



January 21, 1932

452.8.

HERE'S PROOF!!

We have talked a lot about the advantages of the MARTIN 333 four cylinder, in-line, inverted, air-cooled aircraft engine. Naturally, since we have raised the motor from an idea to a fact, we felt qualified to brag about it!

But -- here's a record that speaks for itself -- which, in fact, draws a path of irreproachable performance around the world, where Charles Healy Day flew his MARTIN powered plane over mountains, through wind storm, rain storm, sand storm, and desert heat, encircling the globe.

Mr. Day selects these good points of the MARTIN 333 as particularly valuable during his 15,000 mile flight:

- Fuel consumption under 6 gallons per hour.
- Maximum power output maintained under the most severe temperature conditions.
- Repair simplified by MARTIN design.
- Maintenance simplified by elimination of rocker arms, and push rods -- a special MARTIN feature.

Buy a MARTIN engine, and install it in your ship. In this way, as in no other, the advantages of the MARTIN 333 will be evident to you.

Very truly yours,

THE GLENN L. MARTIN MOTORS COMPANY

Frank Manning

Frank Manning
Assistant Sales Manager

FM:FB

GLENN L. MARTIN
SPECIFICATION

For MARTIN 333 Aircraft Engines

THE GLENN L. MARTIN MOTORS COMPANY of
Baltimore, Maryland

GENERAL:

Martin 333 aircraft engines are built and equipped substantially in accordance with the following specifications:

ENGINE SPECIFICATIONS:

TYPE four cylinder, in-line, inverted, air-cooled.

BORE 4.50 inches.

STROKE 5.25 inches.

COMPRESSION RATIO 5.3 to 1.

B.M.E.P. 136 lbs. per sq.in.

DISPLACEMENT 333 cu.in.

GUARANTEED POWER ON ANTI-KNOCK GASOLINE 120 H.P. at a crankshaft speed of 2100 r.p.m. corrected to 60° F. carburetor air temperature and 29.92 inches barometer.

FUEL CONSUMPTION Not to exceed .48 lbs. per actual horsepower hour at full throttle at rated speed.

WEIGHT The weight of each engine, without propeller hub, oil starter, fuel pump, or additional equipment as listed below, but with down draft carburetor, magnetos, oil pump, air scoop, spark plugs and high tension wiring, shall not exceed 267 lbs.

PROPELLER SHAFT S.A.E. No. 10 spline.

ADDITIONAL EQUIPMENT The following additional equipment is furnished with each engine:

- (1) Instruction book
- (1) Tool kit 5.07 lbs.
- (4) Exhaust flanges with gaskets. 91 lbs.
- (1) Starter hole cover .26 lbs.
- (1) Fuel pump hole cover .15 lbs.

PACKING Each engine will be delivered carefully packed for domestic shipment, unless otherwise designated in the contract, in a packing box especially made to insure safe transportation under normal conditions. Weight, crated for domestic shipment, 460 lbs. Volume of box, 29 cu.ft.



SPECIFICATION

For MARTIN 333 Aircraft Engines

THE GLENN L. MARTIN MOTORS COMPANY of
Baltimore, Maryland

GENERAL:

Martin 333 aircraft engines THE GLENN L. MARTIN MOTORS COMPANY
in accordance with the following specifications:

ENGINE SPECIFICATIONS:

Baltimore, Maryland

TYPE: Four-cylinder, in-line, inverted, air-cooled

BORE: 4.25 inches

STROKE: 5.25 inches

COMPRESSION RATIO: 16.1 to 1

U.S.S.P. 150 lbs. per sq. in.

DISPLACEMENT: 141 cu. in.

price of \$800, F.O.B. Baltimore.

QUANTIFIED POWER ON ANTI-ICE MACHINE 120 H.P. at a crankshaft

speed of 2400 R.P.M.

and carry new engine guarantees.

FUEL CONSUMPTION: Not to exceed 25 lbs. per actual horsepower

hour at 2400 R.P.M.

specification sheet.

Each engine, without propeller hub, oil
separator, fuel pump, or additional equipment as listed below,
but with down draft carburetor, magnetos, oil pump, air scoop,
spark plugs and high tension wiring, shall not exceed 27 lbs.

PROPELLER SHAFT: S.A.E. No. 12 spline.

ADDITIONAL EQUIPMENT: The following additional equipment is furnished
with each engine:

- (1) Instruction book
- (1) Tool kit 5.07 lbs.
- (1) Exhaust flanges with gaskets 91 lbs.
- (1) Starter hole cover 26 lbs.
- (1) Fuel pump hole cover 15 lbs.

PACKING: Each engine will be delivered carefully packed for domestic ship-
ment, unless otherwise designated in the contract, in a packing box
specially made to insure safe transportation under normal conditions.
Weight of box for domestic shipment, 140 lbs. Volume of box, 29 cu. ft.

