

# Aircraft Inspection Report.

This Bureau of Air Commerce report is dated May 19, 1937 - the day Earhart's Electra emerged from the Lockheed shop in Burbank, California following extensive repairs after the accident that ended her first world flight attempt. The next day, Earhart made the "sneak takeoff" that began her second world flight attempt. This is the last Bureau of Air Commerce inspection of the aircraft on record.



The International Group for Historic Aircraft Recovery  
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DEPARTMENT OF COMMERCE  
BUREAU OF AIR COMMERCE

COMMERCE No. NR-16020  
SERIAL No. 1055  
DATE 5-19-37

AIRCRAFT INSPECTION REPORT

~~Approved~~ ~~Disapproved~~ ~~Reinspect:~~  
*R. Duke*  
Inspector.

OWNER AMELIA EARHART.  
ADDRESS 50 W. 45th. St. New York, N.Y.  
Original license—Renewal—Export—Alteration (submit drawings)—Special. After accident of \_\_\_\_\_  
(Circle which) (Date)  
Manufacturer Lockheed Aircraft Corp. Model 10E Spec. Specification No. 590  
Open Cabin—Amphibian—Landplane—Seaplane—Flying boat—Biplane—Monoplane—Autogiro—Glider.  
(Circle which)

ENGINES

MANUFACTURER	LOCATION	MODEL	SPEC. No.	SERIAL No.	H. P.
Pratt & Whitney	L.H.	S5H1	143	6150	550
	R.H.		"	6149	550

PROPELLER

PROPELLER			HUBS—SPEC. No. <u>257</u>		BLADES—SPEC. No. <u>301</u>	
MANUFACTURER	LOCATION	MATERIAL	Model	Serial No.	Model	Serial No.
Hamilton Standard	L.H. (Con. Spd)	Metal	12D-40	26334	6095A-6	66570-71
	R.H.		"	26333	"	65672-73

Number of fuel tanks 12 2 @ 81, 2 @ 16, 2 @ 102, in wing stubs. Total 1151 gal.  
Location and capacity of each \_\_\_\_\_ Total oil capacity 80 in 4 tanks  
2 @ 118, 3 @ 149, 1 @ 70 in fuselage.  
Passenger seats actually provided 0 Crew 4 Are dual controls installed? Yes Removable? No

Weight empty as equipped—Actual—Computed \_\_\_\_\_ pounds. Gross weight \_\_\_\_\_ pounds.  
(Circle which)  
Maximum pay load \_\_\_\_\_ pounds with fuel of \_\_\_\_\_ gallons.  
Maximum pay load \_\_\_\_\_ pounds with full fuel tanks of \_\_\_\_\_ gallons.  
Cargo space—Location and capacity of each DONE

Are compartments placarded for loads as shown? \_\_\_\_\_  
Restrictions Restricted to long distant flights. Only bona fide members of the crew  
to be carried.  
ALL EQUIPMENT AND WEIGHTS thereof included in empty weight MUST BE SHOWN.

Engine ring cowl _____ lb.	Flares and holders _____ lb.	Fire extinguisher _____ lb.
Starter (type?) _____ lb.	Location _____	Heater _____ lb.
Generator _____ lb.	Radio _____ lb.	Toilet equipment _____ lb.
Wheel streamlines _____ lb.	Location _____	_____ lb.
Battery _____ lb.	Radio bonding _____ lb.	_____ lb.
Location _____	Radio shielding _____ lb.	_____ lb.
Landing lights _____ lb.	Water container _____ lb.	_____ lb.

If inspection after accident, underscore classification which applies:  
1. Major repair (see Aero. Bulletin 7-H—Current Issue). Attach Form 466.  
2. Minor repair (see Aero. Bulletin 7-H—Current Issue).

IMPORTANT.—All questions must be fully \_\_\_\_\_ marks will not be accepted. Disapprovals must show

MICRO

OK PILOT'S COCKPIT.—Are airspeed indicator, manifold pressure gauge, and tachometer marked to agree with discarded aircraft operation limits as listed on pertinent aircraft specifications? Yes Yes ~~NXXX~~ (If not, see that they are properly marked at once. Cross out items not required to be marked.) Approved safety belt installed each seat? Yes

~~None~~ PASSENGER'S COMPARTMENT.—Approved safety belt installed each seat? \_\_\_\_\_

OK STABILIZER, ELEVATORS, AND RUDDER.—Approved position light? Yes. Grimes

OK LANDING GEAR WHEELS (Manufacturer, model, and size) Goodyear 6HBA  
Tires (size and ply) 35x15-6. 8 Ply. Goodyear  
Shock struts (manufacturer and model) Aerol SP400E  
Tail wheel (manufacturer, model, and size) Goodyear 5TWA. Tire: Gdyr. 16x7. ~~XXXX~~ 4 Ply.  
~~SRT~~ manufacturer, model, and weight) \_\_\_\_\_  
~~XXXX~~ (manufacturer and model) \_\_\_\_\_

OK CENTER SECTION AND FUSELAGE OK

WINGS

Left lower OK Left upper Low wing monoplane  
Right lower OK Right upper \_\_\_\_\_  
Approved position lights? Yes  
Approved position lights? Yes

OK POWER PLANT AND INSTALLATION OK

Total aircraft flight time 181:17 Flight time since overhaul 0  
Total engine time 182:42 Flight time since engine change or overhaul 0  
Total propeller time 182:42 Flight time since propeller disassembly and inspection 0

REMARKS: \_\_\_\_\_

NOTE.—If space provided is insufficient for full statement of result of inspection, additional data may be shown on extra sheet.