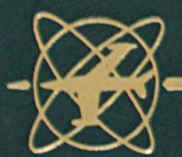


Aircraft Log #2



The Standard

AIRCRAFT LOG

Aircraft Record General Information

Manufacturer Rockwell Commander Model 112TC-A ALPINE
Serial 13186 Registration Number N4656W
Date of Manufacture 1977

Engine(s) currently installed:

Manufacturer Lycoming Model TQ-360 C1A6D Serial L-253-69A
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer Hartzell Model _____
HUB Model _____ Serial DK856 Serial _____
Blade Model _____ Serial D46273 Serial _____
Blade Model _____ Serial DS4275 Serial _____

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Alterations
19 <u>98</u>				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Nov.	1360.3		1360.3	
				TACHOMETER <u>1360.3</u> TOTAL TIME <u>1360.3</u>
				Certify this <u>Airframe</u> has been inspected
				In accordance with a <u>Annual</u> inspection
				and was determined to be in airworthy condition.
				Dated <u>November 2, 1998</u>
				Signed <u>[Signature]</u>
				Philip A Criscenzo IA 143449919
TAYLOR AVIATION 93 HANGAR RD HANGAR B ORANGE COUNTY AIRPORT MONTGOMERY, NEW YORK 12549				
TAYLOR AVIATION INC. W.O. / INVOICE # 1357 This Aircraft Inspected I.A.W. FAR 43.13 Appdx 2 and Commander Guide. M.A.P. Gauge Overhauled due to sticky needle and Reinstalled to Spec. (See Yellow Tag), Tylenol Parking Brake Valve Fittings, Replaced Nose Gear Tire w/ 500 x 5 x 6 Ply Cordar, Replaced Nose Gear Wheel Bearings and Races, Replaced Left Main Inbd. Bearing + Race, Replaced Pilot + Co-Pilot Side Windows w/ L.P. Aero Plastics Replacements, Adjusted Door Latch Mechanisms, Reset Cable Tension to Electric Pitch Trim to Spec., Replaced Carburetor Temp Probe				

DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Alterations
19 <u>98</u>				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Nov.	1360.3		1360.3	
P/N 102-00002, Repaired Injection Air Control Door + Rod end assy as Required, Replaced E.C.T. Probe w/ Correct Part # 88160 and Calibrated per Atek Spec., Adjusted Elevator Cable Tensions, Replaced upper Rudder Bearing and Bolt and shimmed as Required, Replaced Panel Hardware as required w/ stainless steel, Removed and Reinstalled O-Haul exchange Weldon Aux Fuel Pump assy with P/N 8159-A S/N 82007 (See Yellow Tag), Replaced Tail lens on strobe Assy, Replaced A.D.F. Tension Spring on Antennae, Replaced Battery Box Anchor Hardware, Adjusted Rudder Cable Tensions to Spec. Replaced Right Flap Inboard Rod-End bearing and Adjusted Flap Travel + Limit Switches, Tyrod Gear Wheel Well Harness Wiring as required. Replaced lower Flexible Brake lines w/ New Part and bled brakes as Required, Re-packed Right Gear Actuator and Adjusted to Spec. Replaced Flexible Hydraulic Hoses to Gear Actuators and Serviced System as Required, Replaced Right Gear Uplink Bumper, Installed New Ground Terminal on Landing Gear Sequence wiring, Replaced Nose Gear Actuator Attach Bolts due to wear, Aligned / Adjusted Nose				

19 <u>98</u>	TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Nov.	1360.3		1360.3	gear doors, Installed new adal Clamps of Ridgid Brake Lines & Gear Strut, Re-Torqued Main Gear Trunion Bolts, Replaced R-Brake bleeder Valve, Replaced left/right Aileron Bellcrank Hardware to Spec., Replaced Vacuum Center and Central Filters w/ 83-5-1 and 09-18-1, Replaced R. Wing Strike power supply w/ Hoskins P/N 701295-S, Cleaned excess debris from Console floor area, Tyrap wiring under panel as required, Installed Alcor CITT Gauge replacement for A.E.M. due to lack of Parts Availability. See 337 Filed for Install details, Checked A.D. Applicability Through this date w/ ATP Navigator and FAA FED. LIBRARY, AD 90-04-06 D/N/A by Design (Steel fitting) A.D. 84-26-02 D/N/A by Type installed (Air filter), A.D. 96-12-07 on Magneto Insp. Cfu by installation of O-Healed magneto this date, AD88-05-06 P.C.W @ 876.71 Hrs, A.D. 90-04-07

MAINTENANCE RELEASE

Part No. 34-828-014-13 Description Prop Gov. Assy. Serial No. 10581
 was ☒ REPAIRED (describe) bench test only

☐ OVERHAULED per the following documents (include revision levels):
 Manuals _____
 Service Bulletins _____
 Service Letters _____
 Service Instructions _____
 Service Advisories _____

The following Airworthiness Directives have been complied with:

A.D.	Method of Compliance	Recurrs at: Date or Hours

Time Since New _____ Time Since Overhaul/Major _____

The item(s) identified above were repaired or overhauled (as indicated) and inspected in accordance with current FAA regulations and are approved for return to service. Pertinent details of this repair or overhaul are on file at this repair station under work order # 204310

Date 10-29-98 Signed Wallace B. Walte
 for Repair Station #QV9R194N

SENSENICH PROPELLER SERVICE, INC.
 519 East Airport Road, Lititz, PA 17543

FORM 004

DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
19 98				
Nov 2	1360.3		1360.3	POW @ 876.71 Hrs, AD 85-03-04 R2 P/C/W @ 876.71. Cockpit Functional Test Performed this date with no further discrepancies noted @ this time. Aircraft Returned to Service this date. <i>Indy A Giscenzo Taylor Aviation Inc.</i> <i>FAA # AP 143449919</i> (Yellow Tags & Maintenance Releases found in Maintenance Records Binder)
Nov. 8/98	1362.8		1362.8	Removed / Reinstalled Prop Governor Inspected and Repaired as Necc. w/ Seibenich Propeller Service. Part # 34-828-014-13 S/N 10581 (See Yellow Tag) Adjust to Eyme as Required. System tested w/ no discrepancy noted @ this time. <i>FAA # 143449919 AIP</i>

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.)
19 98				
Dec 15	1364.1		1364.1	Re-packed left/right Main Gear Struts w/ new O-rings and Seals, Serviced Struts w/ 5606 and Wtrogen to Spec. this date. <i>FAA # 143449919 AIP</i>
8-2-99	1408.3			removed prop governor for repair by Santa Monica Prop and reinstalled; run up and leak check gear. W.O. 8952 John Attardo ZM3R029M
8-2-99	1408.3			3+ 2+ 01+ 0 01+ 0 I certify that the Altimeter, Static System, Encoder and Transponder tests required by FAR Part 91.411 and 91.413 have been performed. The Altimeter was tested to <u>20,000</u> feet. Mile High Avionics Division Arizona Air-Craftsman, Inc. FAA CRS No. ZM3R029M Signature <u>Mit W. Erway</u> Date <u>9/23/99</u>

1. UNITED STATES		2. FAA FORM 8130-3 AIR WORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration			3. SYSTEM TRACKING REF. RMA# 654566	
4. Organization  UPS Aviation Technologies A subsidiary of United Parcel Service		2345 Turner Road, SE, Salem, OR 97302 USA			5. WORK ORDER, CONTRACT, OR INVOICE NUMBER R0# 3610	
6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY	10. QTY	11. SERIAL/BATCH NUMBER	12. STATUS/WORK
1.	Mx20	430-0270-500 MOD ARKH		ONE	6022131	REPAIR
13. REMARKS All work performed was in accordance with FAA approved data. The work order detailing the actual work performed is attached or on file at UPS Aviation Technologies.						
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) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (were) approved for return to service.			
16. SIGNATURE:		18. FAA AUTHORIZATION NO:		20. AUTHORIZED SIGNATURE:		21. CERTIFICATE NO: JC6R634N
17. NAME (TYPED OR PRINTED):		19. DATE:		22. NAME (TYPED OR PRINTED): MATTHEW T. VAN HOUTEN		23. DATE: 01-22-92

FAA Form 8130-3 (11-90)

(See other side)

19	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
10-1-99	tach 1429.0	installed oil pressure actuated hobbs meter (O.O) resealed pilot side right brake master cyl. replaced prop governor with O/H governor P.N. 34-828-014-13 S.N. 1002841. pumpkins repaired bottom cowd at exhaust stack outlet. W.O. 91841 John Attelsted 2m38029m	
10-22-99	tach 1449.98 SIC SA 2677CE	installed flap + aileron gap seals per (see form 337 this date. W.O. 9290 John Attelsted 2m38029m	
10-22-99	tach 1449.98 S.N. 601859118	replaced battery with bill G-35 W.O. 9290 John Attelsted 2m38029m	

DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
10-27-99				Repaired right gear down switch; replaced & serviced shimmy dampener; replaced landing lights; serviced right struts with nitrogen. W.O. 9324 John Attwood 2M3R029M
Signature: <i>John Attwood</i>				

DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10-27-99				Repaired right gear down switch; replaced & serviced shimmy dampener; replaced landing lights; serviced right struts with nitrogen. W.O. 9324 John Attwood 2M3R029M
11-9-99				ROCKWELL INTERNATIONAL 112TEA SN:13186 N4666W DATE: <u>NOV 05 1999</u> This is a follow on to the VFR installation of IFR capable equipment dated October 22, 1999. This will be for the IFR certification for the Apollo GX-50 GPS System. The Apollo GX-50 System is a TSO-C129 class A1 GPS authorized for VFR/IFR enroute, terminal, and non-precision instrument approach (GPS, Loran-C, VOR-DME, TACAN, NDB, NDB-DME, RNAV) operation within the U.S. National Airspace System in accordance with AC 20-138. It was installed under STOI SA00504SE and AC 43.13-1B Chapter 11, section 2 paragraphs 428 and 429 section 3 paragraphs 443 through 450 and AC 43.13-2A Chapter 2 paragraphs 21, 22 and 27, Chapter 3 paragraph 38b and the requirements of AC 20-138 paragraph 8c (2). The primary navigation display for the GX50 GPS is the existing NAV HSI located in the pilot's primary instrument scan area. Cross-track deviation, to/from indications and validity are displayed on the HSI. Valid flag messages are provided for the cross-track deviation as well. A panel mounted Apollo ACU annunciator panel is also used for messages and NAV / GPS select. Messages and all other available information are also provided on the existing Apollo GX50 front panel display. The Apollo GX50 FAA Approved Airplane Flight Manual Supplement dated: <u>NOV 05 1999</u> has been installed in the Airplane Flight Manual for this aircraft. Antenna isolation was checked on the VHF frequencies listed per FAA AC 20-138 and no problems were found. Signal to noise ratios were checked and no problems were found from using aircraft battery power to aircraft engines running. EMI tests between the GX50 GPS and other onboard equipment was checked and no problems were found. A flight check was performed and three (3) approaches were made. They were: Prescott (PRC) GPS12 and Two (2) Prescott (PRC) GPS21L approaches. The flight test was accomplished on October 28, 1999 and was normal with no problems and all tests passed. Repairman: <i>Steven R. Curnley</i> #2568418 Repairman Pilot: <i>James L. Ratloff</i> #2007105 2M3R029M END

12-13-09 C/N Annual insp. C/N A.D. 76-07-12 (functional test of
ignition switch); replaced fuel pump; replaced main fuel valve;
replaced fuel filter (20 GPH & installed) (5.12.22 P42) after OK
by major engine systems, one. Replaced engine oil.
inspected I.T. I.T. 7.12.07. Inspected line, engine;
OK more operational I.T. Commander - S.M. 417.12.43 D
A.D. 5 checked engine 99.24, I.T. Battery due 4.00

ARIZONA AIRCRAFTSMAN, PRESCOTT, ARIZONA
I certify that this SR-71 has been inspected
in accordance with a FAA/ASAC inspection and
was determined to be in airworthy condition.

WCH 9470 Tach Time 1503.14
Eng. SACH 117.71 Aircraft Total Time 1503.14
Prop SACH 133.3 Engine Total Time 1503.14

John Alston R.S.#ZM3R029M Date: 12-13-09
Signature [Signature]

413.00 Tach 1576.62 Rockwell Commander 112TCA S.N. 13186

Removed King KR-85 ADF Receiver, KI-225 ADF Indicator and all associated
wiring. Installed UPS Apollo MX 20 ESO Multi-Function Display. The MX-20 was
tested L.A.W. Manual. Manual, all tests passed. The MX 20 was installed L.A.W. UPS
Manual PN: 560-1025-02 Jan. 2000 and L.A.W. FAA AC 43.13-1A, Chap. 11 Sections
2-7 and AC 43.13-2A, Chap. 21-22. Circuit protection is provided by a 5 amp
circuit breaker attached to the avionics master buss. Load analysis was performed
L.A.W. FAA AC 43.13-1B. Logbook and weight and balance updated this date.

[Signature]
Steve Crumley ZM3R029M

2-23-01	tach 1181.88	fabricate + install, starter cable (solenoid to starter).	W.D. 11473	John Atterholt	ZM3R029M
6-13-01	C/W annual insp.	C/W A.D. 76-87-12 (ignition switch test)	replaced central instrument air filter; replaced throttle control;	C/W dynamic Propeller Balance In A.V. Chadwick-Helmuth	publication 11-95-11-2; Inspected E.C.T. per FAR 91.207d;
					all work accomplished per Rockwell S.M. + FAR 43D; A.D.'s
					checked through 2001-12

ARIZONA AIR-CRAFTSMAN, PRESCOTT, ARIZONA

I certify that this AIRCRAFT has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.

WO# <u>11896</u>	Tach Time <u>1702.2</u>
Eng. SMOH <u> </u>	Aircraft Total Time <u>1702.2</u>
Prop SMOH <u>89.49</u>	Engine Total Time <u>1702.2</u>
John Atterholt R.S.#ZM3R029M	Date: <u>6-17-01</u>
Signature <u>John Atterholt</u>	

ICE Technician or Repair Facility. (See back page for details)

I certify that the **Altimeter, Static System, Encoder and Transponder** tests required by FAR Part 91.411 and 91.413 have been performed.

The Altimeter was tested to 18,000 feet.

Rockwell 112 TCM
SN: 13186 Mile High Avionics Division
N 4656W Arizona Air-Craftsman, Inc.
FAA CRS No. ZM3R029M

Signature William E. Ransay Date 9-5-01

7-11-02 C/W annual inspection. C/W AD 76-07-R (functional test
ign. switch) replaced 'main gear rubber bumpers. resealed
left brake, replaced landing lite. replaced E.C.I. battery &
inspected E.C.I. per FAR 91.207d (expires Aug. 04)
all work accomplished J.S.W. Rockwell S.M. &
FAR 43. A.D.S. checked through 2002-14

ARIZONA AIR-CRAFTSMAN, PRESCOTT, ARIZONA

I certify that this AIRCRAFT has been inspected
in accordance with a ANNUAL inspection and
was determined to be in airworthy condition.

WO# 13260
Eng. SMOH N/A
Prop SMOH 113.03

Tach Time 1725.56
Aircraft Total Time 1728.56
Engine Total Time 1728.56

John Atterholt R.S.#ZM3R029M Date: 7-11-02

Signature John Atterholt

01-15-03

TACH: 1747.33 WO#: 13890

N4656W

SN: 13186

Resealed and serviced nose strut, replaced rear bulkhead and hat shelf, replaced
instrument lite circuit breaker switch. Fabricated oil cooler winterization plate,
made minor repair to engine cowl.

CRS# ZM3R029M

Arizona Air-Craftsman, Inc.

Ronald P. Weaver
Ronald P. Weaver

DATE 2003 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.)
9-1-03	ACTT	1758.8		I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX C AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION ALL AD'S REVIEWED AND COMPLIED WITH THROUGH 2003-16 ELT INSPECTED PER FAR 91.207 D BATTERIES EXPIRE 8-04 REPAIRED CRACK IN BOTTOM OF AIR BOX PER AC 43.131B CH 3 SEC 1-4. ALL WORK ACCOMPLISHED PER ROCKWELL SERVICE MANUALS AND CURRENT DATA. <i>James Reynolds</i> AIP 207-36-6783IA

DATE 2004 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.)
	1775.09			I certify that the Altimeter, Static System, Encoder and Transponder tests required by FAR Part 91.411 and 91.413 (Part 43 appendix E&F) have been performed. The Altimeter was tested to <u>20,000</u> feet. WO# <u>15763</u> Mile High Avionics Division Arizona Air-Craftsman, Inc. FAA CRS No. ZM3R029M Signature <i>William Reynolds</i> Date <u>8-16-04</u>
11-4-04	ACTT	1778.9		I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION PER FAR 43 APPENDIX C AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION ALL AD'S COMPLIED WITH THRU 2003-19 ELT CHECKED PER FAR 91.207 D BATTERIES CHANGED AND TESTED. ALL WORK ACCOMPLISHED PER ROCKWELL SERVICE MANUALS. <i>James Reynolds</i> AIP 207366783IA.

1-10-05	TACH	1778.53	resealed + serviced aluminum clamps, repaired tail pipe brace. balance now two. W.O. 16153 Jfr. attached AP 52604556
1-14-06	ACIT	1785.29	I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION PER FAR 43 APPENDIX C AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION ALL AD COMPLIED WITH SERVICED ENGINE WITH SAE 15W-50 AEROSHELL 15W-50 LUBRICATING ADDITIVE AND CAMBION CH48103 FILTER. ETC CHECKED PER FAR 91.203 <i>James J. J. J.</i> AP 306422621

19	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
6/22/06	TACH	1792.2	REPLACED FUEL BOOST PUMP, INSTALLED LH STROBE BULB, OXYGEN BOTTLE HYDRO-STATIC TESTED, RESEALED EMERGENCY EXTENTION VALVE. <i>BP J. J.</i> AP 2756383
8/1/06	TACH	1796.3	INSTALLED NEW THROTTLE CABLE PROVIDED BY THE CUSTOMER. <i>BP J. J.</i> AP 2756383
10/11/06	TACH	1818.6	CHANGED NOSE TIRE AND TUBE, WHEEL BEARINGS PACKED. <i>BP J. J.</i> AP 2756383

N 4656W

Tests and inspections required by FAR 91.413 have been performed as follows:

Transponder King KT 76A S/N 34692

Static System and Correspondence checks performed.

Pertinent details are on file under W.O. 1664

dated 10/10/06

TriStar Aviation, LLC #T3RR881N

Grand Junction, CO

Signature Star L. Bottom

DATE AIRCRAFT TYPE SER. NO. TACH TT SMOH
2/5/07 N4656W Rockwell 112-TCA 13186 1843.4 1843.4 ~~1843.4~~
~~230.7~~

TSMOH:

519.97

Annual inspection completed this date in accordance with 14 CFR 43 appendix D and manufacturers instructions. Aircraft lubed and serviced. ELT tested in accordance with 14 CFR 91.207, battery replaced, next due 12/08. Repaired wiring at the left main downlock switch, aircraft battery cleaned and box neutralized. Re-torqued wing attach bolts, stop drilled wingtips. AD 88-05-06 CW by inspection, no defects noted. I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in Airworthy condition.

Welded

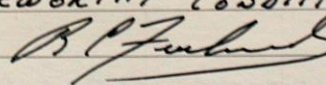
ATP 369512

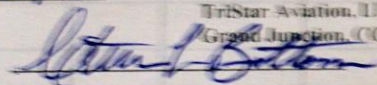
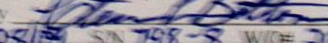
IA

Cimarron Air Inc
Montrose CO.

Blake Freeland AP2756383 IA

19	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
2/25/08	Tach 1926.34	REMOVED AND REINSTALLED ATTITUDE GYRO	For repair by Berkshire Instrument under W.O. 37141 <u>Del L. Shultz 3159408</u>
	AIRCRAFT BATTERY REPLACED		
6/27/06		RESEALED THE EMERGENCY EXTENSION VALVE,	
		REPLACED THE LH STROBE BULBS	<u>Blake Freeland AP2756383</u>
7/23/07	TACH 1882.6	REPLACED THE HYDRAULIC POWER PACK.	<u>Blake Freeland AP2756383</u>
10/15/07	1901.1	RESEALED SHIMMY DAMPNER AND SERVICED. NOSE WHEEL BALANCED.	<u>Blake Freeland AP2756383</u>

19	Time			
3/20/08	1927.4	ANNUAL INSPECTION COMPLETED THIS DATE, AIRCRAFT LUBED AND SERVICED, FLT TESTED IAW FAR 91.207 ADJUSTED NOSE STEERING CABLES, ADJUSTED AILERON AND ELEV CABLES. REPLACED THE BATTERY CONTACTOR. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED FOR AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
		 AP2756583IA		

N 4656W		Tests and inspections required by FAR 91.217, 91.411, and 91.413 (Part 43, App. E&F) have been performed as follows:		Conditions, Tests, Repairs and Alterations																																									
Static system(s) test		1/28/09		with Name, Rating and Certificate Number of																																									
Alt #1	Aerosonic	Cert. By	SL Bottom	S/N	798-8																																								
Alt #2		Cert. By		S/N																																									
tested to 20,000 ft. Encoder tested to 20,000 ft.																																													
Transponder(s) #1	KT-76A	#2																																											
Serial No(s) #1	34692	#2																																											
Pertinent details are on file under W/O.		2038																																											
dated 1/28/09																																													
Signature																																													
		TriStar Aviation, LLC - T3RR881N Grand Junction, CO																																											
		N 4656W																																											
		<table border="1"> <tr> <td>-1,000</td> <td>-1,000</td> <td>10,000</td> <td>6980</td> </tr> <tr> <td>0</td> <td>0</td> <td>12,000</td> <td>11985</td> </tr> <tr> <td>500</td> <td>500</td> <td>14,000</td> <td>13970</td> </tr> <tr> <td>1,000</td> <td>1005</td> <td>16,000</td> <td>15925</td> </tr> <tr> <td>1,500</td> <td>1495</td> <td>18,000</td> <td>17940</td> </tr> <tr> <td>2,000</td> <td>1990</td> <td>20,000</td> <td>19940</td> </tr> <tr> <td>3,000</td> <td>2985</td> <td>22,000</td> <td></td> </tr> <tr> <td>4,000</td> <td>4000</td> <td>25,000</td> <td></td> </tr> <tr> <td>6,000</td> <td>6000</td> <td>30,000</td> <td></td> </tr> <tr> <td>8,000</td> <td>8005</td> <td>35,000</td> <td></td> </tr> </table>				-1,000	-1,000	10,000	6980	0	0	12,000	11985	500	500	14,000	13970	1,000	1005	16,000	15925	1,500	1495	18,000	17940	2,000	1990	20,000	19940	3,000	2985	22,000		4,000	4000	25,000		6,000	6000	30,000		8,000	8005	35,000	
-1,000	-1,000	10,000	6980																																										
0	0	12,000	11985																																										
500	500	14,000	13970																																										
1,000	1005	16,000	15925																																										
1,500	1495	18,000	17940																																										
2,000	1990	20,000	19940																																										
3,000	2985	22,000																																											
4,000	4000	25,000																																											
6,000	6000	30,000																																											
8,000	8005	35,000																																											
		TriStar Aviation, LLC Repair Station No. T3RR881N Tested by  Date 1/28/09 S/N 798-8 W/O# 2038																																											

Date		Time		Description of Repair Activity. (See back pages for other specific entries.)	
6/25/08	1940.1			INSTALLED NEW TEMPEST VACUUM PUMP VACUUM MIDDLE OF THE GREEN <i>RP Fuelman</i> AP 2756383	
7/26/08	1947.9			REPLACED THE ELECTRIC BOOST PUMP (FUEL) <i>RP Fuelman</i> AP 2756383	
8/27/08	1962.3			REPLACED BOTH MAIN TIRES AND TUBES <i>RP Fuelman</i> AP 2756383	
5/5/09	1991.3			ANNUAL INSPECTION COMPLETED THIS DATE AIRCRAFT LUBED AND SERVICED. ELT TESTED PER 91.207. REPAIRED CRACK IN FORWARD DORSAL AND REINSTALLED, REPAIRED LOWER COWL PLenum, REPAIRED LH WING TIP AT THE STROBE BULB. I CERTIFY THAT	

5/5/09				THIS AIRCRAFT HAS BEEN INSPECTED FOR AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION <i>RP Fuelman</i> AP 2756383IA	
4/18/09	1993.1			RESEALED TWO INBOARD LOWER RH PANELS ON THE WETWING SECTION OF THE WING <i>RP Fuelman</i> AP 2756383	

N4656W, COMMANDER 112TCA, S/N 2033.94, 2/27/2010

REMOVED AN APOLLO MX20 MFD INDICATOR AND INSTALLED A
GARMIN GMX 200 MFD INDICATOR TSO C113 P/N 011-01271-00 PER STC
SA01692SE DATED AUGUST 11, 2006, AND FAA APPROVED MODEL LIST
NO. SA01692SE ISSUED AUGUST 11, 2006. WEIGHT CHANGE
INSIGNIFICANT.

Steven L. Bottom
STEVEN L. BOTTOM
2133676 IA

DATE AIRCRAFT TYPE SER. NO. TACH TT SMOH
 9/22/10 N4656W Rockwell 112TCA 13186 2046.0 2046.0 433.5

Annual inspection completed this date in accordance with 14 CFR 43 appendix D and manufacturers instructions. Aircraft lubed and serviced. FLT tested in accordance with 14 CFR 91.207, next due annually. Installed recog lights on the main gear, installed HHD light in landing light. New plastic, FAA PMA interior parts installed. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Cimarron Air Inc
 Montrose CO

Blake Freeland AP 2756383 1A

DATE

TIME

N 112TCA Tests and inspections required by FAR 91.217, 91.411, and 91.413 (Part 43 App. E & F) have been performed as follows:
 Static systems: test 9/14/10
 Alt #1: 10000 ft Cert: 10000 ft SN 740-8
 Alt #2: 10000 ft Cert: 10000 ft SN 740-8
 tested to: 20000 ft Encoder tested to: 20000 ft
 Transponders: #1 4000 ft #2 10000 ft
 Serial No(s): #1 34682 #2 34682
 Pertinent details are on file under W.O. 2243
 dated: 9/14/10

TriStar Aviation, LLC - TERR881N
 Grand Junction, CO

Signature: *Blake Freeland*

ns, Tests, Repairs and Alterations

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

1,000	740	10,000	2270
0	0	12,000	7420
500	510	14,000	15220
1,000	1010	16,000	15415
1,500	1510	18,000	17840
2,000	2010	20,000	17880
3,000	3000	22,000	
4,000	4000	25,000	
6,000	6000	30,000	
8,000	7470	35,000	

TriStar Aviation, LLC Repair Station No. TERR881N

Tested by: *Blake Freeland*

Date: 9/14/10 SN 740-8 W.O. 2243

4/11/11 TACH 2046.8 AD 2011-07-13 0/0 RT inspection, No
 DEFECTS NOTED. FMA WAS NOTIFIED

Blake Freeland AP 2756383

[illegible]

Blake Freeland AP 2756383 1A

DATE June 23, 2011 * N4656W * W/O 28362 * TAC 11 2077 977 LDC BOOK ENTRY

1. Estimated cost of the repair is \$1,000.00. The repair is estimated to be completed by June 23, 2011. The repair is estimated to be completed by June 23, 2011.

2. All repairs are covered by the warranty. The warranty is valid for 12 months. The warranty is valid for 12 months. The warranty is valid for 12 months.

3. Contact your dealer for more information. Contact your dealer for more information. Contact your dealer for more information.

Dated 6/23/11 Insp. By Mark Mc Nulty

For DEPO AVIONICS, INC. FAX 800/668566N

[Signature]

DATE 12/17/12 **AIRCRAFT TYPE** 4656W Rockwell 112TCA **SER. NO.** 13168 **TACH** 2107.4 **TT** 2107.4 **SMOH** ~~494.9~~ 783.97 R.C.

Annual inspection completed this date in accordance with 14 CFR 43 appendix D and manufacturers instructions. Aircraft lubed and serviced. ELT tested in accordance with 14 CFR 91.207, next due annually. Replaced the wire from the circuit breaker to the gear warning light, AD 2011-07-13 CW by the AMOC to Commander Owners Group to Borescope the elevators. Right elevator tip replaced with an owner made part. Elevator balance checked ok. I certify that this aircraft has been inspected in accordance with an **Annual** inspection and was determined to be in **AIRWORTHY** condition.

Cimarron Air Inc
Montrose Co

Blake Freeland AP 2756383 IA

MAKE Rockwell International **Depot Avionics, Inc.**
MODEL 112TCA **Repair Station No.** GM6R566N
S/N 13186 **2550 State Ave**
REG. NO. N4656W **San Luis Valley Regional Airport**
WORK ORDER 30186 **Alamosa, CO 81101**
Phone 719-589-6777

Airframe Entries

(2) Bi-annual Inspection.... Removed and reinstalled altimeter excessively. Owner will repair at home base. Altimeter sys 43, Appendix E, on N4656W. Altimeter S/N 479755, was te ATC transponder tests required by FAR 91.413 were perfo TR-220.

DATE: 16 May, 2013

SIGNED: 

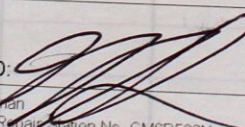
Mark Coleman

MAKE Rockwell International **Depot Avionics, Inc.**
MODEL 112TCA **Repair Station No.** GM6R566N
S/N 13186 **2550 State Ave**
REG. NO. N4656W **San Luis Valley Regional Airport**
WORK ORDER 30186 **Alamosa, CO 81101**
Phone 719-589-6777

Airframe Entries

(1) GTN Units need new SW Ver 4.10 installed.... C/W Garmin Software Service Bulletin No.: 1320 Rev A, dated April 24, 2013. Updated GTN-750, s/n 1ZA000889, GTN-650, s/n 1Z8000834 to SW version 4.1. And GMA-35 s/n 1T6000316 to SW version 3.05. Replaced Flight Manual Supplement with p/n 190-01007-A2 Rev. 3, date 12-APR-13. GTN-650 and GTN-750 failed after update, and were sent to Garmin for repair on po 20187, RMA# W55576373. Installed and configured Loaner GTN-750 and GTN-650 unit. These systems ops checked correctly. Re-installed GTN-750 s/n 1ZA000889, after repair on Garmin RMA#55576373, dated May 20, 2013. Re-Installed GTN-650, s/n 1Z8000834 after repair on Garmin RMA#55576373, dated May 21, 2013. GTN, Audio, and transponder systems ground checked correctly.

DATE: 30 May, 2013

SIGNED: 

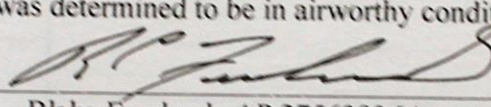
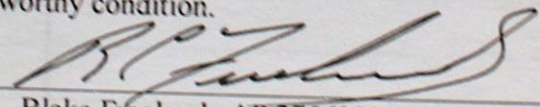
Mark Coleman
Certified Repair Station No. GM6R566N

Work Order: 30186

Printed by EBis 3 (datamedia.com)

Altimeter Correction Chart	
WO# 30186	
DATE 15-May-13	
16000	50
18000	35
20000	
CAL'D. WITH ENCODER	
MODEL A-30.8	
S/N 111637	
Depot Avionics, Inc.	
CRS GM6R566N	
2550 State Ave.,	
Alamosa, CO 81101	
719-589-6777	
(DA-FORM-003 6/22/09)	

SERVICE		Technician or Repair Facility. (See back pages for other specific	
MAKE: Rockwell International MODEL: 112TCB S/N: 13168 REG: N4656W WORK ORDER: 30426	Depot Avionics, Inc. Repair Station No. GMBR566H 2550 State Ave San Luis Valley Regional Airport Alamosa, CO 81101 Phone: 719-569-6777	DATE: 24 September, 2013 AVC: 15H TACH: 2125.38	
Airframe Entries			
(1) GTN fan inop. message... Removed and replaced Back Fan with New fan p/n 371-00014-01. Removed and re-installed GTN-750, s/n 12A006889, after factory repair on Garmin FAA Form 8130-3 #RMA 60035980, dated Sep 13, 2013. GTN System ops checked correctly.			
DATE: 24 September, 2013	SIGNED: 	Work Order: 30426 Printed by EBIS 3 (datemedia.com)	
Mark Colman Certified Repair Station No. GMBR566H			

DATE	AIRCRAFT TYPE	SER. NO.	TACH	TT	SMOH	
1/15/14	N4656W	Rockwell 112TCA	13168	2129.4	2129.4	516.9 805.97 R.C.
Annual inspection completed this date with reference to manufacturers instructions and 14 CFR 43 appendix D. Aircraft lubed and serviced. ELT tested In accordance with 91.207, no defects noted. ELT battery replaced, next due 1/16. Resealed the left main gear actuator, replaced the rocker switch covers with owner produced parts. Replaced the breaker switch for the fuel pump. AD 2012-02-10 CW by inspection using AMOC to the Commander Owners group to bore scope the elevators. No defects noted at this time. Next due annually or 150 hrs. I certify that this aircraft has been inspected for an ANNUAL inspection and was determined to be in airworthy condition.						
Cimarron Air Inc Montrose CO		 Blake Freeland AP 2756383 IA				
DATE	AIRCRAFT TYPE	SER. NO.	TACH	TT	SMOH	
1/19/15	N4656W	Rockwell 112TCA	13168	2144.44	2144.44	531.94 821.01 R.C.
Annual inspection completed this date with reference to manufacturers instructions and 14 CFR 43 appendix D. Aircraft lubed and serviced. ELT tested In accordance with 91.207, no defects noted. Replaced one wire on the switch to the connector for the pitot heat. AD 2012-02-10 CW by inspection using AMOC to the Commander Owners group to bore scope the elevators. No defects noted at this time. Next due annually or 150 hrs. I certify that this aircraft has been inspected for an ANNUAL inspection and was determined to be in airworthy condition.						
Cimarron Air Inc Montrose CO		 Blake Freeland AP 2756383 IA				

MAKE: Rockwell International
MODEL: 112ca
S/N: 13186
REG. NO: N4656W
WORK ORDER: 31523

Depot Avionics, Inc.

Repair Station No. GM6R566N
2550 State Ave
San Luis Valley Regional Airport
Alamosa, CO 81101
Phone: 719-589-6777

DATE: 17 March, 2015
A/C TSN: 2156 89
TACH: 2156 89

Airframe Entries

(1) GDL88 Inop.... Troubleshoot system, found GTN-650 causing GDL-88 to reboot constantly. Sent unit to Garmin for exchange. Installed exchange GTN-650, s/n 1Z8015330, o on 8130-3 #SO# 3773474, dated 05 Mar 2015. GDL-88D, GTN-650, GTN-650 systems all ops checked correctly....(2) Update GTN 650, GTN-650, and GMA-35 software.... C/W Garmin STC Service Bulletin No: 1467, Rev A, dated November 25, 2014 (which includes updates for SSB 1466, Rev A). Updated GTN-750, s/n 1ZA000889, GTN-650, s/n 1Z8000834, to SW version 5.13 from Ver 5.0; and GMA-35, s/n 1T6000316, to SW ver 3.10. Updated FMS p/n 190-01007-A2 to Rev. 4, 25-Nov-2014. Provided revised Garmin "System Maintenance Manual, GTN 6XX/7XX Part 23 AML STC Contains Instructions for Continued Airworthiness" (Garmin p/n 190-01007-A1, Revision 7); GTN 625/635/650 Cockpit Reference Guide (CRG), Rev G; GTN 625/635/650 Pilot's Guide, Rev H; GTN 725-750 Cockpit Reference Guide Rev F.pdf; GTN 725-750 Pilot's Guide Rev H; and GTN 650/750 SERIES SOFTWARE VERSION 5.12 UPGRADE SUPPLEMENT. GTN-650, GTN-750, and GMA-35 systems ops checked correctly....(3) Update GDL-88 SW... C/W Garmin STC Service Bulletin No: 1505, Rev A, dated February 19, 2015 (which includes updates for SSB 1501, Rev A). Updated GDL-88D, s/n 22V001114, to SW version 3.13 from Ver 2.06. Updated FMS p/n 190-01310-02 to Rev. 2, 7-JAN-2015. Provided revised Garmin "Instructions for Continued Airworthiness GDL 84/88 Part 23 AML STC" (Garmin p/n 190-01310-01, Revision 2); GDL-88D system ops checked correctly.

DATE: 17 March, 2015

SIGNED:

Mark Colman
Certified Repair Station No. GM6R566N

Work Order: 31523

Printed by EBis 3 (datcomedia.com)

MAKE: Rockwell International
MODEL: 112ca
S/N: 13186
REG. NO: N4656W
WORK ORDER: 30925

Depot Avionics, Inc.

Repair Station No. GM6R566N
2550 State Ave
San Luis Valley Regional Airport
Alamosa, CO 81101
Phone: 719-589-6777

Entries must be endorsed with Name, Rating and Certificate
Technician or Repair Facility. (See back)

DATE: 23 July, 2014
A/C TSN: 2139 81
TACH: 2139 81

Airframe Entries

(1) GTN-fan Inop. message... Removed and replaced Rack Fan with New fan p/n 371-00014-01, s/n F3B10W. Replaced Fan wire harness. GTN System ops checked correctly....(2) Install GDL-88D for ADS-B... Installed Garmin GDL-88D TSO C154c, C166b and C195a system IAW STC SA02119SE & Garmin STC IM p/n 190-01310-00, Rev 3 dated 1/21/2014. See FAA Form 337 for Installation Details, Data and Approval. ICA: Garmin Drawing No 190-01310-01 Rev 1 dated November 2012....(3) Update GTN Software... C/W Garmin Software Service Bulletins No: 1374 Rev A, dated December 18, 2013; and No: 1418, Rev A, April 29, 2014. Updated GTN-750, s/n 1ZA000889, GTN-650, s/n 1Z8000834, to SW version 5.0 from Ver 4.1. Com SW from Ver 2.12 to 2.13; and GMA-35, s/n 1T6000316, to SW ver 3.07. GTN-750, GTN-650 and GMA-35 systems ops checked correctly....(4) Paperwork... Installation Practices followed include: AC43.13-1B paragraphs 7-34(hardware used conforms to proper type for the uses intended), 11-30(within load limits, per 11-36), 11-31, 11-32, 11-96 and 11-100 and 11-103(as applicable), 11-115, 12-1(a, b, c). And AC43.13-2B paragraphs 106, 108, 110, 111, 112, 113, 202, 203b, 203c, 203e(UTILIZED AN HARDWARE), 205, 207 a, b, c, d, e, f, g

New W&B Info: EW = 1981.55 Lbs, CG = 103.1", MOM = 204302.39, Useful = 968 Lbs.

DATE: 23 July, 2014

SIGNED:

Mark Colman
Certified Repair Station No. GM6R566N

Work Order: 30925

Printed by EBis 3 (datcomedia.com)

DATE

19

DATE AIRCRAFT TYPE SER. NO. TACH TT SMOH
 3/3/16 N4656W Rockwell 112TCA 13168 2174.33 2174.33 561.83

Iterations
 Number of
 entries.)

Annual inspection completed this date with reference to manufacturers instructions and 14 CFR 43 appendix D. Aircraft lubed and serviced. ELT tested in accordance with 91.207. no defects noted, next due annually. Replaced the alternator circuit breaker with unit provided by the owner. Adjusted elevator and trim cables. Repaired the hinge on the oxygen bottle box. AD2012-02-10 RH side CW by AMOC to the Commander owners group to bore scope elevator, LH side opened and inspected. No defects noted at this time. Next due annually. I certify that this aircraft has been inspected for an ANNUAL inspection and was determined to be in airworthy condition.

Cimarron Air Inc
 Montrose CO

Blake Freeland AP 2756383 IA



Date: 9/2/19 N4656W S/N: 13186
 Total Time: 2178.75 Hobbs: 816.4

French Field Aviation Inc.
 38500 French Field Way
 Crawford, CO 81415
 970.447.7773

1. Performed Annual Inspection using 14 CFR 43 Appendix D and 112TCA Maintenance Manual as a guide.
2. Replaced ELT battery and inspected system IAW 14CFR 91.207(d).
3. Replaced vacuum system relief filter.
4. Complied with 100 hour lubrication schedule.
5. AD 2012-02-10 (Elevator) Inspected IAW AMOC to the Commander Owners Group.
6. ADs current to biweekly revision 2019-17.
7. Performed ground run operational and leak check.

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



REPLACE BY

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

NOV 21

I certify this aircraft has been inspected IAW an Annual Inspection and was determined to be in airworthy condition.



Date: 08/26/2021 N4656W S/N: 13186
 Total Time: 2179.26 Tach: 2179.26 Hobbs: 817.1

French Field Aviation Inc.
 38500 French Field Way
 Crawford CO 81415
 970.424.2810

1. Performed Annual/100 Hour Inspection with reference to 14 CFR Part 43 Appendix D and Manufacturer's Service Manual.
2. Inspected ELT in accordance with 14 CFR Part 91.207 (d). Replaced battery. New battery expires: 09/2023.
3. Replaced aircraft battery with new Concorde #S-35A.
4. Drained left wing fuel and sealed tank fuel leaks. Refueled tank and performed a satisfactory leak check.
5. Serviced main and nose landing gear struts in accordance with figure 5-9.
6. Complied with 100 hour lubrication schedule.
7. Checked flight control cable tensions.
8. Complied with AD 12-02-10 (Elevator) dated 03/15/2012. Inspected IAW AMOC issued to the Commander Owner's Group.
9. AD's current through biweekly revision #2021-17.

I certify this aircraft has been inspected in accordance with an Annual/100 Hour Inspection and was determined to be in airworthy condition.

Authorized Signature

DLATA

AP28150601A

Rockwell / 112 TCA

Tach: 2198.92 Hobbs: 00839.1

N4656W

Oct 15, 2021

Transponder Make/Model Garmin / GTX 32 S.N. 83900615 in this A/C has been inspected IAW Title 14 CFR 91.413 and found to comply with the specifications of Title 14 CFR 43 App F.

Altimeter Make/Model United / 5934P-3, S.N. 479755.

Encoder Make/Model ACK / A30.8, S.N. 111637, and the

Static System have been inspected IAW Title 14 CFR 91.411 and found to comply with the specifications of Title 14 CFR 43 App E.

Details on file under MTSWO 211021.

Alan Spencer Inspector

CRS TJUR625X

Date 10-15-2021

Mobile Transponder Services, LLC. 8766 Cessna Dr Peyton, CO 80831
 719-251-8251

AIRFRAME

Rockwell Commander 112TC-A

SN: 13186

N4656W

DATE: 12-11-2021

A.C.T.T.: 2215.5

Removed parking brake valve and resealed with Aerodyne reseal kit # AC11-SK103-01. Bled brake system and serviced reservoir with MIL-H-5606.

Ralph Croft A&P36951701A

Date: 02/04/2022 Hours: 2220.71/Hobbs: 862.7

Tail#: N4656W

Make: Commander (CPAC) Model: 112TCA

S/N: 13186

Serviced the nose gear strut with MIL 5606 h fluid and adjusted air pressure to specs.

Ralph Croft A&P36951701A

N4656W

Commander 112TCA

SN: 13186

A.C.T.T.: 2234.2

DATE: 8-10-2022

Troubleshoot landing gear system and found bad hydraulic power pack. Removed power pack and installed Overhauled unit Part# HMC5006 Serial# AH-4507. Removed and replaced Battery contactor Part# 70-902, Gear up and down contactors Part# 70-902. Performed gear retraction and extension checks through several cycles including emergency extension. Serviced power pack to correct levels with MIL-H-5606 hydraulic fluid. Operational check well. Ralph Croft A&P36951701A

AIRFRAME
Commander 112TCA
DATE: 12-15-2022

SN: 13186
A.C.T.T.: 2262.6

TSMOH: 939.17

Performed an annual inspection in accordance with CFR Title 14 Part 43 appendix d and Rockwell Commander checklist.

Lubricated aircraft per Commander maintenance manual.

Cleaned all fuel screens and installed new O-rings from Aerodyme seal kit part # SK152-01 and leak checked. Checked flight controls and rigging. Charged battery and cleaned battery box. Installed battery minder plug kit. Replaced engine air filter part# BA4005. Installed new clamp on fuel strainer cable. Replaced elevator horn hardware with new correct hardware. Performed a gear retraction and extension check through 8 cycles including emergency extension. Resealed both main gear actuators with Aerodyme reseal kit part# SK183-02 and serviced reservoir. Installed Aerodyme Gear bumper upgrade kit Part# SK250-01. Replaced nose wheel bearing's part# 08231 & 08125. Repacked wheel bearings. Replaced brake linings on main gear brakes Part# RA066-105 and bled brake system. Serviced reservoir with Mil-H-5606. Serviced main struts to proper pressure.

Complied with the following Airworthiness Directives: 12-02-10 Elevator spar cracks.(no defects) next due 12-2023/2362.6. All Airworthiness Directives checked through revision 2022-25.

I certify this airframe has been inspected in accordance with an annual inspection and is determined to be in an airworthy condition at this time. Ralph Croft A&P3695170IA.

Ralph Croft

MAKE: Rockwell International
MODEL: 112TCA
S/N: 13186
REG. NO: N4656W
WORK ORDER: 35858

Depot Avionics, Inc.

Repair Station No. GME6566N
2550 State Ave
San Luis Valley Regional Airport
Alamosa, CO 81101
Phone: 719-589-6777

DATE: 23 February, 2023
A/C TSN: 2285.7
TACH: 2285.7

Airframe Entries

(1) G3X Touch screen backlight failing.... Could not duplicate, discussed dimmer system operation and noted that photo cell is used if panel lights are turned off on the aircraft. Owner will continue to evaluate system operation....(2) Alt bat amps reads zero... Corrected Alternator AMPS conversion factor in G3X EIS setup. System ground checked correctly....(3) GI-275 Battery failing... Could not duplicate. Noted that the error quoted is due to overheating. Suggested cooling options. Owner will monitor operation with cooling strategies applied....(4) Lean Find function not showing... Enabled Lean Find mode of G3X EIS system. ground checked correctly....(5) GTN-xxx database mismatch error... Corrected GTN-650 system id in Web app. downloaded fresh databases for all panel mounted equipment from owner's subscription. Database system ops checked correctly.

DATE: 23 February, 2023

SIGNED:

Mark Colman
Certified Repair Station No. GME6566N

Work Order: 35858

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AIRFRAME
A.C.T.T.: 2285.7

Tach Reading: 2285.7

DATE: 4-5-2023

Replaced cabin heat defrost cable Part# 46148-1 (length 41 1/2").

Ralph Croft A&P3695170IA

Ralph Croft

19	TIME	STATION	Technician or Repair Facility. (See back pages for other specific e
MAKE: Rockwell International MODEL: 112TCA S/N: 13186 REG NO: N4656W WORK ORDER: 35858	Depot Avionics, Inc. Repair Station No. GMEP66N 2550 State Ave San Luis Valley Regional Airport Alamosa, CO 81101 Phone: 719-585-5777	DATE: 15 May, 2023 A/C TSN: 2254.1 TACH: 2289	
Airframe Entries (5) GDU-450 failing... Removed and replaced GDU-450 with new s/n 718100258. G3X system ground checked correctly.			
DATE: 15 May, 2023	SIGNED:  Mark Colman Certified Repair Station No. GMEP66N	Work Order: 35858 Printed by EBis 3 (datacomedia.com)	

Date: 03/03/2024 Hours: 2312.2

TSMOH: 988.7

Tail#: N4656W

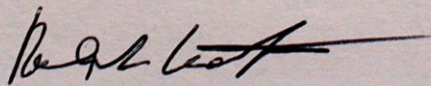
Make: Commander (CPAC) Model: 112TCA

S/N: 13186

AIRFRAME

Performed annual inspection in accordance with CFR Title 14-part 43 appendix d and Commander checklist. Cleaned all fuel screens. Lubricated aircraft per Commander service manual. Performed a gear retraction and extension check through several cycles including emergency. Adjusted steering cables to correct tension. Resealed Shimmy dampener with Aerodyme kit SK100-02. Replaced main gear tires and tubes Goodyear 7.00x6 6 ply and 302-061-400 tube Serviced to specs. Replaced auxiliary fuel pump PN: 8159-A SN: CPO51660-24-1 and leak check. Complied with the following Airworthiness directives: 12-02-10 Elevator spar cracks. 23-09-09 Exhaust V-band clamp (next Due 9-2024/2362.2). All AD's checked through revision 2024-5. I certify this aircraft has been inspected in accordance with an annual inspection and is determined to be in an airworthy condition at this time. Ralph Croft A&P3695170IA

Name: Ralph Croft



Cert: 3695170

Depot Avionics, Inc., 2550 State Avenue, Alamosa CO 81101
Date: 06-14-2024 Logbook: Airframe Tail Number: N4656W Work Order: 4211

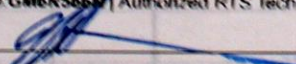
Tach/Hobbs: 2354.8/ Aircraft Total Time: Model: 112TCA Serial: 13186

Repairs / Maintenance

- Avionics Systems ops checked. Removed GTX-32 remote transponder & GDL-88D ADS-B transceiver.
- Installed Garmin GTX-345R, s/n 3EH046204, SW Ver2.85, ADS-B SW Ver. 3.51, to add STC'd Mode S-ES transponder with ADS-B IN/OUT functionality. The unit is FAA TSO- C112e, C154c, C157a, C154c, C157b, C166b, and C195b Mode S with Extended Squitter Transponder with UAT receiver for FIS-B and TIS-B systems. System installed IAW STC SA01714W1. Utilized existing transponder antenna and RG-400 Coax. See FAA Form 337 for installation approval and details. See FMS p/n 190-00734-15, rev. 6, dated 31-May-2024. ICA: See Garmin GTX 33X and GTX 3X5 ADS-B Maintenance Manual with Instructions for Continued Airworthiness p/n 190-00734-11, Rev 8, 06/16/21. The transponder meets all the requirements of FAR 91.413 and complies with FAR 43, Appendix F with T-RX-RP+ test set.
- C/W Garmin STC Service Bulletin No. 23111, Rev A, dated October 23, 2023. Updated G3X system with GDU 460 s/n 3444974228 & GDU-470 to Main SW version 9.17 from Ver 9.0. Provided updated FAA Approved Flight Manual Supplement: p/n 190-01754-01, Rev 6, 4-21-2023. And revised "Garmin G3X Touch Electronic Flight Instrument System Part 23 AML STC Maintenance Manual Contains Instructions for Continued Airworthiness for STC SA01899W1, p/n 190-02472-02, Rev 9 10/10/2023. Also provided new "Garmin G3X Touch™ Pilot's Guide for Certified Aircraft", p/n 190-02472-00, Rev F, April 2023. G3X system ops checked correctly.
- C/W Garmin STC Service Bulletin No. 24044, Rev A, dated May 28, 2024 (which includes updates for SB 24030, Rev A). Updated GI-275 Standby ADI, s/n 5MZ202214, to SW version 3.20 from Ver 2.42. Provided Updated FAA Approved Flight Manual Supplement: p/n 190-02246-12, Rev. 12, dated 5/16/2024; GI 275™ Pilot's Guide #190-02246-01, Rev. Q, April 2024; and ICA: GI 275 Part 23 AML STC Maintenance Manual Contains Instructions for Continued Airworthiness for STC SA02658SE #190-02246-11, Rev 9, dated 05/16/24. Reconfigured and added RS-232 and HSDB wiring to allow the GI-275 to interface with the G3X system. System ground checked correctly.
- Installation Practices followed include: AC43.13-1B paragraphs 7-34(hardware used conforms to proper type for the uses intended), 11-30(within load limits, per 11-36), 11-31, 11-32, 11-96 and 11-100 and 11-103(as applicable), 11-115, 12-1(a, b, c), And AC43.13-2B paragraphs 106, 108, 110, 111, 112, 113, 202, 203b, 203c, 203e (UTILIZED AN HARDWARE), 205, 207 a, b, c, d, e, f, g. New WSR. EW=1964.53 lbs, CG=102.71". Useful =985.47 lbs

The work described on the above work order was performed in accordance with current regulations of the FEDERAL AVIATION AGENCY. It is airworthy and is APPROVED FOR RETURN to service.

Certificate: GM6R566N Authorized RTS Technician: Mark Colman

Sign: 

| Date: 06-14-2024

Depot Avionics, Inc., 2550 State Avenue, Alamosa CO 81101
Date: 07-12-2024 Logbook: Airframe Tail Number: N4656W Work Order: 4249

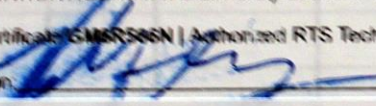
Tach/Hobbs: 2360.0/ Aircraft Total Time: Model: 112TCA Serial: 13186

Repairs / Maintenance

- Removed GTN750 s/n 1ZA000689, and returned unit to Garmin for repair. Received and installed unit s/n 1ZA000689, repaired on FAA 8130-3 #186298885 dated 27, June 2024. Software Version 6.73. No updates to FMS required at this time. Databases uploaded, system ops checks ok.

The work described on the above work order was performed in accordance with current regulations of the FEDERAL AVIATION AGENCY. It is airworthy and is APPROVED FOR RETURN to service.

Certificate: 6585566N | Authorized RTS Technician: Rob Garrett

Sign: 

| Date: 07-12-2024

Depot Avionics, Inc., 2550 State Avenue, Alamosa CO 81101
Date: 12-18-2024 Logbook: Airframe Tail Number: N4656W Work Order: 4339

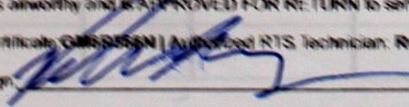
Tach/Hobbs: / Aircraft Total Time: Model: 112TCA Serial: 13186

Repairs / Maintenance

- Checked radio output and VSMR for both com radios. Both check good. Removed and re bonded both COM 1 and Com 2 radios. Both radios pass ground testing. Will need to be flight tested.

The work described on the above work order was performed in accordance with current regulations of the FEDERAL AVIATION AGENCY. It is airworthy and is APPROVED FOR RETURN to service.

Certificate: 6585566N | Authorized RTS Technician: Rob Garrett

Sign: 

| Date: 12-18-2024

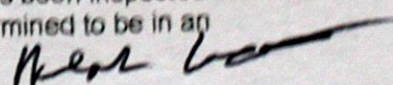
Date: 04/01/2025 Hours: TT: 2416.8/2416.8

Tail#: N4656W

Make: Commander
(CPAC)

Model: 112TCA

S/N: 13186

Performed a 100 hour/Annual inspection in accordance with CFR Title 14 part 43 appendix d and Commander checklist. Cleaned all fuel screens. Lubricated aircraft per Commander service manual. Resealed landing gear power pack manifold and installed new mounting hardware. Performed gear retraction and extension check through 8 cycles including emergency extension. Resealed Right main gear retract cylinder. Serviced MLG struts. Installed new nose tire and tube P/N Goodyear Flt special II balanced and reinstalled. Replaced several fresh air hoses in engine compartment. Removed and replaced wing tip lenses P/N: W-2690 -LH and W-2690-RH. Checked ELT in accordance with CFR title 14 part 91.207D. Complied wit the following Airworthiness directives: 2012-02-10 Elevator spar cracks (next due 4-2026). 2023-09-09 Exhaust V-band coupling(Next due 10-2025). I certify this aircraft has been inspected in accordance with an annual/100 hour inspection and is determined to be in an airworthy condition at this time. Ralph Croft A&P3695170IA. 

Ralph Croft

Cert: 3695170

Rockwell / 112 TCA

Tach: 2459.1

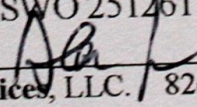
N4656W

December 30, 2025

Transponder Make/Model **Garmin / GTX 345R** S.N. **3EH046204** in this A/C has been inspected IAW Title 14 CFR 91.413 and found to comply with the specifications of Title 14 CFR 43 App F.

ADAHRS Make/Model **Garmin / GSU 25**, S.N. **5Q3003018**, Standby EFIS Make/Model **Garmin / GI 275**, S.N. **5MZZ02214**, and the Static System have been inspected IAW Title 14 CFR 91.411 and found to comply with the specifications of Title 14 CFR 43 App E.

Details on file under MTSWO 251261

Alan Spencer Inspector  Date 12-30-2025 CRS TJJR625X

Mobile Transponder Services, LLC. 8266 Cessna Dr Peyton, CO 80831
719-251-8251

Date: 06/20/2026 Hours: ACTT: 2479.4 | Tach: 2468.9

Tail#: N4656W

Make: Commander
(CPAC)

Model: 112TCA

S/N: 13186

Performed an annual/100-hour inspection in accordance with CFR Title 14-part 443 appendix d and Commander checklist. Lubricated aircraft per Commander service manual. Cleaned all fuel screens. Performed a gear retraction check through 8 cycles including emergency extension. Adjusted steering cables to correct tension. Replaced Landing gear throttle switch and rigged Part # SS12ET10-2L14. Replaced engine air filter. Inspected ELT in accordance with CFR Title 14 part 91.207D(Battery Due July 2028). Installed bracket on tail pipe support. Adjusted Main landing gear strut pressure. Installed Lycoming Service Instruction No. 1415A New turbocharger mounting hardware to comply with AD 2023-09-09 Exhaust tailpipe V-band clamp. Complied with the following Airworthiness directives: 2012-02-10 Elevator spar cracks (no defects). 2023-09-09

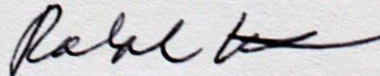
Exhaust tailpipe V-Band clamp. Installed new V-Band clamp Part # LW-13464 this date. Next visual due 2579.4.

76-07-12 Ignition switch (no defects).

I certify this aircraft has been inspected in accordance with an annual inspection and is determined to be in an airworthy condition at this time. Ralph Croft

A0025051701A

Name: Ralph Croft



Cert: 3695170