

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

**QL AV**

CF-NIH

T.A.T.  
1344.0 HRS

Date:  
5 October 2016

Completed an annual inspection per CAR 625 app b & c using the Silvaire service manual as a guide.  
The following work was done in addition to the inspection:

- Engine oil replaced 20W50, screen cleaned
- Engine crankshaft seal replaced, 24321
- Fuel hose, gascolator to carb replaced, MIL-H-6000 3/8
- Aircraft reassembled, stripped, cleaned with Metal Prep, treated with Alodine and repainted
- Rudder control springs replaced, U08511-10
- Rudder hinge bracket replaced, 05-07830
- Rudder horn control cable holes rebushed with 4130 bushings
- Forward fin attach fitting p/n U28444 installed
- Aileron control cables replaced, U285014, U285015-L, U285015-R, pullies A-120
- Elevator trim aft cable replaced, U285040-10
- Flight and engine controls rigged
- Landing gear leg tubes treated with LPS3, primed, painted and reinstalled
- Oleo cleaned, painted, serviced and reinstalled
- Right venturi removed and hole plugged with snap plug.
- Firewall cover 750601 installed
- Pitot mast hole repaired with doubler as per AC43-13 .1B
- Right wing wiring replaced, M22759/16-18-9 and /16-14-9, and lamp 4509
- Nav light lamps replaced, 14V26W3407, and gaskets A1257A
- Left landing light lens replaced, made as per original
- Tail nav light replaced, 1156
- Right door lower hinge repaired
- Rudder pedal covers reglued
- Windshield LP Aero # 400 Gray installed
- Bottom cowl repaired with new section formed from 6061-T6
- Heat muff Aeroduct replaced, SCAT 8
- Oil pressure hose replaced, 111-4
- Air driven alternator 1008 installed as per Basic Aircraft Products STC SA3214SO
- Battery box, contactor 111-1400 and wiring installed as per parts and maintenance manuals
- VHF VAL 760 radio, jacks, and AV529 antenna installed as per installation manual
- PTT switches 11-09930 installed
- Fire extinguisher A344 installed
- Seat belts 13-00201 installed
- Wheel bearings cleaned and regreased, one bearing 13889, cup 13836, retainer 153-00500 replaced
- Propeller inspected as per CAR 625 App C6b, no faults found
- ELT ACK E01 installed as per installation manual
- New ELT batteries installed, due Oct 2018
- Tachometer tested accurate and compass swing completed
- Aircraft reweighed, Empty weight 847.6 lbs, CofG 14.2 inches aft of datum

Continued

ENG

13. Remarks:  
Export  
FAAPMA Spare Parts

INSPECTION, RE  
IES. DRAW A DIAGONAL LINE THROUGH

Continuation

The following AWDs were r

- CF90-03R2 F
- US 48-08-02
- US 51-10-02
- US 55-24-01
- US 79-25-05
- US 94-16-02
- US 96-24-11
- US 96-09-06
- US 2005-11
- US 46-36-0
- US 81-07-0
- US 95-21-1
- US 98-17-1
- US 2016-1
- FR F-2005
- CF 2005-4
- US 2003-1
- US 2005-14-11 Prop service

I have inspected the engine and flight controls the type.

Engine was ground run, all pressures and temp  
The maintenance described has been performed

N	30	60	E	12
00	29	60	90	12
S	210	240	W	30
178	208	238	269	30



## ENGINE LOG

1. Make CONTINENTAL
2. Model A65-8
3. Specification
4. Mfg. Serial No. 4951868
5. Reduction Gear Ratio 1:1
6. Date of Manufacture



# AIRCRAFT

1. Nationality and Registration

CF-NIH

2. Manufacturer's Designation

LUSCOMBE 8A

3. Type Approval or  
Specification Number

4. Manufacturer's Serial Number

3686

5. Date of Manufacture

SEPTEMBER - 1946



# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR
	HRS.	MIN.	HRS.	MIN.	
ROUGH FORWARD	→				

Date:

5 October 2016

## QL AV

CF-NIH

Completed an annual inspection per CAR 625 app b & c using the Silvaire service manual as a guide.

The following work was done in addition to the inspection:

- Engine oil replaced 20W50, screen cleaned
- Engine crankshaft seal 24321 replaced
- Fuel hose MIL-H-6000 3/8, gascolator to carb replaced

The following AWDs were noted at this time:

- CF90-03R2 Heat Muff inspection
- US 46-36-01 Piston pins
- US 81-07-06 Fuel pumps
- US 95-21-15 Avgas
- US 98-17-11 Crankshaft inspection
- US 2016-16-12 ECI cyl's
- FR F-2005-023 Engine O/H
- CF 2005-40 Non conformance

Inspected - no faults found

N/A by S/N

N/A, not installed

N/A, not US registered

N/A by date

N/A by engine size

N/A, not overhauled by Provence Aero

N/A, not maintained by BC Aero

Engine was ground run, all pressures and temperatures were within limits.

The maintenance described has been performed in accordance with the applicable standards of airworthiness.

*Reg Fleming* 11/24/16  
Signature & License



The maintenance described has been performed in accordance with the applicable standards of airworthiness.

*Reg Fleming*  
Signature & License

**QL 4V**  
CF-NIH

Date:  
19 June 2019

Completed an annual inspection as per CARs 625 App. B & C using the Silvaire service manual as a guide.  
The following work was done in addition to the inspection:

- Engine crankcase repaired and inspected by Crankcase Services Inc.
- Engine crankshaft, camshaft, connecting rods (qty 4), and tappet bodies (qty 8) repaired and inspected by Aircraft Engine & Accessory Co. Inc.
- Piston rings 640157A2P005 replaced on cyl #3.
- Cylinder base o-rings 21477 replaced.
- Accessory case gasket 652271 replaced.
- Main bearing set SA530058A4M10 and rod bearings SA639640M10 (qty 8) replaced.
- Intake pipe connection hoses 21185 (qty 8) replaced.
- Crankshaft oil seal 24321 replaced.
- Magneto gaskets 652239 (qty 2) replaced.
- Exhaust gaskets 632837 (qty 12) replaced.
- Engine reassembled and filled with 20W50 Type M engine oil.
- Engine installed on aircraft, all leads, hoses and wiring secured with MS21919series clamps as required, engine controls connected and rigged.
- Throttle control cable assembly A800-10-0373, rod end MCS1104-3 and bolt AN3-10 replaced.

The following AWDs were noted at this time:

- CF90-03R2 Part 1 Heat muff

Engine was ground run, all pressures and temperatures were within limits.  
The maintenance described has been performed in accordance with the applicable standards of airworthiness.

Inspected - no faults found

*Brandon Wells*  
Signature & License

CARRIED FORWARD



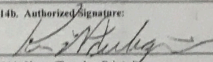
# MAINTENANCE RECORD

REPAIRS

ENTRIES, DRAW A DIAGONAL LINE

SIGNATURE

LICENCE  
NUMBER

1. Approving Civil Aviation Authority (Country): FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: CSI-26905		
4. Organization Name and Address: CRANKCASE SERVICES, INC. 14700 W. SHELL CREEK ROAD SAND SPRINGS, OK. 74063, H1HR0960					5. Work Order/Contract/Invoice Number: 26905		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	TCMA-65crankcase	C/N 6652/6651	1 EA	M/N 3	REPAIRED		
12. Remarks: THE PART IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CRANKCASE SERVICES, INC.'S F.A.A. APPROVED PROCESS CSI-2001 DATED DEC. 30, 1997. REPAIR DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. 26905							
13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: 		14c. Approval/Certificate No.: H1HR0960	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): KEVIN HEILIGER		14e. Date (dd/mm/yyyy): 17/Apr/2017	
<b>User/Installer Responsibilities</b>							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs 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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a 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.							



1. Approving Civil Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 109065	
4. Organization Name and Address: Aircraft Engine & Accessory Co., Inc., 2275 Crown Road, Dallas, TX 75229 (U11R533K)					5. Work Order/Contract/Invoice Number: See Block 12	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Camshaft	4546	1	184779	Repaired	
2	Crankshaft	A5334	1	20N16	Repaired	
3	Connecting Rod	A35160	4	n/a	Repaired	
4	Tappet Body	21608	8	DK62	Repaired	
5	Main Bearing Set	SA530058A4M10	1	C170114582	Inspected	
6	Rod Bearing	SA639640M10	8	H160110052	Inspected	
12. Remarks: When required, compliance to AD(s) and/or Service Bulletin(s) is indicated on the following work order no(s): 184779 184780 184781 184782 184783						

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12. Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approver/Authorization No.	14b. Authorized Signature: <i>Paul E. Skelton</i>	14c. Approval/Certificate Number: DART-705010SW
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): Paul Skelton	14e. Date (dd/mm/yyyy): 27-Apr-2017

### User/Installer Responsibilities

It is important to understand the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs 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 aircraft engines(s)/propeller(s)/articles(s) from the airworthiness authority of the country specified in Block 1.

Statements in Block 13a and 14a 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.

MAXIMUM HOURS



# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL	
	HRS.	MIN.	HRS.	MIN.
BROUGHT FORWARD	→			

**NOTE:** USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR

Date:

08 June 2020

**QL AV**

CF-NIH

Completed an annual inspection as per CARs 625 App. B & C using the Silvaire service manual as a guide.

The following work was done in addition to the inspection:

- Ignition upgrade kit K4334-40 installed on engine: magnetos Eisemann AM-4, ignition harness and spark plugs removed and replaced with new magnetos Slick 4333, ignition harness and spark plugs REM40E as per Unison SL2-94.
- Engine air filter BA-4108 replaced.

The following AWDs were noted at this time:

- CF90-03R2 Part 1 Heat muff

Engine was ground run, all pressures and temperatures were within limits.

Inspected - no faults found

The maintenance described has been performed in accordance with the applicable standards of airworthiness.

Bradford Wells M4496101

Signature & License



## PROPELLER LOG

1. Make McCawley.
2. Model 1B90C M.
3. Specification No. 33009
4. Date of Manufacture \_\_\_\_\_
5. Hub Serial No. \_\_\_\_\_
6. Blades
  - (a) Design No. \_\_\_\_\_
  - (b) Blade Serial Nos.
    - (i) \_\_\_\_\_
    - (ii) \_\_\_\_\_



Date:  
08 June 2020

## Equipment List CF-NIH

Item	Weight lbs	Arm inches
Engine A65-8	175.0	-32.0
Magnetos Slick 4333	9.3	-18.0
Propeller 1B90CM	21.0	-45.0
Cleveland Wheels DBM 6.00-6	31.0	3.0
Scott Tailwheel 3-24B	6.0	183.0
Alternator 1008	5.0	1.6
25 Amp battery	23.0	40.0
VHF comm radio Icom IC-A200	2.8	-9.0
Rami antenna AV-529	0.5	38.0
ELT Narco ELT10	3.1	40.0
ELT antenna	0.1	37.0
Fire extinguisher	2.7	-9.0



2 Oct 2016

771.4

TIME CORRECTION

Date:

5 October 2016

**QL AV**

CF-NIH

Completed an annual inspection per CAR 625 app b & c using the Silvaire service manual as a guide.  
Propeller inspected as per CAR 625 App C6b, no faults found  
The following AWDs were noted at this time:

- US 2003-13-17 Prop service
- US 2005-14-11 Prop service

The maintenance described has been performed in accordance with the applicable standards of airworthiness.

N/A, not serviced by T&W

N/A, not serviced by Southern Calif Prop

*Aug Fleming* 1724503  
Signature & License

T.A.T.  
1344.0 HRS

Date:

19 June 2019

**QL AV**

CF-NIH

Completed an annual inspection as per CARs 625 App. B & C using the Silvaire service manual as a guide.  
Engine was ground run, all pressures and temperatures were within limits.  
The maintenance described has been performed in accordance with the applicable standards of airworthiness.

*Braden Neels* M449619  
Signature & License

T.S.O.  
771.4 HRS

Date:

08 June 2020

**QL AV**

CF-NIH

Completed an annual inspection as per CARs 625 App. B & C using the Silvaire service manual as a guide.  
Engine was ground run, all pressures and temperatures were within limits.  
The maintenance described has been performed in accordance with the applicable standards of airworthiness.

*Braden Neels* M449619  
Signature & License

T.S.O.  
771.4 HRS



## WEIGHT AND BALANCE / EQUIPMENT LIST AMENDMENT

Aircraft Registration: CF-NIH  
Aircraft Serial: 3686  
Number: 8A  
Aircraft Model:

This Report Date: June 8, 2020  
Last Report Date: June 19, 2019  
Gross T/O Weight: 1,260.00

Aircraft Weight and Balance Amendment For a Change of Equipment

Description	Weight (lbs.)	Arm (in.)	Moment
<b>PREVIOUS DATA</b>	847.70	0.00	12,048.30
<b>Removed</b>			
Eisemann AM-4 L magneto	-5.60	-18.00	100.80
Eisemann AM-4 R magneto	-5.60	-18.00	100.80
<b>Installed:</b>			
Slick 4333 L magneto	4.65	-18.00	-83.70
Slick 4333 R magneto	4.65	-18.00	-83.70



### WEIGHT AND BALANCE / EQUIPMENT LIST AMENDMENT

Aircraft Registration: CF-NIH  
Aircraft Serial Number: 3686  
Aircraft Model: 8A

This Report Date: June 8, 2020  
Last Report Date: June 19, 2019  
Gross T/O Weight: 1,260.00

Aircraft Weight and Balance Amendment For a Change of Equipment

Description	Weight (lbs.)	Arm (in.)	Moment
<b>PREVIOUS DATA</b>	847.70	0.00	12,048.30
<b>Removed</b>			
Eisemann AM-4 L magneto	-5.60	-18.00	100.80
Eisemann AM-4 R magneto	-5.60	-18.00	100.80
<b>Installed:</b>			
Slick 4333 L magneto	4.65	-18.00	-83.70
Slick 4333 R magneto	4.65	-18.00	-83.70
<b>New Totals</b>	<b>845.80</b>		<b>12,082.50</b>

The New Empty Weight is 846 pounds.

The New Empty Weight Centre of Gravity is Located 14.29 inches Aft of the Datum.

The New Useful Load is 414.20 pounds.