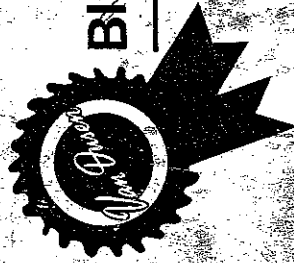


LT. ENG.

2701A

2701A



Blue Ribbon Engine

VAN DUSEN TECHNICAL SERVICES

Piston Products
1701 East Main Street
Griffith, IN 46319

(219) 924-7110

The Standard

XX-ENGINE LOG

ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Tradewind Aviation Maintenance

New Bern, NC 28562

Completed Annual Inspection I/AW FAR 43 Appendix D. Washed, lubed, and inspected controls. Drained oil, opened filter for inspection, no metal noted. Installed a new filter P/N CH48108-1 & serviced engine with 11 qts. 15W50 oil. Washed engine with solvent. Checked compression; see results in L/H column. Checked mag timing. Cleaned and regapped all spark plugs. Cleaned, inspected, & flow checked fuel injectors. Replaced clamp on de-ice harness P/N MS21919WJG8. Replaced wastegate clamp w/P/N 2274-70. Run-up normal; no discrepancies noted. Released for service. END.

I certify that this engine & propeller has been inspected I/AW an Annual Inspection and is determined to be in airworthy condition.

T
A
R

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

19__

ACFT

DATE

TTAF

TSOH

Previous

Engine TTSN

Compression:

#1- 64/80 #2- 68/80

#3- 66/80 #4- 64/80

#5- 73/80 #6- 73/80

L/H Engine

Total correct Tach
@ annual = 234.0

ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Tradewind Aviation Maintenance

New Bern, NC 28562

Installed an O/H vac pump w/gasket P/N 442CW, S/N 122799 ops checked normal during run-up. Installed a new timer P/N 9910285-1, S/N 80626710 and ops checked normal. Released for service.

AUTH SIGN:

Ricky Hawkins

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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ACFT

DATE

Tach

06/08/06

293.0

FAA FORM 8130-2
Airworthiness Approval
User/Installer Res
It is important to understand
of this Document
constitute auth
nent/asser

Aero Structures, Inc
4765 Frank Luke Drive
Addison, TX 75001
Ph 972-267-2376
Fax 972-267-2377

N2701A Cessna 340A S/N- 340A-0796 Hobbs- 290.7 ATT- 3805.1
L/H- TCM TSIO-520-NB S/N- 234046R SMOH- 1029.7
Performed engine compression check: 1367/80, 2160/80, 3174/80, 4166/80, 5172/80, 6166/80.
Reinstalled vacuum pump after replacing oil seal P/N: 25102, and gasket P/N: 653487. Installed new push rod tube seals P/N: 534610,
24ea. Replaced valve cover gaskets with new P/N: 534857, 6ea. Installed new negative terminal alternator boot P/N: MS25171-3S.
Checked magneto to engine timing, OK. Cleaned fuel injector nozzles and installed new gaskets. Cleaned and re-installed fuel meter
screen with new gasket. Replaced waste gate seals P/N: MS28775-012, 2ea. MS28775-014, 1ea. Replaced 2 missing screws in tach
generator cover. Adjusted idle speed and idle mixture. Cleaned air/oil separator. Drained oil, installed new CH48108-1 filter and serviced
engine with 12 quarts AeroShell 15W50. Test ran and leak checked. No leaks noted.
The work described above was performed and inspected in accordance with the current rules of the Federal Aviation Regulations and is
performed at station under Work Order Number: 050404

Aero Structures, Inc
4765 Frank Luke Drive
Addison, TX 75001
Ph 972-267-2376
Fax 972-267-2377

N808RA Cessna 340A S/N- 340A-0796 Hobbs- 290.7 ATT- 3805.1
L/H- TCM TSIO-520-NB S/N- 234046R SMOH- 1029.7
Complied with an annual inspection in accordance with FAR part 43 and 91.409 using the 100 hour checklist contained in the Cessna
340/340A Maintenance Manual.
The work described above was performed and inspected in accordance with the current rules of the Federal Aviation Regulations and is
performed at station under Work Order Number: 050404

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, DATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR PERSON. (SEE EACH PAGE FOR OTHER SPECIFIC INSTRUCTIONS)
	ACFT DATE Tach		N808RA 12/01/05 291.0	Tradewind Aviation Maintenance New Bern, NC 28562 Removed fuel control valve for overhaul by America's Fuel Systems, LLC. Reinstalled fuel control valve after O/H P/N 632916-11, S/N F137915A & ops checked normal (see yellow tag). Released for service. END. AUTH Ricky H
	ACFT DATE TACH		N808RA 04-28-06 291.0	Tradewind Aviation Maintenance New Bern, NC 28562 Drained oil and checked filter. Checked normal, no metal noted. Service engine with 11 quarts 15W50 Plus Aeroshell Oil and installed a new filter P/N CH48108-1 in engine. Washed engine with solvent. Run-up normal, no discrepancies noted. Released for service. END. AUTH Ricky H

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19				

N2701A Left Engine 100 Hour Inspection.
TSOQ20NB s/n 234046R with 1020.9 hrs TSOH
A/C HM reads 189.1 hrs.
WO# MA03-00584 Dated 7-8-03.

Inspected this engine using inspection form in the current maintenance manual.

1. Changed oil and filter. Cut oil filter open for inspection and found clean. Taken an oil sample. Serviced with 1 qt. of oil.
2. Compression test figures. #1-52 rings, 2-50 rings, 3-74, 4-73, 5-73 & 6-69 over 80.
3. Replaced propeller cable attachment at the governor end.
4. Inspected the engine exhaust system law AD2000-01-16 compliance table parts (b), (c), & (e). No defects found.
5. Removed both magneto for their 500 hour interval inspection. Units sent to the shop for inspection for the 500 hour interval inspection. Both units were found to be OK. Installed magneto pin 10-34920-1 s/n 8716130 in the left timing gear. Installed new ground wire to the left magneto retard P lead.
6. Cleaned and replaced spark plugs.
7. Tied up surface deice valve wiring.
8. Adjusted the propeller deice brush block to align the brushes correctly.
9. Washed down engine and inspected for oil leaks.
10. Cleaned fuel control fuel screen.
11. Lubricated engine control linkage.

IDENTIFY THIS Engine HAS BEEN INSPECTED
IN ACCORDANCE WITH A 100 Hour Inspection

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19				

Autopilots Central, Inc.

(918) 836-8418 - Fax (918) 832-0138
FAA CRS CM2R747K



Work Order: MA04-00794
A/C Number: (90) 260-5511
Department: Maintenance

Sold To: Autoline, LLC
P.O. Box 809
Idabel, OK 74745

General Comments: Contact is Buck Hill at cell # (580) 265-1980
Aircraft Number: N2701A Type: CESSNA 310A S/N: 340A0795
Total Time: 3,737.8 Hobbs Time: 223.4 Tech Time: 0.0 LG Cycles:
Engine Type: SN 24146R Prop Type: 24146R Prop S/N: 72652
1. TSOQ20NB 10812 24146R 72652
2. TSOQ20NB 31517 24146R 72652

Problem: Change LH engine oil and filter, service with Aeroshell 15W50.
Inspected oil filter.
Oil: Aeroshell 15W50
Oil SOAP.

Action Taken: Change oil and filter. SOAP mailed 2/27/04

DATE 1985	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
3-9-00		4th		3, 4 Total 3495.2 SMH 541.2
				Changed oil & filter. Serviced with Amsted
		15		Choked, gapped & treated sparkplugs.
		Compression		Measured #1, 2, 3, 4, 5, 6 #1 75 #2 75 #3 75 #4 75 #5 75 #6 75
		#6		Replaced injection valve on #5 cylinder.
				I certify that this aircraft has been
				inspected in accordance with a check
				inspection and was approved for return
				to service
04-24-01	774ch-72.6			TSN 86614 Remove Top Plug & Run Compression 1.80 #2 75 #3 75 #4 75 #5 75 #6 75 Remove all plugs & cleaned changed. Changed oil & filter with Motul ASX1050, LIO New Oil & Fuel Hoses by Accell. C/W AD 2000-1-16 by Repaired & Exhaust From Spigot To Turbo & vent for checked by Dawley Avionics. Also replaced Rith Sides Q-200 Assys. Replaced Turbo with Exchange unit P/N 467810-97001. Install All new Rith Sides on Exhaust.

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
				Chd all Controls for Operation of condition. All Systems OK
				at this Time. Philip Brown 4425244A.
				Date 4-24-01 Tach 226
				I certify that this aircraft was
				inspected in accordance with a 100% inspection and was determined to be in airworthy condition. All AD's C/W to
04-08	15m. 938.1			Habbs 100.3
				Removed both Plug & con Comp. #1 75 #2 75 #3 75 #4 75 #5 75 #6 75
				Inspected exhaust system. Checked all engine controls. removed
				all injectors. cleaned & reinstalled using new O-rings. removed
				Alternator. Installed new clutch Assy. P/N # 648934
				Installed Ruman 1511-# 55102. Changed oil & filter. Serviced
				with 12 qts. MS 15W50. Last run engine checked for
				leaks