





















ENGINE LOGBOOK ENTRY

Lancair Columbia 300

Tail #: N300TL S/N: 40067

Teledyne Continental Motors IO-550-N, S/N 686330

Hobbs Time/ TTAF/ TSNew: 1561.0 Hrs.

Squawk: Oil and Filter change due.

Corrective Action: Drained engine oil and removed oil filter. Cut and inspected filter for contaminants, none found. Installed "New Serviceable" oil filter, P/N CH48109-1, torqued and safetied. Serviced engine with 8 qts. Exxon Elite 20W50 oil. Performed post oil change run, leak check, none found.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at IA's FBO under Work Order # 10-203IA.

Chris P. Jewell *Ch. P. Jewell*

AP3066835IA

May 11<sup>th</sup>, 2010

END

*Accurate Aviation*

Santa Barbara, CA

204 Moffett Place, Goleta CA. 93117 (805) 967-4293



ENGINE LOGBOOK ENTRY

Lancair Columbia 300

Tail #: N300TL S/N: 40067

Teledyne Continental Motors IO-550-N, S/N 686330

Hobbs Time/ TTAF/ TSNew: 1618.9 Hrs.

Squawk: Engine Due For Annual Inspection

Corrective Action: Completed Annual inspection, service and repairs as follows: Repaired forward engine baffling attachment brackets A/R. Drained oil, removed, cut open & inspected filter, found normal. Installed new oil filter P/N CH48109-1 & serviced engine with 8 Qts. Exxon elite 20W-50. Cleaned, gapped and tested spark plugs. Pressure tested exhaust system, removed L/H exhaust manifold due to flange leakage, resurfaced flanges & reinstalled with new gaskets P/N SA628260. Compressions checked as follows: #1 70/80 #2 76/80 #3 74/80 #4 74/80 #5 69/80 # 6 55/80 (ring leak). Reset magneto timing to 22 degrees, Magnetos have 1618.9 since new & 107.7 since 500 hour inspection. Performed post inspection engine ground run-up, operational check and leak check satisfactory. For further details see Cessna 300 (LC40-550FG) inspection report. All work completed referencing appropriate maintenance & service manuals. Airworthiness Directive Biweeklies checked through 2010-21.

I certify this Engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition. Pertinent details of the work are on file at this FBO under Work Order # 10-512IA.

Glenn Fuller *Glenn Fuller*

A&P 3493937 IA

October 25, 2010

END

Brought

*Accurate Aviation*  
Santa Barbara, CA

101 Hartley Place Goleta, CA. 93117 (805) 770-2500

**ENGINE LOGBOOK ENTRY**

REG: N300TL

LANCAIR: LC40-550FG S/N: 40067

TCM: IO-550-N S/N: 686330

Hobbs Time: 1664.9

Squawk: Engine due for oil change.

Corrective Action: Drained oil, removed, cut open & inspected oil filter, found normal. Installed new filter P/N CH48109-1 and serviced engine with 8 Qts. of Exxon Elite 20W-50. Performed ground run/leak check, checked satisfactory.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this FBO under Work Order # 11-189IA.

Glenn Fuller

A&P 3493937

May 26, 2011

END

*Accurate Aviation*  
Santa Barbara, CA

101 Hartley Place Goleta, CA. 93117 (805) 770-2500

**ENGINE LOGBOOK ENTRY**

REG.#: N300TL

LANCAIR: LC40-550FG S/N: 40067

TCM: IO-550-N S/N: 686330

Hobbs Time: 1705.9

Squawk: Engine due for oil change.

Corrective Action: Drained oil, removed, cut open & inspected oil filter, found normal. Installed new filter P/N CH48109 and serviced engine with 8 Qts. of Exxon Elite 20W-50. Performed ground run/leak check, checked satisfactory.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this FBO under Work Order # 11-266IA.

Glenn Fuller

A&P 3493937

August 5, 2011

END

ENGINE MODEL: IO-550-N  
ENGINE S/N: 686330  
REG. NO. N300TL  
WORK ORDER: 11-377IA

**Accurate Aviation Group Inc.**

101 Hartley Place  
Goleta, CA 93117  
Phone: (805) 770-2500

DATE: 11/14/2011  
A/C TSN: 1752.2  
ENG TT: 1752.2  
HOBBS: 1752.2

**Engine Entries**

(11) Engine due for Annual Inspection... Completed Annual Inspection, service and repairs as follows: Compressions checked as follows: #1 74/80 #2 64/80 #3 74/80 #4 75/80 #5 72/80 #6 56/80 (Ring Leak)... (12) Engine due for oil change... Drained oil, removed, cut open & inspected oil filter, found normal, installed new oil filter P/N CH48109-1 and serviced engine with 8 Qts. Exxon Elite 20W/50... (13) Fuel injectors due for cleaning... Cleaned & inspected fuel injectors, replaced one injector nozzle P/N 65312-12E & reinstalled injectors with new O-Rings P/N 630979-9 & new washers P/N 640612... (14) Found all spark plugs worn & due for replacement... Replaced all spark plugs with new Champion plugs P/N RHB32E... (15) Pressure tested exhaust system & found exhaust leak at riser to cylinder head connection on cylinder #5... Removed R/H exhaust manifold, cleaned surfaces, resurfaced flanges & reinstalled manifold with new no-blow gaskets P/N RA628260... (16) Magneto to engine timing needs to be reset... Reset magneto timing to 22 degrees BTDC, Magnetos have 1752.2 since new & 241.0 since 500 hour inspection... (17) Post inspection engine ground run, operational & leak check satisfactory. Checked AD Biweekly's through 2011-23. For further details see Cessna inspection report. All work completed referencing appropriate maintenance and service manuals.

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Pertinent details of the work are on file at this FBO under work order No 11-377IA.

DATE: 11/14/2011

SIGNED:

Glenn Fuller A&P 3493937A

Work Order: 11-377IA

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Brought For

ENGINE MODEL: IO-550-N  
ENGINE S/N: 686330  
REG. NO: N300TL  
WORK ORDER: 11-416IA

**Accurate Aviation Group Inc.**

101 Hartley Place  
Goleta, CA 93117  
Phone: (805) 770-2500

DATE: 12/22/2011  
A/C TSN: 1780.6  
ENG TT: 1780.6  
HOBBS: 1780.6

**Engine Entries**

(1) Engine due for oil change... Drained oil, removed, cut open & inspected oil filter, found normal, installed new filter P/N CH48109-1 and serviced engine with 8 Qts. Exxon Elite 20W/50. Performed ground run/leak check, found satisfactory.

**Maintenance Release**

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this FBO under Work Order No. 11-416IA.

DATE: 12/22/2011

SIGNED: 

Work Order: 11-416IA

Glenn Fuller, A&P: 3493937

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-N  
ENGINE S/N: 686330  
REG. NO: N300TL  
WORK ORDER: 12-071IA

**Accurate Aviation Group Inc.**

101 Hartley Place  
Goleta, CA 93117  
Phone: (805) 770-2500

DATE: 4/6/2012  
A/C TSN: 1780.6  
ENG TT: 1780.6  
HOBBS: 1811.6

**Engine Entries**

(2) Owner reports #5 EGT reading erroneous on EDM... Troubleshoot system. Replaced probe with new P/N M-111. Ops check satisfactory.

**Maintenance Release**

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this FBO under Work Order No. 12-071IA.

DATE: 4/6/2012

SIGNED: 

Work Order: 12-071IA

Jessica Martin, A&P: 3403375

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*Accurate Aviation*

Santa Barbara, Ca

101 Hartley Place Goleta, CA. 93117 (805) 770-2500

**ENGINE LOGBOOK ENTRY**

REG.#: N300TL

LANCAIR: LC40-550FG S/N: 40067

TCM: IO-550-N S/N: 686330

Hobbs Time: 1882.3 Total Time Since New 1882.3

**Squawk:** Owner reports high oil consumption.

**Corrective Action:** Trouble shot. Found crankcase pressurizing & blowing oil out of crankcase breather due to blow by past piston rings. Removed engine from Lancair N300TL, S/N 40067 for overhaul.

Pertinent details of this work are on file at this FBO under Work Order 12-162IA

Glenn Fuller



A&P 3493937

September 10, 2012

END LOG, SEE ENGINE LOG #2