

CC:mm

December 9, 1931

Gear Reductions and Fuels  
for Engine Test.

*add to card  
R*

The Glenn L. Martin Motors Company,  
Baltimore, Maryland.

*21*

Reference: Your letter of December 3, 1931, LC:FB.

1. This is in reply to the reference letter on the above subject.
2. If it is desired to increase the engine speed as pointed out in paragraph 2 of the reference letter, then a gear ratio which will result in a final propeller speed of between 1650 and 1700 r.p.m. full throttle would be satisfactory. This is, of course, based on full throttle level flight near the ground.
3. With reference to paragraph 3 of the reference letter, the engines in service are being run with gasoline having an octane rating of 58 without the addition of tetraethyl lead.

For the Chief of the Materiel Division:

C. W. HOWARD,  
Major, Air Corps,  
Chief, Engineering Section.

*452.8 - Six Cylinder Engine -  
Glenn L. Martin*

DEC 12 1931

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ENG.	<i>OB</i>
	<i>ADPC</i>
	<i>Feb Lyon</i>
PROC.	
F. S. S.	
ADM.	
I. W. P.	
FIN. BDG.	
EXEC.	