

MCDELS: Wright Whirlwind R-975-F

T.C. NUMBER: T.C. 211

Model - Whirlwind	R-975-F
Type - 9RA	Direct drive
Rating:	
Maximum continuous, hp, rpm, in.Hg., at:	
Rated pressure altitude (ft.)	425-2300-33-5000
S.L. pressure altitude (ft.)	425-2300-35-S.L.
Take-off (one minute), hp, rpm, in.Hg.	475-2400-37
Fuel (minimum octane aviation gasoline)	87
Bore and stroke, in.	5.0 x 5.5
Displacement, cu. in.	972
Compression ratio	6.3:1
Weight (dry), lbs.	733 includes carburetor air heater and cleaner and cylinder barrel and head baffles
Propeller shaft, SAE No.	30
Supercharging (impeller gear ratio)	10.15:1
Carburetion	Stromberg NA-R9A or NA-R9C carburetor with 2-5/8 in. venturi
Ignition, dual	Scintilla VAG-9EFR or SF-9R magnetos
Certification basis	Type Certificate No. 211
Production basis	Production Certificate No. 8

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