

Continental Engines Specifications

Type	A65	A75	C75	C85
Type Certificate No.	205	213	233	252
Cylinders				
Bore (inches)	3 7/8	3 7/8	4 1/16	4 1/16
Stroke (inches)	3 5/8	3 5/8	3 5/8	3 5/8
Compression Ratio	6.3:1	6.3:1	6.3:1	6.3:1
Piston Displacement (cu. in.)	171	171	188	188
Performance				
Rated Power (Sea Level)	65	75	75	85
Rated R.P.M.	2300	2600	2275	2575
Max. Allowed Pressure (in. Hg.) at rated R.P.M. at Sea Level	29.4	29.3	29.2	29
Recommended Cruising R.P.M.	2150	2350	2275	2400
Max. Recommended Manifold Pressure (in. Hg.) for cruising at Sea Level	26.8	26	24	24.5
Fuel & Oil				
Minimum Fuel Grade	80/87	80/87	80/87	80/87
Oil Pressure at Cruising (p.s.i.)	30-35	30-35	30-35	30-35
Min. Idling Oil Pressure (p.s.i.)	10	10	10	10
Min. Oil Temperature °F	75	75	75	75
Maximum Oil Temperature °F	220	220	225	225
Maximum Cylinder Head Temp. °F	550	525	550	540
Approx. Fuel Consumption in g.p.h. Cruising	4.4	4.8	4.8	5.4
Approx. max. Oil Consumption in Qts per Hour	0.37	0.4	0.37	0.4
Oil Sump Capacity in Quarts	4	4	4 1/2	4 1/2
Tappet Clearance in inches				
Operating	0	0	0	0
Lifters deflated	.030-.110	.030-.110	.030-.110	.030-.110
Ignition Timing B.T.C.				
Right	30°	29°	28°	28°
Left	30°	32°	30°	30°

[Continental Engine Specifications for A65 Series 8, 8J, 8F, 8FJ \(.pdf file\)](#)

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