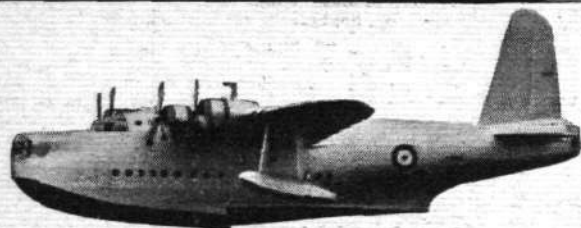


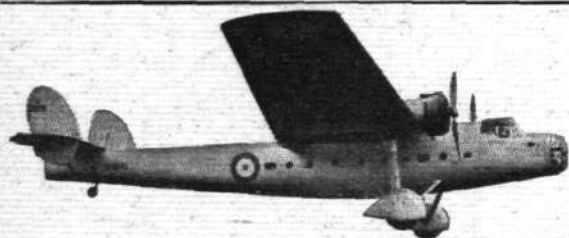
**'NORAL' ALUMINIUM
IN THE FRONT LINE OF
THE ROYAL AIR FORCE**

SUPERMARINE "SPITFIRE"

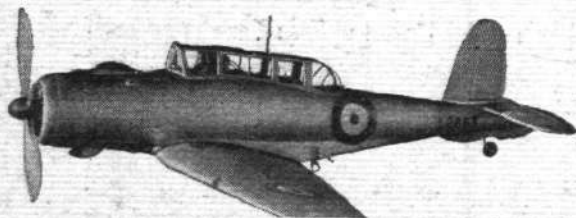
Another front rank fighter relying on the lightness and strength of 'Noral' alloys. ('Flight' photo)



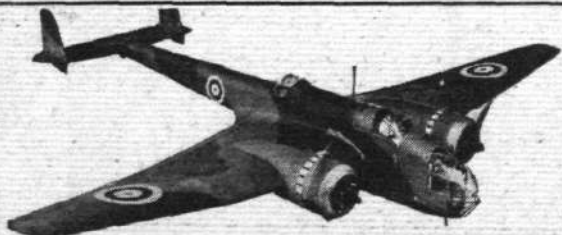
SHORT "SUNDERLAND": Eight tons of 'Alclad' and 'Noral' products are used. ('Flight' photo)



BRISTOL "BOMBAY": 'Noral' 'Alclad' sheet is used and extruded sections in the wings. ('Aeroplane' photo)



BLACKBURN "SKUA": constructed of 'Noral' 'Alclad' sheet and extruded sections. ('Flight' photo)



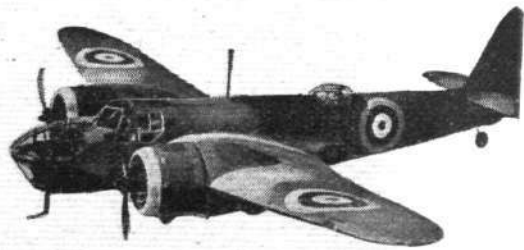
HANDLEY PAGE "HAMPDEN": 'Noral' alloys for skin coverings, main-wing extruded sections and castings. ('Aeroplane' photo)

A.C. 24

The efficiency and phenomenal speed of modern aircraft are largely due to the great development of aluminium alloys that has taken place in recent years. Without the lightness and strength of aluminium, without its freedom from corrosion, and its exceptional formability, it is doubtful whether the Supermarine 'Spitfire' could fly at nearly 400 m.p.h. or the Bristol 'Blenheim' would be the formidable bomber it is.

All the R.A.F. machines illustrated and many others use large quantities of 'Noral' aluminium products in the form of extruded sections, sheet, high-strength castings and forgings for airscrews and engine parts.

The Northern Aluminium Co. Ltd., of Banbury and Birmingham, Britain's largest producers of aluminium alloy products for aircraft construction, maintains a large research laboratory which is constantly improving the properties of 'Noral' aluminium products in order to keep pace with the exacting demands of the British aircraft industry.



BRISTOL "BLENHEIM": 'Noral' 'Alclad' sheet used for every main structural element. ('Aeroplane' photo)

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