MODELS: Wright Cyclone R and GR-1820F-55, -65

T.C. NUMBER: T.C. 198

Model - Cyclone Type - 9RA	R and GR-1820F-55 Direct drive or 16:11 reduction gearing	R and GR-1820F-65 Direct drive or 16:11 reduction gearing
Rating (with low impeller gear ratio)	7.14:1	--
Maximum continuous, hp, rpm, in.Hg., at:		
Rated pressure altitude (ft.)	760-2100-34.5-5800	810-2550-35.4-6000
Sea level pressure altitude	730-2100-34.5-S.L.	810-2350-37.0-S.L.
Take-off (one minute), hp, rpm, in.Hg.	875-2200-39.0	900-2350-40.0
Rating (with high impeller gear ratio)	10:1	--
Maximum continuous, hp, rpm, in.Hg., at:		
Rated pressure altitude (ft.)	675-2100-33.5-15300	675-2100-33.5-15300
Take-off (one minute), hp, rpm, in.Hg.	640-2100-35.5	--
Fuel (minimum octane aviation gasoline)	87	--
Bore and stroke, in.	6.125 x 6.875	--
Displacement, cu. in.	1823	--
Compression ratio	6.40:1	--
Weight (dry), lbs.	1012 (direct), 1107 (geared)	--
Propeller shaft, SAE No.	40 (direct), 50 (geared)	--
Carburetion	Stromberg NA-F7F carburetor with 2-3/8 in. venturi, Holley C.G. 1375 C, E, F, H OR Chandler-Evans 1375 DA-1 carburetor	--
Ignition, dual	Scintilla SF9L, SF9LN1, SF9LN2, SF9L3, or SF9L4 magnetos	--
Certification basis	Approved Type Certificate No. 198	
Production basis	Production Certificate No. 8	

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