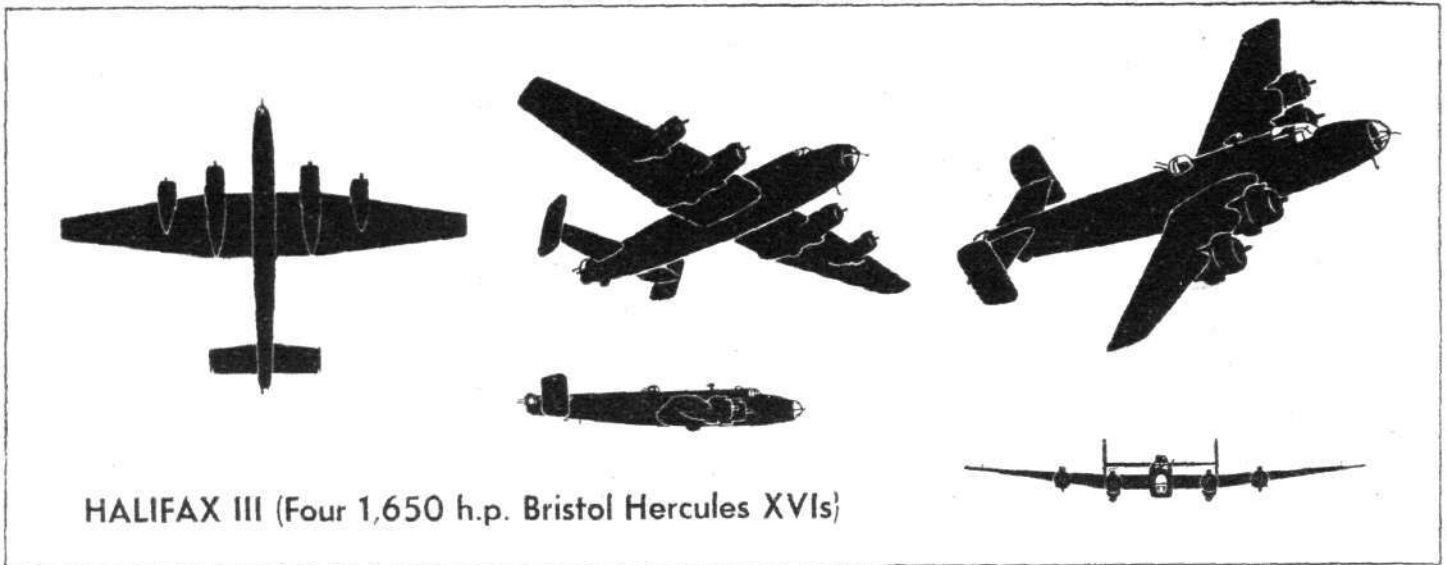


Studies in Recognition

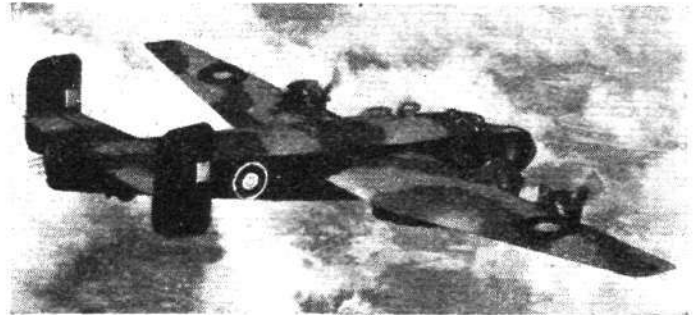
Aircraft in Flight



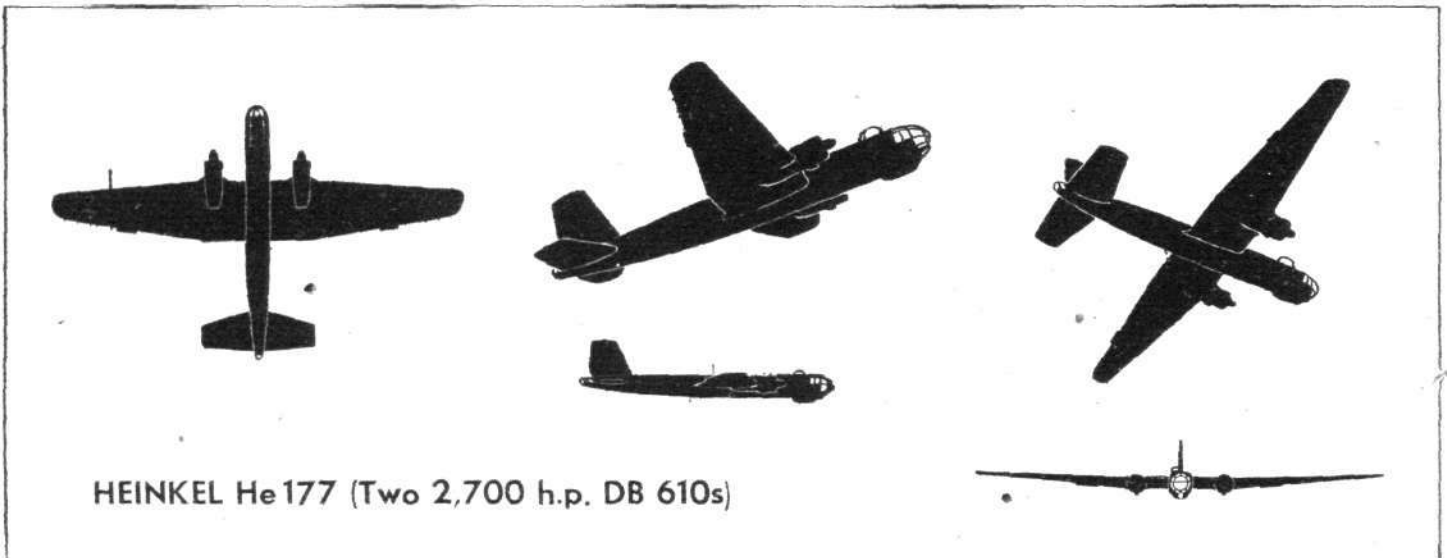
HALIFAX III (Four 1,650 h.p. Bristol Hercules XVI's)

THE most important difference between the Handley Page Halifax III and the previous marks is the fitting of four 1,650 h.p. Bristol Hercules XVI sleeve-valve radial engines instead of in-line 1,280 h.p. Rolls-Royce Merlin XXII's.

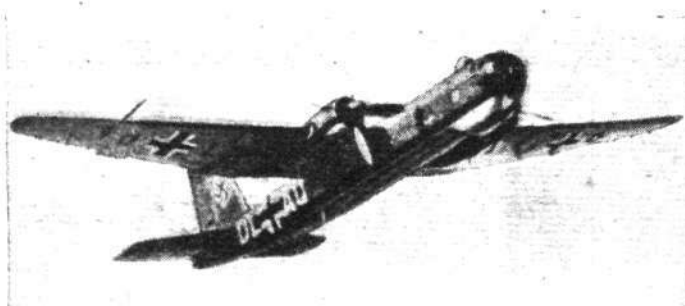
Another modification embodied in the Halifax III is an increase of wing span by 5ft. The square tips were retained in a number of the first Halifax III's to go into service, but the latest versions have rounded tips; both forms of wing tip, therefore, will be seen. The fuselage remains virtually unchanged, having the rounded transparent nose mounting a single Vickers K gun. The rest of the armament consists of four-gun dorsal and tail turrets. The tail unit is also unchanged, having twin vertical trapezoidal fins and rudders. Dimensions: Span 104ft., length 70ft. 1in., height 20ft. 9in., wing area 1,275 sq. ft.



Handley Page Halifax III Heavy Bomber



HEINKEL He 177 (Two 2,700 h.p. DB 610s)



Heinkel He 177 Heavy Bomber

GERMANY'S newest heavy bomber, the Heinkel He 177, originally had two DB 606 units, each composed of two DB 601 engines coupled together behind circular radiators. This arrangement remains the same on current versions, but DB 610 units consisting of two coupled DB 605 engines are now fitted. Top speed is about 300 m.p.h.

Armament now comprises a 20 mm. cannon in the tail and a number of smaller calibre guns in dorsal, lateral and ventral positions, the dorsal turret being well forward. Other recognition points include flat rectangular centre-section and tapered outer-panels with round tips; tapered tailplane with square tips; large, angular, single fin and rudder; long, slab-sided fuselage with blister beneath round transparent nose. Dimensions: Span 103ft. 5in., length 66ft. 6in., height 15ft., wing area 1,000 sq. ft. (approx.).