

COMPARATIVE ENGINE DATA (CERTIFICATED SMALL AIRCRAFT POWERPLANTS)

AVCO LYCOMING DIVISION
AVCO CORP.
WILLIAMSPORT, PA 17701

MODEL	COMPRESSION RATIO	HP	RPM	FUEL	HEIGHT / WIDTH / LENGTH (DIMENSIONS)	DRY WEIGHT (LBS)
O-235-C	6.75:1	108/135	2600/2800	80/87	22.40 x 32.00 x 29.56	213
O-235-L	8.50:1	105/112/118	2400/2600/2800	100	22.40 x 32.00 x 29.05	218
O-280-D	7.00:1	135	2600	80/87	22.68 x 32.24 x 29.56	264
O-320-A, E	7.00:1	140/150	2450/2700	80/87	22.99 x 32.24 x 29.56	244
AE10-320-E	7.00:1	150	2700	80/87	23.18 x 32.24 x 29.05	258
O-320-B, D	8.50:1	160	2700	100	22.99 x 32.24 x 29.56	255
O-320-H	9.00:1	160	2700	100	24.46 x 32.68 x 32.26	253
IO-320-B, C	8.50:1	160	2700	100	19.22 x 32.24 x 33.59	259
L10-320-B, C	8.50:1	160	2700	100	19.22 x 32.24 x 33.59	259
O-360-A	8.50:1	180	2700	100	24.59 x 33.37 x 29.56	265
O-360-E	9.00:1	180	2700	100	21.08 x 33.81 x 32.26	268
O-360-B	8.50:1	180	2700	100	24.84 x 33.37 x 29.81	270
O-360-E	9.00:1	180	2700	100	21.08 x 33.81 x 32.26	269
AE10-360-A	8.70:1	200	2700	100	19.35 x 34.25 x 29.81	299
AE10-360-B	8.50:1	180	2700	100	24.84 x 33.37 x 29.81	275
IO-360-A, C	8.70:1	200	2700	100	19.35 x 34.25 x 29.81	293
L10-360-C	8.70:1	200	2700	100	19.48 x 34.25 x 33.65	306
IO-360-C	7.30:1	210	2575	100	21.02 x 36.25 x 34.50	343

TELEDYNE CONTINENTAL MOTORS
AIRCRAFT PRODUCTS DIVISION
MOBILE, AL 36601

A-40 (Series 2-5)	5.25:1	37/40	2650/2575	72	20.44 x 26.44 x 27.94	144/154
A-50	5.40:1	50	1900	73	27.81 x 31.50 x 31.00	170
A-65	6.30:1	65	2300	73	27.81 x 31.50 x 31.00	170
A-75	6.30:1	75	2600	73	27.81 x 31.50 x 31.00	177
A-80	7.55:1	80	2700	80/87	27.81 x 31.50 x 31.00	177
C75-B	6.30:1	75	2275	73	27.86 x 31.50 x 30.50	188
C75-12	6.30:1	75	2275	73	27.75 x 31.50 x 32.20	188
C85-12F	6.30:1	85	2575	73	28.75 x 31.50 x 31.25	189
C90-12F	7.00:1	95	2475	80/87	28.75 x 31.50 x 31.25	189
O-200	7.00:1	100	2750	80/87	23.18 x 31.56 x 28.50	196
C-125 (6 cyl)	6.30:1	125	2550	80/87	23.41 x 31.50 x 41.56	257
C-145 (6 cyl)	7.00:1	145	2700	80/87	27.41 x 31.50 x 35.45	268
O-300	7.00:1	145	2700	80/87	27.41 x 31.50 x 35.53	268

OTHER INFORMATION

• MODEL DESIGNATORS -

G = GEARED
I = FUEL INJECTION
L = LEFT HAND ROTATION
O = OPPOSED CYLINDER ARRANGEMENT
S = SUPERCHARGED
T = TURBOCHARGED
AE = AEROBATIC ENGINE

TABLE 3

• NUMBERS FOLLOWING LETTERS INDICATE DISPLACEMENT IN CUBIC INCHES (LYCOMING MODELS)

• ENGINES WITH COMPRESSION RATIOS OF 7.30:1 AND HIGHER USE 100 OCTANE FUEL.

• LYCOMING PRODUCES OVER 200 VARIATIONS OF THE BASIC ENGINE MODELS.

• THIS DATA SUMMARY IS PROVIDED AS A GUIDE FOR ENGINE SELECTION. REFER TO APPROPRIATE ENGINE MANUAL FOR DETAILED SPECIFICATIONS AND DATA.