

WO#: 2015 00287

RMS
Resource Maintenance System
Work Order
Talon Systems

Date Started: 05/26/15

Date Completed: 05/29/15

Reg#:	793L (2014)
AC S/N:	1409-2014
MFG:	ACA
Model:	7ECA
A/C Tach Time:	469.3

A/C Total Time:	469.3
RT Eng. T.T.:	
RT Prop. T.T.	
LT Eng T.T.:	469.3
LT Prop T.T.:	469.3

12) Magneto Inspection - RH (500 Hr.)

Aircraft / Arfrm:

Removed RH magneto, model 4372, s/n 13110172 from engine. Disassembled, Cleaned, Performed 500 Hour Inspection, Replaced Distributor Block Assembly w/New P/N: K3822, and Re-Assembled IAW Champion Master Service Manual F-1100 Champion 4300/6300 Series Maintenance and Overhaul Manual L-1363F. Tested Magneto and Impulse Coupling for Operation and Found Airworthy. Re-installed Magneto on engine w/New Mounting Gaskets LW12681 and SL62224 and New P-Lead Insulation Boot MS25171-1 and timed magneto to 20 degrees BTC IAW Lycoming O-235 OM. Joshua Lyon

13) Pilots, right side, brake inter-connect plate attach screw loose at peddle.

Aircraft / Arfrm:

Tightened screw attaching brake inter-connect plate to side of peddle on pilots right side rudder peddle. Barry Vance

14) Rudder connecting rod attach clevis screws loose, wobbling in holes.

Aircraft / Arfrm:

Tightened clevis bolts connecting rudder connecting rod to pilot and co-pilot rudder peddles to remove wobble movement in clevis bolt. Re-safetied with cotter pins. Barry Vance

15) Rudder/tail wheel control arm loose.

Aircraft / Arfrm:

Removed rudder from aircraft. IAW American Champion maintenance manual 4-5. Inspected rudder/tailwheel control arm attachment to rudder frame. Found the two AN3-13A attach bolts loose. Tightened nuts/bolts to 20-25 in./lbs IAW AC43-13-1b, table 7-1. Installed rudder onto aircraft IAW American Champion maintenance manual 4-24. Barry Vance

16) upper rudder hinge bolt worn.

Aircraft / Arfrm:

Replaced AN23-40 upper rudder hinge bolt with new AN23-40 upper rudder hinge bolt during rudder removal and installation. IAW American Champion maintenance manual 4-5 and 4-24. Barry Vance

WO#: 2018 00244

RMS

Resource Maintenance System

Work Order

Talon Systems

Date Started: 05/07/18

Date Completed: 05/07/18

Reg#: 793L (2014)
 AC S/N: 1409-2014
 MFG: ACA
 Model: 7ECA
 A/C Tach Time: 1442.0

A/C Total Time: 1442.0
 RT Eng. T.T.:
 RT Prop. T.T.:
 LT Eng T.T.: 1442.0
 LT Prop T.T.: 1442.0

Description of Work to be Performed

- 1) Rubber from Tire on Rudder, and Rudder Fabric Wrinkled at Bottom
- 2) Tailwheel Castering Head Catching On Only One Side

Maintenance/Repairs Performed

- 1) Rubber from Tire on Rudder, and Rudder Fabric Wrinkled at Bottom

Aircraft / Arfrm:

Removed Tail Landing Gear Springs, Removed and Replaced Rudder Assembly with Serviceable P/N: 4-1698 Removed and Inspected Off of N798L, Steering Arm and Springs from N798L Also Installed, Replaced Rudder Lower Bearings with New P/N: B34PS, Replaced Rudder Bushings with New P/N: 1-3737-1, Replaced Rudder Attach Bolts with New P/N: AN23-40 Replaced Rudder Cable Attach Bolts with New P/N: AN23-10, Re-Installed Tail Landing Gear Springs with New Fabrika Pad P/N: 1-557-1 IAW ACA 7ECA SM. Joshua Lyon

- 2) Tailwheel Castering Head Catching On Only One Side

Aircraft / Arfrm:

Removed and Replaced Tailwheel Castering Assembly, Wheel, Tire and Tube with Serviceable P/N: 3200 2.80X2.50-4 as Removed and Inspected from N798L IAW ACA 7ECA SM.

Labor

Joshua Lyon

Total Labor Hours:

Parts Used

Qty	Part#	Description	Serial#	Cost	Sub Total
2	B34PS	Bearing, elevator hinge			
1	1-557-1	Tail Skid, Leaf Spring Pad			
2	AN23-40	Bolt, elevator hinge			
4	1-3737-1	Bushing, Bronze, ACA hori, rudder hinge			

Parts Removed

Part #	Description	Serial #
1-557-1	Tail Skid, Leaf Spring Pad	
AN23-40	Bolt, elevator hinge	

Technician ReleaseBuy Back ☐ Test FLT ☐ Tech Signature: _____ Tech#: _____**Work Order Totals**

Labor
 Parts

TOTAL:

Maintenance Release

The aircraft, airframe, aircraft engine/powerplant, propeller/rotor or appliance identified above, was repaired and/or inspected in accordance with the current Regulations of the Federal Aviation Administration.

Date: _____ Signed: _____

200 Airpark Dr, E. TX. Reg. Airport, Longview, TX 75603-7061 FAA Cert # _____ not set

Preliminary Inspection

Inspector
 Date

WO#: 2018 00251

RMS

Resource Maintenance System

Work Order

Talon Systems

Date Started: 05/10/18

Date Completed: 05/10/18

Reg#: 793L (2014)
AC S/N: 1409-2014
MFG: ACA
Model: 7ECA
A/C Tach Time: 1450.1

A/C Total Time: 1450.1
RT Eng. T.T.:
RT Prop. T.T.:
LT Eng T.T.: 1450.1
LT Prop T.T.: 1450.1

Description of Work to be Performed

1) Rudder Fabric Wrinkled

Maintenance/Repairs Performed

1) Rudder Fabric Wrinkled

Aircraft / Airframe:

Cut Fabric From Bottom of Rudder to Next Structural member Angle Up, (Rudder Originally Off of N793L P/N: 4-1698) Inspected Welded Tubing Structure In Lower Portion of Rudder and Found Bottom Frame Piece Slightly Bent, but No Other Damage. Re-Covered and Painted Exposed Portion of Rudder with Superflite SF102, 102 Pinked Surface Tape, U500, System 7 Primer and System 7 Urethane TopCoat IAW Superflite System 7 Aircraft Recovering Manual. Removed Red Commemorative Rudder Assembly with Steering Arm and Springs to Re-Install on N798L. Installed Rudder, Steering Arm and Springs Originally Off of N793L P/N: 4-1698 After Inspection and Repair IAW ACA 7ECA SM. Barry Vance, Joshua Lyon.

Labor

Total Labor Hours: [REDACTED]

Technician ReleaseBuy Back ☐ Test FLT ☐ Tech Signature: _____ Tech#: _____**Maintenance Release**

The aircraft, airframe, aircraft engine/powerplant, propeller/rotor or appliance identified above, was repaired and/or inspected in accordance with the current Regulations of the Federal Aviation Administration.

Date: _____ Signed: _____

200 Airpark Dr, E. TX. Reg. Airport, Longview, TX 75603-7061 FAA Cert # _____ not set

Work Order TotalsLabor
Parts

TOTAL: [REDACTED]

Preliminary Inspection

Inspector

Date

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N793L

05/10/2018

Nationality and Registration Mark

Date

Tach: 1450.1

AFTT: 1450.1

Cut Fabric From Bottom of Rudder to Next Structural member Angle Up, (Rudder Originally Off of N793L P/N: 4-1698) Inspected Welded Tubing Structure In Lower Portion of Rudder and Found Bottom Frame Piece Slightly Bent, but No Other Damage. Re-Covered and Painted Exposed Portion of Rudder with Superflite SF102, 102 Pinked Surface Tape, U500, System 7 Primer and System 7 Urethane TopCoat IAW Superflite System 7 Aircraft Recovering Manual. Removed Rudder Assembly with Steering Arm and Springs from n793L to Re-Install on N798L. Installed Rudder, Steering Arm and Springs Originally Off of N793L P/N: 4-1698 After Above Mentioned Inspection and Repair IAW ACA 7ECA SM.

Barry Vance

End

☐ Additional Sheets Are Attached

Reg#: 793L (2014)
 AC S/N: 1409-2014
 MFG: ACA
 Model: 7ECA
 A/C Tach Time: 1925.8

A/C Total Time: 1925.8
 RT Eng. T.T.:
 RT Prop. T.T.:
 LT Eng T.T.: 1925.8
 LT Prop T.T.: 1925.8

Description of Work to be Performed

- 1) Grease Horizontal Stab. Tubes
- 2) Most Aft Vertical Tube Sheared Above Tail Gear Attach Point
- 3) Tail Wheel Tire Worn
- 4) Tail springs sprung

Maintenance/Repairs Performed**1) Grease Horizontal Stab. Tubes****Aircraft / Arfrm:**

Removed Horizontal Tail Feathers and Flying Wires, Cleaned, Inspected, Greased Horizontal Stabilizers, Inspected and Replaced Elevator and Rudder Bolts, Bushings, and Bearings with new P/N: AN23-40, 1-3737-1, B34PS. Re-Installed and Rigged Horizontal Tail Feathers and Flying Wires IAW ACA 7ECA SM. Joshua David Lyon

2) Most Aft Vertical Tube Sheared Above Tail Gear Attach Point**Aircraft / Arfrm:**

Removed Tail Landing Gear, Rudder, Flying Wires, Both Elevators and Horizontals, and Associated Control Cables Attachments.
 Cut Fabric Back Enough to Weld Most Aft Lowest Weld Cluster at Tail Gear Spring Attach.
 Cut Out Damaged Tubing and Spliced in ACA Tail Tubing Repair Kit P/N: 7-1470 SUB RK by Welding with Inner Sleeve Method IAW AC 43.13-1B Chapter 4 Paragraph 4-95. Weld Performed by Matt Poleman.
 Painted Bare Tubing with E90G 203 Primer for Corrosion Prevention. Repaired Cutout Fabric Area in Lower Aft Portion of Tail by Splicing in New SF102 Fabric and Tape Using U500 Adhesive. Painted Bare Fabric with 2 Cross Coats of SF7600/7500 Primer, Painted Royal Blue and Juneau White Topcoats to Match Original Paint Scheme. Fabric and Painting Work Done IAW Superflite System 7 Aircraft Recovering Manual. Barry Vance
 Re-Installed Horizontal Stabilizers, Flying Wires, Elevators, Rudder, and All Associated Flight Control Cables Attachments with All New Hardware, Bushings and Bearings IAW ACA 78ECA IPC, Re-Installed Tail Landing Gear IAW ACA 7ECA SM. Joshua Lyon
 Weight and Balance Change Negligible.
 See Airframe Log for Test Flight.
 See 337.

3) Tail springs sprung**Aircraft / Arfrm:**

Removed sprung tail wheel leaf springs assy. p/n's 3-1543-4, -5 and -6 and installed new springs, p/n's 3-1543-4, -5 and -6 IAW ACA 7ECA MM, 6.7 and 6.18. Jacob Barnes

4) Tail Wheel Tire Worn**Aircraft / Arfrm:**

Removed worn tail wheel, p/n Scott 3200 2.80x2.50-4 and installed built up p/n Scott 3200 2.80x2.50-4, IAW Scott/ABI service instructions. Elaine Finney

Labor

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N793L

06/14/2019

Nationality and Registration Mark

Date

Tach: 1925.8

AFTT: 1925.8

Removed Aft Belly Panels, Rudder, Both Elevators, Both Horizontals, and Tail Gear. Cut Fabric for Access to Weld Bottom aft most Section of Airframe Tubing (Tail Gear U-Bolt Attach Bracket). Removed Damaged Section of aft most Vertical Tube and Tail Gear U-Bolt Attach Bracket.

Welded in 7-1470 SUB RK Tail Gear Attach Frame Repair Kit from American Champion IAW AC 43.13-1B Chapter 4 Par. 4-95 Splicing by Inner Sleeve Method. (Welded by Matt Poelman) Painted frame Repair Area with Sherwin Williams 2 Part Epoxy Primer E90 G 203.

Repaired Cutout Fabric Area with Triangular Dimensions 23" x 18" x 30" of Ceconite C-102 Fabric and C-102 Pinked 3" Surface Tape IAW Superflite System 7, Revised 2013, Appendix B (Repairs) and Other Pertinent Sections of Manual Pertaining to Attaching, Tightening, Taping, Coating and Painting. Painted with primer, SF7500-04, Juneau White ACA Red and Royal Blue, Superthane-01 Top coat.

Re-Installed Tail Gear with New Lock Nuts, R/H Horizontal Stabilizer (After Cleaning, inspecting and Lubricating Exposed Attach Tubes to Prevent Corrosion), R/H Elevator, L/H Horizontal and Elevator (After Cleaning, Inspecting and Lubricating Exposed Attach Tubes to Prevent Corrosion), Flying Wires, Tensioned Flying Wires, Installed Rudder, Elevator, and Trim Cables. Rudder and Elevator Attach Bolts, Bearings and Bushings were Replaced with New IAW ACA 7ECA IPC P/Ns. Adjusted Rudder, Elevator, Trim Travels and Tensions IAW ACA 7ECA SM Chapter 5 Table V-1. Re-installed Belly Panels.

Weight and Balance Change Negligible.

See Airframe Log Entry for Test Flight.

Barry Vance

End

☐ Additional Sheets Are Attached

WO#: 2019 00654

RMS

Resource Maintenance System

Work Order

Talon Systems

Date Started: 09/30/19

Date Completed: 09/30/19

Reg#: 793L (2014)
AC S/N: 1409-2014
MFG: ACA
Model: 7ECA
A/C Tach Time: 2062.0

A/C Total Time: 2062.0
RT Eng. T.T.:
RT Prop. T.T.:
LT Eng T.T.: 2062.0
LT Prop T.T.: 2062.0

Description of Work to be Performed

1) Felt like rudders were binding, then felt like play and slop.

Maintenance/Repairs Performed

1) Felt like rudders were binding, then felt like play and slop.

Aircraft / Airframe:

Inspected tail wheel assembly and lubricated. Found to operate normally. Jacob Barnes, Barry Vance

Labor**Technician Release**Buy Back ☐ Test FLT ☐ Tech Signature: _____ Tech#: _____**Work Order Totals****Maintenance Release**

The aircraft, airframe, aircraft engine/powerplant, propeller/rotor or appliance identified above, was repaired and/or inspected in accordance with the current Regulations of the Federal Aviation Administration.

Date: _____ Signed: _____

200 Airpark Dr, E. TX. Reg. Airport, Longview, TX 75603-7061 FAA Cert # _____ not set

Preliminary Inspection

Inspector

Date

WO#: 2021 00343

RMS

Resource Maintenance System

Work Order

Talon Systems

Date Started: 04/23/21

Date Completed: 04/23/21

Reg#: 793L (2014)
AC S/N: 1409-2014
MFG: ACA
Model: 7ECA
A/C Tach Time: 2772.8

A/C Total Time: 2772.8
RT Eng. T.T.:
RT Prop. T.T.:
LT Eng T.T.: 2817.6
LT Prop T.T.: 38.5

Description of Work to be Performed

1) Rudder bottom bowed and fabric loose

Maintenance/Repairs Performed

1) Rudder bottom bowed and fabric loose

Aircraft / Airframe:

Removed rudder to better inspect damage to under side of rudder. Bottom rudder frame member was bent upward. Delivered damaged rudder to Legend Cub for repair. Inspected all landing gear attach points, no discrepancies found. Installed serviceable rudder removed from N790L IAW ACA 7ECA SM. Taylor Whitney SII: Yoshitaka Yoshiyasu

Labor**Parts Used**

Qty	Part#	Description	Serial#	Cost	Sub Total
2	AN23-40	Bolt, elevator hinge			
2/4	1-3737-1	Bushing, Bronze, ACA hori, rudder hinge			
2/4	1-3737-1	Bushing, Bronze, ACA hori, rudder hinge			

Technician ReleaseBuy Back ☐ Test FLT ☐ Tech Signature: _____ Tech#: _____**Work Order Totals**Labor
Parts

TOTAL:

Maintenance Release

The aircraft, airframe, aircraft engine/powerplant, propeller or appliance identified above, was repaired/serviced IAW the current Regulations of the Federal Aviation Administration.
I certify this airframe/aircraft has been Inspected IAW with a 100 Hour/Annual inspection and was determined to be in Airworthy Condition

Date: _____ Signed: _____

200 Airpark Dr, E. TX. Reg. Airport, Longview, TX 75603-7061 FAA Cert # _____ not set

Preliminary InspectionInspector
Date

Reg#: 793L (2014)
 AC S/N: 1409-2014
 MFG: ACA
 Model: 7ECA
 A/C Tach Time: 2784.0

A/C Total Time: 2784.0
 RT Eng. T.T.:
 RT Prop. T.T.:
 LT Eng T.T.: 2828.9
 LT Prop T.T.: 49.8

Aircraft / Arfrm:

Zip-tied wire bundle in cabin to RH cabin heat cable. Emmaline Wood.

25) Cabin, RH co-pilot foot plate, loose screw.

Aircraft / Arfrm:

Tightened RH co-pilot foot plate screw. Emmaline Wood.

26) Cabin, sidewall chaffing against RH rudder cable.

Aircraft / Arfrm:

Applied chaff tape to RH sidewall to prevent further cable rubbing. Emmaline Wood.

27) Clean Lower Spark Plugs (50 Hr.)

Engine/Pwrplnt:

Removed Cleaned, Inspected, Gapped, Tested and Re-Installed Lower Spark Plugs IAW Tempest Maintenance Instructions and Lycoming O-235-K2C OM/SSP-1776. Yoshitaka Yoshiyasu

Ran Engine, Ops Check Good. Yoshitaka Yoshiyasu

28) Clean, lower cowling.

Clean/Polish:

Cleaned lower cowling. Yoshitaka Yoshiyasu

29) Cylinder Compression Check (100 Hr.)

Engine/Pwrplnt:

Cylinder Compressions are as follows: 1) 74/80, 2) 76/80, 3) 71/80, 4) 74/80. Lycoming Service Instruction 1191A and AC 43.13-1B Chapter 8 Section 1 Paragraph 8-14. Emmaline Wood, Yoshitaka Yoshiyasu

30) Empennage, removed elevator interconnect bushing for use on N798L (p/n:1-2669)

Aircraft / Arfrm:

Removed and replaced elevator interconnect bushing. IAW: ACA 7ECA SM 4-22. Ryan Ferkel

31) Empennage, Removed rudder to install repaired rudder from Legend Cub

Aircraft / Arfrm:

Installed 2 new lower hinge bearings p/n: B34PS and original rudder control horn back on repaired rudder. Installed repaired rudder p/n: 4-1698 with new hinge bolts p/n: AN23-40. Cotter pinned rudder hardware and installed control cables and springs. IAW: ACA 7ECA SM 4-24. Ryan Ferkel SII: Taylor Whitney

32) Engine Oil Analysis (200 Hr.)

Engine/Pwrplnt:

Took an Engine Oil Analysis with Sample Kit p/n 1151. Yoshitaka Yoshiyasu

Reg#: 793L (2014)
 AC S/N: 1409-2014
 MFG: ACA
 Model: 7ECA
 A/C Tach Time: 3079.4

A/C Total Time: 3079.4
 RT Eng. T.T.:
 RT Prop. T.T.:
 LT Eng T.T.: 3363.4
 LT Prop T.T.: 3222.5

and bled breaks, ops check good. Josiah Wakefield

21) Rudder bearings misaligned.

Aircraft / Arfrm:

Replaced rudder bushings, bearings, and bolts. ref. ACA 7ECA MM Josiah Wakefield

22) Update Engine TSMO and TTIS in RMS

Engine/Pwrplnt:

Updated 1/04/2022 Engine TT 3363.4 Josiah Wakefield

23) Wheel, LH, main, readybuilt tire.

Aircraft / Arfrm:

Replaced LH main wheel tire assembly with built up tire assembly due to warped through bolts and none in stock currently. Reference WO# 2021-00963(g). Inflated tire to 24 PSI. Replaced backplate and pressure plate brake pads with new P/N APS66-10600 (x2). Performed work IAW ACA 7ECA SM and Cleveland Wheel and Brake Service Instructions. Emmaline Wood. SII: Austin Jones.

24) Wheel, main, RH, replace inner bearing.

Aircraft / Arfrm:

Replaced inner bearing due to scoring with new P/N 214-00200 (x1), replaced backplate and pressure plate brake pads with new P/N APS66-10600 (x2). Emmaline Wood.

Labor

Parts Used

J#: 793L (2014)
 C S/N: 1409-2014
 MFG: ACA
 Model: 7ECA
 A/C Tach Time: 3167.7

A/C Total Time: 3167.7
 RT Eng. T.T.:
 RT Prop. T.T.:
 LT Eng T.T.: 3451.7
 LT Prop T.T.: 3310.8

Aircraft / Arfrm:

Lubricated control stick attach points. Ethan Key.

10) Cabin, pitot/static line chafing on wires under glare shield**Aircraft / Arfrm:**

Installed spiral wrap to chaffing pitot static lines under Glareshield.
Austin Jones

11) Cabin, switch panel cracked near front seat audio jack**Aircraft / Arfrm:**

Repaired switch panel near front seat audio jack with a polycarbonate doubler. Front seat audio Jack OP's check good. Taylor Whitney

12) Cabin, tach light bezel wires chaffing on tach**Aircraft / Arfrm:**

installed spiwrap to tach light bezel wires at chafing area on back of tach. Ryan Ferkel

13) Clean Lower Spark Plugs (50 Hr.)**Engine/Pwrplnt:**

Removed Cleaned, Inspected, Gapped, Tested
Ethan Key

Re-Installed Lower Spark Plugs IAW Tempest Maintenance Instructions and Lycoming O-235-K2C OM/SSP-1776.
Josiah Wakefield

Ran Engine, Ops Check Good.
Taylor Whitney

14) Cylinder Compression Check (100 Hr.)**Engine/Pwrplnt:**

Cylinder Compressions are as follows: 1) 76/80, 2) 77/80, 3) 79/80, 4) 78/80. Lycoming Service Instruction 1191A and AC 43.13-1B Chapter 8 Section 1 Paragraph 8-14.
Austin Jones

15) ELT Registration (24 mos.)**Aircraft / Arfrm:**

ELT Registration Updated. Next due 01/11/2024. Mike Loverink

16) Empennage, tighten rudder horn hardware**Aircraft / Arfrm:**

Tightened rudder horn hardware IAW: ACA 7ECA SM 4-24. Ryan Ferkel, SII: Emmaline Doherty

17) Engine, Airbox has excessive play.**Engine/Pwrplnt:**

Removed and replaced carburetor airbox with serviceable re-built airbox P/N 4-1637. Reassembled all affected areas. Re-rigged carb heat valve and control attach/travels. Re-sealed carb heat control cable firewall passthrough with high temp RTV sealant. Emmaline Wood. Ethan key. SII: Austin Jones.

18) Engine

Broken baffle tab on starter.

Engine/Pwrplnt:

Removed and replaced LH fwd engine baffle to starter stud tab. Removed and replaced oil breather passthrough grommet with new P/N MS35489-20 (x1). Reassembled all affected areas. Emmaline Wood.

Reg#: 793L (2014)
AC S/N: 1409-2014
MFG: ACA
Model: 7ECA
A/C Tach Time: 166.0

A/C Total Time: 3957.2
RT Eng. T.T.:
RT Prop. T.T.:
LT Eng T.T.: 4241.2
LT Prop T.T.: 4100.3

Description of Work to be Performed

- 1) 100 Hour Inspection (100 Hr.)
- 2) AD 75-17-16
- 3) Annual Inspection (12 mos.)
- 4) Cabin, Tach light unplugged.
- 5) Cabin, compass missing light
- 6) Clean Lower Spark Plugs (50 Hr.)
- 7) Clean Primer Nozzle's
- 8) Clean, Gap, and Test Spark Plugs
- 9) Control Cable Tension Check (12 month)
- 10) Control Surface Travel Check (12 Mont)
- 11) Cylinder Compression Check (100 Hr.)
- 12) ELT 91.207d (12 mos.)
- 13) Empennage, all drag wires need tightening.
- 14) Engine Oil Change (50 Hr.)
- 15) Engine Oil Sump Screen Cleaning - Inspection (200 Hr.)
- 16) Engine, #1, #2 and #4 oil return lines leaking
- 17) Engine, Tach drive sending unit bad
- 18) Engine, airbox shaft bushings loose in housing
- 19) Firewall, Battery box strap torn off
- 20) Induction Air Filter (200 Hr.)
- 21) LH Wing, Aileron rod end attach hardware worn.
- 22) LH Wing, Coax cable hanging down in fuel gauge viewing window.
- 23) Landing Gear Bolt Replacement
- 24) Lubricate Fuel Caps
- 25) MLDG, Check RH Brake linings.
- 26) MLDG, check LH brake linings
- 27) Main Battery Capacity Check
- 28) RH Wing, Aileron rod end attach hardware worn.
- 29) Valve Tappet Clearance Adjustment (100 Hr.)

Maintenance/Repairs Performed

- 1) 100 Hour Inspection (100 Hr.)

Aircraft / Airfrn:

Performed a 100 Hour Inspection in accordance with a LeTourneau University Flight Operations ACA
7ECA 7GCAA 7GCBC 100 Hour / ANNUAL Inspection Checklist.
Josiah Wakefield

Engine/Powerplant:

Performed a 100 Hour Inspection in accordance with a LeTourneau University Flight Operations ACA
7ECA 7GCAA 7GCBC 100 Hour / ANNUAL Inspection Checklist. Taylor Whitney

Propeller/Rotor:

Performed a 100 Hour Inspection in accordance with a LeTourneau University Flight Operations ACA
7ECA 7GCAA 7GCBC 100 Hour / ANNUAL Inspection Checklist. Taylor Whitney

Reg#: 793L (2014)
 AC S/N: 1409-2014
 MFG: ACA
 Model: 7ECA
 A/C Tach Time: 166.0

A/C Total Time: 3957.2
 RT Eng. T.T.:
 RT Prop. T.T.:
 LT Eng T.T.: 4241.2
 LT Prop T.T.: 4100.3

Propeller/Rotor:

Performed a 100 Hour Inspection in accordance with a LeTourneau University Flight Operations ACA
 7ECA 7GCAA 7GCBC 100 Hour / ANNUAL Inspection Checklist. Taylor Whitney

2) AD 75-17-16**Aircraft / Arfrm:**

Complied with AD 75-17-16 by Inspection IAW AD 75-17-16 Paragraph C. Next Due AFTT:4,057.2
 Date:02-28-2025. Taylor Whitney

Engine/Pwrplnt:

Complied with AD 75-17-16 by Inspection IAW AD 75-17-16 Paragraph C. Next Due AFTT:4,057.2
 Date:02-28-2025.
 Josiah Wakefield

3) Annual Inspection (12 mos.)**Aircraft / Arfrm:**

Performed an ANNUAL Inspection in accordance with a LeTourneau University Flight Operations ACA
 7ECA 7GCAA 7GCBC 100 Hour / ANNUAL Inspection Checklist.
 Josiah Wakefield

4) Cabin, compass missing light**Aircraft / Arfrm:**

Installed Compass light P/N: GE330. Hunter Martin

5) Cabin, Tach light unplugged.**Aircraft / Arfrm:**

Plugged in tach light. Hunter Martin

6) Clean Lower Spark Plugs (50 Hr.)**Engine/Pwrplnt:**

Removed Cleaned, Inspected, Gapped, Tested and Re-Installed Lower Spark Plugs IAW Tempest/Champion
 Maintenance Instructions and Lycoming O-235-K2C OM/SSP-1776. Hunter Martin

Ran Engine, Ops Check Good.
 Hunter Martin

7) Clean Primer Nozzle's**Aircraft / Arfrm:**

Cleaned Primer nozzles IAW ACA 7ECA SM Section VIII. Hunter Martin

Clean, Gap, and Test Spark Plugs