

60TH AIR SERVICE SQUADRON
Office of the Engineering Officer
APO 520

12 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 10 February 1945.

AIRBO REPAIR

Repairs completed on aircraft:

B-24J #42-51590, B-24L #44-19456, B-24L #44-49648, B-24H #41-28786.

Aircraft undergoing repair:

B-24J #42-51044 Flak damage to wing center section and bomb-bay.

Aircraft received for repair:

B-24H #42-51170 Flak damage to right wing.

B-24J #44-48953 Flak damage to nose section, hydraulic system, and electrical system. Left aileron changed.

B-24J #44-10539 Flak damage to left outer wing panel, left aileron, and to No. 3 auxiliary fuel cell. Fuselage oxy & elect system damaged.

B-24J #42-78497 Flak damage to right inner wing re-inforcing plates and to trailing edge.

Aircraft received for salvage:

B-24J #42-51271 Taxi accident, damage to left main landing gear, left wing, left vertical stabilizer, and fuselage station 6.0 to 8.0

Aircraft undergoing salvage:

B-24H #42-95359, B-24H #42-51099, B-24H #42-7751, B-24J #44-40421, B-24J #42-51616, B-24J #44-10630, B-24J #42-52047, B-24J #44-11339, B-24J #42-51271.

Engines prepared for storage: 24.

ARMAMENT SHOP

This shop works on verbal orders.

Inspected, oiled and installed thirty (30) guns.

Preflighted: two (2) sets bomb-racks, and two (2) intervalometers.

Removed: one (1) ball turret.

Repaired: one (1) upper turret, and one (1) E-4 Computing sight.

Performed major overhaul on one (1) nose turret.

Prepared thirty (30) guns for storage.

WOOD SHOP

Work Orders: Received - 1; Completed - 0; On hand - 2.
Manufactured: 44 carburetor covers, 1 tech order rack, 2 barrel radius, 6 sign boards, 6 flag holders, 1 packing box, 1 rivet bin, 6 saw horses.
Repaired: 2 saw horses, 2 stakes on flat bed trailer.
Miscellaneous: Grated 3 fuel cells.

ELECTRIC SHOP

Work Orders: Received - 5; Completed - 5; On hand - 0.
Repaired & Modified: 2 prop governor conduits, 2 electric hand drill motors, 14 generators.
Miscellaneous: Recharged 29 batteries, distilled 4 gallon of water, spent 46 man hours on squadron lighting system, 3 man hours on paint shop, 8 man hours on electrical system of B-24J #42-51590.

INSTRUMENT AND BOMBMENT SHOP

Work Orders: Received - 6; Completed - 9; On hand - 0.
Received 96 instruments on work orders, completed repairs on 92, four (4) instruments prepared for shipment to Depot.

MACHINE SHOP

Work Orders: Received - 15; Completed - 12; On hand - 4.
Manufactured: 1 shotgun firing pin, 12 propeller feathering tube brackets, 1 valve handle, 4 sections power plant governor linkage, 1 rifle shell ejector, 2 floodlight brackets, 3 eyebolts, 68 shock mount bracket sections, 1 gyro mount spindle, 6 shotgun cleaning rod tips.
Repaired: 2 generator housings, 3 inverters (slip ring machining) 2 generator armatures (commutator machining).
Modified: 5 hand rivet sets, 20 eyebolts, 45 - B-10 bomb shackles, 33 sewing machine needles, 22 fuse clusters, 2 automotive spring shackles, 2 hand drills.
Miscellaneous: Removed broken spark plug from A/C engine. Miscellaneous sawing of metal and plexi-glass for sheet metal shop and Bomb Squadrons.

DOPE AND FABRIC SHOP

Work Orders: Received - 12; Completed - 11; On hand - 1.
Painted: 20 helmet liners, 1 status board, 10 signs, 1 book rack, 1 C-2 wrecker, call letters on 3 B-24 aircraft.
Dope and fabric work: Repaired flak damage to 5 rudders, 4 ailerons, and 2 elevators.
Miscellaneous: Cut 16 - 3" stencils, and whitewashed new paint shop.

PARACHUTE SHOP

Work Orders: Received - 6; Completed - 8; On hand - 0.
Manufactured: 10 turret covers, 2 covers for 1-ton trailers, 12 pilot tube covers, 2 floodlight covers, 12 fire extinguisher covers, 6 sets of plexi-glass blind-flying curtains.
Repaired: 1 case and link ejection bag, 4 safety belts, 3 mechanics jackets.
Modified: 3 parachutes in compliance with T.O. 13-5-41, 49 armor vests in compliance with letter, Hq, XV AFSG.
Inspected and repacked 167 parachutes.

PROPELLER SHOP

Work Orders: Received - 0; Completed - 0; On hand - 0.
Removed 9 propeller assemblies from salvage aircraft.
Installed 1 prop on B-24L #44-49456.
Assembled 6 propellers, for issue to bomb squadrons.
Disassembled and repaired one propeller for shipment to Depot.

SHEET METAL SHOP

Work Orders: Received - 7; Completed - 4; On hand - 8.
Aircraft repairs completed on: B-24J #42-51990, B-24L #44-49456, B-24L #44-49448, B-24H #41-28786.
Aircraft undergoing repairs: B-24J #42-51044, B-24J #44-48953, B-24J #44-10539, B-24J #42-78497, B-24H #42-51170.
Manufactured: 1 plexi-glass inspection plate, 3 radio covers, 5 armament cover guards, 1 stove, 10 lengths of stove pipe.
Repaired: 2 bomb-bay doors, 2 vertical stabilizers.
Modifications: 1 recorder rack, 2 instruments mounts for Radar aircraft, 30 gyro flux-gate compass mounts.

WELDING SHOP

Work Orders: Received - 2; Completed - 2; On hand - 1.
Manufactured: 3 stoves, 1 truck bumper.
Repaired: 1 generator bracket, 1 gear, 4 jeep springs, 1 oil cover, 4 jeep fenders, 2 field ranges, 1 radiator, 1 gas nozzle, 1 G.I. can, 1 bucket.
Miscellaneous: Cut and welded various articles for squadron, cut wings off one salvage ship.

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