



Certification basis CAR 13 effective August 1, 1941  
Type Certificate No. 236 issued for C-115-1 and C-125-1 November 7, 1945;  
C-115-2 and C-125-2 added May 16, 1946.  
Application for Type Certificate dated June 8, 1945.

Production basis Production Certificates Nos. 7 and 508.

NOTE 1. Maximum permissible temperatures:  
Cylinder head bayonet thermocouple 550°F  
Cylinder barrel 300°F  
Oil inlet 220°F

NOTE 2. Pressure limits for normal operation:  
Oil - 30 - 40 p.s.i.g.

NOTE 3. The following accessory drive or mounting provisions are available:

<u>Accessory</u>	<u>Type of Drive</u>	<u>*Direction of Rotation</u>	<u>Speed Ratio to Crankshaft</u>	<u>Max.Torque (in.-lb.)</u>		<u>Maximum Overhang Moment (in.-lb.)</u>
				<u>Continuous</u>	<u>Static</u>	
Generator	Automotive	CC	2.035:1	50	600	100
**Starter	Automotive	C	35.77:1			
Fuel pump	Automotive diaphragm		0.500:1			

\*C - Clockwise viewing drive pad; CC - Counterclockwise.

\*\*Delco-Remy gear reduction drive and starter eligible on all models.

The following typical engine accessories are eligible at the indicated weight increases:

<u>Starter</u>	<u>Weight (lb.)</u>
Delco-Remy (Continental P/N 50309)	15
<u>Generator</u>	
Delco-Remy EX-33371 (Continental P/N 40435)	10
Delco-Remy No. 1101879 (Continental P/N X530190 (C-125-1, -2 only)	14
<u>Fuel Pump</u>	
AC diaphragm type No. 1539051 or Cont. No. 40585	2
<u>Miscellaneous</u>	
Air intake and filter assembly No. A-40692	3

NOTE 4. Dry weights are as follows:  
257 lb. with SF6LN-8 or -12 magnetos  
252 lb. with S6LN-21 or LA-6 magnetos

NOTE 5. The following spark plugs and/or those listed in CMI Service Information Letter SIL03-2 are approved on this engine:

AC	SR83IR, HSR83IR, SR83P, HSR3P, A88, S88,S88D, HS88, SR88, HSR88,
Auto Lite	SH2K, SH2M, H15, SH15, SH15R, ISA1, SH20, SH20A, SH200A,
BG	RB485S, 706, 706S, 706SR, 919SR5, RB955S
Champion	C26B, C27, C27S, C62S, REM40E, RHM40E, D41N, KD41N, M41N, EM41N, M42E, REM38P, RHM38P
Firestone	MA3S
Red Seal	SA130, SE190, SE230, SJ190, SJ230

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