRCRAFT
TO BE IN AN AIRWORTHY CONDITION
I.A.W.
AN ANNUAL INSPECTION

Michael D. Vieke
MICHAEL D. VIEKE
A & P 308509011 LA

ions, Tests, Repairs and Alterations	DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
th Name, Rating and Certificate Number of (See back pages for other specific entries)	19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
CESSNA 440	5-25-2001	2001			
CKO WHEELS &					FILED FORM 337 FOR HARTZELL PROP INSTALLATION.
CONTROLS,					And A+P 308509011 F.A.
R B+C F440 76-07-12	6-28-01	T-4128			Rehined right brakes, Installed missing Standby vacuum placed on panel
2001-08					Peter Connee 1628408 A+P
DITION	8-29-2001	4146.2			① Installed new MN1300 batteries in ELT Replacement date March 05. Replaced remote switch battery # PX2BL - replacement March 03 Performed functional Test as per 91.207(d)
TION					② Replaced 4609 Taxi bulb
					③ Serviced nose strut
					Peter Connee 1628408 A+P

DATE 19__	RECORDING TACH TIME	TODAYS 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)
10/18/01	4162		4162	Remove complete exhaust system send to Dawley Aviation for overhaul Work Order 73477 reinstall with blow proof gaskets. Replace one cowling mount, (lower) replace baggage door lock cyl. Michael J Ricard <i>Michael J Ricard</i> A&P20424191A
01-10-2002	4180			Installed Condor 15X60X16 Replaced Tires on main wheels & 500X5 6 ply on nose. Installed Bracket BAS710 air filter assembly. See Form 337 for details. AD 84-26-02 no longer applies Relined Left brake <i>John Conner</i> 1628408 A&P

DATE 9__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
	8-6-02	TACH 421	
	checked & lubed. packed all wheel seat tracks, roller Replaced one sub checked ELT opera		
	I certify this work with an annual airworthiness condition		
	N 45193 Tach Swung Compass I, 3, Paragraph 37. <i>Conner</i> the radio shop, FAA Repair Station		

Tests, Repairs and Alterations

Rating and Certificate Number of
back pages for other specific entries

to Dawley Aviation for
with blow proof gaskets.
replace baggage door lock

and A&P20424191A

600X6 6ply

500X5 6ply

rack 11 B05710

c Form 337 for

longer applies

See Connie

1628408 A+P

DATE	RECORDING TACH TIME	TODAYS 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.)
8-6-02	TACH 4210.5	TT 4210.5		Aircraft cleaned, all controls checked & lubed. Performed gear retraction test. Cleaned & packed all wheel bearings. Greased landing gear. Inspected seat tracks, rollers & pins. Performed mag switch ops checks. Replaced one rubber cowl mount. Installed new battery checked ELT operation IIAW 91.207(d)
I certify this aircraft has been inspected in accordance with an annual inspection & was determined to be in airworthy condition Michael Ricard A&P 20424191A				
N 45193 Tach 4214.7 Work Order# 23182				
Swung Compass I.A.W. AC 43.13-1B Chapter 12, Section 3, Paragraph 37. Satisfactory.				
Conrad J. W. 08/13/02				
the radio shop, inc, airport worcester, ma 01602				
FAA Repair Station TD5R219N				

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
10/24/02	TACH	4243.3	TT 4243.
4-29-03	TACH	4252.0	
PICW, all clamps in place			
4-29-03	TACH	4252.0	
Lampers. Installed at Reinstalled & secured Michael J. Riccardi			
9/2/03	TACH	4259.3	

its, Repairs and Alterations
Rating and Certificate Number of
(pages for other specific entries)

DATE	RECORDING TACH TIME	TODAYS 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.)
10/24/02	TACH 4243.3	TT 4243.3		REMOVED + REPLACED TAXI LIGHT. <u>James M. Grant</u> ATP 20408146
4-19-03	TACH 4252.0			Checked AD 2002-26-01, fuel inspection lines, PICW, all clamps in place. <u>Michael J. Ricard</u> AOP 2042419 TA
4-29-03	TACH 4252.0	TT 4252.0		Removed skimming dampers. Installed all new O rings + secured with fluid. Reinstalled + secured nose strap with fluid + air. <u>Michael J. Ricard</u> AOP 2042419 TA
1/2/03	TACH 4259.3	TT 4259.3		REMOVED + REPLACED MW1350 BATTERIES IN BLT (EXPIRATION DATE 6/2005) PER FAR 91.207(d) - OPS V'S GOOD <u>James M. Grant</u> ATP 20408146

Barom
In hg scale
28.10
28.50
29.00
29.50
29.92
30.50
30.90
30.99

d Alteration
ate Number of
pecific entries

DATE	RECORDING TACH TIME	TODAYS 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.)
12-11-03	TACH 4267.1	TT 4267.1		Replaced lock hinges on left door. Repair lower half of door. Michael J Ricard AOC 2042419JA

Keyson Airways Corporation
FAA CRS# KNMR864S

Form #15

Date: 9/1/04

Initial Indications
At 29.92 in hg

Altimeter: -130 Feet
Calibrator: -125 Feet

A/C Tail # N45193
Work Order # C4-9237
Model Number 5934P-3 Serial Number 81174
Transponder KT76A 66738
Encoder FCK-A30 52659

Barometric Scale Error (reference pressure @ 29.92 in hg to zero)

In hg scale	Feet Callout	Feet Reading	Adj to 29.92 in hg	Feet Error	± Feet Tolerance
28.10	-1727	-1735		+8	±25
28.50	-1240	-1250		+10	±25
29.00	-863	-863		0	±25
29.50	-392	-395		+3	±25
29.92	0	0		0	±25
30.50	531	525		-6	±25
30.90	893	875		+18	±25
30.99	974	980		+6	±25

Altimeter/Encoder
Calibration Sheet

FAA CRS# KNMR864S

Scale Error (set altimeter to 29.92 in hg)

Feet Altimeter	Feet Ind. VLS	Feet Ind. VLS	Encoder Reading	Feet Error	± Feet Tolerance
1180	1180	1180	1180	0	±25

DATE 19	RECORDING TACH TIME	TODAYS 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)	DATE 19
------------	---------------------------	------------------	-----------------------------	---	------------

I certify that the altimeter M/N 5934P3S/N 8K174 was tested to feet on 7-11-04 and the static system tests required by FAR 91.411 have been satisfactorily performed.
 Date 7-11-04
 Tach. or Hobbs. Time: 4303.8 Work Order # 04-9837

Signature

[Handwritten Signature]

Keyson Airways Corporation
 FAA Certified Repair Station KNMR864S

I certify
 91.413

Date

Model

Tach.

Signal

AC-BURDENANCE

Altitude	Pressure	Static	Dynamic
500	10.10	0.10	0.10
1000	10.20	0.20	0.20
1500	10.30	0.30	0.30
2000	10.40	0.40	0.40
2500	10.50	0.50	0.50
3000	10.60	0.60	0.60
3500	10.70	0.70	0.70
4000	10.80	0.80	0.80
4500	10.90	0.90	0.90
5000	11.00	1.00	1.00

After Effect (open to ATIS)

Altitude	Pressure	Static	Dynamic
500	10.10	0.10	0.10
1000	10.20	0.20	0.20
1500	10.30	0.30	0.30
2000	10.40	0.40	0.40
2500	10.50	0.50	0.50
3000	10.60	0.60	0.60
3500	10.70	0.70	0.70
4000	10.80	0.80	0.80
4500	10.90	0.90	0.90
5000	11.00	1.00	1.00

Hysteresis (50% static head - 1500 ft - 10 min)

Altitude	Pressure	Static	Dynamic
500	10.10	0.10	0.10
1000	10.20	0.20	0.20
1500	10.30	0.30	0.30
2000	10.40	0.40	0.40
2500	10.50	0.50	0.50
3000	10.60	0.60	0.60
3500	10.70	0.70	0.70
4000	10.80	0.80	0.80
4500	10.90	0.90	0.90
5000	11.00	1.00	1.00

ACA

NAME

REPORTED P

ACK

TECHNOLOGIES
INC.

REPAIR ORDER A-30 ENCODER

NAME EAST COAST AUTOMATIC

DATE RECEIVED 4-28-04

SERIAL NUMBER 75722

YOUR P.O. 4500

ACK W/O NUMBER 0475

REPORTED PROBLEM:

ACK

440 W. JULIAN ST.
SAN JOSE, CA 95110

MAINTENANCE RELEASE SN 75722

THIS APPLIANCE WAS REBUILT OR INSPECTED AND FOUND TO BE AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE UNDER THE AUTHORITY OF FAR 43.7(d)

MODEL A-30 ☒ MODEL E-01 ☐

REBUILT ☐
TESTED ☒

WO# 0475 DATE 5-6-04 BY Jace A

LOGIC LEVELS ☐
RIBBON CABLE ☐

UNIT PERFORMS:
MPX100 BAD ☐

OTHER PROBLEMS:

MAIN BOARD ☐ TIP31C ☐ 2N4402 ☐ ANALOG BOARD ASSEMBLY ☐

PARTS REPLACED: 17211 chip RESISTOR, NEW CR316 CONNECTOR, NEW SET OF MAIN POTS,

- ☐ UNIT PERFORMED NORMALLY IN ALL RESPECTS CHECK INTERCONNECT WIRING AND TRANSPONDER BACKWARD COUNTING OR ERRATIC ALTITUDE DATA IS MOST OFTEN CAUSED BY CROSSED OR POORLY CONNECTED DATA LEADS OR A MALFUNCTIONING TRANSPONDER
- ☐ WE ARE SENDING A REPLACEMENT UNIT PRIOR TO RECEIVING YOUR RETURN UNIT PLEASE RETURN THE ABOVE REFERENCED UNIT TO US FOR INSPECTION AS SOON AS POSSIBLE
- ☐ WE HAVE REPLACED YOUR UNIT WITH A NEW OR REBUILT UNIT.
- ☐ UNIT UPDATED TO MOD 2
- ☐ UNIT UPDATED TO MOD 3

REPLACEMENT UNIT S/N _____

NOTES:

WARRANTY REPAIR ☒

NOT UNDER WARRANTY ☐

TESTED BY Jace A

DATE RETURNED 5-6-04

RETURNED VIA ☒ UPS ☐ B ☐ R ☐ 3 DAY ☐ OTHER _____

Ind Alteration DATE

icate Number of
r specific entries 19 _____

erations
mber of
entries.)

[illegible]

is, Tests, Repairs and Alterations

Name, Rating and Certificate Number of
(See back pages for other specific entries.)

DATE

19

**RECORD
TACH
TIME**

11/09/04 Tach Time 4315.0 Hobbs 1454.8
Aircraft cleaned and all controls checked and
lubed. Perform gear retraction test, readjust nose
gear rigging (nose gear up lock out of
adjustment) replace gear light assembly P/N
MS25041 4
(worn, causing light to flicker) Grease landing
gear, inspect seat tracks, rollers and pins (ok)
Perform mag switch ops check (ok) check ELT
I/A/W 91-207 (d). Repair tail position light
(broken wire) in vertical fin, disassemble tail
cone remove supply and clean out birds nest and
clean metal where nest was. Check wheels and
brakes (ok) Service landing gear pump. Check
and comply with AD list (see list) Inspect
propeller, grease and service.

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

Michael J Ricard A&P204219IA

Michael J Ricard

ns, Tests, Repairs and Alterations

Name, Rating and Certificate Number of
(See back pages for other specific entries.)

It is important to understand that the existence of the Document above does not automatically
constitute authority to install the part/component assembly.
Where the user/installer work in accordance with the national regulations of an Airworthiness
Authority different from the Airworthiness Authority of the country specified in block 1, it is essential
that the user/installer ensures that the Airworthiness Authority of the country specified in block 1
assembles from the Airworthiness Authority of the country specified in block 1. Participants
Statements in block 14 and 15 do not constitute installation certification in all cases aircraft
maintenance records must contain an installation certification issued in accordance with the national
regulation by the installer before the aircraft may be flown.

ns, Tests, Repairs and Alterations

Name, Rating and Certificate Number of

1. ORGANIZATION UNITED STATES		2. AIRCRAFT CESSNA AIRCRAFT COMPANY FAA FORM 8130-3 U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		3. SYSTEM RECORDING REF. NO. D77086	
4. ORGANIZATION CESSNA AIRCRAFT COMPANY FAA FORM 8130-3 U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		5. AIRCRAFT CESSNA AIRCRAFT COMPANY FAA FORM 8130-3 U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		6. SYSTEM RECORDING REF. NO. D8123520	
7. ITEM 0003	8. DESCRIPTION LIGHT	9. PART NUMBER MS25041 4	10. ELABORITY VARIOUS	11. SEPARATION NO. 1	12. STATUS/WORK N/A
13. REMARKS AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL					
14. NEWLY OVERHAULED ☐ RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9 Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the party is (are) approved for return to service.					
15. SIGNATURE Fancy Dempsey		16. FAA AUTHORIZATION NO. PC4		17. AUTHORIZED SIGNATURE	
18. DATE 12/09/98		19. NAME (TYPE OR PRINTED)		20. DATE	
21. CERTIFICATE NO.		22. NAME (TYPE OR PRINTED)		23. DATE	

FAA FORM 8130-3

FAA FORM 8130-3

RECORD
TACH
TIME

DATE
19

11/09/04 Tach Time 4315.0 Hobbs 1
Aircraft cleaned and all controls checked
lubed. Perform gear retraction test, re
gear rigging (nose gear up lock out of
adjustment) replace gear light assembly
MS25041 4

(worn, causing light to flicker) Grease
gear, inspect seat tracks, rollers and pins
Perform mag switch ops check (ok) check
1/A/W 91-207 (d). Repair tail position
(broken wire) in vertical fin, disassemble
cone remove supply and clean out bird
clean metal where nest was. Check wheel
brakes (ok) Service landing gear pump
and comply with AD list (see list) Inspect
propeller, grease and service.

I certify this aircraft has been inspected
in accordance with an annual inspection
determined to be in airworthy condition
Michael J Ricard A&P2042191A

Michael J Ricard

DATE 19__	RECORDING TACH TIME	TODAYS 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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03/15/05 Tach 4322.7 Hobbs 1468.2 Replace
Remove alt. bench tested (ok) tighten ter.
conn. on alt repair wires to alt. batt and field
test reg. N/G replace with FB0301 Lamar V/R
run engine and flight test (OK)

Scott Boette A&P 2455406



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
--------------	---------------------------	------------------	-----------------------------

6/19/05 Tach 4348.4 TT 4348.
(Hobbs 1489.9)

8/24/05 Tach 4362.3 TT 4362.3
(Hobbs 1510.8)

Repairs and Alterations

Certificate Number of
or other specific entries.)

DATE	RECORDING TACH TIME	TODAYS 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.)
6/19/05	TACH 4348.4 (HOBBS 1489.9)	TI 4348.4		REMOVED + REPLACED MN 1300 BATTERIES IN ELT (EXPIRATION 6/2007); OPS ✓'s GOOD 1/4 W FAN 9/2007 (d) <u>James M. Shurt</u> ATP 20408146
8/24/05	TACH 4362.3 (HOBBS 1510.8)	TI 4362.3		REMOVED AIRCRAFT BATTERY, CLEANED TERMINALS, SERVICED BATTERY, CLEANED BATTERY BOX; REPLACED BATTERY; OPS ✓'s GOOD <u>James M. Shurt</u> ATP 20408146

Repairs and Alterations
ing and Certificate Number of
ages for other specific entries.)

DATE

19

RECORDING
TACH
TIME

TODAYS
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.)

Page - 1 -

Date:
9-26-05

Aircraft Tail Number:
N45193

Aircraft Model:
177RG

Aircraft S/N:
1096

Work Order #:
A10407

Hobbs/Tach Time:
4373.0

→ Calibrated the encoder in accordance with the ACK A-30 installation manual "calibration procedure". Performed a correspondence check following the calibration as required by FAR 91.36b with no faults noted.

Signature:

Work Order # A10407 Date: 9-26-05

Keyson Airways Corporation
117 Perimeter Road
Nashua, NH 03063

FAA Certified Repair Station KNMR864S
Phone 603-598-4526 Fax 603-595-2908

10/01/05 Tach 4376.2 Remove Lamar
V/R FB0301 would not control voltage. Replace
with new reg test system (OK) return to service.

Scott Boette A&P2455406

© 1991 ASA

CORD, WORK ORDER # 41
JMENT & AVION
ERSEY 07608 U.S.A.
1189 • FAX 201-288-8
SA.145.4349

DATE

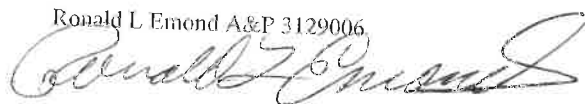
19

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICEDescription 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.)

12/29/06 Tach 4465.0 Hobbs 1633.3 Aircraft cleaned and all controls checked and lubed Install new Cleveland wheels kit#199-84 Main brake assembly P/N 30-75 main wheel assembly P/N 40-113 with new Bearings packed approved as original equipment for 177RG 1971 on. Bleed brake system. Install all new tires main and nose tire Flight Custom II Desser Tire install two new static wicks bracket filter element (air BA5705). Service landing gear swing and ck operation service hydraulic system. Install left fuel tank sender unit O/H Instrument Rebuild w o #120606 Ck all lights Ck elt I/A/W 91-207(d)

I certify this aircraft has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition.

Ronald L Emond A&P 3129006



© 1991 ASA

6/28/07

TACH 4485.5

HOBBS 1655.9

REMOVED + REPLACED MIN 1300 BATTERIES IN

ELT (EXPIRATION 6/2009). OPS V/S GOOD I/A/W

FAR 91.207(d) James M. Stewart A&P 20408146

DATE

19

RECORDING
TACH
TIME

01/20/08 Tach 4509.0 Hobbs 1633.3 Aircraft cleaned and all controls checked and lubed Install new Cleveland wheels kit#199-84 Main brake assembly P/N 30-75 main wheel assembly P/N 40-113 with new Bearings packed approved as original equipment for 177RG 1971 on. Bleed brake system. Install all new tires main and nose tire Flight Custom II Desser Tire install two new static wicks bracket filter element (air BA5705). Service landing gear swing and ck operation service hydraulic system. Install left fuel tank sender unit O/H Instrument Rebuild w o #120606 Ck all lights Ck elt I/A/W 91-207(d)

Ronald L Emond A&P 3129006

1/20/08 Tach 4509.0 Hobbs 1633.3 Aircraft cleaned and all controls checked and lubed Install new Cleveland wheels kit#199-84 Main brake assembly P/N 30-75 main wheel assembly P/N 40-113 with new Bearings packed approved as original equipment for 177RG 1971 on. Bleed brake system. Install all new tires main and nose tire Flight Custom II Desser Tire install two new static wicks bracket filter element (air BA5705). Service landing gear swing and ck operation service hydraulic system. Install left fuel tank sender unit O/H Instrument Rebuild w o #120606 Ck all lights Ck elt I/A/W 91-207(d)

Michael J Ricard



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W
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DATE	RECORDING TACH TIME	TODAYS 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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01/20/08 Tach 4509.0 Hobbs 1684.5 Aircraft cleaned and all controls checked and lubed Install new Reiff Preheat system hot-strip oil sump and hot-band cylinder heating system. Wheel bearings cleaned and packed, four new static wicks, bracket filter element (air BA5705) replaced. Replace hobbs oil switch (leaking oil) replace engine cowl mount r/s bottom, reseal lower half of windshield, replace right strobe P/S replace beacon switch in panel Service landing gear swing and ck operation service hydraulic system. Ck all lights Ck ELT I/A/W 91-207(d) batt good till 6/2009.
I certify this aircraft has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition.

Ronald L Emond A&P 3129006

1/20/08 Tach 4509.0 Hobbs 1684.5
I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition

Michael J Ricard A&P2042419IA

Michael J Ricard

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME SERV
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N 45193 Tach 4541.3 Work Order 25602

FAR 91.411 has been accomplished I.A.W. Part 43 Appendix E, Paragraph A,B,C. The altimeter has been tested to 20,000 feet.

Altimeter: United Instruments 5934P-3 s/n 8K174

Encoder: ACK A-30

FAR 91.413 has been accomplished I.A.W. Part 43 Appendix F.

Transponder: King KT-76A s/n 66738

Conrad F. Woudshel 10/03/08
the radio shop, inc. airport worcester, ma 01602
FAA Repair Station TD5R219N

tion

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME SERV
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10/03/08 4541.8 (TACH) 4541.8

SEP
ADVANCED
REID HIL
2550 JOHN M
SAN JOS
PHONE: (408)
FAX: (408)

180
205

10/3/08

ations
ber of
entries.)

DATE

RECORDING
TACH
TIME

TODAYS
FLIGHT

TOTAL
TIME IN
SERVICE

6/03/08

4541.8(TACH)

4541.8(TT)

1. Approving National Aviation
Authority / Country:
FAA/UNITED STATES

2. AUTHORIZED RELEASE CERTIFICATE
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
2178062

4. Organization Name
and Address:
Cessna Aircraft Company
Cessna Parts Distribution Dept. 702
5800 E Pawnee, Wichita, KS 67218

5. Work Order/Contract/Invoice Number:
868167

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Supply/Match Number:	12. Status/Work:
6	DOOR AY	0752611-1	N/A	1	N/A	New

13. Remarks:
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.

PO# 20771

14. Certify that items identified above were manufactured in conformity in:
☒ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 13.

15. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13
Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.

15. Authorized Signature:

Kenneth E. Wsocki

16. Approval/Authorization No.:

100129CE

20. Authorized Signature:

21. Approval/Certificate No.:

17. Name (Typed or Printed):

KENNETH E. WYSOCKI SR., ODARF

18. Date (m/d/y):

OCT/01/2008

22. Name (Typed or Printed):

23. Date (m/d/y):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. 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 neither airworthiness authority accepts parts/components/assembly from the airworthiness authority of the country specified in Block 1.
Statements in Blocks 14 and 19 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 (R-01)

* Installer must cross-check eligibility with applicable technical data.

NSN: 0052-00-012-9005

DATE 19	RECORDING TACH TIME	TODAYS 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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1/22/09 Tach 4550.2 hobbs 1733.8 Aircraft cleaned and all controls checked and lubed replace one static wic r/wing Check landing gear inspect wheel bearings re-pack inspect wheels swing gear and lub . Replace lord mounts on DG and Horizon falling out of panel service shimmy dampener. Check ELT I/A/W 91-207 (d) battery good till 6/2009.

I certify this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy Condition.

Ronald L Emond
Ronald L Emond A&P 3129006

1/22/09 Tach 4550.2 Hobbs 1733.8
I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition

Michael J Ricard A&P2042419IA

Michael J Ricard

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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6/26/09 TACH 4565.8 (4565.8)
(HOBBS 1752.8)

07/23/09 Tach 4571.8 Hobbs 1760.5 Jack gear operation gear warning horn operating found the throttle position micro switch out switch and reset for horn operation at 1300I operation checked OK

Ronald L Emond A&P 3129006

Ronald L Emond

tificate Number of
er specific entries.)

DATE	RECORDING TACH TIME	TODAYS 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.)
6/26/09	TACH 4565.8 (4565.8T)	(HOBBS 1752.8)		REMOVED + REPLACED MN1300 BATTERIES IN ELT (EXPIRATION 6/30/11); OPS ✓'S GOOD 1/A/W FAR 91.207 (d) <u>James M. Grent</u> ATP 20408196
07/23/09 Tach 4571.8 Hobbs 1760.5 Jack aircraft to test landing gear operation gear warning horn operating during cruise flight found the throttle position micro switch out of adjustment clean switch and reset for horn operation at 1300RPM retest gear operation checked OK				
Ronald L Emond A&P 3129006 <u>Ronald L Emond</u>				

DATE	RECORDING TACH TIME
19	
6/22/10	4606.1
IFR 7100/Static Cert. XPDR/Encoder	

XPDR/Encoder SN 5934P3
CRAIG AVIONICS
SCALE CORRECTIONS

Alt. Reads	Add Algebraically	
	Room Temp. °C	Low Temp. °C
-1000	-1000	
0	0	
500	505	
1000	1010	
1500	1510	
2000	1995	
3000	2990	
4000	3990	
6000	5985	
8000	7980	
10000	9970	
12000	11970	

DATE: 6-22-10 TESTED BY: JMD

ALTIMETER SER. NO. 84174

Alt. Reads	Add Algebraically	
	Room Temp. °C	Low Temp. °C
14000	13975	
16000	15990	
18000	18000	
20000	20030	
22000		
25000	NEXT	CERT
30000	DOE	BEFORE
35000		
40000		
45000	7-1-12	
50000		

INSPECTED BY: JMD

6-22-10
Tach Time 4606.1

CRAIG AVIONICS
Concord Mun. Airport
83 Airport Road
PO Box 865
Concord, NH 03302

ATC XPDR manufacturer KING
Model KT-701A
S/N 606738 was tested and inspected as
per FAR 91.413 and found to comply with appendix
F and appendix E paragraph C of Part 43. IFR
The static pressure system and altimeter have
been tested and inspected in accordance of
and found to comply with FAR 91.411
Next certification is due before 7-1-12

N415193
JEFFREY DUSSEAUT
INSPECTOR
FAA REPAIR STATION
#RS5R182N

and Alteration
ificate Number of
r specific entries

DATE	RECORDING TACH TIME
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6-25-10	4606.1
CRAIG AVIONICS Concord Mun. Airport 83 Airport Road PO Box 865 Concord, New Hampshire	

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er specific entries.)

ATE

RECORDING TACH TIME

**TODAYS
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.)

 $1:25=10$

Feb 1

Repaired #1 RX-155/KI-309 system, #2 RX-155/KI-308 system on 100+33156. Repaired SW on 100+331162

CRAIG AVIONICS

Concord Municipal Airport

83 Airport Rd.

P.O. Box 865

Concord, New Hampshire 03301

CRAIG R. DAVENPORT

CHIEF INSPECTOR
FAA REPAIR STATION
#RS5R182N

N 45193 Tach 4621.3 work Order 26086

Removed EGC model 1394T100-3 s/n 1-1703. Installed serviceable ARC G-300A p/n 1394T100-3 s/n 9707-10. Installed and tested IAW manufacturers installation instructions, satisfactory.

the Radio shop, inc. airport worcester, MA 01602
FAA Repair Station TD5R219N

08/13/10

the radio shop, inc. airport worcester, MA 01602

FAA Repair Station TD5R219N

5183

LDUSSEAULT

PECTOR
AIR STATION
35R182N

CRAIG AVIONICS
83 Airport Road Concord Municipal Airport
Concord, New Hampshire 03301

SERVICEABLE PARTS

DESCRIP. SMF Model or Part No. KN-64
SER. No. 17700 W. O. No. 33162
REPAIRED BY Boston Rel 11 DATE 7-21-10
INSPECTED BY Jim Savage DATE 7-21-10
CUSTOMER Farmington AC No. 1415193
F.A.A. REPAIR STATION **RS5R182N**

BASE CERTIFICATE
THINNESS APPROVAL TAG

Eligibility: * 10. Qty. 1

K PERFORMED:
ORDNANCE WITH THE PROC
1997.

19. ☒ 14 CFR 43.9 Return to Service
Certifies that unless otherwise specified in Block 13 was
12 and described in Block 13 was
Regulations, part 43 and in respect
return to service.

20. Authorized Signature
Michael Gros
22. Name (Typed or Printed):
MICHAEL GROS

Responsibilities
automatically constitute authority to ins

© 1991 ASA

Repairs and Alterations

(Certificate Number of
or other specific entries.)

DATE	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Inspection Facility. (See back pages for other specific entries.)				

3/22/2011 Tach 4640.4 hobbs 1845.5 Aircraft cleaned and all
controls checked and lubed Check landing gear inspect wheel
bearings and re-pack inspect wheels swing gear and lub
Service shimmy dampener. Remove spinner service prop
Replace all screws Inspect entire aircraft
Check ELT I/A/W 91-207 (d) battery good till 06/30/2011.
I certify this aircraft has been inspected in accordance with
a 100 hr inspection and was determined to be in airworthy
Condition.

Ronald L Emond A&P 3129006

Ronald L Emond

03/22/2011 Tach 4640.4 Hobbs 1845.5 TT 46404
I certify this Aircraft has been inspected in accordance with
an annual inspection and was determined to be in
airworthy condition

Michael J Ricard A&P2042419IA

Michael J Ricard

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/27/11	TACH 4658.6 (HOBBS 1868.2)		(4658.6)	REMOVED + REPLACED MN1300 BATTERIES IN ELT (EXPIRATION 6/30/13); OPS V's GOOD I/A/W FAR 91.207 (d) <i>Jeffrey Dusseault</i>

CRAIG AVIONICS
Concord Mun. Airport
83 Airport Road
PO Box 865
Concord, NH 03302

ATC XPDR manufacturer *King*
Model *KT76A*
S/N *66673B* was tested and inspected as
per FAR 91.413 and found to comply with appendix
F and appendix E paragraph C of Part 43, to include
altitude reporting.
Next certification is due before *9/1/13*

N45193
JEFFREY DUSSEAULT
Jeffrey Dusseault
INSPECTOR
FAA REPAIR STATION
#RS5R182N

8-9-11
TACH Time *4678.8*

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
19			

3/19/2012 Tach 4704.5 hobbs 1924.5 Aircraft clear
controls checked and lubed Check landing gear insp
bearings and re-pack inspect wheels Repair nose wh
swing gear and lub Service shimmy dampener. Rer
service prop. Repair mid section stab and trim pulley
not moving free up check cables (OK) Replace landin
lights. Clean gascolator (found debris need to monit
ELT I/A/W 91-207 (d) battery good till 06/30/2013.
I certify this aircraft has been inspected in accordanc
a 100 hr inspection and was determined to be in airv
Condition.

Ronald L Emond A&P 3129006

03/28/12 Tach 4706.2 Hobbs 1926.5 Ren
And prepare, fit, paint and install the new

Ronald L Emond A&P 3129006

Repairs and Alterations
 and Certificate Number of
 for other specific entries.)

REPAIRS IN
 PS's GOOD
 2/24/12 PS 24108146

5193
 EY DUSSEAU
 INSPECTOR
 PAIR STATION
 S5R182N

DATE	RECORDING TACH TIME	TODAYS 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.)				

3/19/2012 Tach 4704.5 hobbs 1924.5 Aircraft cleaned and all controls checked and lubed Check landing gear inspect wheel bearings and re-pack inspect wheels Repair nose wheel tube (leaking) swing gear and lub Service shimmy dampener. Remove spinner service prop. Repair mid section stab and trim pulleys under floor not moving free up check cables (OK) Replace landing and taxi lights. Clean gascolator (found debris need to monitor) Check ELT I/A/W 91-207 (d) battery good till 06/30/2013.
 I certify this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.

Ronald L Emond A&P 3129006

Ronald L Emond

03/19/2012 Tach 4704.5 Hobbs 1924.5
 I certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition

Michael J Ricard A&P20424191A

Michael J Ricard

03/28/12 Tach 4706.2 Hobbs 1926.5 Remove left Stab tip
 And prepare, fit, paint and install the new tip.

Ronald L Emond A&P 3129006

Ronald L Emond

DATE	RECORDING	TODAYS	TOTAL
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- 07/02/12 Tach 4723.8 remove cowlings ck vacc pump
- Shaft broken remove pump and replace with Rapco O/H
- Unit 211cc ser #146844
- Run up engine all operations satisfactory.

Ronald L Emond A&P3129006

Ronald L Emond

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)

7-25-12 4729.7

Removed ACK A-30 SN 75702 Encoder and
 Installed a new AAF 5-35 SN 11610 Encoder.
 Wt change neg.

Craig Avionics

Concord Municipal Airport
 83 Airport Road
 P.O. Box 865
 Concord, New Hampshire 03302

Jeff Dusseau
 RS512182N

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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7-25-12
 Tach Time 4729.7

CRAIG AVIONICS
 Concord Mun. Airport
 83 Airport Road
 PO Box 865
 Concord, NH 03302

ATC XPD
 Model 1
 S/N 126
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 Next certi

ns, Tests, Repairs and Alterations

Name, Rating and Certificate Number of
See back pages for other specific entries.)

DATE

19

RECORDING
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TODAYS
FLIGHT

TOTAL
TIME IN
SERVICE

Technician or Repair Facility. (See back pages for other specific entries.)

7-25-12

TACH Time 4709.7

CRAIG AVIONICS
Concord Mun. Airport
83 Airport Road
PO Box 865
Concord, NH 03302

ATC XPDR manufacturer

Model KT 76A

S/N 1010738

was tested and inspected as
per FAR 91.413 and found to comply with appendix
F and appendix E paragraph C of Part 43, to include
altitude reporting.

The static pressure system and altimeter have
been tested and inspected in accordance of
and found to comply with FAR 91.411

Next certification is due before 8/1/14

KING

N45193

JEFFREY DUSSEAUT

Jeff Dusseaut
INSPECTOR

FAA REPAIR STATION
#RS5R182N

SN 75702 Encoder and
5-25 SN 11010 Encoder

Jeff Dusseaut
RS5R182N

DATE 10	RECORDING TACH TIME	TODAYS 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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N45193

11/06/2012 Tach 4757 Hobbs 1989.9 Remove engine cowlings
Remove all nec baffles to remove starter and replace with a new
Sky-Tec Model # 149-NL ser. # FN-381283 I/A/W Sky-Tec
Installation Instructions. Remove Propeller from engine and install
new alternator V Belt P/N S1597-1-37.5 reinstall propeller after
cleaning and installing new O-ring.

Ronald L Emond A&P 3129006

Ronald L Emond

FAA - PMA

This tag certifies that Sky-Tec Model No. **149-NL**
Serial No. **FN-381283** was manufactured new on 27 Sep 2012
by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement
No. 7 per CFR14 Part 21 in accordance with Sky-Tec's
FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and
conforms to the relevant FAA-approved drawings. This part has been
determined to be airworthy.
For installation eligibility see www.skytecair.com/eligibility.htm

Starter installed on **N 45193** by **RON EMOND**.
(Aircraft) (Mechanic)

11/06/2012
A&P 3129006

Form CC1108-1

© 1991 ASA

DATE 10	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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3/08/2013 Tach 4763.5 hobbs 1997.7 Aircraft
controls checked and lubed Check landing gear
bearings and re-pack inspect wheels swing gear
Service shimmy dampener. Remove spinner se
Control cables (OK) lights all in working condi
ELT I/A/W 91-207 (d) battery good till 06/30/13
Install O/H exchange unit ser # T65296B.
I certify this aircraft has been inspected in accor
a 100 hr inspection and was determined to be in
Condition.

Ronald L Emond A&P 3129006

Ronald L Emond

03/08/2013 Tach 4763.5 Hobbs 1997.7 T7
I certify this Aircraft has been inspected in acc
an annual inspection and was determined to be
airworthy condition

Michael J Ricard A&P20424191A

Michael J Ricard

Repairs and Alterations
 and Certificate Number of
 or other specific entries.)

DATE	RECORDING TACH TIME	TODAYS 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.)				

3/08/2013 Tach 4763.5 hobbs 1997.7 Aircraft cleaned and all controls checked and lubed Check landing gear inspect wheel bearings and re-pack inspect wheels swing gear and lub Service shimmy dampener. Remove spinner service prop. Check Control cables (OK) lights all in working condition. Clean gascolator Check ELT I/A/W 91-207 (d) battery good till 06/30/2013 Remove A/H ser # T42497 Install O/H exchange unit ser # T65296B.
 I certify this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy Condition.
 Ronald L Emond A&P 3129006

Ronald L Emond

03/08/2013 Tach 4763.5 Hobbs 1997.7 *TT 4763.5*
 I certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition

Michael J Ricard A&P2042419IA

Michael J Ricard

03/29/2013 Tach 4765.0 Replace two main tires (15X6.0-6) and Nose wheel tire (Condor 5.00-5 6 ply) new Air Hawk tires. Jack Aircraft and swing gear verify wheel fit in wells Flight test, all operations satisfactory.

Ronald L Emond A&P3129006

Ronald L Emond

DATE 19	RECORDING TACH TIME	TODAYS 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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N45193

05/11/2013 Tach 4777.5 Left nav light out, disassemble and check bulb ok found bad grounds cleaned and reassembled
ck landing light found bad connection near firewall repaired
as nec. Ck. Gear warning horn adjusted sw at carb
all operations satisfactory.

Ronald L Emond A&P3129006

Ronald L Emond

6/21/13	Tach 4785.7 (Hobbs 2025.7)	(4785.7)	REMOVED + REPLACED MW/300 BATTERIES IN ELT (EXPIRATION 6/30/15); OPS V's GOOD I/A/W FAR 91.207 (d) <i>James H. Smith</i> ATP 3423487
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DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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N45193

07/10/2013 Tach 4787.3 Drain oil and
Champion oil filter out open old filter
Engine with eight quarts Aero Shell
pieces of scat hose front of engine (c
broken wire on gear horn switch, rem
trim wire and re-solder and re-install.
perform a re-tract test (OK) Checked
OK adj level of water in batt.

Ronald L Emond A&P3129006

Ronald L Emond

N45193
2/22/2014 Tach 4814.0 hobbs 2061.8 Aircraft cleaned
controls checked and lubed Check landing gear Replace
bolt on nose gear link install new bushings (4) inspect
bearings and replace both nose wheel bearings and con
and re-pack inspect main wheels swing gear and lub
Service shimmy dampener. Remove spinner service pr
Control cables Replace alt. air door on air box. Replace
Mounts Check lights all in working condition. Clean ga
ELT I/A/W 91-207 (d) battery good till 06/30/2015. Re
static wics left wing ESD-1 install new gill Battery.
I certify this aircraft has been inspected in accordance w
a 100 hr inspection and was determined to be in airworth
Condition.
Ronald L Emond A&P 3129006 *Ronald L Emond*

Repairs and Alterations
and Certificate Number of
s for other specific entries.)

DATE 19	RECORDING TACH TIME	TODAYS 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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N45193

07/10/2013 Tach 4787.3 Drain oil and replace Filter with
Champion oil filter cut open old filter nothing found service
Engine with eight quarts Aero Shell 15/50 oil replace two
pieces of scat hose front of engine (coming apart) Found
broken wire on gear horn switch, remove switch from carb
trim wire and re-solder and re-install. Jack aircraft and
perform a re-tract test (OK) Checked batt box for corrosion
OK adj level of water in batt.

Ronald L Emond A&P3129006

Ronald L Emond

← OIL CHANGE REC. COPIED TO

N45193 ENGINE LOG

N45193

2/22/2014 Tach 4814.0 hobbs 2061.8 Aircraft cleaned and all
controls checked and lubed Check landing gear Replace center
bolt on nose gear link install new bushings (4) inspect wheel
bearings and replace both nose wheel bearings and cones
and re-pack inspect main wheels swing gear and lub
Service shimmy dampener. Remove spinner service prop. Check
Control cables Replace alt. air door on air box. Replace 5 cowling
Mounts Check lights all in working condition. Clean gascolator Check
ELT I/A/W 91-207 (d) battery good till 06/30/2015. Replace two
static wics left wing ESD-1 install new gill Battery.
I certify this aircraft has been inspected in accordance with
a 100 hr inspection and was determined to be in airworthy
Condition.

Ronald L Emond A&P 3129006

Ronald L Emond

1061.8

02/22/2014 Tach 4814.0 Hobbs 1999.7 TSMOH
I certify this Aircraft has been inspected in accordance with
an annual inspection and was determined to be in
airworthy condition

Michael J Ricard A&P20424191A

N45193

Michael J Ricard

BATTERIES IN
V's GOOD
Michael J Ricard
3423487

Repairs and Alterations
and Certificate Number of
for other specific entries.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
19			
Date: <u>9-4-14</u>			#1
N <u>45193</u>			#2
Tach or			#1
Hobbs: <u>4841.8</u>			#2
			#1
			#2
The above listed XPNDF found to comply with apper			
The static pressure syste accorda			
This a			
Next cer			



CRAIG AVIONICS 83 AIRPORT ROAD CONCORD NH 03301

DATE: 9-4-14 TACH/HOBBS 4841.8 N 45193

#1 ALT P/N 5934A-3
#2 ALT P/N

#1 ALT SER. NO. BK174
#2 ALT SER. NO.

ALT READS	Add Algebraically	
	ALT #1	ALT #2
-1000	-1020	
0	-10	
500	480	
1000	965	
1500	1480	
2000	1980	
3000	2970	
4000	3970	
6000	5960	
8000	7960	

ALT READS	Add Algebraically	
	ALT #1	ALT #2
10000	8960	
12000	11950	
14000	13950	
16000	15960	
18000	17970	
20000	19970	
22000		
25000		
30000		
35000		

TEST
By: JMD

INSP
By: JMD

NEXT CERT DUE BEFORE 10-1-16

CA#10

Concord NH Municipal Airport
83 Airport Road, PO Box 965
Concord, NH 03302
(603) 225-6924

Jeff Dusseault
Inspector
Repair station # RS5R182N

Jeff Dusseault

Tests, Repairs and Alterations
e, Rating and Certificate Number of
ack pages for other specific entries.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
19			

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.)

Date: 9-4-14
 N 45193
 Tach/or
 Hobbs: 4841.8
 #1 Alt Model 5934P-3 s/n 8K174
 #2 Alt Model _____ s/n _____
 #1 XPDR Model FT 760A s/n 60673B
 #2 XPDR Model _____ s/n _____
 #1 Enc Model SAES-35 s/n 11610
 #2 Enc Model _____ s/n _____

The above listed XPDR(S) & ENC (S) were tested and inspected as per FAR 91.413 and found to comply with appendix F and E paragraph C of part 43, to include Altitude reporting.

The static pressure system and above listed Alt (S) have been tested and inspected in accordance of and found to comply with FAR 91.411

This aircraft is certified for the purpose of IFR use

Next certification is due before 10/1/16



Cenault, NH Municipal Airport
 62 Airport Road, P.O. Box 555
 Cenault, NH 03302
 (603) 225-8054

Jeff Dusseault
 Inspector
 Repair station # RS5R182N

[Signature]

Repairs and Alterations
 Certificate Number of
 for specific entries.)

DATE	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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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.)

N45193

3/31/2015 Tach 4847.9 Hobbs 2102.7 Aircraft cleaned and all
 controls checked and lubed Check landing gear inspect wheel
 bearings and re-pack inspect main wheels swing gear and lub
 Service shimmy dampener. Remove spinner service prop. Check
 Control cables Check lights all in working condition. Clean
 gascolator Check ELT I/A/W 91-207 (d) battery replaced next
 due 4/30/2017 Install O/H #1 exhaust riser and gasket.
 I certify this aircraft has been inspected in accordance with
 a 100 hr inspection and was determined to be in airworthy
 Condition.

Ronald L Emond A&P 3129006

Ronald Emond

no. returned

03/31/2015 Tach 4847.9 Hobbs 2102.7

I certify this Aircraft has been inspected in accordance with
 an annual inspection and was determined to be in
 airworthy condition

Michael J Ricard A&P2042419IA

Michael J Ricard

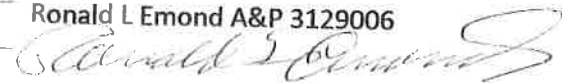
ELT
 601
 CTOR
 TATION
 IN

N45193

08/27/2015 Tach 4885.12 Hobbs 2145.3 Install new

- Flush fuel sump left wing fuel tank.
- run up ck. Ok

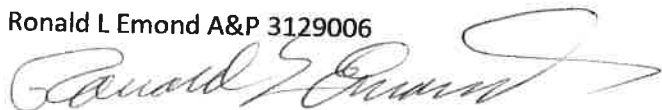
Ronald L Emond A&P 3129006



N45193

10/09/2015 Tach 4887.9 Hobbs 2149.3 Check brakes
found line leaking at M/C tighten line and bleed
complete system ops OK Check tire pressure and adj
as needed

Ronald L Emond A&P 3129006



Inspections, Tests, Repairs and Alterations

Recorded with Name, Rating and Certificate Number of
Facility. (See back pages for other specific entries.)

DATE

19

RECORDING
TACH
TIME

TODAYS
FLIGHT

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TIN
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N45

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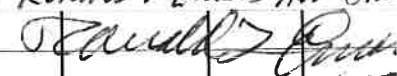
Fit a

Ron

N45193

4/12/2016 Tach 4892.3 Hobbs 2154.7 TT 4892.3 Aircraft
controls checked and lubed Check landing gear inspect v
bearings and re-pack inspect main wheels swing gear an
Service shimmy dampener. Remove spinner service pro
Control cables and adj. Replace static wick on elev. Disa
Starter ok disassemble alt clean up test and replace brus
Service nose strut (Flat) Check lights all in working cond
Clean gascolator Check ELT I/A/W 91-207 (d) battery low
on order (junk) batt next due 3/30/2018 Replace air filter
↳ (see 4/25/16)

I certify this aircraft has been inspected in accordance w
a 100 hr inspection and was determined to be in airworth
Condition. *Ronald L Emond A&P 312*



nd Alterations
icate Number of
specific entries.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIN SEI	
19				N45193 12/11/15Tach 4892.2 Hobbs 2154.6 Customer complaint is panel light out strobe not working good and top center console broken plastic junk. Replace in line transistor and rheostat for panel lightsreplaced strobe switch (bad) drill out set screw on rheostat switch knob and replace. Tested all lights and dimmer working correct. Fit and install new center console panel. Ronald L Emond A&P 3129006 

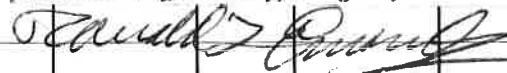
Iterations
Number of
ific entries.)

N45193

4/12/2016 Tach 4892.3 Hobbs 2154.7 TT 4892.3 Aircraft cleaned and all controls checked and lubed Check landing gear inspect wheel bearings and re-pack inspect main wheels swing gear and lub Service shimmy dampener. Remove spinner service prop. Check Control cables and adj. Replace static wick on elev. Disassemble Starter ok disassemble alt clean up test and replace brushes. Service nose strut (Flat) Check lights all in working condition. Clean gascolator Check ELT I/A/W 91-207 (d) battery lower case on order (junk) batt next due 3/30/2018 Replace air filter element BA 5705.

→ (see 4/25/16)
I certify this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy Condition.

Ronald L Emond A&P 3129006



04/12/2016 Tach 4892.3 Hobbs 2154.7 TTIS 4892.3
I certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition

Michael J Ricard A&P2042419IA

Michael J Ricard

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
4/25/2016	TACH		4892.8	INSTALL NEW ELY BATT CASE Q TEST OK RONALD L. Emond A&P 3129006 <i>Ronald L. Emond</i>

06/10/16 Tach 4895.2 Hobbs 2155.9 Remove Battery due to
A bad cell and install new maintenance free 11-03882 Concord
RG-35AXC.

Ronald L Emond A&P 3129006

Ronald L. Emond

DATE	RECORDING	TODAYS	TOTAL
N45193			
04/04/2017	Tach 4904.3 TT 4904.3		
All controls c wheel bearing cleaned and repacked. ELT ck. I/A/ next due 11/2017 seat tracks, rollers, and pins. F bracket air filter BA5805 lube landing gear, perfor check all lights and equipment. service shimmy d AD# 83-14-04, 2001-23-03, 2011-10-09. See ad lis aircraft records. Replace both main tires. clean bri I certify this aircraft has been inspected in accorda inspection and was determined to be in airworthy c Ronald L Emond A&P3129006 <i>Ronald L. Emond</i>			
04/05/2017	Tach 4904.3 TT 4904.3		
I certify this Aircraft has been inspected in accordanc with an annual inspection and was determined to be airworthy condition. Michael J Ricard A&P 20424191A <i>Michael J Ricard</i>			

ts, Repairs and Alterations
ating and Certificate Number of
pages for other specific entries.)

ATP CASE

3129016
[Signature]

DATE	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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N45193

04/04/2017 Tach 4904.3 TT 4904.3 All controls checked and lubed, wheel bearing cleaned and repacked. ELT ck. I/A/W 91-207 (d) next due 11/2017 seat tracks, rollers, and pins. Replace bracket air filter BA5805 lube landing gear, perform retract test check all lights and equipment. service shimmy dampner C/W AD# 83-14-04, 2001-23-03, 2011-10-09. See ad list with permanent aircraft records. Replace both main tires. clean brake disc. I certify this aircraft has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition.
Ronald L Emond A&P3129006

[Signature: Ronald L Emond]

04/05/2017 Tach 4904.3 TT 4904.3

I certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Michael J Ricard A&P 20424191A

[Signature: Michael J Ricard]

forced with Name, Rating and Certificate Number of
r Facility. (See back pages for other specific entries.)

5/1/17 TACH 4905.1 TT 4905.1

(HOBBS 2170.5)

REMOVED + REPLACED MN 1300 BATTERIES IN
ELT. OPS VIS GOOD I/A/W FAN 91.207(d)

NEXT DUE 5/2019.

[Signature: Jonathan Orant]
ATP 3423487

Date: 07/21/17 #1 Alt Model S934P-3 s/n 8K174
 N 45193 #1 XPDR Model KT 76A s/n 66738
 Tach or #1 Enc Model SAES-35 s/n 11610
 Hobbs: 4909.50 #2 Alt Model N/A s/n N/A
 #2 XPDR Model N/A s/n N/A
 #2 Enc Model N/A s/n N/A

The above listed XPDR(S) & ENC (S) were tested and inspected as per FAR 91.413 and found to comply with appendix F and E paragraph C of part 43, to include Altitude reporting

The static pressure system and above listed Alt (S) have been tested and inspected in accordance of and found to comply with FAR 91.411

Next certification is due before 08/01/19



Concord, NH Municipal Airport
 83 Airport Road, PO Box 865
 Concord, NH 03302
 (603) 225-8994

Jeff Dusseault
 Inspector
 Repair station # RS5R1

Jeff Dusseault

Tests, Repairs and Alterations

(Rating and Certificate Number of each page for other specific entries.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
19			

N45193
 08/24/17 Tach: 4910.8
 Replaced nose gear up and down hoses on nose and 0134, S2178C4-0150, S2178C4-0104. Gear retract te Cessna maintenance manual D2009-2-13. Checked o Ronald L Emond A&P 3129006

Ronald L Emond

N45193
 09/07/2018 Tach 4911.6 TSMOH 1517.5 TTIS 49
 Remove engine and all accessories from firewall Access for firewall repair and nose gear bracket Pickle engine and store until sheet metal repair By Infinity Aviation, Nashua Airport

Ronald L Emond A&P 3129006

Ronald L Emond

Pairs and Alterations
 and Certificate Number of
 for other specific entries.)

INCORP NH 03:

N 45193
 NO. OK 17
 NO. N/A

Add Algebraically	
ALT #1	ALT #2
1940	N/A
940	
353	
935	
960	
970	
21A	

CA#10

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
19			

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.)

N45193
 08/24/17 Tach: 4910.8
 Replaced nose gear up and down hoses on nose and main gear. Part # S2178C4-0134, S2178C4-0150, S2178C4-0104. Gear retract test done in accordance with Cessna maintenance manual D2009-2-13. Checked ok.
 Ronald L Emond A&P 3129006

Ronald L Emond

N45193
 09/07/2018 Tach 4911.6 TSMOH 1517.5 TTIS 4932.8
 Remove engine and all accessories from firewall to allow
 Access for firewall repair and nose gear bracket replacement.
 Pickle engine and store until sheet metal repairs are completed
 By Infinity Aviation, Nashua Airport

Ronald L Emond A&P 3129006

Ronald L Emond

N45193

03/25/2018 Tach 4911.6 TSMOH 1517.5 TTIS 4932.8
 Install engine and all accessories after firewall repair was
 Completed By Infinity Aviation, Nashua Airport

Ronald L Emond A&P 3129006

(SEE INFINITY
 AVIATION 3/25/18
 STICKER WORK
 NEXT PAGE)

Ronald L Emond

DATE	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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N45193

4/03/2018 Tach 4911.6 TT 4911.6 Aircraft cleaned and all controls checked and lubed Check landing gear inspect wheel bearings and re-pack inspect main wheels swing gear and lub Service shimmy dampener. Remove spinner service prop. Check Control cables and adj. Replace 3 static wick on elev. Service nose strut Check lights all in working condition. Clean gascolator Check ELT I/A/W 91-207 (d) battery batt next due 5/30/2019 Replace air filter element BA 5705.

I certify this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy Condition.

Ronald L Emond A&P 3129006

Ronald L Emond

04/03/2018 Tach 4911.6 TT 4911.6

I certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition

Michael J Ricard A&P2042419IA

Michael J Ricard

DATE	RECORDING TACH	TODAYS FLIGHT
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Date: 3/20/2018; Aircraft: N45193

*Remove the nose landing gear, e

*Performed a repair of the firewall

the inner stainless steel firewall wi

040. Reference the A/C 43.13-1B

5) 53-40-00-8 figure 801, sheet 1:

hardware. Re-installed all removed

maintenance facility.

*Installed a new left side air defrost

the duct mounting flange. Repaired

Operationally tested satisfactory.

*Check the aircraft for a pitot static

Performed a static leak check as re

noted.

Signature: Alan Desrosiers

Date: 03/20/2018; W/O: 1666

Infinity Aviation Services LLC

FAA Certified Repair Station

#16FR992Y

Ins, Tests, Repairs and Alterations
 1 Name, Rating and Certificate Number of
 (See back pages for other specific entries.)

DATE

RECORDING
TACH

TODAYS
FLIGHT

TOTAL
TIME IN

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of
 Repair Facility. (See back pages for other specific entries.)



INFINITY AVIATION

117 Perimeter Road / Nashua, NH 03063
 FAA Certified Repair Station #16FR992Y

Date: 3/20/2018; Aircraft: N45193; Type: 177RG; S/N: 177RG1096; Hobbs:; Tach: 4911.50; Total Time:

- *Remove the nose landing gear, engine mount to gain access to the firewall and partial dissassembly for repair plan.
- *Performed a repair of the firewall step cluster at the nose gear actuator upper attachment bracket. Performed a flush patch repair to the inner stainless steel firewall with AMS5518.016 (301 1/2 Hard) and replaced the entire outer firewall step with aluminum 2024-T3 040. Reference the A/C 43.13-1B section 4-58 paragraph (e) and (f). Reference the Cessna single engine structural repair manual (rev 5) 53-40-00-8 figure 801, sheet 1: Typical firewall repairs. Installed a new upper nose gear actuator bracket p/n 2013003-5 with new hardware. Re-installed all removed items and the engine mount. The gear rigging and engine installation to be completed by the owners maintenance facility.
- *Installed a new left side air defroster nozzle p/n 1713368-1. Fitted and installed the original control valve in the duct. Fit and reinforced the duct mounting flange. Repaired the forward duct support to the upper windshields flange. I nstalled a new #8 scat duct hose. Operationally tested satisfactory.
- *Check the aircraft for a pitot static leak. Found a broken tube at the left door pillar. Replaced the tube in accordance with the AMM. Performed a static leak check as required by FAR part 91.411 par. A (2&3) in accordance with FAR part 43 appendix E par A. No leaks noted.

Signature: Alan Desrosiers
 Date: 03/20/2018, W/O: 16661
 Infinity Aviation Services LLC
 FAA Certified Repair Station
 #16FR992Y

DATE	TOTAL TIME IN SERVICE
19 _____	

Reference of Major Repairs and Major Alterations To

FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

N45193

11/15/2018 Tach: 4942.5

Replaced ignition switch part number 11-03170 with customer supplied replacement unit A-510-2. Performed run up, all operational checks, OK.
Charles R. Ciambra A&P 4134494



N45193

05/08/2019 Tach: 4945.0 TT: 4945.0

Aircraft cleaned, controls checked and lubed. Check landing gear, performed retract tests, All operational checks, OK. Cleaned, inspected and re-packed wheel bearings. Service shimmy damper. Removed spinner and checked prop. Complied with AD 2011-10-09 see aircraft permeant records for full ad list. I certify this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

Charles R. Ciambra A&P 4134494



DATE	TOTAL TIME IN SERVICE	Refere FAA For
19 _____		

N4519:
05/08/
I certifi
inspect
Michae



5/8/19	4945.0	REPLA
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OPERATN



to
the Approving Agency

DATE

19

TOTAL
TIME IN
SERVICE

Reference of Major Repairs and Major Alterations To

FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

N45193

05/08/2019 Tach: 4945.0 TT: 4945.0

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

Michael J. Ricard A&P 20424191A

Michael J. Ricard

5/8/19 4945.0

REPLACED ELT BATTERIES MN1300 TESTED V/A/W 91-207(d) ALL
OPERATIONAL CHECKS OK DUE 5/2021

Chris R. Jordan A&P 4134494

DATE	TOTAL TIME IN SERVICE
19	

Reference of Major Repairs and Major Alterations To

06/21/2019 Tach 4945.8 Install uAvionix skyBeacon Automatic Dependent Surveillance-Broadcast (ADS-B) out in accordance with uAvionics skyBeacon Installation Manual UAV-1002305-001. Revision C. dated November 4, 2018 and AML Number SA04362CH or later FAA approved revisions. The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR section 91.227. Test good

Ronald L Emond A&P 3129006

[Signature]

and the Approving Agency

~~uAvionix skyBeacon~~
ADS-B OUT GPS/S 601

VALIDATION FLIGHT

TEST PASSED. SEE FAA

PAPR+ GAINS REPORTS

6/24/19

[Signature]

APP 3423487

DATE	A.D. NUMBER	TOTAL TIME IN SERVICE	Airv Chro
19			

Date: 11/01/2019; Aircraft: N45193; Type: Inspected static system for leaks found bro Operationally checked satisfactory.

Signature: Glenn Ducharme
Date: 11/01/2019, W/O: A17197
Infinity Aviation Services LLC
FAA Certified Repair Station
#16FR992Y

I certify th
required by
the limits o
TESTE
Transpc

Encoder
Altimete

W/O A
Date
Infinity Avi



300 Pine Needle Lane | Bigfork | MT | 59911
www.uAvionix.com | Office: 1-844-827-2372

QC-1

Model: skyBeacon TSO
P/N: UAV-1001856-002

P/N: UAV-1001856-002
MOD: 3
S/N: 1003573

Certificate of Conformance

I hereby certify that the product/s enclosed herewith, manufactured by uAvionix Corporation, have been inspected and found to be in full accordance with the specifications of:

TSO-C154c B1S, TSO-C145d Beta 1 INCOMP, TSO-C88b,
TSO-C30c Type I, and TSO-C96a Class II.

By: *[Signature]*
Country of Origin: U.S.A.

Date: APR 02 2019
UAV-1002530-001 (Rev C)



Bigfork | MT | 59911
Office: 1-844-827-2372

Certificate of Conformance

I hereby certify that the product/s enclosed herewith, manufactured by uAvionix Corporation, have been inspected and found to be in full accordance with the specifications of:

TSO-C30c Type I INCOMP

Date: MAY 16 2019
UAV-1002530-004 (Rev C)

Approving Agency

~~AVIONIC SKYBEACON~~
HIS-B OUT QSV'S 6001

AVIATION FLIGHT
TEST PASSED. SEE FAA

7/11/19 GAINS REPORTS
12/4/19

~~3423487~~
4TP 3423487

Model: skyBeacon TSO, L
Fairing, C172/182
P/N: UAV-1002302-001

with, manufactured by
and found to be
ions of:

16 MAY 16 2019
JAV-1002530-004 (Rev C)

DATE

19

A.D.
NUMBER

TOTAL
TIME IN
SERVICE

Airworthiness Directives

Chronological Listing of Compliance and Method of Compliance



INFINITY AVIATION

117 Perimeter Road / Nashua, NH 03063
FAA Certified Repair Station #16FR992Y

Date: 11/01/2019; Aircraft: N45193; Type: 177RG; S/N: 177RG1096; Hobbs: 2220.40; Tach: 4946.80; Total Time:
Inspected static system for leaks found broken static hose between airspeed indicator and altimeter. Replaced hose as needed.
Operationally checked satisfactory.

Signature: Glenn Ducharme
Date: 11/01/2019, W/O: A17197
Infinity Aviation Services LLC
FAA Certified Repair Station
#16FR992Y

I certify that the altimeter, static system, transponder, and altitude reporter test
required by FAR's 91.411, 91.413, & 91.217 have been performed and found within
the limits of FAR 43, appendices E & F and AC 43-6A.

TESTED TO 20000 FEET ON 11/1/19

Transponder: Mfg BENDIX/KING p/n
Model KT 76A s/n 6673B

Encoder: Model SANDIA p/n s/n 11610

Altimeter: (1) Mfg UNITED p/n 3534P s/n INSTALLED

(2) Mfg p/n s/n

W/O A17197 Tach Hobbs 2220.4

Date 11/1/19 Sign

Infinity Aviation Services LLC Nashua, NH 03063 FAA Repair Station #16FR992Y

DATE

A.D.

TOTAL

Airworthiness Directive

N45193 11/05/2019 Tach: 4946.80 ATT: 4946.80

19. After break in obtained co-pilot side doner door, replaced crank window, door handle and necessary latch parts. All work done I/A/W AC 43.13-1(b).

Charles R. Ciambra A&P 4134494



e and Method of Compliance

DATE

A.D.
NUMBERTOTAL
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