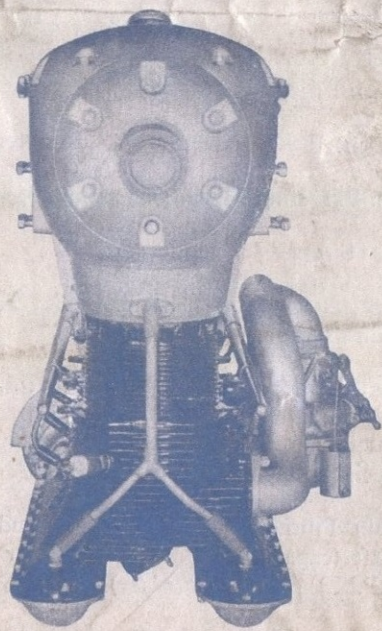
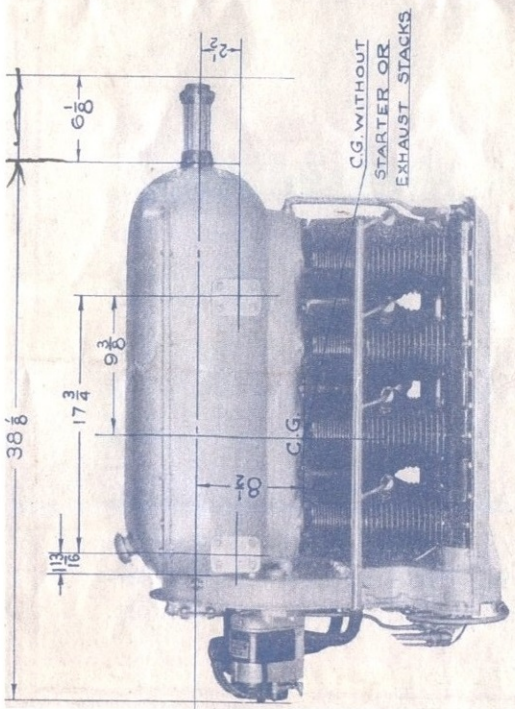


PRESENTS ITS

Model D-333

4 Cylinder in line, Inverted,
 Air Cooled, Aircraft Motor



Mr. Louis Chevrolet

Out of his vast wealth of experience in the Automotive Industry—as a driver, designer and builder of successful racing and commercial motors and Automobiles

*Now Presents
to the Aviation Industry*

THE
CHEVROLET AIRCRAFT MOTOR

Model D-333

*4 Cylinder in line, Inverted,
Air Cooled*

The first of a series of motors embodying best known principles of design and engineering—to secure

*Greater Dependability—
Longer Life and
Higher Efficiency*

SPECIFICATIONS

TYPE—4 cylinder in line—Inverted Air cooled.

BORE—4.5.

STROKE—5.250.

100-110 at 2000-2100 R.P.M.

H. P.—(Normal)—

CYLINDERS—Chrome-Molybdenum Steel.

CYL. HEAD—Aluminum Alloy—Screwed and shrunk on Cylinder with special exhaust outlet between cam shafts. (*Pat. applied for*)

PISTONS—Aluminum Alloy—4 rings.

CONNECTING RODS—Duralumin forging—babbitt lined.

CRANK SHAFT—Chrome Nickel Steel.

MAIN BEARINGS—(5)—2½" diameter.

CRANK PIN BEARINGS—2¾" diameter.

OIL PRESSURE—Dual gear pump.

CAM SHAFT—(2)—under head.

CAM SHAFT DRIVE—Triple link chain and train of gears. (*Pat. applied for*)

IGNITION—2 Robert Bosch Magnetos.

CARBURETOR—1 Zenith down-draft with special hot and cold air control.

FUEL PUMP—Special-driven from end of cam shaft (capacity—20 gallons per hour at 1000 R.P.M.) (*Pat. applied for*)

WEIGHT—280 pounds.

In addition to the decided advantage of greater visibility with higher propeller clearance, the Chevrolet Aircraft Motor gives:

1. Better cooling, on account of cylinder head being under nose of ship.

2. Longer life to valves and valve-operating mechanism, the valves, guides, springs, lifter cups and cam shafts being flooded with oil which keeps them at an even temperature and greatly lessens the wear on these vital parts.

3. Better average working temperatures, due to the location of exhaust ports under the cylinder head, giving easier passage for the cooling air from the side scoop.

Only the best of materials and the highest standards of engineering are used in the construction of this motor—

Its clean, trim lines lend themselves readily to the stream-lining of the airplane.

Absolute freedom from customary oil leaks, assures the Pilot, flying back of the Chevrolet Aircraft Motor, a maximum of comfort.