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

**T.C. Number:** 56-6

<table>
<thead>
<tr>
<th>Model</th>
<th>R-760-2, -4, -8</th>
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<tr>
<td>Type</td>
<td>7PA</td>
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<tr>
<td>Direct drive</td>
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**Rating:**

- Maximum continuous, bhp, rpm, at T.L.: 235-2000-0.8L
- Take-off, bhp, 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: 6.3:1
- Weight (dry), lbs.: 538, 532, 554
- C.G. location (dry):
  - Forward of rear mounting face, in.: 1.0
  - Below propeller shaft C.T., in.: 0
  - Propeller shaft, SAE no. 30
- Carburetor: Stromberg MAB7A
- Ignition, dual: Scintilla MN7-DF or SF7R-1 (model -2)
- Scintilla SF7R-1 or SF7RN-1 or Bosch SF7RU-1 (models -4, -8)
- Ignition timing, degrees BIC: 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 stumped "CWA spec. No. 56-6." If there is no room for this information on the existing nameplate such information may be stumped on a plain by: Tin, 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-760-81 engine.