

MODELS: Wright Whirlwind R-975, A, B, D, E

T.C. NUMBER: ATC 21

Model - Whirlwind	R-975E
Type - 9RA	Direct drive
Rating:	
Maximum continuous, hp, rpm, at S.L.	
Pressure altitude	330-2000-S.L.
Take-off (one minute), hp, rpm, at full throttle	330-2000
Fuel (minimum octane aviation gasoline)	73
Bore and stroke, in.	5.0 x 5.5
Displacement, cu. in.	972
Compression ratio	5.1:1
Weight (dry), lbs.	635
Propeller shaft, SAE No.	30
Supercharging (impeller gear ratio)	7.8:1
Carburetion	Stromberg NA-R9 or NA-R9A carburetor with 2-7/16 in. venturi
Ignition, dual	Scintilla VAG-9DF or SR-9R magnetos
Certification basis	Approved Type Certificate No. 21

NOTE 1. Includes R-975, R-975A, R-975B and R-975D engines.

NOTE 2. Weight (dry) includes carburetor air heater and cleaner.

NOTE 3. Approval expired 7/12/37. No engines of these models manufactured after this date or with serial numbers above 13122 (except A15053) eligible for use in certificated aircraft.

NOTE 4. Maximum permissible cylinder head, barrel and oil inlet temperatures, 500 degrees F., 325 degrees F., and 200 degrees F., respectively.