

60TH AIR SERVICE SQUADRON
Office of the Engineering Officer
APO 530

18 February 1945.

SUBJECT: Weekly Engineering Activity Report.

TO : Engineering Officer, 37th Air Service Group, APO 520.

1. The following is a work report of each department in the Engineering Section for the week ending 17 February 1945.

AERO REPAIR

Repairs completed on aircraft:

B-24H #42-51170, B-24J #42-73497, B-24J #44-48953, B-24L #44-49801.

Aircraft undergoing repair:

B-24J #42-51044 Flak damage to wing center section and bomb-bay.
B-24J #44-10539 Change left wing outer panel and flak holes in fuselage.

Aircraft received for repair:

B-24L #44-49801 Flak holes in top right wing and fuselage, fuel cell hit and hole in horizontal stabilizer.
B-24G #42-78465 Hole in right wing outer panel, hole in reinforcing plates of left wing right fuel tank door.
B-24J #42-51674 Belly section from station 7.0 to station 9.0 damaged, flak holes in fuselage and wings.
B-24J #42-78595 Hole in left wing at #2 engine, 2 holes in right wing rear spar.
B-24L #44-49817 Hole through right wing outer panel.

Aircraft received for salvage:

B-24H #41-28876 Major flak damage, repaired but not O.K.'d by depot for combat.
B-24L #44-49324 Crashed while landing. Complete destruction.
B-24J #42-51984 Flak damage through #1 supercharger and wing.

Aircraft undergoing salvage:

B-24H #42-52099, B-24H #42-7751, B-24J #42-51616, B-24H #42-95359, B-24J #44-40421,
B-24H #41-28876, B-24J #42-51271, B-24L #44-49324, B-24J #42-51984.

Engines prepared for storage: 5.

ARMAMENT SHOP

This shop works on verbal orders.
Inspected, oiled and installed (20) guns.
Preflighted: (3) turrets, (1) set of bomb-racks.
Salvaged: (48) guns.
Removed: A/C equipment from salvage planes.
Prepared (43) guns for storage.
Checked and tagged (15) G-11 firing solenoids for Tech Supply.
Checked (1) E-4 computing sight and two bomb-release intervalometers.
Replaced (8) receivers in airplane #42-51044.

WOOD SHOP

Work Orders: Received - 3; Completed - 2; On hand - 3.
Manufactured: 4 engine stands and one window in PX building.
Repaired: (2) No. 6 station doors, 1 jeep body.
Note: Due to the lack of electricity, this shop has not been able to use available power driven tools this past week.

ELECTRIC SHOP

Work Orders: Received - 2; Completed - 2; On hand - 0.
Repaired: 17 P-1 generators.
Recharged: 29 batteries.
Miscellaneous: Spent 13 man hours on squadron lighting system, 22 man hours on salvage ships, 48 man hours on tagging and checking salvage material, and 3 man hours on airplane #44-48953.

INSTRUMENT AND BOMBSIGHT SHOP

Work Orders: Received - 6; Completed - 4; On hand - 2.
Received 144 instruments on work orders; completed repairs on 119.

MACHINE SHOP

Work Orders: Received - 18; Completed - 13; On hand - 9.
Manufactured: 2 brass bushings, 2 pin bolts, 6 rivet peans, 1 spline wrench, 1 special cleaning rod tip, 63 special bushing bars, 11 pieces of governor linkage, 40 pilot sliding window stops, 1 belt pulley, 6 air gun plungers, 4 special pins, 1 alumite grease gun plunger, 1 special pipe fitting, 1 plexi-glass window.
Repaired: 1 generator structure, 1 generator housing plate, 2 waist gun window frames, 1 engraving tool, 1 screwdriver, 1 gold medal burner, 1 diesel connecting rod (crankshaft end).
Modified: 2 main landing gear castings, 17 bolts rethreaded, 12 turbo-supercharger waste gate arms.

DOPS AND FABRIC SHOP

Work Orders: Received - 9; Completed - 8; On hand - 2.
Painted: 1 B-24 cargo ship, 2 status boards, call letters on 2 B-24's, 12 signs, 6 desks, 4 tables, 4 benches, 2 cabinets.
Dops and fabric work: Repaired flak damage on 2 elevators, 2 ailerons.
Miscellaneous: Cut 14 - 2" stencils, 7 - 3" stencils.

PARACHUTE SHOP

Work Orders: Received - 2; Completed - 2; On hand - 0.

Manufactured: 4 curtains, 12 jack covers, 1 bomb-truck tarp, 12 engine record holders.

Repaired: 3 mechanic jackets, 2 parachutes.

Modified: 65 flak suits, 6 life preserver vests, 5 parachutes (in compliance with T.O. 13-5-41).

Inspected and repacked 127 parachutes.

PROPELLER SHOP

This shop works on verbal orders.

Assembled 3 propellers.

Removed 8 propellers from salvage planes.

Disassembled and prepared 9 propellers for shipment to Depot.

SHINY METAL SHOP

Work Orders: Received - 4; Completed - 3; On hand - 9.

Aircraft repairs completed on: B-24J #42-78477, B-24J #44-48953, B-24H #42-51170, B-24L #44-49801.

Aircraft undergoing repairs: B-24L #44-49817, B-24J #42-78595, B-24G #42-78463, B-24J #42-51674, B-24J #42-52044, B-24J #44-10539.

Manufactured: 1 gun arm rest and 17 floor braces for formation stick.

Repaired: 1 vertical stabilizer, 2 bomb-bay doors, 1 exist gun window.

Modified: 1 radar instrument panel.

WELDING SHOP

Work Orders: Received - 1; Completed - 2; On hand - 0.

Manufactured: 2 elbows, 5 door latches, 1 mop handle.

Repaired: 1 reconnaissance car for 21st Engrs., 2 weapons carrier, 4 jeeps.

Modified: 2 stoves for squadron kitchen.

Miscellaneous: 28 man hours welding on new hangar.

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