



de Havilland Chipmunk Cockpit

This is the cockpit section of the aircraft our flight simulator portrays. The Chipmunk was designed and built in Canada in 1946 to replace the Tiger Moth. The RAF adopted it as a basic trainer and some remained in service until 1996, latterly being used for air experience flying for Air Training Corps cadets. Both the Duke of Edinburgh and the Prince of Wales learned to fly on Chipmunks and 2 remain in service with the Battle of Britain Flight for transition training on flying tail-wheel aircraft.

General characteristics

Crew: 2, student & instructor
Length: 25 ft 5 in (7.75 m)
Wingspan: 34 ft 4 in (10.47 m)
Height: 7 ft in (2.1 m)
Wing area: 172 ft² (16.0 m²)
Weight (empty): 1,517 lb (646 kg)
Weight (loaded) : 2,014 lb (953 kg)
Max Takeoff Weight: 2,200 lb (998 kg)
Engine: DH Gipsy 1C, 145 hp

Performance

Max Speed: 120 kn, at sea level
Cruise Speed: 90 kn
Range: 225 NM (445 km)
Service Ceiling: 15,800 ft (5200 m)
Rate of Climb: 900 ft/min (274 m/min)
Wing Loading: 11.709 lb/ft² (57.82 kg/m²)
Power/Mass: .072 hp/lb (.113 kW/kg)



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