

MODELS: Avco Lycoming R-680-D6

T.C. NUMBER: T.C. 173

Model	R-680-D6
Type	9PA
Rating:	
Maximum continuous, hp, rpm, at S.L. press. alt.	225-2100-S.L.
Take-off (one minute), hp, rpm, at full throttle	245-2300
Fuel (minimum octane aviation gasoline)	65
Bore and stroke, in.	4.625 x 4.5
Displacement, cu. in.	680.4
Compression ratio	5.5:1
Weight (dry), lbs.	516
Propeller shaft, SAE No.	20
Carburetion	Stromberg NA-R7A carburetor with 2 inch venturi
Ignition, dual	Scintilla SC-A2 magneto
Certification basis	Type Certificate No. 173 (See NOTE 3)

NOTE 1. Eligible with constant speed propeller drive with increase in weight of 2 lbs.

NOTE 2. Maximum permissible cylinder head, barrel and oil inlet temperatures, 525 degrees F., 300 degrees F., and 200 degrees F., respectively.

NOTE 3. Approval expired 11/2/50. No engines manufactured after 12/15/40 or with serial number above 1475 eligible for use in certificated aircraft.