

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

Engine Record General Information

Manufacturer CONTINENTAL Model O-200-A
Serial 4365-4-A Type Certificate _____
This engine is currently installed in aircraft _____

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____
Magnetto Time 28° BTC * Point Setting _____ Firing Order _____
Spark Plug Gap _____
Manufacturer recommended overhaul at 1800 hours

* FOUR NEW SUPERIOR AIRPARTS INC. MILLENNIUM CYL'S INSTALLED.
MAG TIMING SET AT 28° BTC PER STR # 5E8675 SW
AND SUPERIOR AIR LTR # 93-004 dtd 8-24-93

AIRCRAFT DESCRIPTION

Manufacturer **ERCO ERCOUPE**

Place **RIVERDALE MD.** Date **1946**

License No. **N 94070**

Type **415D**

Serial No. **1393**

Description

Wing Ser Nos. LEFT 2688 RIGHT 2693

Reconstructed By

Place

Date

Seating Capacity (Crew Included)

2

Weight Empty **866.45**

Weight Loaded **1900**

Wing Area

Sq. Ft.

Control Area

Sq. Ft. Span

Length

Tires Main

600x6

4A4

Tire

Nose

500x5

4A4

Brakes

Owner

Address

City

State

B371-923739

Statement

DATE

10-19-2017

TERMS

17131

TO

BOB BURKHART

N94670

IN ACCOUNT WITH

TWL Aviation, INC

Canton, IL 61520

OWNER ASSISTED ANNUAL

100 MILE ROUND TRIP CTK-GRG

@ .54

Part

CURRENT

OVER 30 DAYS

OVER 60 DAYS

TOTAL AMOUNT

01-11

REMARKS

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

DATE: 11/19/17 T.F. TACH 4135.4 762.9 INSPEL. ELT. I.A.W. 91-207 (d) BATTERY DUE MAR. 2019 INSPEL. ALL WHEELS & BRAKES. INSPEL. AND LUBED ALL FLT. CONTROL RINGES, CABLES, ROD ENDS. C/W A/D 54-26-02 INSPEL. OF CONTROL CABLES. (CK GOOD) C/W AD 57-02-01 INSPEL. OF RUDDER RINGES (CK OK) C/W AD 59-05-00 REAR SPAR (CK. GOOD) C/W A/D 59-25-05. INSPEL. RUDDER REINFORCEMENT. A/D 02/16/04 INSPEL. CABINATOR (CK OK) C/W A/D 02-26-02 INSPEL. FOR WING CORROSION (CK OK) C/W A/D 03-21-01 INSPEL. OF WINGS FOR CORROSION (CK OK). I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPEL. I.A.W. AN ANNUAL INSPEL. AND FOUND AIRWORTHY AT THIS TIME AND DATE. [REDACTED]

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
19 Oct. 2016	TACH 4120.0 747.5 T.T.							INSP. ELT. I.A.W. 91-207 (d) BATTERY DUE. DEC. 2016		
								INSP. WHEELS & BRAKES. INSP. AND LUBED ALL FLT. CONTROL		
								HINGES, CABLES, ROD ENDS. c/w A/D 54-26-02 INSP. CONTROL		
								CABLES, (EX. GOOD) c/w A/D 57-02-01 INSP. OF RUDDER HORNS		
								(OK OK). c/w A/D 59-05-04 REAR SPAR OK GOOD. c/w A/D 59-25-05		
								INSP. RUDDER REINFORCEMENT. c/w A/D 02/16/04 INSP. GASOLATOR		
								(OK. OK) c/w A/D 02-26-02 INSP. FOR WING CORROSION (OK OK)		
								c/w A/D 03-21-01 INSP. WING FOR CORROSION OK. c/w A/D		
								12-08-06 DUE OUT 2018. I CERTIFY THAT THIS AIRCRAFT		
								HAS BEEN INSP. I.A.W. AN ANNUAL INSP. AND FOUND		
								AIRWORTHY AT THIS TIME AND DATE.		
TOTALS FORWARD										
TOTALS TO DATE										

Inspection Report

DATE: 10-19-2016
OWNER: BURKHART ADDRESS: _____
AIRCRAFT MAKE & MODEL ERCOUPE 4150
AIRCRAFT NUMBER N94070
ENGINE TIME 494.2 SMOH AIRCRAFT TIME 747.5
MECHANIC TIME _____
ANNUAL ✓ COMPLEX _____ 100 HR _____ MAJOR _____
COMPRESSION CHECK
CYLINDER 1= 78/80 2= 77/80 3= 78/80 4= 75/80 5= _____ 6= _____
29.5 LAST YEAR

CLEAN & GAP PLUGS _____
INSP & SERVICE A/C BATTERY _____
CHANGE OIL NOT AT THIS TIME
CHECK OIL FILTER FOR METAL N/A
AIR FILTER ELEMENT _____
INSP & LUBE WHEEL BEARINGS _____
INSP WING & TAIL _____
TAIL WHEEL _____

INSP. PROP & SPINNER _____
INSP & SERVICE BRAKES _____
INSP ELT BATTERY (DATE) DEC. 2016
CHECK FOR CORROSION _____
EXHAUST _____
INTAKE CLAMPS _____
INSP & LUBE ALL FLT CONTROL HINGES,
PULLEYS, BELCRANKS & CABLES _____
COMPLY W/ ADs _____

COMMENTS: 464.7 4090.5
29.5 20.5
494.2 4120.0

ADDITIONAL WORK COMPLETED:

IA: _____

Inspection Report

DATE: 10-19-2017

OWNER: BOB BURKHART

ADDRESS:

AIRCRAFT MAKE & MODEL N94070 ETCOUPÉ 415 D

AIRCRAFT NUMBER N94070

ENGINE TIME

AIRCRAFT TIME

762.9

MECHANIC TIME

-747.5

15.4

LAST YEAR

ANNUAL

COMPLEX

100 HR

MAJOR

COMPRESSION CHECK

CYLINDER 1= 79/80 2= 76/80 3= 79/80 4= 76/80 5= 6=

CLEAN & GAP PLUGS

INSP & SERVICE A/C BATTERY

CHANGE OIL

CHECK OIL FILTER FOR METAL

AIR FILTER ELEMENT

INSP & LUBE WHEEL BEARINGS

INSP WING & TAIL

TAIL WHEEL

INSP. PROP & SPINNER

INSP & SERVICE BRAKE

INSP ELT BATTERY (DATE)

MAR 19

CHECK FOR CORROSION

EXHAUST

INTAKE CLAMPS

INSP & LUBE ALL FLT CONTROL HINGES,

PULLEYS, BELCRANKS & CABLES

COMPLY W/ ADs

COMMENTS:

4120.0

474.2

15.4

15.4

4135.4

489.6

ADDITIONAL WORK COMPLETED:

IA:

Teledyne Continental Motors

Continental O-200-A

Engine

E-252

AD#	Subject	Amend #	Eff Date	Recurring
77-13-03	<u>Superseded By 96-12-06</u>			
78-19-02	<u>Superseded By 96-12-06</u>			
81-07-06	Fuel Flow Restriction	39-4071	04/01/81	Yes
93-10-02	Cylinder Valve Retainer Key	39-8603	05/17/93	
93-11-03	Incorrect Connecting Rod	39-8600	06/01/93	
93-22-05	Carburetor Air Intake Housing	39-8744	11/04/93	Yes
94-05-05 R1	Cylinder Rocker Shaft	39-9490	03/13/96	Yes
94-14-12	<u>Superseded By 95-21-15</u>			
95-21-15	Avgas	39-9402	11/28/95	
96-12-06	Magneto To Engine Timing	39-9648	07/18/96	
98-17-11	Nelson Balancing Service	39-10713	10/19/98	

N/A
ELECT. PUMP
P.C.W.

N/A
SINGLE
PISTON
OVERHAUL

RLW 95-21-15

RLW 96-12-06

N/A 98-17-11

REVIEWED 10-19-2017

762.9,

Univair ERCO 415-D

Airframe

TCP Sheet
A-787

AD#	Subject	Amend #	Eff Date	Recurring
<u>46-23-01</u>	Muffler Replacement			
<u>46-23-02</u>	Engine Breather Line Hose			
<u>46-23-03</u>	Aileron Control Column Fitting			
<u>46-30-02</u>	Aileron Control Stop			
<u>46-30-03</u>	<u>Superseded By 02-16-04</u>			
<u>46-46-01</u>	Fuselage Gas Tank Overflow Line			
<u>46-49-01</u>	Nose Wheel Replacement			
<u>47-20-03</u>	Fuel Pump Line Alteration			Yes
<u>47-20-04</u>	Baggage Compartment Zipper			
<u>47-20-05</u>	Belly Skin Reinforcement			
<u>47-20-06</u>	Aileron Reinforcement			
<u>47-20-08</u>	Battery Box Drain			Yes
<u>47-20-09</u>	Voltage Regulator Check			
<u>47-42-20</u>	Control Column Shaft			
<u>47-42-21</u>	<u>Superseded By 54-26-02</u>			
<u>47-50-10</u>	<u>Superseded By 55-22-02</u>			Yes
<u>47-50-13</u>	Propeller Hub Inspection			
<u>49-02-02</u>	<u>Superseded By 52-02-02</u>			
<u>50-07-01</u>	Elevator Trim Tab Stop			
<u>52-02-02</u>	<u>Superseded By 12-08-06</u>			
<u>53-28-02</u>	<u>Superseded By 57-02-01</u>			Yes
<u>54-26-02</u>	Control cable fraying VISUAL INSP. OK			Yes
<u>55-22-02</u>	Template Fuel Tank			Yes
<u>57-02-01</u>	Rudder Horn Attachment VISUAL INSP. OK			Yes
<u>57-13-03</u>	<u>Superseded By 59-05-04</u>			Yes
<u>59-05-04</u>	Rear Spar Reinforcement VISUAL INSP. GOOD			Yes
<u>59-25-05</u>	Rudder Reinforcement VISUAL INSP. GOOD			
<u>60-09-02</u>	Nose Gear Bolts	137		
<u>67-06-03</u>	Rudder Bellcrank	39-349	02/11/67	
<u>86-22-09</u>	<u>Superseded By 02-16-04</u>			
<u>94-18-04 R1</u>	<u>Superseded By 03-21-01</u>			
<u>02-16-04</u>	Gascolator Mounted On Firewall	39-12843	09/13/02	
<u>02-26-02</u>	Wing Corrosion VISUAL INSP. OK	39-12987	02/14/03	Yes
<u>03-21-01</u>	Wing Corrosion	39-13335	12/01/03	Yes
<u>12-08-06</u>	Aileron Support Structure & Skin Cracks	39-17023	10/03/12	Yes

Univair Aircraft Corporation

Univair ERCO 415-D

AD#	Subject	Amend #	Eff Date	Recurring
P.C.W. 46-23-01	Muffler Replacement			
P.C.W. 46-23-02	Engine Breather Line Hose			
P.C.W. 46-23-03	Aileron Control Column Fitting			
P.C.W. 46-38-02	Aileron Control Stop			
P.C.W. 46-38-03	Superseded By 02-16-04			
P.C.W. 46-46-01	Fuselage Gas Tank Overflow Line			
P.C.W. 46-49-01	Nose Wheel Replacement			
N/A 47-20-03	Fuel Pump Line Alteration			Yes
N/A 47-20-04	Baggage Compartment Zipper			
P.C.W. 47-20-05	Belly Skin Reinforcement			
P.C.W. 47-20-06	Aileron Reinforcement			
P.C.W. 47-20-08	Battery Box Drain			
N/A 47-20-09	Voltage Regulator Check			Yes
P.C.W. 47-42-20	Control Column Shaft			
47-42-21	Superseded By 54-26-02			
47-50-10	Superseded By 55-22-02			
N/A 47-50-13	Propeller Hub Inspection			Yes
49-02-02	Superseded By 52-02-02			
P.C.W. 50-07-01	Elevator Trim Tab Stop			
52-02-02	Superseded By 12-08-06			
53-26-02	Superseded By 57-02-01			
8-20-13 00 6935 54-26-02	Control cable fraying VISUAL INSP. c/w (C.K. GOOD)			Yes
N/A 55-22-02	Terneplate Fuel Tank			Yes
01-20-14 00 6935 57-02-01	Rudder Horn Attachment VISUAL INSP. c/w (C.K. GOOD)			Yes
57-13-03	Superseded By 59-05-04			
01-20-14 00 6935 59-05-04	Rear Spar Reinforcement VISUAL INSP. c/w (C.K. GOOD)			Yes
59-25-05	Rudder Reinforcement VISUAL INSP. c/w (C.K. GOOD)			Yes
01-20-14 00 6935 60-09-02	Nose Gear Bolts	137		
P.C.W. 67-06-03	Rudder Bellcrank	39-349	02/11/67	
86-22-09	Superseded By 02-16-04			
94-18-04 R1	Superseded By 03-21-01			
02-16-04	Gascolator Mounted On Firewall	39-12843	09/13/02	
02-26-02	Wing Corrosion VISUAL INSP. c/w GOOD	39-12987	02/14/03	Yes
03-21-01	Wing Corrosion VISUAL INSP. c/w GOOD	39-13335	12/01/03	Yes
12-08-06	Aileron Support Structure & Skin Cracks	39-17023	10/03/12	Yes

The AD Toolbox™ Assembled By Zook Aviation, Inc.