

MODELS: Wright Whirlwind R-760E-T

T.C. NUMBER: T.C. 126

Model - Whirlwind	R-760E-T
Type - 7RA	Direct drive
Rating:	
Maximum continuous, hp, rpm, at S.L. pressure altitude	235-2000-S.L.
Take-off (one minute), hp, rpm, at full throttle	235-2000
Fuel (minimum octane aviation gasoline)	73
Bore and stroke, in.	5.0 x 5.5
Displacement, cu. in.	756
Compression ratio	6.1:1
Weight (dry), lbs.	540
Propeller shaft, SAE No.	20 or 30 (See NOTE 3)
Carburetion	Stromberg NA-R7A carburetor with 2 in. venturi
Ignition, dual	Scintilla MN7-DF magnetos
Ignition timing, degrees BTC	25
Certification basis	Type Certificate No. 126
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 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.

NOTE 2. This model engine has provisions for mounting a hydraulically controllable two-position propeller, fuel pump and a starter.

NOTE 3. Engines with No. 20 spline propeller shaft incorporate a crankshaft torsional vibration damper.