



THE SAVOIA S.52 AND S.58 BATTLE 'PLANES: General arrangement drawings.

design. Also, the lower plane of the "58" is smaller, both in chord and span, than that of the "57," although the dimensions of the top plane are much the same in both types. This results in adding to the stagger effect in the "58," for the trailing edges of the top and bottom planes being practically in line, the leading edge of the top plane is well forward. The wings are of the two-bay-with-dihedral-on-lower-plane type, and the 300 h.p. Hispano engine is enclosed in a neat streamline radiator-in-nose nacelle mounted high up close to the top plane. The hull is of the single-step, concave-bottom Savoia type.

The first model of this type, as soon as it was completed, established a world's altitude record (5,831 m.=19,125.6 ft.) for seaplanes with 250 kgs. load, on August 25, 1924, piloted by pilot Bacula.

The principal characteristics of the S.58 are :-

Span	36 ft. 10 ins. (top), 32 ft. 7 ins. (bottom).
Chord	5 ft. 11 ins. (top), 5 ft. 5 ins. (bottom).
Gap	5 ft. 10 ins.
O.A. length	30 ft.
Height	8 ft. 9 ins.
Wing area	356.35 sq. ft.
Weight, empty	2,205 lbs.
" fully laden	2,932.6 lbs.
" per sq. ft.	8.1 lbs.
" per H.P.	9.7 lbs.
Speed range	50-155 m.p.h.
Climb to 3,280 ft.	1 min. 45 secs.
" to 16,400 ft.	20 mins. 15 secs.
Range	2 1/2-3 1/2 hrs.

Borneo Being Surveyed from the Air

THE Air Survey Co., Ltd., has a busy time before it in connection with aerial survey work in the East and elsewhere. Two seaplanes and three pilots, including Mr. R. C. Kemp and Mr. F. P. Raynham, and also several European and Borneo assistants, are at present employed by the Royal Dutch oil interests in carrying out an aerial survey of 1,400 square miles of country in Sarawak, North Borneo.

Aviation in the Far East

We learn from the *Pinang Gazette* that on May 23 the Royal Air Force Association of Shanghai opened new headquarters in the Hongkong Bank Building, Capt. V. J. B.

Holland, presiding over the ceremonies. The Association is to protect and promote British flying interests in the East and will also serve to unite R.A.F. men. Efforts are being made to obtain two machines from England.

"A Flying Visit to the Middle East"

THE travel notes made by the Secretary of State for Air (Sir Samuel Hoare) during his recent visit by aeroplane to Iraq and Palestine, when he was accompanied by Mr. Amery, the Colonial Secretary, will be published by the Cambridge University Press this month. The book, based upon the lectures that he has recently given, will be entitled "A Flying Visit to the Middle East."