

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

1201-S

CLASS OF SERVICE
This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

Wm. W. W. W.
PRESIDENT

NEWTONS CARLTON
CHAIRMAN OF THE BOARD

J. C. W. W.
FIRST VICE

SYMBOLS
DL - Day Letter
NM - Night Message
NL - Night Letter
LC - Deferred Cable
NLT - Cable Night Letter
Ship Radiogram

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt at point of destination.

Received at 708 14th St. N. W. Washington, D. C.

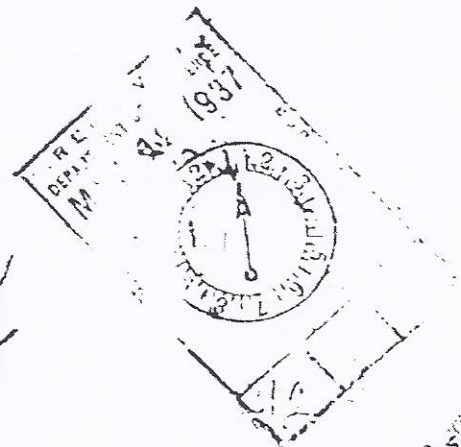
1937 MAY 12 PM 12 36

453 10 GOVT COLLECT=INGLEWOOD CALIF 19 91 A

CHIEF REGISTRATION SECTION=
BUR OF AIR COMMERCE=

FEARHART LOCKHEED REPAIRS COMPLETED APPROVED REPORT AIR
MAILED TODAY=

MARRIOTT.



WESTERN UNION GIFT ORDERS SOLVE THE PERPLEXING QUESTION OF WHAT TO GIVE

4596

REPAIR AND ALTERATION FORM
AIRCRAFT—ENGINES—PROPELLERS

Ident. no. NR-16020
Repair Agency Lockheed Aircraft Corporation Activity Engine alteration

☒ Manufacture Engine alteration
Approved Repair Station no. 12-D-40 ☒ Airplane major repair.
Other agency Engine alteration
Propeller alteration
Propeller repair

Airplane model Lockheed Electra Model 10E Mfg. serial no. 1055
Engine model Pratt & Whitney Wasp S3H1 Mfg. serial no. 6150 Left 6149 Right
Propeller model Hamilton Standard Controllable constant speed Mfg. serial no. 6095A-G Left 66572 Right
Propeller blade model 6095A-G Mfg. serial no. 66571 66573
Propeller hub model 12D-40 Mfg. serial no. 26334 26333

Owner's name Amelia Earhart
Owner's address 20 W. 45th St. New York N.Y.

Agency's name Lockheed Aircraft Corporation
Agency's address Burbank, California

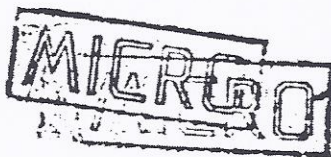
Supervising mechanic's signature Frederick Gray
Supervising mechanic's license no. 8414

Date of repair or alteration May 19, 1937

* Approved by R. E. Duke Department of Commerce Inspector

per [Signature] attached Form 80

Accident Report
3-120-372
E-1
41-1121



(Check)

X The following repairs have been made in accordance with AB 7-H:

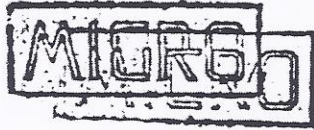
 The following alterations have been made in accordance with AB 7-H and 7-A
7-G

 Technical data as follows are appended herewith:

The repairs on this airplane were made in accordance with the drawings and engineering orders attached herewith:-

Drawings, nos. 41713, 41714, 44541, and 44542.

Engineering orders nos. 10-9103, 10-9104, 10-9105, 10-9106, 10-9107, 10-9108.



CERTIFICATE

James Gerschler, Assistant Chief Engineer certifies that the foregoing statements are true of his own knowledge.

James Gerschler
(Signature)

5/14/37

(Date)

1	2	3	4	5	6	7	8	9	DWG. NO.	DRAWING NAME	LOCKHEED ENGINEERING ORDER					
10	11	12	13	14	15	16	17	18	40200 R	WING ASSEMBLY	E.O.					
19	20	21	22	23	24	25			TRACING CHANGED							
									No Change							
CHARGE TIME TO JOB ORDER NO.									DISPOSITION OF	WRITTEN BY	PROJECT ENG.	MODEL	ASSEMBLY	SERIAL	STOCK	
									PARTS IN PROCESS	TA						
									FINISHED PARTS	GROUP SUP	TO PRODUCTION	Model 10	40,001	1053	SPEC	I
									PARTS IN ASSEMBLY						EXP.	

Manufacture and install one right wing complete with ailerons and wing tip - paint to match left wing

30 NOV 74 - 10:41 28

1	2	3	4	5	6	7	8	9	DWG. NO.	DRAWING NAME	FOR AIDED ENGINEERING ORDER				
10	11	12	13	14	15	16	17	18	40500	FUSELAGE ASSEMBLY	E.O.				
19	20	21	22	23	24	25	TRACING CHANGED								
No Change															
CHARGE TIME TO JOB ORDER NO.									DISPOSITION OF	WRITTEN BY	PROJECT ENG.	MODEL	ASSEMBLY	SERIAL	STP
									PARTS IN PROCESS						
									FINISHED PARTS						
									GROUP SUP.	TO PRODUCTION	10		1023		
									PARTS IN ASSEMBLY						

Make following repairs:

1. Smooth dents in nose skin
2. Replace #42443 - Flare cover - 2 req'd
3. Replace #41059 - Pitot mouth - 1L-1R req'd.
4. Replace first and second panels of bottom skin from Sta. 63 to slanting bulkhead on right side only.
5. Replace entire right hand bottom skin from slanting bulkhead to Sta. 293 5/8
6. Replace left hand bottom skin from a point 9 1/2" left of slanting bulkhead to main beam - rivet new skin in place with double row of rivets similar to joint at slanting bulkhead
7. Replace inboard 8 inches of left hand bottom skin from main beam to Sta. 293 5/8
Lap old and new skins at stringer.
8. Replace dump valve chutes -
9. Replace three antenna nests off of main beam - 42016, 42017-1 each req'd; 41302-1L req'd.
10. Replace #42133 ventilator as required on bottom skin
11. Replace or straighten #40590 - Channel - on right side forward of main beam
12. Add .040 24 ST Alclad plate 5" wide on right side of fuselage running from the front shear beam to a point 1/8 rivets 1-1/4 C-Cs 1/8 edge dist.

REVISION 21 1963

10	11	12	13	14	15	16	17	18	40100	CENTER SECTION ASSEMBLY	E.O.				
19	20	21	22	23	24	25	TRACING CHANGED								
									No Change						
CHANGE TIME TO JOB ORDER NO.									DISPOSITION OF	WRITTEN BY	PROJECT ENG.	MODEL	ASSEMBLY	SERIAL	STD.
									PARTS IN PROCESS	GROUP SUP.	TO PRODUCTION	10	40532	1055	SPEC.
									FINISHED PARTS						
									PARTS IN ASSEMBLY						

REPAIR THE CENTER SECTION OF THIS SHIP AS FOLLOWS:

1. Repair nacelle ribs as per dgs. #44541 and 40542
2. Replace #63 SKIN (both sides of ship).
3. Replace #114 REINFORCEMENT (both sides of ship)
4. Replace castings #40151 - 2 Req'd.
5. Replace #62 TANK PANELS - 11-1R Req'd.
6. Remove NOSE RIBS at Sta's. 81 1/2 and 84 in order to replace ENGINE CONTROL PULLEY BRACKET ASSEMBLIES #40555 and 40559; re-install nose ribs after installing brackets.
7. NACELLE ATTACHMENT ANGLES - straighten or replace where necessary.

ON LEFT SIDE ONLY:

8. Straighten skin at trailing edge; smooth dents in leading edge skin (from Sta. 81 1/2 to Sta. 84)
9. Straighten #40197L TEE SECTION - trim end of bottom leg to remove torn plate (Sta. 69).
10. Replace #40803L and 40804L - BRACE ATTACHMENT FITTINGS.
11. MAIN BEAM: add .032 channels to lower parts of front web diagonals between Sta. 69 and Sta. 84; channels to be of same width as diagonals; height of flanges to be approx. 5/8, use 1/8 rivets, 1" C-C.
12. FRONT SHEAR BEAM: a. Remove lower outb'd clip angle - replace with .032 3/4 by 3/4 angle running from outb'd. end to Sta. 84 (NOTE: lower flange must first be straightened).
b. Add a channel similar to #41753 at a point 2 inches inboard of #41753.

ON RIGHT SIDE ONLY:

13. Cut #40197R TEE SECTION 8 inches for d. of #44507 Plate. Replace for'd part and reinforce with two .061 3/4 by 3/4 by 7 inch long angles - formed to fit contour. Fasten with at least 5 5/32 rivets on either side of
14. Remove damaged SKIN (.032) on leading edge from lap at Sta. 69 to Sta. 69 1/4, from top mold line of front beam to rear edge of lower flange of front beam; REINFORCE with .032 sheet from 1 1/2 inb'd. of Sta. 69 1/4 to 7/8 outb'd. of Sta. 69, from 3/4 aft of top mold line of front beam to rear edge of lower flange of front beam. Add a row of flash rivets 3/4 inb'd. of present rivets attaching nose rib at Sta. 69 1/4.
15. Remove wrinkles in nose skin inb'd. of Sta. 69 1/4.
16. FRONT SHEAR BEAM: a. Add 18 140-020 channels on front side 5" inb'd. of Sta. 81 1/2 and 3/4 outb'd. of Sta. 81 1/2; b. Remove kink in lower flange just inb'd. of Sta. 69, add .061 by 3/4 by 2 ANGLE 4" long, use 1/8 rivets 3/4 C.C.
17. Straighten tail rib reinf. angles; drill 1/2 dia. hole in damaged (inb'd) tail rib - remove old reinf. angles; add new .032 by 5/8 by 1 1/2 ANGLE to replace same; add row of 5/32 rivets along top edge of new angle.
18. REAR TANK PANEL: a. Remove dents; b. Add flash patch patches in torn places.
19. Remove torn part of skin on top side at Sta. 81 1/2; add .061 Plate located between T-sections at Sta's. 69 & 84 with front edge under #48 and rear edge held by second row of rivets on corrugations; slot for and replace #40804 PLATE and 40803 GUSSET.
20. MAIN BEAM: a. On diagonals, between Sta's. 69 & 84, add .032 channels of same width as diagonals, height of flanges to be 5/8, use 1/8 rivets, 1" C-C. b. On front web at top inb'd. of Sta. 69 - file radius into cut edge.
21. Replace #43011 - OUTLET - heat system valve.
22. IF NECESSARY: Replace attachment band to facilitate installation of new R.H. Wing Panel

1	2	3	4	5	6	7	8	9	DWG. NO. 60001 TRACING CHANGED No Change	DRAWING NAME EXPENSE ASSEMBLY	LOCKHEED ENGINEERING ORDER E.O.				
10	11	12	13	14	15	16	17	18							
19	20	21	22	23	24	25									
CHARGE TIME TO JOB ORDER NO.									DISPOSITION OF	WRITTEN BY	PROJECT ENG.	MODEL	ASSEMBLY	SERIAL	STD.
									PARTS IN PROCESS	GROUP SUP	TO PRODUCTION	20	60001	1005	SPEC.
									FINISHED PARTS						
									PARTS IN ASSEMBLY						EXP.

1. Make repairs to fins, etc. as needed.

2. Replace on ship

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1007 MAY 21 PM 11 1960

1	2	3	4	5	6	7	8	9	DWG. NO.	DRAWING NAME	LOCKHEED ENGINEERING ORDER				
10	11	12	13	14	15	16	17	18	45000						
19	20	21	22	23	24	25			TRACING CHANGED						
									No Change	LANDING GEAR INSTALLATION	E.O.				
CHARGE TIME TO JOB ORDER NO.									DISPOSITION OF	WRITTEN BY	PROJECT ENG.	MODEL	ASSEMBLY	SERIAL	ST'D.
									PARTS IN PROCESS	GROUP SUP.	TO PRODUCTION	10	40001	1055	SPEC.
									FINISHED PARTS						
									PARTS IN ASSEMBLY						

1. Disassemble drive mechanism.
2. Reassemble, replacing any worn or damaged parts.
3. Install in ship

RECEIVED
 JAN 11 1950

1	2	3	4	5	6	7	8	9	DWG. NO.	DRAWING NAME	LOCKHEED ENGINEERING ORDER
10	11	12	13	14	15	16	17	18	40350	LANDING GEAR ASSEMBLY	E.O.
19	20	21	22	23	24	25			TRACING CHANGED		
									No Change		
CHARGE TIME TO JOB ORDER NO.									DISPOSITION OF:	WRITTEN BY	PROJECT ENG.
									FINISHED PARTS	GROUP SUP.	TO PRODUCTION
									NOT AFFECTED		
									MODEL	ASSEMBLY	SERIAL
									10	40001	1050
									ST'D.		
									SPEC.		
									EXP.		

1. Disassemble landing gear, inspect and salvage parts.
2. Reassemble landing gear using new oleos and tires; also use any parts as now by approval of inspection.
3. Install in ship.

RECEIVED BY: 24 MAR 1950
 PRODUCTION