Model - Whirlwind  R-975E-1

Type - 99A
Rating:
Maximum continuous,
Hp, rpm, at S.L
365-2100
pressure altitude
365-2100-9.S.L.
take-off (one minute),
hp, rpm, at full
throttle
Fuels (minimum octane
aviation gasoline)  73
Bore and stroke, in.
5.0 x 5.5
Displacement, cu. in.  972
Compression ratio  6.1:1
Weight (dry), lbs.  460 includes carburetor air heater and cleaner and cylinder barrel and head baffles
Propeller shaft,  SAE No.  30
Supercharging
 Ingenious gear ratio  7.8:1
Certification basis Type Certificate No. 87
Production basis None. The manufacturer does not hold a production certificate for the production of engines under this type certificate and, therefore, each engine so produced is subject to a detailed inspection for workmanship and conformity with the approved data by a Civil Aeronautics Administration Agent. In addition, the engine must have a satisfactory run-in including 5 hours at rated power and speed. Upon satisfactory completion of the above, the engine will be certificated by Form ACA 186.

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