

The subject aircraft was involved in an incident / accident on 6/28/2023 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 3005671925US.

Signed: *Underwriters Salvage Company*

Date: **11/30/2023**

AIG Aerospace Adjustment Services, Inc.
3500 Lenox Road, Suite 1100
Atlanta, GA 30326

LEAK CR AND RUN UP OK
C/W AD 11-26-04

COMPRESSION					
1	2	3	4	5	6
76/80	72/80	74/80	66/80	76/80	72/80

I Certify That This ENGINE Has Been
Inspected In Accordance With An ANNUAL
Inspection And Was Determined To Be In

Airworthy Condition. Time In Service:

2446.3 Date 3-10-21

Signed J. Smith 3595343 JA

66.6 2446.3 1488.7 CHANGED OIL AND FILTER. SERVICE W/ 8 QTS
PHILIPS XC. CLEAN, INSP AND REGAP
SPARK PLUGS. REPLACED AIR FILTER. LEAK
CR AND RUN UP OK

COMPRESSION					
1	2	3	4	5	6
78/80	74/80	76/80	78/80	78/80	76/80

I Certify That This ENGINE Has Been
Inspected In Accordance With An ANNUAL
Inspection And Was Determined To Be In

Airworthy Condition. Time In Service:

2446.3 Date 5-6-22

Signed J. Smith 3595343 JA

ENGINE LOG ENTRY

COMPLIED WITH ANNUAL INSPECTION IAW FAR 43 APPENDIX D

#1 = 78, #2 = 78, #3 = 72, #4 = 78, #5 = 78, #6 = 78 all over 80
 Amend 7/10/2008, External Fuel Injector Lines, C/W by inspection, Next Due Next Annual
 Rechecked, gapped & Reinstalled Spark Plugs & installed new spark plug gaskets,
 mag timing. Ran engine Leak & Ops Checks OK.
 Replaced #3 Cylinder with P/N O5K21104 due to compression leak at exhaust valve
 performed in compliance with the Manufacturers Maint. Manual, Checked AD Status Through 2017-20
 Complied with - see supplied AD list

Page 1 of 2

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

Robert J. Pierce A&P 2657776 IA

Page 2 of 2

1. Approving Civil Aviation Authority		2. AUTHORIZED FAA FORM 8130-3, AIRWORTHINESS APPROVAL PARTS	
3. UNITED STATES		4. Organization Name and Address: LYCOMING ENGINES 652 OLIVER STREET WILLIAMSPORT, PA 17701	
5. Part Number:		6. Part Number: O5K21104	
7. Description: KIT-CYL PISTON/RING ASSY		8. Quantity: 00004 N/A	
9. Remarks: AIRWORTHINESS APPROVAL PARTS TRIAD AVIATION United States		10. Serial Number	
11. Remarks: 13a. Certifies the items identified above were manufactured in accordance with the design data specified in Block 12. 13b. Approved design data are in a condition for safe operation in accordance with the national regulations of the country of origin. 13c. Approved design data are in a condition for safe operation in accordance with the national regulations of the country of origin.		12. Remarks: 13d. Approved design data are in a condition for safe operation in accordance with the national regulations of the country of origin.	
13. Authorized Signature: T. STROUD		14. Authorized Signature: T. STROUD	
15. Date (mm/dd/yyyy): 15 AUG 2017		16. Date (mm/dd/yyyy): 15 AUG 2017	
17. Name Typed or Printed: T. STROUD		18. Name Typed or Printed: T. STROUD	

It is important to understand that the existence of this document alone does not constitute an approval of the engine or its installation. It is the responsibility of the user/installer to ensure that the engine is installed in accordance with the national regulations of the country of origin and that the engine is maintained in accordance with the national regulations of the country of origin. Where the user/installer performs work in accordance with the national regulations of the country of origin, it is essential that the engine be maintained in accordance with the national regulations of the country of origin. The user/installer must cross check eligibility with applicable technical statements in Blocks 13a and 14a do not constitute an approval of the engine or its installation. The user/installer must cross check eligibility with applicable technical statements in Blocks 13a and 14a do not constitute an approval of the engine or its installation. The user/installer must cross check eligibility with applicable technical statements in Blocks 13a and 14a do not constitute an approval of the engine or its installation.

FAA Form 8130-3 (12-14)

Carolina Flight Services, LLC

864-641-3907

Date - September 13, 2015, A/C - N114ET Commander 114B S/N 14574
 ACTT - 2278.1 Hobbs - 1231.0 Eng - 10-540-T4B5 S/N L24964-48A ETT 2278.1 ETSN 2278.1
 Prop McCauley B3D32C419-C S/N 922747 PTT 2278.1

ENGINE LOG ENTRY

COMPLIED WITH ANNUAL INSPECTION I/AW FAR 43 APPENDIX D

Compressions #1 = 77, #2 = 70, #3 = 74, #4 = 76, #5 = 68, #6 = 77 all over 80
 Removed & Replaced Oil & Oil Filter AA48110-2 & Aeroshell W100 Camguard Removed, Cleaned & Reinstalled Fuel Injectors
 Removed, Cleaned, gapped & Reinstalled Spark Plugs, checked mag timing, Ran engine Leak & Ops Checks OK.
 All work performed in compliance with the Manufacturers Maint. Manual, Checked AD Status Through 2015-16
 All Ad's Complied with - see supplied AD list

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

Robert J. Pierce A&P 2657776 IA

Carolina Flight Services LLC

864-345-3537

Date - November 1, 2017, A/C - N114ET Commander 114B S/N 14574
 Hobbs - 1370.9 Eng - 10-540-T4B5 S/N L24964-48A ETT 2362.9 ETSN 84.8
 Prop McCauley B3D32C419/82NHA-5 S/N 150917 PTT 84.8

PROPELLER LOG ENTRY

COMPLIED WITH ANNUAL INSPECTION I/AW FAR 43 APPENDIX D

- Inspected & Lubed - Propeller, backing plate and spinner.
- Performed Engine run up, Prop Ops & Leak Checks OK
- All work performed in compliance with the Manufacturers Maint. Manual, Checked AD Status Through 2017-20
- All Ad's Complied with - see supplied AD list

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

Robert J. Pierce A&P 2657776 IA

6-22

ENGINE LOG ENTRY

COMPLIED WITH ANNUAL INSPECTION I/AW FAR 43 APPENDIX

- Compressions - #1 = 70, #2 = 70, #3 = 70, #4 = 74, #5 = 70, #6 = 70 all over 80
- AD 11-26-04, Amend 7/10/2008, External Fuel Injector Lines, C/W by inspection, Next Due ACTT 1373.7 or next annual
- Removed Battery P/N G243 S/N GO2441064
- Installed Battery P/N G243 S/N GO2933464
- Removed, Cleaned, gapped & Reinstalled Spark Plugs, checked mag timing. Ran engine Leak & Ops Checks OK.
- All work performed in compliance with the Manufacturers Maint. Manual, Checked AD Status Through 2016-19
- All Ad's Complied with - see supplied AD list

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

Robert J. Pierce A&P 2657776 IA

Date: 2/16/2017, Aircraft: N114ET, Type: 114B, S/N: 14574 Hobbs: 1300.7
Lycoming IO-540-T4B5, s/n: L-24964-48A
Drained oil. Removed, opened and inspected oil filter. Installed new oil filter, p/n: AA48110-2. Serviced engine with 8 qts of AeroShell
100 mineral oil. Ground operation and leak checks were performed and no leaks noted. The aircraft, airframe, aircraft engine, propeller
or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration
and is approved for return to service. Pertinent details of the repair are on file at this repair station under Shop Order No: 23250, Dated
16-Feb-2017.

SIGNED: *Michael J. Thompson*
Inspector for FAA CRS PP4R448M
Triad Aviation, Inc. 3439 South Aviation Drive, Burlington, NC 27215
336-227-1467

OVERHAUL BY TRIAD AVIATION, INC.
CH48110. SERVICED WITH 10 QTS. OF 100 MINERAL OIL.
ALLED HEATER MUFFLER EXHAUST 9910758-101 AFTER REPAIRED BY
CANADA, SEE TAG. REMOVED & REINSTALLED PROP GOVERNOR C290D3-
0482 AFTER OVERHAUL BY H & H PROPELLER SERVICE (SEE TAG).
NEW MCCAULEY PROPELLER B3D32C419/82NHA-5 S/N 150917. ADJUSTED
MIXTURE. GROUND RUN- UP SATISFACTORY.

David B. Griffith

DAVID B. GRIFFITH, A&P 3184291

Aircraft: N114ET; Type: 114B, S/N: 14574 Hobbs: 1271.3
114B5, s/n: L-24964-48A
Inspection test: #1 7/80, #2 7/80, #3 7/80, #4 7/80, #5 78/80, #6 75/80. Drained oil. Removed, opened and
Installed new oil filter, p/n: AA 3110. Serviced engine with 8 qts of AeroShell 100 mineral oil. Ground operation and
performed and no leaks noted. The aircraft, airframe, aircraft engine, propeller or appliance identified above was
inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to
details of the repair are on file at this repair station under Shop Order No: 22930, Date: 15-Sep-2016.

PP4R448M
3439 South Aviation Drive, Burlington, NC 27215

Worthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company Carolina Flight Services LLC
 Manufacturer Lycoming Engines
 Model IO-540-T4A5
 Location Center
 Serial # L24964-48A
 TSMOH 84.8
 Total Time 2362.9

75-08-09

08/18/77

[R3] OIL PUMP DRIVE SHAFT/

Method of Compliance N/A Eng Manufactured in 1993

SB #

Signature

Date

Next Due N/A
 Cert. #

75-09-15

04/30/75

FUEL INJECTOR FLOW DIVIDER COVER/

Method of Compliance N/A New Engine 1993

SB #

Signature

Date

Next Due N/A
 Cert. #

78-23-10

11/07/78

FUEL INJECTOR CENTER BODY BELLOWS SEAL/

Method of Compliance N/A New Engine 1993 no overhauls

SB #

Signature

Date

Next Due N/A
 Cert. #

79-04-05

02/26/79

[R1] FUEL INJECTOR REGULATOR DIAPHRAGM/

Method of Compliance N/A New Engine 1993 no overhauls

SB #

Signature

Date

Next Due N/A
 Cert. #

87-10-06 R1

09/01/89

ROCKER ARM ASSEMBLIES/

Method of Compliance N/A New Engine 1993 no overhauls

SB #

Signature

Date

Next Due N/A
 Cert. #

92-12-05

07/10/92

PISTON PIN RECALL/

Method of Compliance N/A New Engine 1993 no overhauls

SB #

Signature

Date

Next Due N/A
 Cert. #

93-11-11

06/21/93

LOW PRESSURE DIAPHRAGM FUEL PUMP/

Method of Compliance N/A New Engine 1993

SB #

Signature

Date

Next Due N/A
 Cert. #

95-07-01

03/17/95

CONNECTING ROD BOLTS/

Method of Compliance N/A New Engine 1993 no overhauls

SB #

Signature

Date

Next Due N/A
 Cert. #

Prepared by

Robert J. Pierce

Date

11-01-2017

Indicates possible recurring inspections

Tdata, Inc

IO-540-T4A5 Center

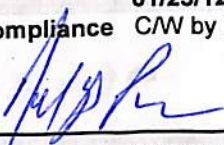
Page 1 of 3

Airworthiness Directive Compliance Record

95-26-02	01/24/96	LOW OCTANE ENGINE DAMAGE/	
Method of Compliance	N/A by engine model & Tail Number		
SB #	Date		Next Due N/A
Signature			Cert. #
96-23-03	10/28/96	HIGH PRESSURE DIAPHRAGM FUEL PUMP/	
Method of Compliance	N/A by date of Manufacture		
SB #	Date		Next Due N/A
Signature			Cert. #
97-15-11	08/12/97	PISTON PIN RECALL/	
Method of Compliance	N/A by serial number		
SB #	Date		Next Due N/A
Signature			Cert. #
98-17-11	10/19/98	CRANKSHAFT CRACKS/	
Method of Compliance	PCW by Repair Station Cert #NB7R820J		
SB #	Date		Next Due N/A
Signature			Cert. #
*02-12-07	07/03/02	OIL FILTER CONVERTER PLATE GASKET/	
Method of Compliance	N/A by manufacture date		
SB #	Date		Next Due N/A
Signature			Cert. #
04-05-24	03/30/04	CRANKSHAFT GEAR RETAINING BOLT/	
Method of Compliance	N/A by manufacture date & Serial number		
SB #	Date		Next Due N/A
Signature			Cert. #
*04-10-14 C1	06/25/04	CRANKSHAFT GEAR AND GEAR RETAINING BOLT/	
Method of Compliance	N/A no prop strike		
SB #	Date 10/2017		Next Due On Prop Strike or
Overhaul			Cert. # A&P 2657776 IA
Signature 			
05-19-11	10/21/05	300 HORSEPOWER OR LOWER CRANKSHAFTS/	
Method of Compliance	N/A by Eng manufacture date		
SB #	Date		Next Due N/A
Signature			Cert. #
06-10-21	06/22/06	ENGINE COMPONENTS, INC. CONNECTING RODS/	
Method of Compliance	N/A new engine 1993, no rod replacement		
SB #	Date		Next Due N/A
Signature			Cert. #
06-12-07	07/11/06	ENGINE COMPONENTS, INC. P/N AEL65102 "CLASSIC CAST"	
CYLINDERS/			
Method of Compliance	N/A No ECI cylinders		
SB #	Date		Next Due N/A
Signature			Cert. #

Prepared by Robert T Pierce Date 11-01-2017

Worthiness Directive Compliance Record

07-04-19 R1	05/07/07	SUPERIOR AIR PARTS, INC. CAST CYLINDER ASSEMBLIES/
Method of Compliance	N/A No Superior Cylinders	
SB #	Date	Next Due N/A
Signature		Cert. #
*09-26-12	02/04/10	ENGINE COMPONENTS, INC. P/N AEL65102 "TITAN" CYLINDERS/
Method of Compliance	N/A No ECI cylinders	
SB #	Date	Next Due N/A
Signature		Cert. #
*11-26-04	01/25/12	EXTERNAL FUEL INJECTOR LINES/
Method of Compliance	C/W by inspection	
SB #	Date 11-01-2017	Next Due Next Annual
Signature 		Cert. # A&P 2657776 IA
12-03-06	02/24/12	AFS FUEL SERVO DIAPHRAGM/
Method of Compliance	N/A Has G stamped on plug	
SB #	Date	Next Due N/A
Signature		Cert. #
12-19-01	10/24/12	CRANKSHAFT RETIREMENT/
Method of Compliance	N/A by Engine Date 1993	
SB #	Date	Next Due N/A
Signature		Cert. #
*15-02-07	03/11/15	PROPELLER GOVERNOR IDLER SHAFT SET SCREW/
Method of Compliance	N/A by model #, not aerobatic	
SB #	Date	Next Due N/A
Signature		Cert. #

Prepared by

Robert J. Pierce

Date

11-01-2017

TRIAD AVIATION, INC is your **Authorized Lycoming Service Center** **And Trusted Continental Service Center**

Engine Manufacturer: LYCOMING
 Engine Model Number: IO-540-T4B5
 Engine Serial Number: L-24964-48A
 Total Time on Engine: _____ hours
 Time Since Major Overhaul: 0.0 hours
 Date: 3-21-2016
 Mfr Recommended TBO: 2000.0 hours
 This Engine is Currently Installed in Aircraft: _____

PH: 800-334-6437
 336-227-1467

1	LW-1118	NOT
1	6184	SPRING
4	1810	BUSHING
1	AN565B1031H	SET SCREW
1	1488	LIFTER
1	LW-14820	RING
8	71907	WASHER
2	7297	ROLLER
1	62B26931	FUEL PUMP
1	STD-2247	BOLT
1	74637	BUSHING
1	STD-1821	EOS
2	67542	BEARING
4	68122624	CUSHION
6	69603	HOSE
1	LW-16166-10	CLAMP
1	LW-16166-10	CLAMP
1	71569-1	CASKET SET
1	LW-13790	SHAFT
1	LW-12892	BUTTON
1	KAT12154	HARNES
1	UREM38E	SPARK PLUGS
1	15616261	TAPE
1	18D16098	BEARING
1	77906	SPACER
1	71682	GEAR ASSY
1	13S19647	GEAR
2	LW-25-1.13	BOLT

TOTAL

MISCELLANEOUS PARTS

NAME J.
 ADDRESS 213
 Mo.

RECU-AYTIO
 SERIAL NO. L-24964-48A

RUCTIONS/WORK DESCRIPTION
 IO-540-T4B5 engine serial number L-24964-48A
 Overhaul and ti
 Overhauled and ti
 Camshaft - P.111
 Cylinders - (5) P/P
 Magneto - new from Slick 100 S/N 16020551 & 16021465
 Servo - P/N 2524673-8 S/N 72GK7401 overhauled by Precision Airmotive WO1GK74
 Flow Divider - P/N 2576616 S/N 397H overhauled by Precision Airmotive WO1GK37
 Counterweights - (2) P/N LW19227E repaired by Aircraft Specialties WO233108
 CW 96-09-10 C To prevent oil pump failure due to impeller failure CW per SB 524 (installed
 gears P/N LW-18109 & LW-18110 CW 96-23-03 To prevent an inflight engine failure due to
 fuel starvation CW installed new fuel pump P/N 62B26931 S/N RC37153310 CW 2004-05-24 C
 To prevent the loss of all engine power CW per SB 554 installed new bolt P/N STD-2247 CW
 2004-10-14 C To prevent loosening or failure to the crankshaft gear retaining bolt CW per
 SB 475C CW 2015-02-07 To prevent the propeller governor shaft set screw from coming
 loose CW per SB 1353B CW 2015-19-07 To prevent failure of the fuel injector fuel lines CW
 per SB 342G

This engine and/or component is approved for return to service. All pertinent
 details on file this repair station. TRIAD AVIATION, INC. FAA REPAIR
 STATION # PP4R448M.
 Signed: Ohman H. Rusher Date: 03/21/2016

ENGINE OVERHAUL	
TOTAL PARTS	
MISCELLANEOUS PARTS	
TRANSPORTATION	
TAX	
TOTAL	

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and
 overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with
 recommended procedures and is approved for return to service. All applicable A.D. Notes are
 complied with at the time of overhaul. Pertinent details of this work are on file at this repair station
 under work order # 22468 DATE 03/21/2016

MAKE Lycoming
 S/N L-24964-48A
 TSMOH 0.0

MODEL IO-540-T4B5
 ENGINE TOTAL TIME 0.0
 TBO 2000.0

**TRIAD
 AVIATION**

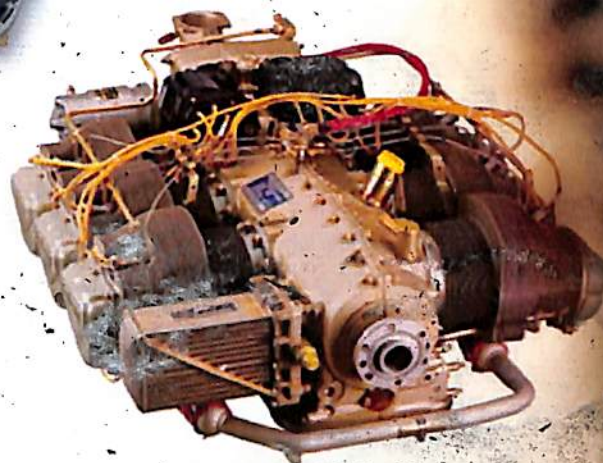
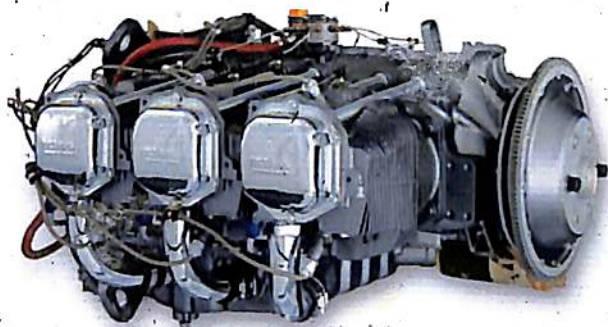
Triad Aviation, Inc.
 Burlington Municipal Airport
 3439 South Aviation Drive
 Burlington, NC 27215
 336-227-1467

Ohman H. Rusher
 Authorized Signature

03/21/2016
 Date

Test ran Lycoming IO-540-T4B5 engine serial number L-24964-48A for 2 hours 15 minutes, RPM
 2700, oil pressure 80 lbs, oil temperature 188 degrees, CHT 336. Magneto check at 2100 RPM, L
 100 RPM, R 100 RPM. Compression test cylinder #1 78/80 #2 75/80 #3 78/80 #4 77/80 #5 77/80
 #6 76/80. This engine and/or component is approved for return to service. All pertinent details on
 file this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M. wo#
 22468
 Signed: Ohman H. Rusher Date: 03/21/2016

TRIAD
AVIATION



ENGINE LOG BOOK

TRIAD AVIATION, INC

ENGINE LOG ENTRY ***

SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. REPLACED THE FOLLOWING: ENGINE INLET FILTER, CRANKSHAFT SEAL P/N LW11997 AND THREE SPARK PLUGS P/N REM40E. REMOVED ALTERNATE AIRBOX. HAD REPAIRED BY ASSOCIATED AERO SERVICE, INC. WO# 21571 DATED 08-15-2014. BORESCOPED CYLINDERS - NO DISCREPANCIES NOTED. RETORQUED ROCKER BOX COVER SCREWS. ADJUSTED MIXTURE CONTROL AND PROPELLER CONTROL CABLES FOR PROPER CUSHION. SECURED LEFT MAGNETO "P" LEAD WIRE. TIMED MAGS TO 25 DEGREES. DRAINED OIL. CHECKED AND REPLACED OIL FILTER - NO METAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 30/100W OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. INSPECTED EXHAUST SYSTEM. CLEANED FUEL INJECTORS. PERFORMED COMPRESSION CHECK: #1 77/80 #2 74/80 #3 78/80 #4 75/80 #5 72/30 #6 79/80. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#14291 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Donal L. Kendall
Signed DK7R795J FOR DLK AVIATION, INC.

DLK

2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
LOG ID# 16179 09-September-2014 WO# 14360
N114ET S/N 14574 COMMANDER 114-B
HOBBS 1176.7

AVIATION, INC.

Pg 1/1

*** ENGINE LOG ENTRY ***

REPLACED FUEL PUMP PN LW15473 SN 053E13. RAN ENGINE AND ALL CHECKS NORMAL. CONFIRMED FUEL PRESSURE READINGS ARE CORRECT BY INSTALLING INLINE ANOTHER FUEL DIRECT READING GAGE-FUEL PRESSURE BOTH READ THE SAME PRESSURES.

MAINTENANCE RELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#14360 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Donal L. Kendall
Signed DK7R795J FOR DLK AVIATION, INC.

SUB-TOTALS this page

TOTALS - Carry forward to next page

Tennessee Aircraft Services, Inc.

2313 Technology Center Drive
Jackson, TN 38301
Phone: 731-424-7227

DATE: 06 June, 2011
A/C TSN: 2090.2
HOBBS: 1043.1

Working with reference to FAR 43 Appendix D.
Inspected and replaced dzus locks 2ea p/n AW05-90, push nuts 2 ea p/n C185-014-1 and packings 2 ea p/n MS29512-03 on both tank caps due to
N/L/G hydraulic lines to engine mount.
and down hoses on left and right gear using 111-4 hose. Performed hose pressure test to 2000 P.S.I. Installed hoses and performed
good.
p/n: 43744-504.
111-1 ea p/n on left and right elevator hinges and new bolt sp/n AN4-12A.
111-1 and bearing p/n S0336-31 on rudder.
775-011, p/n MS28775-016, p/n MS28775-113, and p/n 600-001-10 on co-pilots left and right brake master cylinders. Bled brakes leak
775-011, p/n MS28775-016, p/n MS28775-113, and p/n 600-001-10 in pilots left brake master cylinder. Bled brake
775-111 (2 ea.), p/n MS28774-111, p/n MS28775-117 (2 ea.), p/n MS28774-117, and p/n MS28775-025 (2 ea) on right main landing gear
compass. ops check good.
and windscreen and thoroughly cleaned. Resealed windscreen with CS3201B1-2QTBLK windshield sealant.
left Fuel Tank. Cleaned and inspected tank for corrosion, loose rivets, and debris. Resealed left fuel tank with two kits of AMS-s-8802B.
ure tested satisfactorily. Added fuel and inspected for leaks with none found.

Inspected in accordance with an Annual Inspection and found airworthy.

SIGNED: Joe Norris
Joe Norris, IA: 3466262

Work Order: 5607
Printed by EBis 3 (datcomedia.com)



Tennessee Aircraft Services, Inc.
2313 Technology Center Drive
Jackson, TN 38301
Phone: 731-424-7227

DATE: 06 June, 2011
A/C TSN: 2090.2
HOBBS: 1043.1

Directives researched through this date.
amendment 39-16650 complied with by visual inspection of elevator spar per FAA AMOC Appendix A revision 1
Latter L115W-11-315 Alternative Inspection Procedures. No defects were noted by viewing with borescope.
amendment 39-15602 for inspection of fuel injector lines complied with by inspection with no defects noted. Next

SIGNED: Janet Young
Janet Young, A&P: 3286150

Work Order: 5607
Printed by EBis 3 (datcomedia.com)

COMMANDER
DUE 7/31/2013.
*C/W AD 2012-02-10, ELEVATOR
INSPECTION DUE AT 1220.8 ACTT OR 7/31/2013.
*REMOVED GASCOLATOR BOWL AND SCREEN, CLEANED AND INSPECTED
AND BOWL WITH NEW SEALS, P/N MS29513-137, NAS1523-8B. OPS/LEAK
MM.
*REPLACED LH BRAKE SHIM, P/N 068-01100, IAW COMMANDER 114B MM AND IAW
*REPLACED ELT BATTERY, P/N BS2173. INSPECTED AIRCRAFT ELT SYSTEM ACCORDING
MANUFACTURER'S INSTRUCTIONS AND APPLICABLE FAA GUIDANCE. ELT FOUND TO MEET
91.207(d). BATTERIES DUE 06/2014. NEXT INSPECTION DUE 7/31/2013.
*REPLACED NLG WHEEL LH AND RH BEARINGS, P/N 08231, AND RACES, P/N 08125, IAW COM
CLEVELAND AWBC#0001-7
*REMOVED INDUCTION AIR FILTER, AND INSTALLED BRACKETT AERO FILTER ASSEMBLY, P/N BA
SA71GL, FAA FIELD (337) APPROVAL DATED 6/28/12, AND COMMANDER ICA. NEXT FILTER ELEM
1170.8 ACTT OR 7/31/2013.
*REPLACED VACUUM SYSTEM FILTER, P/N 117-1, AND RELIEF FILTER, P/N ARB3-5-1, IAW COM
AND MFR INSTRUCTIONS. NEXT FILTER CHANGES DUE AT 1570.8 ACTT.
*REMOVED PILOT'S SHOULDER HARNESS, P/N 502423-411-2251, S/N 534-1, FOR REPAIR BY AM
REINSTALLED SAME OVERHAULED SHOULDER HARNESS IAW COMMANDER 114B MM.
*REMOVED #1 VACUUM PUMP, REPLACED #1 VACUUM PUMP GARLOCK SEAL, P/N 06A19956, AND INSTA
OVERHAULED PUMP, P/N AA216SERIES, S/N 13812, WITH NEW GASKET, P/N 68315, IAW LYCOMING

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6, GREENVILLE, SC 29607
LOG ID# 8676 11-July-2012 WO# 5549 REF# 5549 AC TT 1070.8 HOBBS 1070.8
N114ET S/N 14574 COMMANDER 114B

OPS/LEAK CHECK: GOOD.
*REMOVED CORROSION FROM, TREATED, AND PAINTED BELLY OF AIRCRAFT AND RUDDER TIP AS NECESS
*REPAIRED OIL COOLER TUBE BRACKET PER AC 43.13-1B.
*INSPECTED HAND HELD FIRE EXTINGUISHER FOR PROPER INSTALLATION; REMOVED, INSPECTED FOR DA
WEIGHED, PLACARDED, AND REINSTALLED EXTINGUISHER IN AIRCRAFT. ALL IAW CIRRUSS SR22 MM-86
INSPECTION DUE 7/31/2013.
*ADJUSTED AND SECURED GLARE SHIELD AS NECESSARY. FABRICATED AND INSTALLED REPLACEMENT LH
TIP LIGHT FENCES. ADJUSTED AND SECURED EXHAUST TAIL PIPE SPRING. STOP-DRILLED RH GEAR WE

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND
DETERMINED TO BE IN AIRWORTHY CONDITION.
THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN A
WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SER
REGARDS TO MAINTENANCE PERFORMED.

Douglas Duncan 7-11-12
DOUGLAS DUNCAN A&P/IA 3384163 DATE:

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6, GREENVILLE, SC 29607
LOG ID# 8767 07-September-2012 WO# 5621 REF# 5621 AC TT 1081.0 HOBBS 1081.0
N114ET S/N 14574 COMMANDER 114B
TSN 1081.0 TSO 1081.0

ENGINE
*REMOVED MALFUNCTIONING ENGINE-DRIVEN FUEL PUMP, AND INSTALLED NEW FUEL PUMP, P/N LW-15472
LYCOMING IO-540 MANUAL. OPS/LEAK CHECK: GOOD.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN A
WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SER
REGARDS TO MAINTENANCE PERFORMED.

Wes Bangle AP 3399769 9-7-12
WES BANGLE A&P 3399769 DATE:



July 29, 2013 Tach: N/A Hobbs: 1128.5 AFTT: 21
Airframe: Commander 114B
N114ET
Performed an ANNUAL Inspection IAW FAR 43 Appendix
FAR 91.207 (d). ELT battery expiration date, June 2014
(Condor 600xoply) and tubes (Leakguard 600x
calipers repacked using (MS28775-
Cleaned ground wires and

TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING
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			TOTALS brought forward from previous page
6/24/13	2170.8	2170.8	HOBBS 1126.7 OIL CHANGE 7QT Aeroshell 100 30W/40 CHANGED OIL FIC 100 30W/40 Aeroshell 100-2 CUT/OPEN FICER, suggested no noise found, OIL ANALYSIS sent LEAVE AND GOOD RETURN TO SERVICE owner Jamahl Pitt 3108699



July 29, 2013 Tach: N/A Hobbs: 1128.5 TSMOH: 2172.6
Engine Lycoming IO-540-T4B5 Ser# L-24964-48A
N114ET

Performed an ANNUAL inspection IAW FAR 43 Appendix "D". Compressions: #1-79/80 #2-76/80 #3-78/80 #4-76/80 #5-78/80 #6-79/80. Idle and Idle mixture adjusted. AD2011-26-04 C/W by inspecting fuel lines and clamps next due TTE: 2272.6 or after any fuel line or clamp maintenance. AD2012-19-01 N/A by engine serial #. AD 2012-03-07 N/A by engine is fuel injected. I certify that this Engine was inspected IAW an ANNUAL inspection and was determined to be in an airworthy condition.

PAUL S RIDGEWAY A&P 7903641A *Paul S Ridgeway*

7/15/13	2199.2	2199.2	1155.1 OIL CHANGE 7QT Aeroshell 100 30W/40 CHANGED OIL FIC 100 30W/40 Aeroshell 100-2 CUT OPEN FICER, suggested no noise found, OIL ANALYSIS sent to almost one checked out good. LEAVE check personnel NO LEAKS RETURN TO SERVICE. owner Jamahl Pitt 3108699
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2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
LOG ID# 15740 20-March-2014 WO# 14103
N114ET S/N 14574 COMMANDER
HOBBS 1162.6

*** ENGINE LOG ENTRY ***

REPLACED FUEL PUMP WITH OVERHAULED UNIT BY AERO ACCESSORIES WO #1576917 DATED 05-17-2011 PN LW15473 SN 1576917 WITH NEW GASKET PN 60096. RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. CHECKED FUEL VENTS ON LEFT AND RIGHT WINGS-NO OBSTRUCTIONS NOTED. INSPECTED INDUCTION SYSTEM AND FUEL LINES - ALL CHECKS NORMAL.

MAINTENANCE RELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#14103 AT REPAIR STATION DK7R795J. PERTINENT DETAILS REPAIR ARE ON FILE AT THIS REPAIR STATION.

K. K. K.
DLK AVIATION, INC.

TOTALS brought forward from previous page

11/5/12

HOBBS 1059.3 ENGINE 2106.4

CHANGE 7 QT Aeroshell W100 1000. CAP (GARD)

CHANGED OIL FILTER AND NO. 7. TIGHTENED ALL 100. 2. CUT/OPE

USED FILTER, NO HOLES FOUND, OIL INSPECTION. LEAK CHECK GOOD

RETURN TO SERVICE OK JAMES HUBBARD 3105600

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8677 11-July-2012 WO# 5549 REF# 5549 AC TT 1070.8 HOBBS 1070.8
N114ET S/N 14574 COMMANDER 114B
TSN 2114.9 TSO 2114.9

Pg 1/2

ENGINE

*COMPLETED ANNUAL INSPECTION, LUBRICATION, AND SERVICING IAW FAR 91.409, FAR 43 APPENDIX D, AND COMMANDER 114B MM. ALL AD'S AND SB'S RESEARCHED THROUGH ATP REVISION 7/9/12. NEXT ANNUAL INSPECTION DUE 7/31/2013.

*AD 2003-14-03, FUEL PUMP, N/A PER SUSPECT FUEL PUMP NOT INSTALLED. NO FURTHER ACTION REQUIRED.

*AD 2004-10-14C, PROP STRIKE / SUDDEN STOPPAGE, N/A PER NO PROP STRIKE.

*AD 2005-12-06, MAGNETO INSPECTION, N/A PER SLICK MAGNETOS INSTALLED.

*AD 2006-12-07, ECI CYLINDER INSPECTION, N/A PER ECI CYLINDERS NOT INSTALLED. NO FURTHER ACTION REQUIRED.

*AD 2007-04-19R1, SAP CYLINDER INSPECTION, N/A PER NO OVERHAUL. NO FURTHER ACTION REQUIRED.

*AD 2009-02-03, FUEL INJECTION SERVO, N/A PER SUSPECT FUEL SERVO NOT INSTALLED.

*AD 2009-26-12, ECI CYLINDER INSPECTION, N/A PER ENGINE NOT OVERHAULED AND NO NEW CYLINDERS INSTALLED SINCE NEW.

*C/W AD 2011-26-04, INJECTION FUEL LINE INSPECTION, BY COMPLETION OF MSB 342F. NO DEFECTS NOTED. NEXT INSPECTION DUE AT 1170.8 ACTT.

*AD 2012-03-06C, FUEL SERVO REPLACEMENT, N/A PER AVSTART FUEL SYSTEM NOT INSTALLED. NO FURTHER ACTION REQUIRED.

*COMPLIED WITH CYLINDER BORE INSPECTION AND COMPRESSION CHECK.

COMPRESSION: #1 - 76/80; #2 - 73/80; #3 - 78/80; #4 - 76/80; #5 - 74/80; #6 - 79/80.

*DRAINED OIL; REMOVED, INSPECTED (NO SIGNIFICANT MATERIAL NOTED), AND REPLACED OIL FILTER, P/N CH48110-1; SERVICED WITH 7 QTS AEROSHELL W100 OIL; IAW LYCOMING IO-540 MM. LEAK CHECK: GOOD.

*REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW LYCOMING IO-540 MM & MFG. INSTRUCTIONS. OPS CHECK: GOOD.

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8677 11-July-2012 WO# 5549 REF# 5549 AC TT 1070.8 HOBBS 1070.8
N114ET S/N 14574 COMMANDER 114B
TSN 2114.9 TSO 2114.9

Pg 2/2

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

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

Douglas Duncan

7-11-12

DOUGLAS DUNCAN

A&P/IA 3384163

DATE

11/13/13

HOBBS 1093.2 ACTT TSN 2137.3

OIL CHANGE 7 QT Aeroshell W100, 1000. CAP (GARD)

CHANGED OIL FILTER AND NO. 7. TIGHTENED ALL 100. 2. CUT/OPE

USED FILTER, NO HOLES FOUND, OIL INSPECTION. LEAK CHECK GOOD

RETURN TO SERVICE OK JAMES HUBBARD 3105600

SUB-TOTALS this page

TOTAL
TIME
IN
SERVICE

ANDERSON REGIONAL AIRPORT

April 1, 2010

TTSOH: 2043.0 Hobbs: 995.

Engine: Lycoming IO-540-T4B5

Ser#: L24964-46

N114ET

Performed an ANNUAL INSPECTION IAW FAR 43, Appendix (d). Compressions follows: #1-78/80 #2-77/80 #3-74/80- #4-76/80 #5-75/80 #6-78/80.

Performed Replaced points, cams, and carbon brushes. O and filter changed. Serviced with 8 qts AS15W-50 and a CH48110-1 oil filter. Fil. cut no particles noted. Plugs cleaned, checked and rotated. Engine test run and lec checked. No leaks noted. All AD's checked for compliance using AVANTEX AD software ver 2010-06. No new AD's applicable at this time. I certify that I have inspected this aircraft IAW an Annual inspection and have found it to be in an airworthy condition on this date.

Christopher A. Maxwell
Christopher A. Maxwell 2846774 A&P, I.A.

Rockwell Commander 114

ENGINE LOG

"N" Number: N114ET

Serial Number: 14574

Date: 10/4/2010

Hobbs: 1019.4

TTAF: 2066.5

The following discrepancies were corrected IAW the manufacturers maintenance manual

1. CW oil and filter change. Serviced engine with Aeroshell 15W50 and CH48110-1 filter. Cleaned and gapped sparkplugs. Sealed and serviced shimmy dampener. Aircraft returned to service.

Patrick M. Cobb
A&P 237982541 IA

for: City of Spartanburg
Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306
864 574 8560

ENGINE MODEL:
IO-540-T4B5
ENGINE S/N: L24964-48A
REG. NO: 114ET
WORK ORDER: 5607



Tennessee Aircraft Services, Inc.

2313 Technology Center Drive
Jackson, TN 38301
Phone: 731-424-7227

DATE: 06 June, 2011
A/C TSN: 2090.2
ENG TT:
HOBBS: 1043.1

Engine Entries

- Serviced engine with 8 quarts of Aeroshell W100 and installed a new filter p/n AA48110-2. Old filter opened and inspected with no discrepancies noted. Oil sample taken for analysis. Oil sump suction screen removed, cleaned, inspected, and reinstalled with new gasket p/n MS35769-21. Engine ground check run satisfactorily.
- Compressions: 1.76/80 2.72/80 3.80/80 4.77/80 5.78/80 6.76/80. All cylinders borescoped with no discrepancies noted.
- Installed new adel clamp on #4 push rod tube to fuel injector line.
- Installed new magneto gaskets p/n AEL12681 and AEL 62224.
- Adjusted left and right magneto to engine timing at 25 degrees BTDC as per spec.
- Installed new cylinder rocker cover gaskets p/n AEL75906 (6 ea.)
- Installed new engine shock mounts p/n J3804-28 upper (2 ea.) and p/n J3804-39 lower (2 ea.)
- Installed new induction tube hoses p/n 69603 (6 ea.) and intake gaskets p/n 71973 (6 ea.)
- Removed old throttle cable rod end and replaced with new p/n HF-3M rod end bearing.
- Repositioned tail pipe to prevent chaffing.
- Replaced 3 worn spark plugs with 3 new Unison UREM40E spark plugs.
- Re-swaged intake tubes on engine oil sump on #2, #3, #4 and #5 cylinders.
- Adjusted prop governor for 2700 RPM on take off roll.

I certify this aircraft has been inspected in accordance with an Annual Inspection and found airworthy.

SIGNED: *George A. SARR*

2011

Work Order: 500



TAC AIR SHREVEPORT

TAC Air - Ft. Smith
TAC Air - A Division of Truman Arnold Companies
P.O. Box 1481
Texarkana, TX 75504
Phone: (903) 334-7984 Fax: (903) 334-7910

Shop Order: SHV-001043

Opened: 4/13/2009

Closed:

Sold To: CHET COMER
PO BOX 1447
Anderson, SC 29622

Part Number:	N114ET	Type:	114-B	S/N:	14574		
Total Time:		Hobbs Time:	931.8	Tach Time:		LG Cycles:	
Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time	

Discrepancy: 1

Problem:

Engine running rough, #1 egt high.

Work Taken:

Inspected and found #1 fuel injector clogged. cleaned injector and reinstalled. cleaned spark plugs, gapped, tested, and installed. performed differential compression test on #1 cylinder, compression good at 75/80. ran engine, op's check good. IAW the Lycoming IO-540 M.M. and the Commander 114B M.M..

Date Completed:

4-13-09

Completed By Technician:

Accepted By Inspector:

Charges This Item:

2.00 Hours @ 65.00 \$ 130.00

Total For This Discrepancy: \$ 130.00

Summary:

Total Labor - 2.00 Hours: \$ 130.00

SubTotal:	\$	130.00
LA Sales Tax:	\$	5.20
SHV-Parish Tax:	\$	5.98
Total Charges:	\$	141.18

Thank you for your business!

ANDERSON REGIONAL AIRPORT

March 17, 2009 HOBBS: 914.5 TTSOH: 1958.6
Engine: Lycoming IO-540-T4B5 Ser# L-24961-48A
N114ET

Performed an **ANNUAL INSPECTION** IAW FAR, 43 Appendix D. Compressions# 1-78/80 #2-76/80 #3-78/80 #4-78/80 #5-72/80 #6-77/80. Changed oil and filter CH48110-1. Serviced with 8Qts Aeroshell 15W-50. Old filter cut open no metal noted. Removed, cleaned, gapped, tested and reinstalled spark plugs with new gaskets. Washed and ran engine no leaks or defects noted. AD 2009-02-03 (Hex plug gasket) C/W by replacing fuel servo hex plug gasket IAW Service Bulletin PRS-107 Section "G". AD 2008-14-07 (Injector Lines) C/W by inspection of injector lines and clamps no defects noted next due 1014.5 or after any injector line or clamp maintenance. I certify this engine was inspected IAW an ANNUAL INSPECTION and was determined to be in an airworthy condition.

Paul S Ridgeway
Paul S Ridgeway A&P2499470971A

July 09, 2009 TTSOH: 2004.5
Hobbs: 960.4

Changed oil and filter CH48110-1 serviced with 7 quarts Aeroshell 15W50. Cut open filter. No metal noted. Engine ran with no leaks.

Chet Cromer
Chet Cromer--Aircraft Owner

ANDERSON REGIONAL AIRPORT

July 17, 2009 Tach: NA HOBBS: 0960.5
Airframe: Commander 114B Ser#: 14574
N114ET

Removed Alternator PN: D0FF10300B, SN: 62198. Installed Alternator PN: D0FF10300B, SN: 1112360, Overhauled by Kelly Aerospace, w/o: M057570, FAA Form 8130-3 attached.

Ricky D. Freeman
A&P248801042

TOTAL
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TIMEDESCRIPTION OF WORK PERFORMED
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMINGANDERSON
REGIONAL AIRPORT

March 6, 2008 TTSOH: 1872.9 Tach: N/A Hobbs: 828.8
Engine: LYCOMING: IO-540-T4B5 SN: L-24964-48A
N114ET

Performed an Annual Inspection IAW Commander Service Manual. Changed oil and filter CH48110-1 serviced with 8Qts Aeroshell 15W-50. Cut opened filter no metal noted. Compressions: #1-76/80 #2-77/80 #3-76/80 #4-77/80 #5-76/80 #6-75/80. Replaced four spark plugs. Cleaned gapped and rotated spark plugs. Checked Mag timing. Tightened alternator belt. C/W AD 2002-26-01 by inspection of fuel injector lines and clamps. AD's researched using Avantex software through 2008-04. I certify that this engine was inspected IAW an Annual Inspection and was determined to be in an airworthy condition.

Paul S Ridgeway
PAUL S RIDGEWAY A&P/IA 249947097

June 30, 2008

TTSOH :

Hobbs :

Changed Oil and Filter CH48110-1 serviced with 7 quarts Aeroshell 15W50. Cut open filter. No metal noted. Engine ran with no leaks.

Chet Cromer
Chet Cromer--Aircraft Owner

January 22, 2009

TTSOH:

Hobbs:

Changed Oil Filter CH48110-1 Serviced With 7 quarts Aeroshell 15W-50. Cut open Filter. No metal noted. Engine ran with no leaks.

Chet Cromer
Chet Cromer--Aircraft Owner

SERVICE

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

TOTALS brought forward from previous page

ANDERSON
REGIONAL AIRPORT

March 15, 2007

Engine: Lycoming IO-540-T4B5

N114ET

Hobbs: 733.1

Ser # L-24964

Performed ANNUAL INSPECTION on this date using Commander Service Manual.
Oil and filter change with 8 Qts Aeroshell 15W50 oil and CH48110 Oil filter.
Compressions as follows: #1 78/80 #2 78/80 #3 79/80 #4 77/80 #5 76/80 #
78/80. Mag timing within limits. Exhaust system inspected. Engine controls checked
for function. All AD's checked for compliance using Avantex AD Listings(2007-04).
certify that I have inspected this engine IAW an Annual Inspection and have found
it to be in an airworthy condition on this date.

Christopher A. Maxwell
Christopher A. Maxwell 2846774 A&P, IA

N114ET Hour meter reads 778.7 hours

Replaced starter.

Prestolite MHB 4016, s/n 9F000057

Overhauled by Modified Aircraft Accessories

CRS M06R900J

Functional test normal

Stuart Spindel A&P 1624489 IA

*Stuart Spindel*ANDERSON
REGIONAL AIRPORT

Sept 6, 2007

TTSOH: 1822.9

Tach: N/A

Hobbs: 783.1

Engine: LYCOMING: IO-540-T4B5

SN: L-24964-48A

N114ET

Changed oil and filter CH48110-1 serviced with 8Qts Aeroshell 15W-50.
Cut opened filter no metal noted. Ran Acft no leaks noted.

Paul S Ridgeway
PAUL S RIDGEWAY A&P/IA 249947097

SUB-TOTALS this page

TOTAL
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OVERHAULTACH OR
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TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

ANDERSON
REGIONAL AIRPORT

March 8, 2006, Hobbs: 666.8

Engine: Lycoming 10540-T4B5

N114ET

Compressions as follows: Cyl. #1 70/80 Cyl. #2 68/80 Cyl. #3 70/80 Cyl. #4 69/80 Cyl. #5 68/80 Cyl. #6 70/80. Cleaned and gapped all spark plugs. Changed oil and filter. Serviced with 8 Qts. Aeroshell 15W50 oil. Replaced induction filter with new filter, P/N AM107599FP. Complied with AD 2002-26-01 by inspection of fuel injector lines and clamps. AD 2005-19-11 Crankshaft failure N/A. AD 2004-10-14 N/A until Prop strike/ sudden stoppage. All airworthiness Directives through 2006-04 have been checked using Avantex AD Research CD's. I certify that I have inspected this engine in accordance with an Annual Inspection and determined it to be in an airworthy condition on this date.

JAMES D. NIELSEN

James D. "Doug" Nielsen 2840818 A&P, I.A.

ANDERSON
REGIONAL AIRPORT

May 15, 2006, Hobbs: 693.4

Engine: Rockwell Commander

N114ET

Changed oil and filter on this date. Serviced with 8 quarts Aeroshell 15W50 grade oil. Cleaned spark plugs due to magneto RPM drop during engine ground run. Engine run after work completed tested satisfactory with no leaks noted.

James D. "Doug" Nielsen 2840818 A&P, I.A.

SUB-TOTALS this page

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

TOTALS brought forward from previous page

ANDERSON
REGIONAL AIRPORT

March 21, 2005 Hobbs/Tach: 614.1
Engine: Lycoming IO-540 N114ET

Complied with an **Annual Inspection** on this date.
Compressions as follows: Cyl. #1 78/80 Cyl. #2 76/80 Cyl. #3 74/80 Cyl. #4 76/80 Cyl. #5 74/80 Cyl. #6 75/80. Replaced air box scat hose. Inspected magneto timing. Cleaned upper spark plugs as required. Replaced lower spark plugs. Ran engine, no oil or fuel leaks noted. All systems tested satisfactory. Removed heat shield and inspected muffler. Checks ok. Reinstalled heat shroud.

ANDERSON
REGIONAL AIRPORT

I certify that I have inspected this **engine** in accordance with an **Annual** inspection and determined it to be in an airworthy condition on this date.

James D. Nielsen 2840818 A&P, I.A.

ANDERSON
REGIONAL AIRPORT

May 27, 2005 Hobbs: 623.8
Airframe: Commander 114
N114ET

Replaced engine compartment fuel and oil hoses with new hoses manufactured by Precision Hose, Tulsa, OK. Changed oil and filter. Serviced with 8 Qts. Aeroshell 15W50 oil. Ran engine, no leaks noted.

James D. "Doug" Nielsen 2840818 A&P, I.A.

TIME
IN
SERVICETOTAL
TIME
SINCE
OVERHAULTACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

3-25-04 1511.36 1511.36 467.2 Performed compression check #1 $78/80$ #2
#3 $77/80$ #4 $78/80$ #5 $76/80$ #6 $78/80$. Drained &
inspected filter. Serviced with 8qts
Aeroshell 15W50 and new CH48/110-1.
Checked mag timing, cleaned gap
and tested spark plugs. Inspected
intake, exhaust, mounts, propeller & f.
* Replaced inlet air filter.
F/WAD 93-02-05 Fuel injector line in
F/WAD 02-26-01 Fuel injector line & clamp
~~Ran~~ AD 03-14-03 N/A by no rotax
Run-up Leak check OK.

Engine:
Annual

467.2 3-25-04

John Kinsland
140481997IAANDERSON
REGIONAL AIRPORT

June 11, 2004, Hobbs: 500.1

Engine: Rockwell 114 N114ET

Changed oil and filter on this date. Serviced with Aeroshell
15W50 oil. Ran engine, no leaks noted.

Aircraft approved for return to service on this date.

JAMES D. NIELSEN

James D. Nielsen 2840818 A&P, I.A.

SUB-TOTALS this page

TOTAL
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IN
SERVICETOTAL
TIME
SINCE
OVERHAULTACH OR
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TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING V

TOTALS brought forward from previous page

ANDERSON
REGIONAL AIRPORT**August 18, 2004 Hobbs: 520.6****Engine: Rockwell 114 N114ET**Changed oil and filter on this date. Serviced with Aeroshell
15W50 Oil. Ran engine, no leaks noted.

Aircraft approved for return to service on this date.

JAMES D. NIELSEN**James D. Nielsen 2840818 A&P, I.A.**ANDERSON
REGIONAL AIRPORT**September 29, 2004 Hobbs: 551.0****Engine: Rockwell 114 N114ET**Changed oil and filter on this date. Serviced with Aeroshell
15W50 oil. Ran engine, no leaks noted.

Aircraft approved for return to service on this date.

JAMES D. NIELSEN**James D. Nielsen 2840818 A&P, I.A.**ANDERSON
REGIONAL AIRPORT**February 14, 2005 Hobbs: 581.7****Airframe: Rockwell 114 S/N 14574 N114ET**Changed oil and filter on this date. Serviced with Aeroshell
15W50 oil. Ran engine, no leaks noted. All systems tested
satisfactory.**James D. Nielsen 2840818 A&P, I.A.**

TOTAL
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IN
SERVICETOTAL
TIME
SINCE
OVERHAULTACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

ANDERSON
REGIONAL AIRPORT

December 16, 2003

Hobbs: 418.6 (Engine)

Replaced Magneto's with overhauled units. Installed
Right: Slick Model 6351 S/N 03110535. Left: Slick
Model 6351 S/N 03110536. Set magneto timing to
25 degrees as per engine data plate. Replaced all
spark plugs. Cleaned fuel injector nozzles as
required. Adjusted idle speed and idle mixture
settings as required.

Ran engine, ops check satisfactory. No leaks noted.
Magneto rpm drop within limits and is satisfactory.
N114ET Rockwell Commander 114B S/N 14574

JAMES D. NIELSEN

James D. Nielsen 265317572 A&P, IA.
Anderson County Aircraft Services
Anderson, South Carolina, 864 332- 5303

457.3 Changed oil this date, note: no filter
change, with 7 qts Aero Shell 15W50 oil
Charles C. Fields A&P 216-485618
ANDERSON COUNTY AIRCRAFT SERVICES, ANDERSON
SC: 864-332-5303

SUB-TOTALS this page

N 111ET

Airframe
-Engine Log's

Date: 6 Oct 2002	Make: Commander	Model: 114B	S/N: 14574
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Hobbs. Tach: 308.3

Removed and installed upper vac pump p/n 211CC, s/n 14274. Torqued and safetied as required. Removed and replaced main vac filter and vac regulator filter. Ground run, ops check satisfactory.

Airframe

This engine determined to be in an airworthy condition with respect to the work performed and is approved for return to service

Santa Fe Jet

Center, Inc.

445. Airport Rd.

Santa Fe. New

Arturo Torres

GNER # 387E

REF: W.O. # 6938

1-800-263-7695

TIME
IN
SERVICETOTAL
TIME
SINCE
OVERHAULTACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

BROADHEAD AVIATION MAINTENANCE

120 Club Loop
Greenville, SC 29605
(864) 299-5084TACH: 356.5 Engine Log
6-10-03

Replaced fuel pump with over-
hauled pump P/N 15473, S/N
AA15798. Main oil, inspected
filter. Serviced with 8qts Aero
Shell 15W50 + new CH4319 filter.
John W. Bevelhimer
HAP105462547

ANDERSON
REGIONAL AIRPORT

JAMES D. NIELSEN

TOTAL
TIME
IN
SERVICETOTAL -
TIME
SINCE
OVERHAULTACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

BROADHEAD AVIATION MAINTENANCE

120 Club Loop
Greenville, SC 29605
(864) 299-5084

TACH/METER: 237.6

5-21-02

Drained oil, inspected filter.
Serviced with 8qts. Aeroshell
15W50 oil + new CH48110 filter.
Run-up, leak check O.K. —
John W. Broadhead
A#P105462547

270.9 Drained oil, inspected filter. Serviced
with 8qts Aeroshell 15w50 and new
CH48110. Performed compression check
#1 79/80 #2 79/80 #3 79/80 #4 79/80 #5 79/80 #6 78/80.
Cleaned, gapped & tested Spark Plugs.
Run-up leak check O.K. —

John Kinane
140481997 IA

1379.16 1379.16 335.0 Performed compression check #1 79/80 #2 78/80
#3 79/80 #4 79/80 #5 79/80 #6 79/80. Drained oil, inspected
filter. Serviced with 8qts Aeroshell 15w50
and new CH48110. Inspected intake, Exhaust
mounts + propeller. Cleaned + inspected Fuel
Screen + Inlet air Filter. Checked mag timing.
Retimed Both mags. Cleaned gapped + tested
all spark plugs. AD93-0205 + AD93-34-01

SUB-TOTALS this page

In line or last line/line

Commander Aircraft Company

FAA Certified Repair Station CMKR305K
7200 N.W. 63rd St., Bethany, OK 73008
Telephone (405) 495-8080 FAX (405) 495-8383

REG# N114ET S/N 14574

TTAF 203 SMOH 0 W/O 2001-17

Annual inspection I/A/W Commander 114B inspection
lines. Installed new fuel flow transducer P/N 680501X-29.4
07538. Installed new engine driven fuel pump P/N LW-15473.
Installed new ELT Battery Due Date Feb 2004. Installed new, tail
assy P/N A555-28. Installed new Eng baffle assy P/N 615005-5
sealed right wing fuel access panel. Installed new brake discs
164-01-501. Altimeter certified to 20,000ft on 1-05-01 by
Quest Avionics, Ocala, FL Transponder certified by Quest Avionics
FL on 1-05-01. Static system tested by Commander Aircraft
12-02 I/A/W Far Part 43 app E. to 3,000ft above agl. Repaired
fuel quantity indicator ops check good. Updated AD List with
aircraft maintenance records.

continue page 2

Commander Aircraft Company

FAA Certified Repair Station CMKR305K
7200 N.W. 63rd St., Bethany, OK 73008
Telephone (405) 495-8080 FAX (405) 495-8383

114B REG# N114ET S/N 14574

-21-02 TTAF 203 SMOH 0 W/O 2001-17

page 2

Repacked battery and serviced. Serviced landing gear hydraulic
pack. Serviced brake system. Inspected and checked ELT.
Performed a complete landing gear operation. Serviced wheels
brakes. This aircraft has been inspected in accordance with
annual inspection and is approved for return to service for
performed at Commander Aircraft Company. Work order # 2001-17.
Copy of this work order is on file at Commander Aircraft Co.

Glen Williams
Commander Aircraft Co. Repair Station CMKR305K

TOTAL
TIME
SINCE
OVERHAULTACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING

TOTALS brought forward from previous page

Commander Aircraft Company

FAA Certified Repair Station CMKR305K
7200 N.W. 63rd St., Bethany, OK 73008
Telephone (405) 495-8080 FAX (405) 495-8383MODEL Ly-IO-540-T4B5REG# N114ETS/N L-24964-48ADATE 2-21-02 TTAF 203SMOH 0W/O 2001-17

Performed a 100hr inspection I/A/W commander aircraft 114B guidelines. Changed oil and filter. Serviced with 8qts Aeroshell 15-50wt. Installed new oil filter. Comp check #1 71/80 #2 75/80 #3 73/80 #4 70/80 #5 75/80 #6 73/80. checked and cleaned fuel screen from gascolator. Installed new spark plugs. Installed mag after 500hr insp. D&B Aircraft Bethany, Ok W/o # 6937. Timmed mags to engine. Serviced air filter. Checked and cleaned fuel servo injector screen. Cleaned and re-installed fuel injector nozzles. Pressure tested exhaust system. Updated AD list with Aircraft maintenance records, Adjusted Idle RPM. Installed repaired exhaust system. P/N 9910758-101R. Wall Colmonoy Ok, City W/O # 15144. Installed new exhaust gaskets. Flushed oil cooler.

continue page 2

Commander Aircraft Company

FAA Certified Repair Station CMKR305K
7200 N.W. 63rd St., Bethany, OK 73008
Telephone (405) 495-8080 FAX (405) 495-8383MODEL Ly-IO-540-T4B5REG# N114ETS/N L-24964-48ADATE 2-21-02 TTAF 203SMOH 0W/O 2001-17

page 2

This engine has been inspected in accordance with a 100hr inspection and is approved for return to service for work performed at Commander Aircraft Co. Workorder #2001-17. A copy of this work order is on file at Commander Aircraft Co.

Signed:

Glen Williams

For Commander Aircraft Company Repair Station CMKR305K

TOTALS brought forward from previous page

Filter; changed. Dr
changed oil. Serviced
8 quarts Aerashell. 15W 50

Barry White

BROADHEAD AVIATION MAINTENANCE

120 Club Loop
Greenville, SC 29605
(864) 299-5084

9-5-01

Meters: 123.2

8-5-01 Drained oil,
Meter: 123.2 Inspected filter. Serviced
with 8qts. AeroShell 15W50
and new CH48110 filter.

and new 1818
Run up, leafy check O.K.
W. B. Beall

AP10546.2547

BROADHEAD AVIATION MAINTENANCE

120 Club Loop
Greenville, SC 29605
(864) 299-5084

TO NINET

10-3-01

Engine Log
Meter 159.6.

Drained oil, inspected Filter
Serviced with 8.95. Aerobell
15W50 + New CH48 HO. Rums
UP Leak Check Good. J. P. V.

John K. ...
48997A

adlog AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM**

Airworthiness Directives

Model: 114B, S/N: 14574, Tail No:

[illegible]

ENGINE -

Company
Manufacturer
Model
Location
Serial #

TEXTRON LYCOMING
IO-540 SERIES

TSMOH
Total Time

AD# Effective	Subject	Date & Hours @ Compliance	Method Of Compliance	O	R	Next Comp @ Hrs/Date	Authorized Signature & Number
*63-14-03 07/06/63	OIL PUMP DRIVE SHAFT/		N/A BY S/N		X	N/A	
93-11-11 06/21/93	LOW AND HIGH PRESSURE DIAPHRAGM FUEL PUMPS/		N/A BY S/N	X		N/A	
*97-01-04 12/27/96	CYLINDER HEAD SEPARATION/		N/A BY ENGINE MODEL		X	N/A	
*99-04-04 02/25/99	MAGNETO IMPULSE COUPLING/		N/A BY ENGINE MODEL		X	N/A	
*02-12-07 07/03/02	OIL FILTER CONVERTER PLATE GASKET/		N/A BY ENGINE MODEL		X	N/A	
*03-14-03 08/14/03	ROTARY FUEL PUMP RELIEF VALVE SCREWS/		N/A BY OVERHAUL DATE		X	N/A	
*04-10-14 C1 06/25/04	CRANKSHAFT GEAR AND GEAR RETAINING BOLT/		DUE AT O/H, PROPSTRIKE, SUDDEN STOPPAGE		X	SUDDEN STOPPAGE	
*09-26-12 02/04/10	ENGINE COMPONENTS, INC. P/N AEL65102 "TITAN" CYLINDERS/		N/A BY P/N		X	N/A	
*15-02-07 03/11/15	PROPELLER GOVERNOR IDLER SHAFT SET SCREW/		N/A BY ENGINE MODEL		X	N/A	
*15-19-07 11/03/15	EXTERNAL FUEL INJECTOR LINES/	3/23/22 1466.6	C/W BY INSPECTION OF F.I. LINES/ CLAMPS		X	100 HRS	<i>J. L. H.</i> 3595343A
17-16-11 08/15/17	ENGINE CONNECTING ROD ASSEMBLIES INTEGRITY/		N/A BY ENGINE MODEL AND DATE OF O/H	X		N/A	