

MODEL: Avco Lycoming R-680-D5

T.C. NUMBER: T.C. 172

Model	R-680-D5
Type	9RA
Rating:	
Maximum continuous, hp, rpm, at S.L. press. alt.	245-2100-S.L.
Take-off (one minute), hp, rpm, at full throttle	260-2300
Fuel (minimum octane aviation gasoline)	80
Bore and stroke, in.	4.625 x 4.5
Displacement, cu. in.	680.4
Compression ratio	6.5:1
Weight (dry), lbs.	516
Propeller shaft, SAE No.	20
Carburetion	Stromberg NA-E7A carburetor with 2-1/16 in. venturi
Ignition, dual	Scintilla SC-A2 magneto
Certification basis	Type Certificate No. 172 (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.