

MCDEIS: Avco Lycoming R-530-D2

T.C. NUMBER: ATC 183

Model	Lycoming R-530-D-2
Type	7RA
Rating:	
Maximum continuous, hp, rpm, at S.I. press. alt.	200-2200-S.I.
Take-off (one minute), hp, rpm, at full throttle	210-2300
Fuel (minimum octane aviation gasoline)	73
Bore and stroke, in.	4.625 x 4.500
Displacement, cu. in.	529.2
Compression ratio	5.5:1
Weight (dry), lbs.	425
Propeller shaft, SAE No.	20
Carburetion	Stromberg NA-R7A carburetor with 1-15/16 in. venturi
Ignition, dual	Scintilla SC-A2 magneto
Certification basis	Approved Type Certificate No. 183 (Expired 4/4/41)

NOTE 1. Maximum permissible cylinder head, barrel and oil inlet temperature, 525 degrees F., 300 degrees F., and 200 degrees F., respectively.