

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

4 November 1944.

SUBJECT: Weekly Engineering Activity Report.

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

1. The following is a work report of each department in the Engineering Section for the week ending 4 November 1944.

AERO REPAIR

Continued work on airplanes B-24G, 42-78444, B-24H, 42-95342, 41-28676, B-24J, 44-41335. Completed work on B-24J, 42-78589. New ships received, B-24J, 42-51616, flak damage, Tokio change, empennage change and engine change. B-24J, 44-10632 and 42-51662, flak damage left wing. B-24J, 42-51923, flak damage right wing. Three salvaged airplanes on hand. Technical Order 02-1-1 complied with on 9 engines, engines shipped to Depot.

ARMAMENT SHOP

Salvaged 8 turrets, salvaged, tagged and turned into supply miscellaneous armament equipment from 2 planes. Bench check on 3 M computing sights. Installed ring and retracting mechanism on a ball turret. Winterized Armament Shop.

CARPENTER SHOP

Received 3 work orders, completed 4, 3 on hand. Completed winterizing on Squadron Weapons Carrier. Winterized 1 Jeep for the Bomb Group. Working on the winterization of 1 Squadron Jeep. Made 2 doors and 7 windows. Made 1 picture frame for 37th Headquarters. Miscellaneous work for mess hall, mobile units, Tech Supply and Squadron Shops.

ELECTRIC SHOP

Received 2 work orders, completed 3, none on hand. Checked and repaired 5 generators, type P-1, 10 regulators, generator voltage, 3 switches, generator relay, 2 conduits, generator to firewall, 3 solenoids, starter meshing. Recharged 15 batteries, 2 batteries initial charged and 5 gallons of water distilled. Ten man hours maintenance of Squadron lighting system and 4 man hours on aircraft electrical equipment.

INSTRUMENT AND BOMB SIGHT SHOP

Received 9 work orders, completed 12, 11 on hand. Checked and repaired 4 amplifiers, 2 switch selector manifold, 5 clock assy A/C 8 day, 2 transmitter oil pressure, 1 indicator thermometer oil temp. 1 cylinder head temp., 1 remote indicator compass, 1 transmitter fuel pressure, 1 transmitter remote compass, 5 gyro horizon, 3 indicator assy, 6 generator tachometer, 3 rate of climb indicator, 1 altimeter, 4 airspeed indicator 5 watch navigation type A-11, work accomplished without work orders - 3 tube assys, 1 indicator tachometer, 1 compass transmitter remote 1 voltmeter, 4 inverter, 4 main "J" box and 1 manifold pressure selector.

Exhibit - 1

MACHINE SHOP

Received 22 work orders, completed 17, 10 on hand. Repaired 1 fitting for a compressor, 1 hydraulic jack cylinder and 2 gears from a power pressure pump. Modified 28 B-10 shackles and 3 pivot shaft assemblies. Manufactured 8 special bolts. Miscellaneous cutting, drilling, tapping and milling for the Bomb Group and the other shops in this Squadron.

PAINT SHOP

Received 4 work orders, completed 4, none on hand. Painted call letters on 7 ships, painted 35 signs, 1 status board, 60 helmet liners, 1 Jeep, 2 Radar ships and 1 file cabinet. Painted the Group insignia on 1 ship. Cut 18 - 3" stencils by hand and cut 50 stencils by machine.

PARACHUTE SHOP

Received 4 work orders, completed 4, none on hand. Inspected and re-packed 175 parachutes and modified 20. Manufactured 2 Jeep tops, 10 pitot covers, 1 turret cover, 1 weapons carrier cover and 9 curtains. Repaired 4 mechanics jackets, 2 flying shoes and 1 GMC top.

PROPELLER SHOP

Checked and repaired 6 props, balanced 1 and prepared 3 blades for shipment to Depot. Greased 2 props on the Cessna.

SHEET METAL SHOP

Received 12 work orders, completed 13, 3 on hand. Continued sheet metal work on 3 ships, B-24H, 41-28876, B-24G, 42-78414, B-24J, 44-41335. Completed the sheet metal work on B-24H, 42-95342. Completed 1 other ship that was picked up this week, B-24J, 42-50906 - flak holes in horizontal stabilizer, bulkhead Sta. 1 damaged. New ships picked up, B-24J, 44-10632, flak damage left wing, 42-51923, flak damage right wing, 42-51662, flak damage left wing and 42-51616, general flak damage. Manufactured 7 bomb sight guards, 50 venturis, 3 hydraulic tubes for tail turret and 1 pressure ling. Cut 5 camera mounts and 2 plexiglass windows. Six plexiglass turrets repaired.

WELDING SHOP

Completed 22 work orders, recieved 24, 4 on hand. Welding done on engine mounts, crew chief stands, trailer hitches, stove pipe, stoves, brazing and cutting done on some of the above mentioned items and many other miscellaneous jobs.

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