



DESCRIPTION OF WORK PERFORMED -
SIGNATURE & CERTIFICATE OF PERSON PERFORMING WORK

DATE	SERVICE	JIN	TIME	TOTAL
RECORDING				TIME
MATERIAL				TIME

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N595TC

Engine Manufacturer Lycoming

Model TIO - 540 - AG1A

Serial No. L - 9629-61A

Date installed on aircraft 8/8/95

Time Between Overhauls (TBO) 2,000 Hours

Aircraft: is single engine

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			Removed Data Plate S/N L-1259-X and Installed Data Plate L-9629-61A
			<i>Charles E. Ward</i> Charles E. Ward Textron Lycoming Service Engineer

Commander Aircraft Company

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

MODEL TIO-540-AGIA REG# N595TC S/N 20005
 DATE 10/06/95 TTAF 20.5 SMOH ----- W/O M1280
 Changed engine oil and filter, serviced with 10 qts. Aeroshell
 15W50, adjusted mixture control. This engine is approved for
 return to service for work performed under Commander Aircraft
 Company work order number M1280. A copy of this work order is
 on file at this repair station and a copy has been given to the
 aircraft owner.

Signed

FOR COMMANDER AIRCRAFT COMPANY REPAIR STATION CMKR305K

N#:	595TC	ATLANTIC AERO, INC.	DATE: 10/24/95
SN#:	20005	Piedmont International Airport	W.O.#: 5014
Model:	114TC	Greensboro, North Carolina	Hobbs: 34.2
Landings:	N/A	FAA APPROVED REPAIR STATION EWGR752D	Total Time: 34.2

Removed RH magneto P/N 6360 S/N 95010002 and installed new magneto
 P/N 6360 S/N 95090014. Ran and ops checked good. Leak checked good.

***** END *****

Signature

For Atlantic Aero, Inc. FAA CRS EWGR752D

SUB - TOTAL this page

TOTAL - Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page

AIR-9
**FAA Repair Station
HUNR846E**



2-7-96

N595IC
Hobbs 68.0

Changed oil and filter, serviced with Aeroshell 15-50wt. Inspection of old filter no defects noted. Run up and leak checks performed. All work performed on work order 10712 is approved for return to service.

DATE: 2-7-96 SIGNATURE: 
 GALVIN FLYING SERVICE INC.
 6987 PERIMETER ROAD SOUTH
 SEATTLE, WA 98108
 REPAIR STATION NO. HUNR 846E

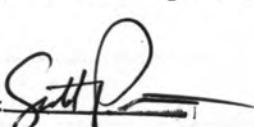
**FAA Repair Station
HUNR846E**



4-8-96

N595IC
Tach 109.4

changed oil and filter, serviced with Aeroshell 15-50wt, inspected old filter, no defects noted. Run up and leak check performed. All work performed on work order 11128 is approved for return to service.

DATE: 4-8-96 SIGNATURE: 
 GALVIN FLYING SERVICE INC.
 6987 PERIMETER ROAD SOUTH
 SEATTLE, WA 98108
 REPAIR STATION NO. HUNR 846E

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TOTAL - Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

**FAA Repair Station
HUNR846E**



3-21-96

N595TC
Hobbs 99.6

removed and replaced the voltage regulator with P/N VR515G S/N 2050975, operational check of system ok. All work performed on work order 10999 is approved for return to service.

DATE: 3-21-96 SIGNATURE: 
 GALVIN FLYING SERVICE INC.
 6987 PERIMETER ROAD SOUTH
 SEATTLE, WA 98108
 REPAIR STATION NO. HUNR 846E

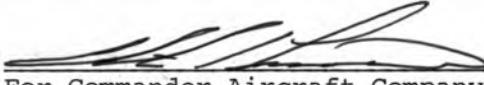
Commander Aircraft Company

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

MODEL TIO-540-AG1A	REG# N595TC	S/N L-9629-61A
DATE 7-10-96	TTAF 186.6	SMOH ----- W/O M1351

Changed engine oil and filter serviced with 10qt aeroshell 15w 50, adjusted density controler, replaced 6ea lower spark plugs. This engine is returned to service for work preformed under Commander Aircraft Company work order number M1351

Signed:



For Commander Aircraft Company Repair Station CMKR305K

**FAA Repair Station
HUNR846E**

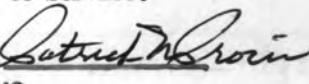


8-16-96

N595TC

Hobbs 255.1

Changed oil, Aeroshell 15W50. Inspected old oil filter and installed new filter. Run-up, leak and ops checks all OK. All work performed on work order 12034 is approved for return to service.

DATE 8-16-96 SIGNATURE 
 GALVIN FLYING SERVICES, INC.
 6987 PERIMETER ROAD
 SEATTLE, WA 98108
 REPAIR STATION NO. HUNR 846E

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Commander Aircraft Company

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

Engine

MODEL TIO-540-AGIA REG# N595TC S/N L-9629-61A
 DATE 08-28-96 TTAF 262.7 SMOH ----- W/O M1370

Performed 100 Hour Inspection in accordance with Commander 114TC guidelines. Changed engine oil and filter, serviced with 10 quarts Aeroshell 15W50. Complied with AD 93-02-05 inspection of fuel injector lines; complied with Lycoming SB 518C inspection of thermostatic bypass valve not applicable by serial number. This engine has been inspected in accordance with an 100 Hour Inspection and is approved for return to service for work performed under Commander Aircraft Company work order number M1370. A copy of this work order is on file at this repair station and a copy has been given to the aircraft owner.

SIGNED:

FOR COMMANDER AIRCRAFT COMPANY REPAIR STATION CMKR 305K.

SONOMA AVIATION MAINTENANCE
 2240 Airport Blvd.
 Santa Rosa, CA 95403

CHANGE OIL & FILTER w/10qt

AS 15W50 OIL + CH48110 FILTER

INSPECT FILTER: NO METAL FOUND

CLEAN ENG, LEAK CK NONE FOUND

I certify that this (aircraft) (engine) has been
 Inspected in accordance with a 50 HR
 inspection and was determined to be in airworthy
 condition.

Signed Mike Rogers AOP 556724712

Tach Time 318.4 Total Time _____
 WO# _____ Date 2/1/97

TOP GUN AVIATION

CERTIFY THAT THIS Eng HAS
 BEEN INSPECTED IN ACCORDANCE WITH AIR FORCE
 INSPECTION AND IS AIRWORTHY
 WITH RESPECT TO THE WORK PERFORMED
 DATE 9-10-99 TOTAL TIME 368.1

CH TIME 368.1 R.O. 7082428

Rich Briff
556900292EA

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Cont →	368.1			<p>Retired nogs to engine. Replaced wastegate assy. with New wastegate. Retired Turbo assy. for Buch check. Checked cb. Retorqued Turbo. C/w AD 93-02-05 Fuel Ins. line & Champ Insp. Good Rov & fit. ops checked cb. All applicable AD's thru 97-17 checked</p>
				<p>REG: N595TC LYC TIO-540-AG1A SN: L-9629-61A. HOBBS: 412.3 T.T: 412.3 DATE: 10/2/98.</p> <p>1. C/W ANNUAL INSPECTION I.A.W. COMMANDER MAINT. MANUAL 2. COMP. CYL #1) 68/80 2)71/80 3)70/80 4)71/80 5)70/80 6)73/80. 3. C/W OIL & FILTER CHANGE. SERVICED ENG. W/ 9 QTS. A/S100w50, NEW FILTER PN. CH48110. 4. RETORQUED ALL CASE & SUMP NUTS & BOLTS.</p>
				<p>I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION. AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. AND IS APPROVED FOR RETURN TO SERVICE.</p> <p>MAX BUCHER A&P 56955217 IA.</p>
				<p>MAXAIR AVIATION 16231 WATERMAN DR. VAN NUYS, CA. 91406 (818) 901-7098 (818) 901-7099 FAX.</p>
				<p>REG: N595TC B3D32C419-C SN: 951157. HOBBS: 433.8 T.T: 433.8 DATE: 12/30/98.</p> <p>1. INSTALL NEWLY OVERHAULED TURBOCHARGER P/N466011-9002 S/NBK026905</p> <p>JAVIER MALVAEZ A&P568554158</p> <p>MAXAIR AVIATION 16231 WATERMAN DR. VAN NUYS, CA. 91406 (818) 908-7098 (818) 901-7099 FAX</p>
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				REG: N595TC COMMANDER 114TC SN: 20005. <u>HOBBS: 464.4</u> DATE: 7/16/99. 1.C/W OIL & FILTER CHANGE, SERVICED ENG. W/9QT. A/S15W/50, NEW FILTER PN. CH48110. <i>Javier Malva</i> JAVIER MALVAEZA&P 568554158
				MAXAIR AVIATION. 16231 WATERMAN DR. VAN NUYS, CA. 91406. (818) 901-7098 (818) 901-7099 FAX.
				REG: N595TC-----LYC TIO-540-AG1A-----SN: L-9629-61A <u>HOBBS. 483.1-----T.T: 483.1-----DATE: 11/04/99</u>
				1. C/W ANNUAL INSPECTION I.A.W. COMMANDER MAINT. MANUAL 2. COMP CYL.#1 78/80 2)78/80 3)75/80 4)77/80 5)79/80 6)77/80 3. 3C/WOIL & FILTER CHANGE. SERVICED ENG. W/10 QT. A/S15w/50 & INSTALL NEW OIL FILTER P/N CH48110 4. INSTALL NEW INDUCTION FILTER P/N 615045-1 5. C/W COMMANDER SERVICE BULLETIN #SB-114-33 BY INSTALL - ING NEW CLAMP BETWEEN TURBO CHARGER & EXHAUST PIPE. CLAMP V-BAND EXHAUST P/N 40D21162-340(M) 6. INSTALL NEW INDUCTION CLAMP AT TURBO CHARGER. CLAMP P/N MS535842-15 7. C/W AD 93-02-05 BY VISUAL INSPECTION 8. C/W AD 84-26-02 BY INSTALLATION OF INDUCTION FILTER P/N 615045-1
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE <i>Larry Feuerhelm A&P 573866271 IA</i> LARRY FEUERHELM A&P 573866271 IA
				MAXAIR AVIATION 16231 WATERMAN DR. VAN NUYS, CA. 91406 (818) 901-7098 (818) 901-7099 FAX
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

1. UNITED STATES **2. FAA FORM 8130-3**
AIRWORTHINESS APPROVAL TAG

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

4. ORGANIZATION: ALLIEDSIGNAL, Automotive, TURBOCHARGING SYSTEMS Inc.
3201 W. LOMITA BLVD.
TORRANCE, CA 90505

6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
1	TURBOCHARGER	466011-9002	VARIOUS	1	BKO26905	NEWLY OVERHAULED

13. REMARKS:

1. UNIT ASSEMBLED WITH OVERHAULED AND NEW COMPONENTS.
2. DATE OF COMPLETION: 1/18-98
3. WORK PERFORMED BY: ED + OJ
4. ASSEMBLY INSTRUCTIONS PER OVERHAUL MANUAL TP20-0128 or 0129.

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 PART(S) IDENTIFIED ABOVE, EXCEPT AS OTHERWISE SPECIFIED IN BLOCK 13 WAS (WERE) MANUFACTURED IN ACCORDANCE WITH FAA APPROVED DESIGN DATA AND AIRWORTHINESS REGULATIONS.

NOTE: IN CASE OF PARTS TO BE EXPORTED, THE SPECIAL REQUIREMENTS OF THE IMPORTING COUNTRY HAVE BEEN MET.

15. SIGNATURE:	16. FAA AUTHORIZATION NO.	20. AUTHORIZED SIGNATURE:	21. CERTIFICATE NUMBER:
17. NAME (Typed or Printed):	18. DATE:	22. NAME (Typed or Printed):	23. DATE:

* Optional installer must cross check eligibility with applicable technical data.

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
				TOTALS brought forward from previous page	
11-25-00	517.3	517.3	517.3	RJR Oil filter service with Exxon 20w 50w ^{10wts} Ashless, CH48110, cleaned & Gapped Plugs RSR Rocker cover gaskets, RSR Turbo oil inlet gasket 11-25-00	J. O'Dell ASP 545118388
11-25-00	517.3	517.3	517.3	I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. NAME <u>J. O'Dell</u> NO <u>ASP 545118388-JA</u> DATE <u>11-25-00</u> TACH TIME <u>517.3</u> TSMOH <u>517.3</u>	
				SUB-TOTALS this page	
				TOTALS—Carry forward to next page	

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				TOTALS brought forward from previous page
				REG#: N595TC MAKE: COMMANDER 114TC SER#: 20005 Date: 02-11-2002 TACH:: 552
				This engine has been inspected in accordance with annual inspection checklist and was determined to be in airworthy condition. Changed oil and filter, serviced with 11 qts of oil. R&R air induction filter P/N 615045-1. R&R crankshaft seal. R&R all heater skat hoses. R&R #2,#4 and #6 valve cover gaskets P/N TL75906. R&R prop "O" ring P/N LW-13792. R&R all hoses. Repaired magneto harness leads. Cleaned waste gate and check for proper ops.
				 JIM OCHWATT IA545118388
				REG#: N595TC MAKE: COMMANDER 114TC SER#: 20005 Date: 02-11-2002 TACH:: 552
				C/W magneto 500 Hr inspection IAW Unison manual Section 3.3. R&R contact points P/N M-3081 (2ea).
				 JIM OCHWATT IA545118388
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

BELL AVIATION SERVICE

43640 San Francisco Ave.
Lancaster, California. 93535
661 886 2277
661 946 6651 Home
240 757 8645 Fax

Engine Log: N595TC Tach and total time: 573.4

Date: 4-10-2003

- ▶ Annual inspection:
Test run engin until worm, Operation checked good, Remove spark plugs and perform compression test. #1 72/80, #2 64/80, #3 74/80, #4 76/80, #5 75/80, #6 72/80.
Spark plugs service, gapped and spark tested and Aircraft Spark Plug Service Co.
Reinstall and torque spark plugs.
- ▶ Remove, Inspect and clean fuel screen.
- ▶ Adjust left magneto timing to be synchronized with right magneto at 20 degree specification.
- ▶ Drain engine oil, Replace oil filter CH 48110 and refill engine with 12 qts Exxon Aviation oil Elite. SAE 20W-50 Multi-Grade semi-synthetic oil. Owner provided.
- ▶ Inspect engine air induction filter and found to be clean. AD 84-26-2 (replacement of air filter) due at 1,¹⁰/₅₂.⁰ hours. 1,052.0 hrs
- ▶ Replace seals at turbo controller valve. Replace clamp lock nuts with new. Run engine until worm and torque clamps and safety wire.
- ▶ Exhaust system and induction system pressure tested and inspected for leaks with soap water.
- ▶ Minor replacement of red RTV sealer on engine metal baffles and flexible baffles.
- ▶ Engine test run, Operation tested good and leak checked good.
- ▶ Airworthiness Directives checked through. 2003-07 and found to be in compliance. AD 91-14-22 due at any prop strike. AD 02-26-01 C/W by inspection and is next due at 673.4 or annual or if any fuel injector lines are affected by service.
- ▶ I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Bruce Allan Bell 519805262 A&P IA.

Bruce Allan Bell 519805262 A&P I.A.

Airframe & Powerplants mechanic.

Inspection Authorization

519805262

Aircrfixr@aol.com

BELL AVIATION SERVICE

21309 Lakeshore Drive Number 20
California City, California. 93505
661 886 2277

Engine Log N595TC

Date: October 30, 2004 AFTT and Hobbs: 587.4

- Annual inspection competed in accordance with Commander Aircraft Company 114B / 114TC Maintenance Manual Inspection check list Revision A.
- Compression test results: #1 68/80, #2 64/80, #3 74/80, #4 76/80, #5 72/80, #6 74/80.
- Oil Sump removed for sublet repair to Pacific Continental Engines, Inc. Steel insert sleeves for induction pipes repaired. New rubber induction pipe sleeves installed.
- Three exhaust pipe studs replaced right engine cylinders. New exhaust gaskets and hardware installed as needed new.
- Spark plugs removed and serviced by Aircraft Spark Plug Service Van Nuys California. Reinstalled.
- Magnetos p/n 6361 s/n 95010061 & p/n 6360 s/n 95090014 repaired, inspected and tested in accordance with Slick service Manual, As per **Slick 500 hour inspection** by Aero Accessories Van Nuys California. Magnetos reinstalled and timed to engine.
- Fuel injectors replaced with General Aviation Modifications, Inc. (GAMI) Injectors. Per STC SE09445SC. Form 337 filled out and mailed to FAA.
- Engine refilled with 10 qts **EXXON ELITE AVIATION OIL 20-50**. New CH48110 oil filter installed. Old oil filter cut open for inspection and no abnormalities noted.
- AD 2002-26-01 C/W by inspection of fuel lines. Recurring if fuel injector lines are affected by service or at AFTT 687.4
- AD 2003-14-03 C/W by torque check of screws. Found to be at specific torque. Recurring portion of AD 2003-14-03 is now terminated.
- AD 2004-05-24 C C/W by Installation of TEXTRON LYCOMING KIT p/n 05K19987. Crankshaft gear repair. w/o #49231.
- AD's checked and in compliance through 2004-20.
- Engine test run, idle speed and mixture set. Engine inspected for leaks. No leaks found.
- I certify that this **ENGINE** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in airworthy condition.

Bruce Allan Bell 519805262 A&P IA.

Bruce Allan Bell

California City Airport.
22520 Airport Way.
Hangar Five.
Airframe & Powerplants mechanic.
Inspection Authorization.
Aircrfixr@aol.com

Bell Aviation Service.

21309 Lakeshore drive #20
California City, California. 93505

Engine Log N595TC

1-21-2006 AFTT: 600.6 Engine Total time: 600.6

- Annual inspection completed in accordance with Commander Aircraft Company 114TC check list. Revision A.
- Engine Oil drained, sample taken for analysis. Oil filter removed and cut open for inspection, Oil pump inlet screen removed for inspection. No abnormalities noted. Engine Oil refilled with Exxon 15W-50 and new oil filter installed.
- Engine compression test results. #1 77/80, #2 50/80, #3 76/80, #4 73/80, #5 76/80, #6 48/80. Cylinders 2 & 6 removed and sent to Western Cylinder Overhaul, Inc. Repair station VA3R912L and overhauled. Cylinders reinstalled and engine test run. Compression test for cylinders to be rechecked post brake in.
- Spark plugs removed, cleaned, gapped and tested. Reinstalled with new copper washers.
- Cylinder head probe MS24482-1 replaced at cylinder #6.
- All exhaust gaskets installed new on reassembly of exhaust system.
- Engine to magneto timing adjusted to specification.
- Fuel screen for airframe and fuel servo checked and cleaned. Reinstalled with new "O" ring seals.
- Engine test run and leak checked. All exhaust hardware torque checked and safety wired.
- AD 2002-26-01 C/W by inspection. Next due at next annual or at 700.6 AFTT or at any service that affects fuel injector lines.
- AD's checked and in compliance through 2006-01.
- I certify that this engine has been inspected in accordance with annual inspection and was determined to be in airworthy condition. Bruce Allan Bell 519805262 A&P I.A.

Bruce Allan Bell

WESTERN CYLINDER OVERHAUL, INC.
12653 OSBORNE STREET • PACOIMA, CA 91331
PHONE (818) 896-5522

FAA APPROVED REPAIR STATION #VA3R912L

WORK ORDER # 20590 CUSTOMER Bell Aviation
MANUFACTURER LYC MODEL TIO-540-AGIA
PART NAME/# Cylinder Assy Complete

The component hereon identified was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of this repair are on file at this agency.

Date 12-14-2005 Signed Rodolfo R. Pagan

Calif

Hand

C

Fiv

WESTERN CYLINDER OVERHAUL, INC.
12653 OSBORNE STREET • PACOIMA, CA 91331
PHONE (818) 896-5522

FAA APPROVED REPAIR STATION #VA3R912L

WORK ORDER # 20589 CUSTOMER Bell Aviation
MANUFACTURER LYC MODEL TIO-540-AGIA
PART NAME/# Cylinder Assy Complete

The component hereon identified was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of this repair are on file at this agency.

Date 12-14-2005 Signed Rodolfo R. Pagan

APRIL 1,2007

BELL AVIATION SERVICE

17197 Roper Street Hangar 977 Mojave California 93501
Phone (661) 824-0555 Cellular Phone 661 728 8584 E-Mail aircrfixr@aol.com

ENGINE LOG

Commander Aircraft 114TC

AFTT: 601.4 Hobbs: 601.8 ETT: 601.4

- Annual inspection completed in accordance Appendix D to Part 43.
- Oil drained. Oil filter removed and cut open for inspection, Oil pump inlet screen removed for inspection and cleaning.
Filter and screen found to be normal.
- Screen reinstalled with new copper crush gasket.
New Oil filter installed. Engine refilled with Exxon 15W-50 Oil.
- Spark plugs removed, cleaned, gapped, spark tested and reinstalled with new M674 gaskets.
- Compression check. #1 76/80, #2 72/80, #3 75/80, #4 72/80 #5 75/80 & #6 72/80.
- All AD's have been checked and in compliance through 2007-02.

I certify this **engine** has been inspected in accordance with an **annual** Inspection and was found to be in an Airworthy condition.

Bruce Allan Bell 519805262 A&P I.A.

Bruce Allan Bell

MAY 1, 2008

BELL AVIATION SERVICE

17197 Roper Street Hangar 977 Mojave California 93501
Phone (661) 824-0555 Cellular Phone 661 728 8584 E-Mail aircrfixr@aol.com

ENGINE LOG

Commander Aircraft 114TC

AFTT: 602.9 Hobbs: 602.9 ETT: 602.9

- Annual inspection completed in accordance Appendix D to Part 43.
 - Oil drained. Oil filter removed and cut open for inspection, Oil pump inlet screen removed for inspection and cleaning. Filter and screen found to be normal.
 - Screen reinstalled with new copper crush gasket.
New Oil filter installed. Engine refilled with Exxon 15W-50 Oil.
 - Spark plugs removed, cleaned, gapped, spark tested and reinstalled with new M674 gaskets.
 - Compression check. #1 76/80, #2 71/80, #3 75/80, #4 72/80 #5 75/80, #6 70/80.
 - AD 2008-14 To prevent a lean running engine. N.A.
 - All AD's have been checked and in compliance through 2007-04F.
- I certify this engine has been inspected in accordance with an annual Inspection and was found to be in an Airworthy condition.

Bruce Allan Bell 519805262 A&P I.A.

Bruce Allan Bell

July 10, 2009

EXODUS AIR SERVICE

4555 West Ave "G" Ste#6 (WJF) Lancaster, California 93536 Phone (661) 942-6489 Fax (661) 942 0012
E-Mail Exodusairservice@hotmail.com

N595TC Engine. Hobbs & ETT: 607.0

Annual inspection completed per scope and detail of Appendix D to Part 43.

- Drained engine oil. Oil sample taken for analysis. Removed oil filter and cut open for inspection. Removed oil pump inlet screen, inspect, clean and reinstall with new copper crush washer P/N MS35769-21. Refill engine with 10 quarts with Exxon Elite 20W-50.
- Compression test: #1. 79/80, #2 78/80, #3 76/80, #4 78/80, #5 72/80, #6 78/80.
- Remove spark plugs, clean, gap, spark test and reinstall with new M674 Gaskets.
- Remove fuel injectors, clean, flush and reinstall with new rubber washers and O ring seals.
- Remove both engine magnetos and perform 500 hour inspection by Exodus Engine Shop (Rodolfo Rodriguez) Reinstall and time to engine.
- Replace cylinder head temp probe for cylinder #6 P/N 2855 S/N 7146.
- Remove all six induction tubes and replace gaskets P/N 71973.
- Torque all exhaust hardware and clamps.
- Replaced turbo controller waist gate spring P/N 477312-0000.
- Removed propeller, De sludge crank shaft and propeller hub. Replaced alternator drive belt and reinstall propeller with new O ring seal P/N MS28775-228.
- Test run, Set Idle mixture, and speed. Turned down engine driven fuel pump $\frac{1}{4}$ turn and turned up turbo controller $\frac{1}{4}$ turn.
- AD 2008-14-07 C/W by inspection of fuel injector lines. Due at next annual, 707.0 Hobbs/AFTT or any service that affects fuel injector lines.
- AD 2009-02-03 Reviewed and determined to be N.A. by date but torque checked servo plug as good practice and found tight.
- AD 84-26-02 Due at Hobbs/AFTT or 1,052.0 or earlier if paper air filter becomes to dirty.
- AD's checked and in compliance through 2009-14F.

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

Bruce Allan Bell A&P I.A. 519805262

Bruce Allan Bell

September 25, 2010

BELL AVIATION SERVICE

P.O. Box 4971
Phone: 661 718 9671

Lancaster, California 93539
Aircrfixr@aol.com
A&P I.A. 3444107

N595TC Engine Log
Avco Lycoming TIO-540-AG1A S/N I-9629-61A
Engine total time and Hobbs: 607.3

Annual inspection completed in accordance with Appendix D to Part 43.

- Compression test #1 78/80, #2 77/80, #3 76/80, #4 76/80, #5 73/80, and #6 77/80.
- AD 2008-14-07 Complied with by inspection of fuel injector lines and clamps per paragraph (k). Paragraph (j) due at 707.3 or at any service that affects fuel injector lines.
- All Airworthiness Directives are in compliance through 2010-18F
- Engine run up for operation check and leak check.

I certify that this **engine** has been inspected in accordance with an annual Inspection and was found to be in an airworthy condition.

Bruce Allan Bell A&P I.A. 3444107

Bruce Allan Bell

March 4, 2012

BELL AVIATION SERVICE

BRUCE ALLAN BELL
44401 Benald Street, Lancaster, California 93535

Phone: 661 718 9671

Airerfixr@aol.com

A&P 3444107 I.A.

N595TC

AVCO Lycoming Model: TIO-540-AG1A S/N: L-9629-61A

Total Time: 610.5 Hours.

Annual inspection performed per Scope and Detail of Appendix D to Part 43.

- Engine oil drained and sample collected for laboratory analysis. Oil screen removed for inspection, cleaned and reinstalled with new gasket. Oil tank refilled with 10 quarts of Exxon Aviation Oil Elite 20W-50. Old oil filter removed and cut open for inspection. Nothing abnormal noted. Installed new oil filter Champion P/N CH48110-1-2 installed.
- Removed all spark plugs, cleaned, gapped, spark tested and reinstalled with new M674 gaskets.
- Compression Test: #1 76/80 #2 77/80, #3 78/80, #4 75/80, #5 78/80, #6 75/80.
- Solvent washed engine and cowling.
- Engine ground run and operation checked. All checked satisfactory.
- Complied with Lycoming repetitive fuel injector line AD 2011-26-04 by inspection per paragraph (i) and MSB No. 342F. Paragraph (h) due in 100 hours at AFTT: 610.5
- All airworthiness directives are in compliance through 2012-4

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Bruce Allan Bell A&P 3444107 I.A. *Bruce Allan Bell* 03/04/2012

BELL AVIATION SERVICE

BRUCE ALLAN BELL A&P 3444107 I.A.
1150 CHAGAL AVE. LANCASTER, CALIFORNIA. 93535

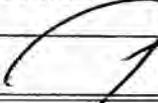
N595TC Commander Model: 114TC S/N: 20005
Engine Lycoming Model: IO-540-AG1A S/N: L-9629-61A
August 27, 2013 Hobbs & Engine Total Time: 611.1

Annual inspection performed Scope and Detail of Appendix D to Part 43.

- Oil drained and sample collected for laboratory analysis. Remove oil filter and cut open for inspection. Oil pump inlet screen removed for inspection. Nothing abnormal noted. Install new Champion oil filter P/N CH48110-2 (08-00909) and refill the engine with 10 quarts of Exxon Elite 20w-50 oil.
- Spark plugs cleaned, gaped, spark tested, and reinstalled with new M674 gaskets.
- AD 2011-26-04 complied with by inspection per paragraph (i) and MSB No. 342F. Next due at annual or any time fuel injector lines are affected by maintenance or hobbs: 711.1
- AD 2004-10-14C not due at this time. No propeller strike.
- AD 2012-19-01 not applicable by engine build date.
- Compression Test. #1 74/80, #2 78/89, #3 78/89, #4 70, #5 75/80, #6 78/80.
- Engine ground run, operation and leak checked satisfactory.
- Airworthiness Directives are in compliance through 2013-17.

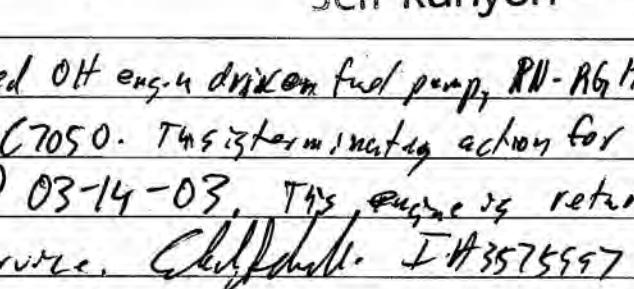
I certify that this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Bruce Allan Bell A&P 3444107 I.A.

Bruce Allan Bell

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
	ACFT Model: Commander 114TC			GIBBS SERVICE CENTER Date: 3-21-2014
	Serial No.: 20005			Montgomery Field, San Diego, CA 92123 W.O. No.: 15615
	Reg. No.: N595TC			FAA Approved Repair Station VT3R931L TET: 612.1
	Eng. Mfg.: Lycoming			Eng. Model: TIO-540-AGIA Eng. S/N: L-9629-61A
	SMOH: N/A			Hobbs: 612.1 Airframe: 612.1
	Annual inspection completed per the Commander Aircraft Co., 114TC AMM, 50 hr/ 100 hr Inspection Checklist, Rev A. Removed number 5 cylinder baffle. Fabricated 2 stainless steel baffle patches and installed with rivets and screws. Drained oil, inspected and replaced oil filter. Serviced engine 11qts A/S 15W-50 oil. Set magneto timing. Engine run-up OK, no leaks. Compression checked as follows: 1-74/ 80, 2-72/ 80, 3-75/ 80, 4-72/ 80, 5-73/ 80, 6-72/ 80. C/W AD 2011-26-04, Fuel Lines, next due 712.1. AD notes checked and are current 3-17-2014. ATP Navigator Content Revision: 3-19-2014.			
	The aircraft and/or component identified above repaired/replaced and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the repair/replacement are on file at this agency under Order No. 15615			
	Date: 3-21-2014	Signed:		 INSP

Jeff Runyon

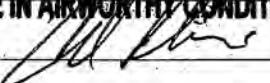
3-26-15 T-687.5

Furnished OH eng. 4 driven fuel pump, PN-RG179804/M
 SW-C7050. This terminating action for
 AD 03-14-03, The engine is returned
 to service.  IA3575997

4/7/2015 T-688.5 ETT-688.5 100 hr/Annual Inspection

Compression test: 72, 70, 74, 76, 74, 72/80

Removed all sparkplugs , inspect, clean, gap and reinstall all sparkplugs. Changed oil and filter. Serviced with 10 quarts of AeroShell 15w50 oil and a CH48110-1 oil filter. Checked magneto timing to 20 degrees. Inspected intake and exhaust systems. Cleaned and oiled engine air filter. Check all belts, hoses, and engine mount for condition and wear. Ran engine to full power and checked all systems. All checks were normal at this time. All work performed IAW FAR43, Appendix D and AC43.131B/2A and applicable maintenance manual. This engine is returned to service.
 Charles Schandelmeier, IA3575997

I CERTIFY THAT THIS Engine HAS
 BEEN INSPECTED IN ACCORDANCE WITH A
100 hr/Annual INSPECTION AND WAS FOUND
 TO BE IN AIRWORTHY CONDITION.


19 June 2015

TACH: 0712.4

Removed #1 vacuum pump, Airbourne 212CC, s/n 6AL2019. Installed new Sigma-Tec 1U128-006 s/n T44595H. Ran engine for operational and leak checks. Operational check good. No leaks noted at this time.


Mark E Twining A&P 18486682

N595TC

ENGINE LOG ENTRY

SUB-TOTALS this page

TOTALS—Carry forward to next page

