Curtained Bullet-Proof Glass

A useful contribution to the safety of our aircraft crews is being made by British Indestrocto Glass, Ltd., who have recently opened a new section of their works. The manager of this new section is Mr. R. H. Moon, who has for several years been working on improvements in plastic fittings for aircraft, and is now able to put some of the fruits of his research into production.

Among the important innovations that have been introduced by British Indestrocto Glass, Ltd., is a single laminated safety glass, which is bullet-resistant and is composed of several laminations of glass and acetate interlayer. This glass can be made up to 2,14 in. in thickness. Double-curvature laminated safety glass of the thinnest gauges is also produced, and in both cases British Indestrocto Glass, Ltd., have done the pioneering and development work in this important field of military aircraft production.

Definite Advancement

The effect of these improvements can be easily seen when we remember that they have been able to overcome a barrier which has so far been produced is flat. Various synthetics have been extensively used for double-curvature surfaces, but they have inherent disadvantages which can now be overcome by the use of glass. The outcome of the manufacture of these various types of curved glass now in production is that the same shapes and transparency may be used, with additional strength and durability.

We believe we are correct in stating that this is the first time that it has been possible to manufacture the single, bullet-resisting and double-curvature glass, and it is the home of the non-ferrous industry, naturally has first-claim.

In some instances aircraft manufacturers have purchased ordinary curved glass in the U.S.A.—

Seeing it Through

An indication of the importance attached to X-ray testing of materials in the non-ferrous and welding industries is to be found in the news that Commercial X-Rays, Ltd.—personal concern—have decided to open a branch complete with laboratories at Birmingham.

Industrial applications of X-rays have advanced so rapidly in recent times that some difficulties have arisen in delivering machinery pieces to their destination. To overcome this hindrance the intention of Commercial X-Rays, Ltd., to establish branches in all the principal centres of industry, but the Midlands, as the home of the non-ferrous industry, naturally has first-claim.