

B I L L O F S A L E

KNOW ALL MEN BY THESE PRESENTS: That the undersigned is the owner of the full legal and beneficial interest in the following aircraft engine:

MANUFACTURER OF ENGINE: Continental
MODEL: A-65-8
SERIAL NO.: 3927168

For and in consideration of the sum of one or more dollars, Stanley F. Stine, the undersigned, whose address is 1922 N.E. 15th, Portland, 12, Oregon, does this 23rd day of April, 1947, sell, grant, transfer, and deliver all of his above-described right, title, and interest in and to the above-described aircraft, together with such equipment installed therein unto George Bogardus, Portland, Oregon.

Stanley F. Stine
Stanley F. Stine

No.	April 23 1947
Received of	George Bogardus
	Twenty-five and 00/100 Dollars for
	A-65-8 Continental engine Ser. # 3927168
Amount Paid \$	75 ⁰⁰
Balance Due \$	Stanley F. Stine

WEIGHT AND BALANCE REPORT

Aircraft Make Thomas Story Model Story-Eyerl Serial No. I NC 31250

Aircraft Make Thomas Story Model Story-Eyerle Serial No. I NC 31250

Leveling Means Top longeron in cockpit

- (1) Datum Used Leading edge of wing
(2) Datum is 0 inches (forward) (aft) of main wheel axle center line.
(3) Distance from main wheel axle center line to tail support 175 inches.

Right Scale	<u>233.5</u> lbs.	Tare	<u>0</u> lbs.	(4)	<u>233.5</u> lbs.
Left Scale	<u>234.5</u> lbs.	Tare	<u>0</u> lbs.	(5)	<u>234.5</u> lbs.
Tail Scale	<u>25</u> lbs.	Tare	<u>0</u> lbs.	(6)	<u>25</u> lbs.
Total Net Empty Weight				(7)	<u>493</u> lbs.

- (8) Empty C.G. aft of Wheel Centers = $\frac{(3) 175 \times (6) 25}{(7) 493} = 8.87$ inches.
- (9) Empty C.G. in Relation to Datum $\frac{(8) 8.87}{\text{or } - (2) 0} = 8.87$ inches.

Includes Oil .27 Gals. Fuel 0 Gals. Oil Weight * 2 lbs. (10)
Fuel Weight * 0 lbs. (11)

Includes the Following Equipment:

[illegible]

- * Fuel, 6 lbs. per gal.
- * Oil, 7.5 lbs. per gal.

Weighed by Water Respect E. 432641
Witnessed by Thomas C. Krum #760
(Inspector, Seventh Region)
Calculated by Thomas C. Krum
A & E 16428

If other than residual fuel and oil was included in the empty weight, find actual empty weight and C.G. (12) & (14) as follows:

(7) 493 x (9) 8.87 - moment 4372.91
 (10)* 2 x (arm) -22 -44
 (11)* x (arm)
 (12) 491 (13) Cumulative moment 4328.91
 (14) Actual Empty C.G. (13) 4328.91 - 8.82 inches.
 (12) 491

*The weights of these items are always minus since they are removed items.

Approved C.G. limits of Aircraft (Forward) (Aft)

	Weight	Horiz. Arm	Minus (Moment)	Plus
Airplane Empty	491	8.82		4328.91
Fuel (5.5 Gals.)	33	4.49	148.17	
Oil (1 Gals.)	7.5	22	165	
Pilot	170	20		3400
Passengers				
Passengers				
Passengers				
Baggage	53	44		2332
TOTAL (16)	754.5		(15)	9747.74

Most Rearward C.G. from Datum = (15) 9747.74 = 12.92 inches.
 (16) 754.5 25.84

	Weight	Horiz. Arm	Minus (Moment)	Plus
Airplane Empty	491	8.82		4328.91
Fuel (13 Gals.)	78	4.49	350.06	
Oil (1 Gals.)	7.5	22	165	
Pilot	170	20		3400
Passengers				
Passengers				
Passengers				
Passengers				
TOTAL (18)	746.5		(17)	7213.85

Most Forward C.G. from Datum = (17) 7213.85 = 9.66 inches.
 (18) 746.5 19.32

Calculated by Thomas C. Krum
A8E 10428

PERIODIC AIRCRAFT INSPECTION REPORT

(For All Aircraft, Including Lighter-Than-Air)

(SEE REVERSE SIDE OF THIS FORM FOR INSTRUCTIONS)

1. AIRCRAFT	MAKE <i>STORY-EYERLY</i>	MODEL <i>THOMAS STORY</i>	SERIAL NO. <i>I</i>	NATIONALITY AND REGISTRATION MARK <i>NX 31250</i>							
2. INSPECTION (INDICATE WHETHER AIRWORTHY OR NOT BY CHECKING (✓) APPROPRIATE BLOCK)											
3. Fuselage—Hull Group		Yes	No	4. Cabin—Cockpit Group		Yes	No	5. Engine—Nacelle Group		Yes	No
a. Fuselage structure	✓			a. Fuel system—tanks	✓			a. Fuel system	✓		
b. Fabric—skin	✓			b. Oil system	✓			b. Oil system—tanks	✓		
c. External bracing	✓			c. Electrical system	✓			c. Ignition—electrical system	✓		
d. Control mechanism	✓			d. Batteries	✓			d. Exhaust stacks or manifolds	✓		
e. Electrical system	✓			e. Hydraulic system	✓			e. Cooling system	✓		
f. Hydraulic system	✓			f. Instruments	✓			f. Engine controls	✓		
g. Fuel system—tanks	✓			g. Flight—engine controls	✓			g. Power plant—general	✓		
h. Emergency exits	✓			h. Seats—berths	✓			h. Superchargers	✓		
i. Cargo compartments	✓			i. Safety belts	✓			i. Heating—ventilating system	✓		
j. Rotor drive shafts	✓			j. Fire-warning system	✓			j. Engine mount—attach fittings	✓		
k. Hull	✓			k. Fire-extinguisher system	✓			k. Engine accessories	✓		
l. Envelope	✓			l. Heating—ventilating	✓			l. Engine cowling	✓		
m. Gas bag	✓			m. Windows—windshields	✓			m. Main rotor transmission gear box	✓		
n. Ballast tanks	✓			n. Control car	✓						
6. Landing Gear Group		Yes	No	7. Wing—Centersection Group		Yes	No	8. Empennage Group		Yes	No
a. Main landing gear	✓			a. Fixed surfaces	✓			a. Fixed surfaces	✓		
b. Tail—nose gear	✓			b. Movable surfaces	✓			b. Movable surfaces	✓		
c. Latches	✓			c. Fabric—skin	✓			c. Fabric—skin	✓		
d. Retracting mechanism	✓			d. External bracing	✓			d. External bracing	✓		
e. Landing gear attach fittings	✓			e. Wing attach fittings	✓			e. Attach fittings	✓		
f. Electrical system	✓			f. Flight-control mechanism	✓			f. Flight-control mechanism	✓		
g. Hydraulic system	✓			g. Fuel system—tanks	✓			g. Electrical system	✓		
h. Wheels—brakes	✓			h. Electrical system	✓			h. Hydraulic system	✓		
i. Floats	✓			i. Hydraulic system	✓			i. Anti-icing devices	✓		
j. Struts—attach fittings	✓			j. Anti-icing devices	✓			j. Gust lock mechanism	✓		
k. Skis—fittings	✓			k. Gust lock mechanism	✓			k. Tail rotor blades	✓		
l. Main rotor blades	✓			l. Main rotor blades	✓						
9. Propeller Group		Yes	No	10. Radio Group (Installation)		Yes	No	11. Miscellaneous Group		Yes	No
a. Propeller blades	✓			a. Receiver	✓			a. Position-light flasher mechanism	✓		
b. Propeller hub(s)	✓			b. Transmitter	✓			b. First-aid—emergency equipment	✓		
c. Control mechanism	✓			c. Antennas—insulators	✓			c. Industrial and advertising installations	✓		
d. Attachment	✓			d. Bonding—shielding	✓			d. Pyrotechnics installation	✓		
e. Accessories	✓			e. ADF receiver—loops	✓			e. Water-injection systems	✓		
f. Anti-icing devices	✓			f. Dynamotor	✓			f. Oil-dilution system	✓		
g. Auxiliary power unit	✓			g. Auxiliary power unit	✓						
h. Electronic devices	✓			h. Electronic devices	✓						
12. SIGNATURE(S) <i>Thomas C. Loun</i>				CERTIFICATE NO.(S) AND RATING(S) <i>A8E16428</i>				DATE <i>9-16-53</i>			

ENGINE LOG
AND MAINTENANCE RECORD
Type AP-13

Record of CONTINENTAL A-65-8 3927168
Make Model Serial

From APRIL 19 47 To _____ 19____

Detailing Time From 369:50 To _____
Hours—Minutes Hours—Minutes

DATE	TIME ON GROUND		TIME IN AIR		TOTAL TIME		SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19 47					369	50			
5-30					3	30	5-15-47	Engise Major	
6-1					2	00	overhauled at 369:50 Total		
6-6					1	40	Time. Cam Ground Piston		
6-7					1	30	Kit Installed. Cyls. Honed		
6-10						45	New Exhaust Valves & Guides		
6-11					2	05	New Cam, Rod Inserts		
6-12					1	05	New Main Brngs.		
6-14					1	30	New Piston Rings & Pins &		
6-15					1	20	Piston Pin Bushings Liner bore		
6-15						50	Bendix Magn. Installed & New		
6-18					1	20	Intake assembly Installed.		
6-20						50	Thomas C. Linn ABE 16428		
TOTALS					388	15	CARRY THE TOTALS OF THE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

[illegible]

PERSON ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
Engine Major d at 369:50 Total Cam Ground Piston lalled. Cyls. Housed ust Valves & Guides Rod Inserts ain Brugs. on Rings & Pins & Bushings hit bored. age. Installed & New esembly Installed. Thomas C. Kraus ASE 16428		

OF THE THREE "TIME"
TO TOP OF FRESH PAGE

DATE	REMARKS ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS- SERVICING- AND OVERHAULS- AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING: "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
19 47	5-21-47 100 hr. Inspection of Engine Installation Completed. Exhaust Collector Re-worked & Carb. heater Installed. Thomas C. Kraus ASE 16428

AIRCRAFT LOG

Make THOMAS STORY Model STORY-EGERLY Serial No. 1 License No. 31250

Span 29' 8" Length 19' 3" Wing Area 113 sq. ft. Wing Loading 6.6 lbs

Seating Cap. 1 Wgt. Empty 489 lb. Wgt. Loaded 800 lb. Power Loading 11.5 lb.

Take off Speed 40 M. P. H. Climbing Speed 75 M. P. H.

Cruising Speed 105 M. P. H. Stalling Speed 39 M. P. H.

DO NOT DIVE OVER 130 MILES PER HOUR

Owner GEO. W. BOGARDUS Address Rt. #2 Box 106C

Airport Phone _____ Business Phone GARESHAM 5120

City TROUTDALE Zone _____ State OREGON

CIVIL AIR

43.24 AIRCRAFT AND ENGINE
the total flight time of the engine or other suitable systems must be requested, must be presented in a form which records the total time in lieu of such aircraft and engine.

43.22 ANNUAL INSPECTION
within the preceding 12 calendar months and has been found satisfactory. The inspection report shall be a part of the aircraft's records.

43.23 PERIODIC INSPECTION
of flight time it has been found satisfactory and a not annual inspection required.

There is a pocket in the back of this form for the inspection forms—be sure you have the "Last" "Periodic Inspection" form.

Ed. The Annual Inspection is required.

DATE 19 47	FROM	TO	NATURE OF FLIGHT	TOTAL TIME	Time Since 100-Check	PILOT Signature	Certificate
				7:40			
5-30	BEAVERTON	RIGGING TESTS	18 LANDINGS	3:30			
6-1	BEAVERTON		5 "	2:00			
6-6	BEAVERTON		5 "	1:40			
6-7	BEAVERTON	RIGGING AIR SPEED	6 "	1:30			
6-10	BEAVERTON		5 "	1:45			
6-11	BEAVERTON	AIR SPEED TESTS	5 "	2:05			
6-12	BEAVERTON		5 "	1:05			
6-14	BEAVERTON	WASCO	3 "	1:30			
6-15	WASCO	BEAVERTON	1 "	1:20			
CARRY TOTALS FORWARD TO TOP OF NEXT PAGE				23:05	15:25		

DATE
19 47

REPLACEMENTS - REPAIRS - ALTERATION

Mechanic MUST Endorse Each Change and Each Inspection with H

5-21-47

100 hr. Inspection Comp
 msc. Rib stitching
 msc. Bolts Replace
 RE-safetied. Carabiner
 Other

DATE 19 47	FROM	TO	NATURE OF FLIGHT	TOTAL TIME	Time Since 100-Check	PILOT	
				50:30	42:50	Signature	Certificate
8-2	BEAVERTON-DRUMMOND-GRESHAM		2 LANDINGS	1:45			
8-4	BEAVERTON		1 LANDINGS	1:15			
8-5	BEAVERTON		3 LANDINGS	1:20			
8-6	BEAVERTON-GRESHAM		2 LANDINGS ¹⁵²	1:35			
8-10	BEAVERTON-MILLALA-GRESHAM		4 LANDINGS	1:55			
8-11	GRESHAM, OREG.	HELENA, MONT.	2 LANDINGS	5:45			
8-12	HELENA, MONT.	TWIN VALLEY, MINN.	4 "	10:35			
8-13	TWIN VALLEY, MINN.	HUNTLEY, ILL.	3 "	6:30			
CARRY TOTALS FORWARD TO TOP OF NEXT PAGE				76:10	68:30		

DATE 19 47	REPLACEMENTS - REPAIRS - ALTERATION Mechanic MUST Endorse Each Change and Each Inspection with
8-4	COMPASS COMPENSATED AND SWUNG
8-5	BAGGAGE COMP'T. INSTALLED - 16x7-3 GOODYEAR
8-10	25 HR. CHECK COMPLETED

DATE 1947	FROM	TO	NATURE OF FLIGHT	TOTAL TIME	Time Since 100-Check	PILOT	
				76:10	68:30	Signature	Certificate
8-14	HUNTLEY, ILL.	CHICAGO, ILL.	1 LANDINGS	:30			
8-15	CHICAGO, ILL.	PERRYSBURG, OHIO	2 "	2:50			
8-19	PERRYSBURG, OHIO	BRENTWOOD, N.Y.	4 "	6:05			
8-21	BRENTWOOD, N.Y.	LOCAL	6 "	1:30			
8-22	BRENTWOOD, N.Y. - BOSTON, MASS. - RETURN		2 "	3:30			
8-23	BRENTWOOD, N.Y.	LOCAL	1 "	:45			
8-24	BRENTWOOD, N.Y. - STONY BROOK, N.Y. - RETURN		3 "	2:25			
8-25	BRENTWOOD, N.Y.	WASHINGTON, D.C.	1 "	2:40			
8-26	WASHINGTON, D.C.	POTTSTOWN, PENNA.	1 "	2:15			
CARRY TOTALS FORWARD TO TOP OF NEXT PAGE				98:40	91:00		

DATE 19	REPLACEMENTS - REPAIRS - ALTERATIONS - Mechanic MUST Endorse Each Change and Each Inspection with His
8-20	25 HR. CHECK COMPLETED

DATE 19 47	FROM	TO	NATURE OF FLIGHT	TOTAL TIME	Time Since 100-Check	PILOT	
				98:40	91:00	Signature	Certificate
8-27	LOCAL, P.C.	POTTSTOWN, PENNA.	2 LANDINGS	:15			
8-29	POTTSTOWN, PENNA.	BARENTWOOD, N.Y.	3 "	2:00			
8-31	BRENTWOOD, N.Y.	BROCTON, N.Y.	2 "	5:10			
9-1	BROCTON, N.Y.	LOCAL	4 "	:50			
9-2	BROCTON, N.Y.	BUFFALO, N.Y.	1 "	:35			
9-4	BUFFALO, N.Y.	LOCAL	7 "	1:10			
9-6	BUFFALO, N.Y.	BROCTON, N.Y.	1 "	:45			
9-7	BROCTON, N.Y.	LOCAL	1 "	:20			
9-8	BROCTON, N.Y.	ALLIANCE, OHIO	2 "	1:35			
CARRY TOTALS FORWARD TO TOP OF NEXT PAGE				111:20	103:40		

CARRY TOTALS FORWARD TO TOP OF NEXT PAGE

DATE 19 47	FROM	TO	NATURE OF FLIGHT	TOTAL TIME	Time Since 100-Check	PILOT Signature	Certificate
				111:20	103:40		
9-10	ALLIANCE, OHIO	GRAND RAPIDS, MICH.	3 LANDINGS	4:00			
9-11	GRAND RAPIDS, MICH.	DEMOTTE, IND.	1 "	2:30			
9-12	DEMOTTE, IND.	HOBART, IND.	2 "	:50			
9-13	HOBART, IND.	CHICAGO, ILL.	1 "	:30			
9-15	CHICAGO, ILL. - VILGA, ILL. - HUNTLEY, ILL.		3 "	3:40			
9-17	HUNTLEY, ILL.	BARABOO, WIS.	1 "	1:05			
9-18	BARABOO, WIS.	MARBLE ROCK, IOWA	5 "	3:20			
9-19	MARBLE ROCK, IOWA	DARFUR, MINN.	2 "	2:10			
9-20	DARFUR, MINN.	KEARNEY, NEBR.	2 "	4:00			
CARRY TOTALS FORWARD TO TOP OF NEXT PAGE				133:25	125:45		

DATE 19	REPLACEMENTS - REPAIRS - ALTERATIONS Mechanic MUST Endorse Each Change and Each Inspection with Signature
9-12	25 HR. CHECK COMPLETED

DATE 1947	FROM	TO	NATURE OF FLIGHT	TOTAL TIME	Time Since 100-Check
				133:25	125:45
9-21	KEARNEY, NEBR.	ALLIANCE, NEBR.	2 LANDINGS	3:30	
9-22	ALLIANCE, NEBR.	SALT LAKE CITY, UTAH	2 "	6:45	
9-23	SALT LAKE CITY, UTAH	LOCAL	4 "	1:40	
9-24	SALT LAKE CITY, UTAH	BEAVERTON, OREG.	2 "	6:45	143:25
1948					
6-24	BEAVERTON		9 LANDINGS	2:30	
7-3	BEAVERTON - WHEELER		5 LANDINGS	2:35	
7-11	BEAVERTON - LONGVIEW		2 "	1:05	
7-22	BEAVERTON - VANCOUVER		2 "	:40	1:40
CARRY TOTALS FORWARD TO TOP OF NEXT PAGE				157:55	

DATE 19	REPLACEMENTS - REPAIRS - ALTERATIONS	
	Signature	Certificate
9-22		25 HR. CHECK COMPLETED
5-20-48		100 HR. CHECK COMPLETED BOLTS IN CONTROLS REPLACED CABLES LENGTHENED. A+ 54
6-21		CANOPY REPLACED