



## An Angle of Attack Indicator

has emerged from an intensive Kollsman development and flight research program with promise of considerable usefulness to the industry. Because of the close relationship that angle of attack bears to aerodynamic efficiency of the aircraft, this indicator offers interesting possibilities in its application both to long range fuel saving problems and to the indication of safe flight speeds of the aircraft. In the Kollsman system the position of a freely moving vane operating in the airstream is remotely indicated on the pilot's instrument panel, giving constant indication of the angle at which the main airfoil is striking the airstream. Reference markers on the dial may be set at pre-determined positions in the manner shown in the illustration to designate the stall point and also the most efficient angle of attack. Provision for a visual or audible stall warning signal is included. The unit also may be used as a yawmeter.

## KOLLSMAN AIRCRAFT INSTRUMENTS

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