

**MODELS:** Wright Military Whirlwind R-760 Series

**T.C. NUMBER:** 5E-6

Model	R-760-2, -4, -8
Type - 7RA	Direct drive
Rating:	
Maximum continuous, hp, rpm, at S.L. pressure altitude	235-2000-S.L.
Take-off, 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.	530, 532, 554
C.G. location (dry)	
Forward of rear mounting face, in. Below propeller shaft C.I., in.	7.0 .8
Propeller shaft, SAE No.	30
Carburetion	Stromberg NAR7A
Ignition, dual	Scintilla MN7-DF or SF7R-1 (model -2)
Ignition timing, degrees BTC	Scintilla SF7R-1 or SF7RN-1 or Bosch SF7RU-1 (models -4, -8) 25
NOTES	1, 2, 3, 4

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

NOTE 2. Models R-760-2 and -4 incorporate drives for starter and fuel pumps only. Model R-760-8 also incorporates radio shielding and drives for generator and vacuum pump. No hydraulic propeller provisions are incorporated. These engines are similar in other respects to Wright Whirlwind R-760ET engines.

NOTE 3. When incorporated in certificated aircraft, the engine nameplate should be stamped "CAA Spec. No. 5E-6." If there is no room for this information on the existing nameplate such information may be stamped on a plain thin metal plate attached beneath the existing plate by at least two of the mounting screws.

NOTE 4. R-760-8 serial number 427 is eligible with 7.05:1 supercharger gearing and carburetor setting number 62958 at the ratings of the Wright Whirlwind R-760-E1 engine.