

Specifications for Wright "Whirlwind" Engine Model J-5C and J-5CA

ENGINE SPECIFICATIONS

<i>Type:</i>	Air cooled—Fixed—radial
<i>Number of cylinders:</i>	9
<i>Bore:</i>	4.5 inches
<i>Stroke:</i>	5.5 inches
<i>Displacement:</i>	788 cubic inches
<i>Compression ratio:</i>	5.2:1
<i>Guaranteed H. P. at sea level:</i>	200 H.P. at 1800 R.P.M.
<i>Weight — Dry:</i>	508 pounds (average)
<i>Length over all (ex. starter):</i>	34 inches
<i>Diameter over all:</i>	45 inches
<i>Distance mounting flange to end of propeller hub:</i>	27-17/32 inches
<i>Guaranteed fuel consumption:</i>	Not more than .60 #/hp/hr at rated power
<i>Guaranteed oil consumption:</i>	Not more than .025 #/hp/hr at rated power
<i>Shipping weight:</i>	1000 pounds average
<i>Size of shipping box:</i>	73.4 cubic feet

The guarantee stated above may be considerably exceeded in actual performance as will be seen from the power curves on Page 9.

EQUIPMENT:

Each engine will be equipped with carburetor, dual magneto ignition, one oil pump, and all necessary equipment required to run the engine, such as ignition cable, spark plugs, propeller hub for wooden propeller, etc. Also, one ignition switch, one instruction book and one engine tool kit consisting of the tools listed below. Commercial models J-5C and J-5CA are also supplied with the carburetor air heater. Should the Wright hand starter or the Wright engine driven fuel pump be desired, these can be supplied at small additional cost. In case a metal propeller is to be used, the engine may be ordered without the propeller hub for wooden propeller. All equipment desired should be specified on the order.

SERVICE TOOL KIT (Assembly Number WA - 258.)

TOOL NO.	TOOL NAME	TOOL NO.	TOOL NAME
W-A 37	Screw Driver 4"	WA-135	Drift Punch 6"
WA- 83	Double End Wrench 7/16-1/2" Hex.	WA-150	Alemite Grease Gun (Zerk Type)
WA- 84	Double End Wrench 9/16-3/4" Hex.	WA-198	Magneto Adjusting Wrench & Gage
WA- 89	Cylinder Stud Nut Wrench	WA-225	Packing Nut Wrench
WA-102	Screw Driver 12"	WA-226	Valve Spring Tool
WA-104	Hammer-Ball Pean 1 lb.	WA-256	Clamp Nut Wrench
WA-110	Propeller Hub Wrench Inner	WA-257	Tool Container (Canvas)
WA-111	Propeller Hub Wrench Outer	WA-277	Spark Plug Wrench
WA-125	Crescent Wrench 6" Adjustable	WA-276	Carb. and Oil Strainer Wrench
WA-131	Pliers 8" Combination	WA-280	Single End Wrench 3/8" Hex
WA-132	Monkey Wrench 10" Flat	WA-281	Master Rod Locking Tool
WA-134	Cold Chisel 6"		