Model - Whirlwind
Type - 9RA
Rating:
  Maximum continuous, 420-2150-S.L. or 420-2200-35.2-600 ft.
  Take-off (one minute), 420-2150 or 420-2200-35.0
Fuel (minimum octane)
  aviation gasoline 80
Bore and stroke, in. 5.0 x 5.5
Displacement, cu. in. 972
Compression ratio 6.3:1
Weight (dry), lbs. 675
Propeller shaft, 30
SAE No.
Supercharging
  (impeller gear ratio) 10.15:1
Carburetion
  Stromberg HA-R9 carburetor with 2-5/8 in. venturi
Ignition, dual
  Scintilla VAG-9D, VAG-9DF or BF-9R magnetos
Certification basis
  Approved Type Certificate No. 78

NOTE 1. Maximum permissible cylinder head, barrel and oil inlet temperatures, 500 degrees F., 325 degrees F., and 200 degrees F., respectively.

NOTE 2. Approval expired 7/25/41. No engines of this model manufactured after this date or with serial numbers above 12829 eligible for use in certificated aircraft.

NOTE 3. Weight (dry), includes carburetor air heater and cleaner and cylinder barrel and head baffles.