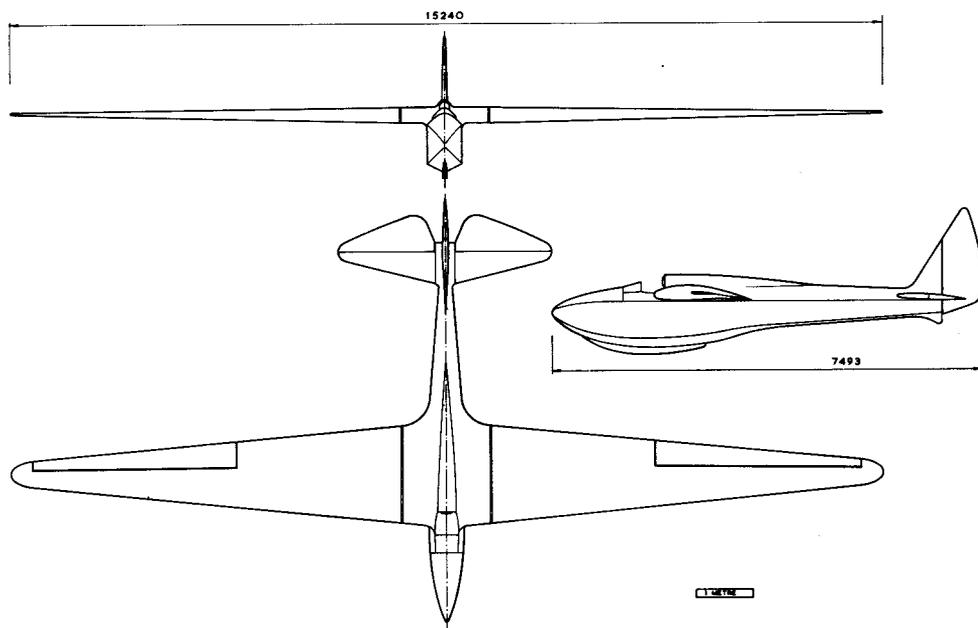


AIRSPEED A.S. 1. TERN



A single-seat sailplane of conventional spruce and ply construction. Designed by A. H. Tiltman and N. S. Norway, and built by Airspeed Ltd., York.

Wing span: 15.24 m., 50' 0". *Length:* 7.49 m., 24' 7".

Wing area: 18.7 sq.m., 201 sq.ft. *Aspect ratio:* 12.4.

Two piece cantilever mid-wing, with small fixed centre section.

Undercarriage type: Main skid, plus tail skid. Optional detachable wheels. No airbrakes, or flaps.

Weights: A.U.W. 188.24 kg., 415 lbs.

Wing loading: 10.05 kg./sq.m., 2.06 lbs./sq.ft.

Speeds: Cruise, 55–65 km./h., 35–40 m.p.h. Stalling, 40 km./h., 25 m.p.h.

Towing, max. 112 km./h., 70 m.p.h.

Max. L/D: 25.

First flight of prototype, August, 1931, at Sherburn-in-Elmet, Yorkshire. Price in 1931 was £248, ex works.

AIRSPEED A.S. 2

This Airspeed type number was reserved for a follow-up to the Tern but A. H. Tiltman now does not recall any work being carried out on such a project.

AIRSPPEED Ltd.

Tern

C/n. 1 BGA 190; c/n. 2 Not reg.; c/n. 3 Not reg. Total: 3

C/n. 3 was completed by Dart Aircraft Ltd., Dunstable.

After the last war, A. Coulson, of Newcastle, purchased the last two Terns, c/n. 2 and 3, one from Dunstable and the other from Bristol. Out of these he built one glider, without the rear fuselage top decking, reduced the height of the rudder, and added dihedral to the wings. He later sold this Tern to an R.A.F. Gliding Club, at Cardington, Bedfordshire.

Horsa 1

Prototypes, built by Airspeed. DG 597, 603, 609. DK 346, 349, 353.
DK 358. Total: 7

Production, built by Harris Lebus.

DP 279-294, 303-315, 329-353, 368-399, 412-440, 484-506, 513-562,

DP 567-575, 592-631, 644-681, 689-713.

LG 662-699, 713-749, 761-798, 814-856, 868-896, 911-952, 966-999.

LH 113-154, 167-189, 202-249, 263-301, 316-359, 373-415, 429-476,
490-536, 549-583, 597-601.

RJ 245-287, 290-316, 330-359.

RN 523-568, 583-625, 638-679, 693-738, 752-795, 809-850, 865-902,
RN 918-941.

RX 595-634, 647-688, 700-717.

Total built by Harris Lebus "group": 1460

Production, built by Austin Motor Co.

DP 714-726, 739-777, 794-841.

HG 736-770, 784-819, 831-880, 897-944, 959-989.

LF 886-923, 937-963.

Total built by Austin Motor Co.: 365

Production, built by Airspeed Ltd., Christchurch.

HS 101-150.

LH 942-976, LJ 101-144, 157-193, 206-241, 256-291, 303-334.

PF 690-725, 739-770, 786-817. RJ 111-143, 150-196, 212-231.

Total built by Airspeed Ltd.: 470

The total number of Horsa 1 gliders built was 2295 production examples, plus the 7 prototypes, making a grand total of 2302. Orders for another 914 were cancelled during the war, these being in the serial ranges ES 372-902, HT 525-HV 162, LG 511-658.