

MENASCO MANUFACTURING COMPANY

MODELS: Menasco Pirate M-50

T.C. NUMBER: T.C. 191

Model	Pirate M-50
Type	4HOA
Rating:	
Maximum continuous, hp, rpm, at S.L. pressure altitude	50-2500-S.L.
Take-off (one minute), hp, rpm, at full throttle	50-2500
Fuel (minimum octane aviation gasoline)	73
Bore and stroke, in.	3.50 x 3.750
Displacement, cu. in.	144.4
Compression ratio	5.25: 1
Weight (dry), lbs.	167
Crankshaft gearing	None
Propeller shaft, SAE No.	0 Tapered
Supercharging (impeller gear ratio)	None
Carburetion	Stromberg NA-S3 or NA-S3A carburetor with 1-1/4 in. venturi
Ignition, single	Bendix-Scintilla SF-4L magneto
Certification basis	Type Certificate No. 191

NOTE 1. Maximum permissible cylinder head, barrel and oil inlet temperatures, 550 degrees F., 300 degrees F., and 200 degrees F., respectively.

NOTE 2. Approval expired 10/7/41. No engine of this model manufactured after this date or with serial numbers above M-177 eligible for use in certificated aircraft.