

MODELS: Menasco Pirate B-4

T.C. NUMBER: ATC 65

Model	Pirate B-4
Type	4IAI
Rating:	
Maximum continuous, hp, rpm, at S.L. pressure altitude	95-2000-S.L.
Take-off (one minute), hp, rpm, at full throttle	95-2000
Fuel (minimum octane aviation gasoline)	65
Bore and stroke, in.	4.500 x 5.125
Displacement, cu. in.	326
Compression ratio	5.5:1
Weight (dry), lbs.	293
Crankshaft gearing	None
Propeller shaft, SAE No.	10
Supercharging (impeller gear ratio)	None
Carburetion	Stromberg NA-R3 carburetor with 1-5/16 in. venturi
Ignition, dual	Scintilla PN-4D or Bendix-Scintilla SF-4R-1 magnetos, or Mallory battery ignition
Certification basis	Approved Type Certificate No. 65

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 engines of this model manufactured after this date or with serial numbers above 187 eligible for use in certificated aircraft.