

MODELS: Wright Whirlwind R-975E-2

T.C. NUMBER: ATC 78

Model - Whirlwind	R-975E-2
Type - 9RA	Direct drive
Rating:	
Maximum continuous, hp, rpm, at:	420-2150-S.L. or 420-2200-35.2-600 ft.
Take-off (one minute), hp, rpm, at full throttle	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, SAE No.	30
Supercharging (impeller gear ratio)	10.15:1
Carburetion	Stromberg NA-R9 carburetor with 2-5/8 in. venturi
Ignition, dual	Scintilla VAG-9D, VAG-9DF or SF-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.