



## NOTE 1. Maximum permissible temperatures

Cylinder head 525°F. (spark plug gasket), 450°F. (well type thermocouple, downdraft cooling only)  
 Cylinder barrel 290°F.  
 Oil inlet 225°F.

## NOTE 2. Fuel inlet pressure limit 9 to 15 p.s.i.

Oil pressure limits (normal operation) 30 to 60 p.s.i. Maximum (cold oil) 100 p.s.i.

NOTE 3. Accessories such as generators, starters, fuel and vacuum pumps, etc., previously listed in NOTE 3, are satisfactory for continued use with these engines. As these are not integral engine accessories, they are not evaluated for approval during engine certification testing. The airworthiness of such accessories is substantiated during aircraft installation system approvals. The suitability of the accessory to the engine mounting provisions as described below, must be determined when processing such approvals.

Accessory	Type of Drive	Direction of Rotation	Speed Ratio to Crankshaft	Max. Torque (in. -lb.)		Maximum Overhang
				Continuous	Static	Moment (in. -lb)
Generator	Automotive	CC	2.25:1	60	800	100
Starter	Aircraft	CC	1.15:1		2400	
Fuel Pump	AND 10000	CC	1.67:1	26	400	25
Tachometer	AS 54	C	0.5:1			
Optional	AND 10000	C	1.364:1	90	600	65

NOTE 4. The cylinder assemblies on the E225-2 and -9 models have increased cooling fin areas and increased overall length over the cylinders on the -4 and -8 models.

NOTE 5. E225-4 and -8 engines with S/N 30,001 thru 30,086 have two each 6th order dampers.  
 Engines with S/N 30,087 and above have one each 5th and 6th order dampers.

NOTE 6. E225 series engines are eligible for both tractor and pusher installations.

NOTE 7. The following spark plugs are approved for these engines:

AC HSR83IR, SR83IR, HSR83P, SR83P, A88, HS88, HSR88, SR88, S88, SR88D, S88D  
 Auto Lite H15, SH15, SH15R, SH20A, SH200A  
 BG RB485S, 706, 706R, 706S, 706SR, RB919SR5, RB955S  
 Champion C27, C27S, REM38P, RHM38P, REM39N, REM40E, RHM40E, ED41N, D41N, EM41N, M41N, EM42E, M42E  
 Red Seal SA190, SE190, SJ190, SE230, SJ230

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