

WRIGHT AERONATICAL DIVISION
CURTISS-WRIGHT CORPORATION

MODELS: Wright Whirlwind R-760E-2

T.C. NUMBER: T.C. 155

Model - Whirlwind	R-760E-2
Type - 7RA	Direct drive
Rating:	
Maximum continuous, hp, rpm, at S.L. pressure altitude	320-2200-S.L.
Take-off hp, rpm, at full throttle	350-2400
Fuel (minimum octane aviation gasoline)	80
Bore and stroke, in.	5.0 x 5.5
Displacement, cu. in.	756
Compression ratio	6.3: 1
Weight (dry), lbs.	570 includes carburetor air heater and cleaner and cylinder barrel and head baffles
Propeller shaft, SAE No.	20
Supercharging (impeller gear ratio)	9.17: 1
Carburetion	Stromberg NA-R7A carburetor with 2-1/4 in. venturi
Ignition, dual	Scintilla MN-7-DF, SF-7R or VAG-7DF magnetos
Certification basis	Type Certificate No. 156
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 produces is subject to a detailed inspection for workmanship and conformity with the approved data by a civil Aeronautics Administrator 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 agent will tag the engine with Tag 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.