

Incidence Indicator

The incidence indicator was an instrument invented by Orville to show the angle of incidence of an airplane in flight, a contribution to the safe operation of an aircraft.

Early model of incidence indicator designed by Wrights.

Franklin Institute 2002; J Franklin In, v. 252, Aug. 1951: 192; SMIN 42,772-A

Wright incidence indicator manufactured by the Wright Company, Dayton, about 1913.

LC-BECK; Franklin Institute 2002; J Franklin In, v. 252, Aug. 1951: 192. Similar, with different name plate and with air vane at slightly different angle: MCFWP 231; Aero and Hydro, v. 6, Aug. 9, 1913: 380; Aeronautics, v. 12, Aug. 1913: 58; Aircraft, v. 4, Sept. 1913: 159; SMIN A3514; SMIN 42,772

Rear view of Wright incidence indicator.

SMIN A3513

Front and rear views of disassembled Wright incidence indicator.

SMIN A3515; SMIN A3516

Incidence indicator mounted on strut of Wright model E airplane.

SMIN A3512; SMIN 30,811