

Single Sortie - one aircraft
Flying time - 5.9 hours
Consecutive drops - 37
US Gallons - 265, 000 (1,000,000 litres)

Specifications

Manufacturer: Glenn L. Martin Company
Powerplant: Four Wright Cyclone R3350-24WA
engines @ 2500h.p. each (1865 kw)
Curtiss Electric 4-blade propellers with a
blade diameter of 15 ft. 2 in. (5 m)
Overall Length: 120 ft. (36m)
Height: 48 ft. (14.63 m)
Hull Beam: 13.5 ft. (4.12 m)
Hull Draft: 5.5 ft. (1.68 m)
Wing Span: 200 ft. (61 m)
Gross Weight: 162,000 lbs. (73,483 kg)
Water/Foam Load: 60,000 lbs. (27,216 kg)
Cruising Speed to Fire: 190 mph (305 kmh)
Drop Speed: 138 mph (220 kmh)
Landing Approach Speed: 115 mph (185 kmh)
Touchdown Speed: 92 mph (148 kmh)
Fuel Consumption (Cruise): 420 US gal (1590 lph)
Fuel Consumption (Operations): 780 US gal (2,955 lph)
Fuel Capacity
Hawaii Mars:
Philippine Mars:
6,485 US gal (24,550 Litres)
13,200 US gal (49,962 Litres)
Operations Duration (normal): 5 1/2 hours
Area Covered, single drop: 3 to 4 acres (1.2 to 1.6 ha)
Drop Height: 150 to 200 ft. (45m to 61m)
Full Tank Load: 7,200 US gal (27,276 Litres)