



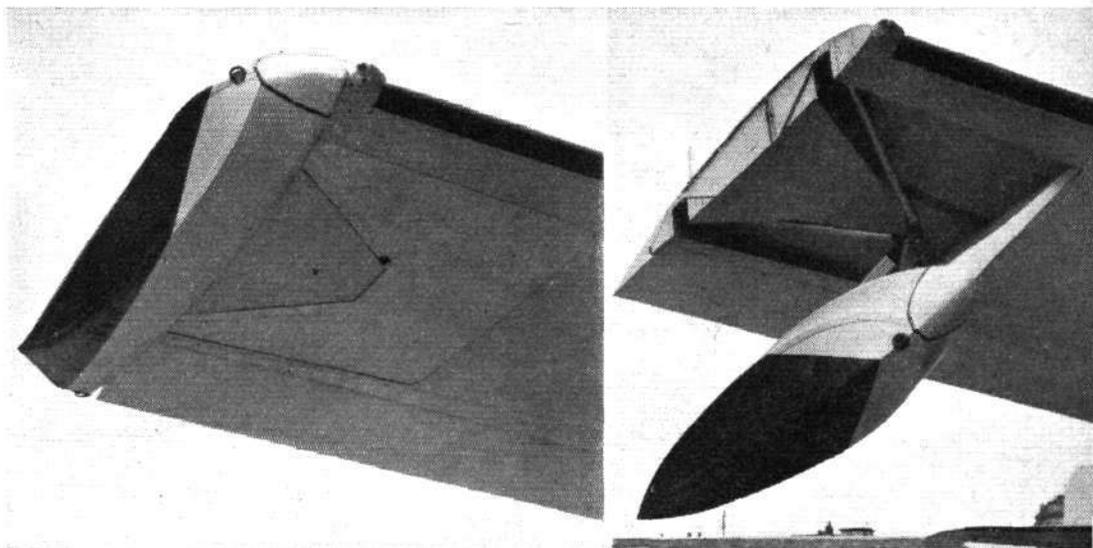
PICTORIAL SPECIFICATION

A Photographic Study of a Notable American Flying Boat

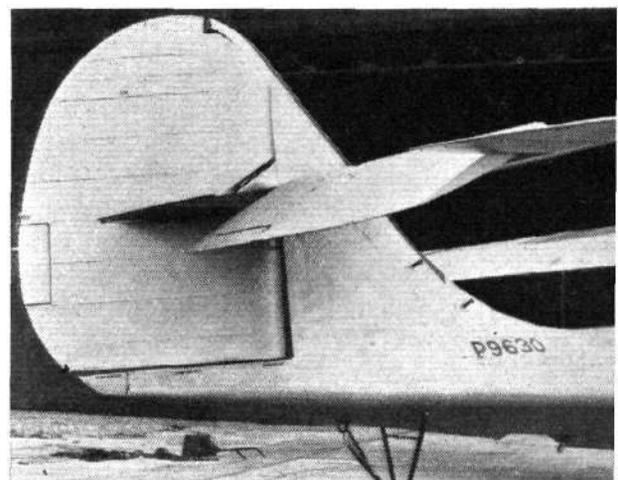
(Illustrated with "Flight" photographs)

THROUGH the courtesy of the Air Ministry, who have acquired the machine for experimental purposes, *Flight's* chief photographer was able at Felixstowe last week to "go to work" on the American Consolidated Model 28-5 twin-engined flying boat. This machine was lately flown across the Atlantic from Botwood, Newfoundland, to the Marine Aircraft Experimental Establishment at Felixstowe after having flown to Botwood from the Consolidated factory in San Diego.

In all essentials the machine resembles the PBY machines, more than 200 of which are being supplied to the U.S. Navy and which have replaced destroyers for scouting and reconnaissance duties. Despite its comparatively low wing loading, the 28-5 is claimed to have a maximum range of more than 4,200 miles. The engines are two Pratt and Whitney Twin Wasps and the top speed is claimed to be over 200 m.p.h.



The characteristic features of the Consolidated 28-5—large wing area, retractable wing-tip floats and peculiar hull formation—are apparent in the top view on this page. Below it are close-ups of the float retracted and partially extended while on the right is a study of the tail with its single fin and very large rudder, the former built integral with the hull. Below, on the left, is a view which shows more details of the tail, the broad hull and the termination of the step. Finally, there is a view of the bows showing the location of the bomb aimer's window and the gun turret.



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