

Airdrome Aeroplanes

Royal Aircraft Factory S.E.5a



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- The S.E.5 (Scout Experimental 5) was Designed by by the Royal Aircraft Factory in Farnborough.
- It was built around the new 150 HP Hispano – Suiza engine.
- The first prototype flew on 22 Nov 1916.
- The S.E.5a was known in service as an exceptionally strong aircraft with very good lateral control at low speeds. The S.E.5a was inherently stable making it an excellent gunnery platform while being quite maneuverable. While not as agile as the Camel in a tight dog fight it was much easier to fly particularly for novice pilots.
- In total 5,265 Se5's were built by six manufactures 38 of these Austin –built S.E.5a were assigned to the American Expeditionary Force with the 25th Aero Squadron.

Airframe Specification

- Wingspan 26'-7"
- Length 20'-11"
- Height 9'-6"
- Cockpit width 28"
- Empty weight 682 LBS
- Useful load 300 LBS



Airframe Specification

- Wing area 244 Sq. Ft
- Wing loading 3.78 LBS/Sq. Ft
- Power to weight ratio: 8.9 LBS/Hp



Performance Specification

- Stall speed 30 Mph
- Cruise speed 75 Mph
- Top speed 90 Mph
- Rate of climb 960 Fpm



Powerplants

- Horse power range: 85 – 110 Hp
- Engine options:
VW 2180 Cc with redrive
Or
Geo Tracker





N 1667









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