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FIRM HEADED BY CHEVROLET

Will Begin Production Of Airplane Engines In City

Inverted Air-Cooled Four To Apear In March

HAS 120 HORSEPOWER

Six Starts Test Tomorrow Eights, Twelves Ready In Summer

Officials of the Chevrolet Aircraft Corporation, an airplane engine manufacturing subsidiary of the Glenn L. Martin Company, announced yesterday that the corporation will begin quanity production in March.

The first engine to be built will be the four-cylinder, inverted air-cooled power plant developed by Louis Chevrolet, president of the company and given an approved rating by the Department of Commerce.

Weighs 260 Pounds

This engine weighs but 260 pounds and develops 120 horsepower at 2,100 revolutions a minute, or one horsepower to 2.17 pounds of weight.

The engine has the highest brake mean effective pressure per square inch of any engine approved by the Department of Commerce, delivering at the propellor 136 pounds pressure for each square inch of piston area.

Construction In March

Construction of the engines will begin in March at the Martin plant, and an assembly line now is being installed. All the parts for the engine will not be manufactured in Baltimore at the outset.

The first engines are scheduled to come off the line March 20 and from that date on to June the engines will be produced at the rate of thirty a month. After June 1 production will be stepped up to fifty a month. A large part of the output already has been contracted for, it was said.

Test For Six

It also was announced that the new six-cylinder engine developed by the company, which is of the same type as the four and employs the same units, will be sent to Washington for its fifty-hour test in the Department of Commerce tomorrow.

This engine is expected to deliver 185 horsepower at 2,100 revolutions a minute and will weigh 375 pounds.

During the summer the company plans to produce engines of even larger types, including eights and twelves, all of which are air-cooled and inverted. The eights and twelves, however, will be of V-type construction.