Spot them in the Air!





DAILY MIRROR





Vickers Supermarine "Spitfire"

This all-metal fighter, our fastest, has already given a warm welcome to Nazi raiders. A 1,030 h.p. Rolls-Royce "Merlin" engine gives it an official speed of 367 m.p.h., and you can be sure it can do more than that. The "Spitfire" is of all-metal stressed-skin construction, and from its wings spit eight Browning machine guns. This little terror of the air is 36ft. 10in. in span and 29ft. 11in. long, and climbs to 11,060ft. in just under five minutes. Its rudder is smaller and more elongated than that of the "Hurricane," and its wings more pointed and with a definite curve on the trailing edge.



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Junkers 88

This is a comparatively small fast bomber and reconnaissance machine (similar to our "Blenheim"). It is powered with two 1,100 h.p. Jumo motors and carries a crew of three, and three machine guns. A more recent model, the Ju. 88K. is supposed to have a top speed of about 300 m.p.h. and a range of 1,300 miles; so the performance of the Ju. 88 is almost certainly quite a bit lower. D'stinctive features are the short nose-shorter than is usual on German aircraft of this type, the way the engine nacelles hang below the wing, and the straight lines of the fuselage when seen from the side. The break in the trailing edge towards the wing tips is also distinctive, and the fuselage projects slightly beyond the rudder.





Dornier 215

This is one of the latest Nazi bombers, known as the "Flying Pencil," from its slim profile. It has a top speed of 292 m.p.h. and a range of 1,490 miles. Latest models have 1,100 h.p. inverted vee twelve-cylinder Daimler-Benz engines. Span is 59ft. 3in. and length 55ft. 5in. A bomb load of 1,500lb. is carried inside the fuselage. The machine carries three guns, one in a turret underneath, and is operated by a crew of three. An earlier version, the Do. 17, has a speed of 260 m.p.h. and a prominent top turret, but is "blind" underneath, as some of our fighter pilots have discovered. Chief features are the twin rudders. semi-circular wing tips, slender rear fuselage, and a comparatively bulky nose. It is about the same length as our "Hampden," but the span is nearer that of the "Blenheim."



Hawker "Hurricane"

This machine has been giving an excellent account of itself in France against reconnoitring Nazi aircraft. It has a 1.030 h.p. Rolls-Royce "Merlin" engine and a top speed of about 360 m.p.h. with a range of 850 miles. In construction the fuselage is of wood, covered with fabric, and eight machine guns are housed in the wings, four each side, firing outside the airscrew disc. Its span is 40ft, and its length 31ft. 6in. Its wheels retract inwards, and in plan its leading and trailing edges are straight. A further distinguishing feature is the large radiator placed centrally on the fuselage, under the centre-section of the wing.



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