

GLOSTER GREBE NZ501



In 1928 the Gloster Aircraft Co supplied three ex-Royal Air Force, refurbished and updated Gloster Grebe aircraft using a financial gift from Sir Henry Wigram to set up the New Zealand Permanent Air Force. NZ501 was the first of these aircraft to arrive at Wigram.

GLOSTER GREBE SPECIFICATIONS	
GENERAL CHARACTERISTICS	
Crew	1
Length	20 ft 3 in (6.17 m)
Wingspan	29 ft 4 in (8.94 m)
Height	9 ft 3 in (2.82 m)
Wing Area	254 sq ft (23.6 m²)
Empty Weight	1,720 lb (780 kg)
Gross Weight	2,614 lb (1,186 kg)
POWERPLANT	
Engine	1 x Armstrong Siddeley Jaguar IV, 14-cylinder air-cooled radial piston engine
Rating	400 hp (300 kW)
PERFORMANCE	
Max Speed (at sea level)	152 mph (245 km/h, 132 kn)
Max Speed (at 10,000 ft / 3,000 m)	145 mph (233 km/h)
Endurance	2 hours 45 minutes
Service Ceiling	23,000 ft (7,000 m)

DETAILS OF THE MODEL

Stephen Powell
Model Aircraft Builder

Stephen crafted this 1/10 scale model in 1928 factory livery to visualize the project before we commence our full-scale, airworthy reproduction.

The varnish-tensioned, dual-layer tissue-over-film airframe replicates the original fabric skin. A carved wooden propeller fronts the engine, which is assembled from plastic, wood, metal, and custom-molded clay cylinders.



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