

# Lycoming Engines Supported

Lycoming Engines Approved for UL94			
Lycoming Engine Models		AVGAS ASTM D910 100LL	AVGAS ASTM 7547 UL94
O-235	-C, -E, -H	•	•
O-235	-K, -L, -N	•	•
O-235	-M, -P	•	•
O-290	-D	•	•
O-320	-A, -B, -C, -D, -E	•	•
IO-320	-A, -B, -D, -E	•	•
AIO-320	-A, -B, -C	•	•
LIO-320	-B	•	•
AEIO-320	-E	•	•
O-360	-A, -B, -C, -D, -F, -G, -J	•	•
HO-360	-C	•	•
IO-360	-B, -E, -L, -M, -N	•	•
LO-360	-A	•	•
HIO-360	-B	•	•
HIO-360	-G	•	•
IVO-360	-A	•	•
LIO-360	-M	•	•
O-435	-A, -C	•	•
GO-435	-C, -C2	•	•
GO-480	-B, -D, -F	•	•
O-540	-A, -B, -E, -F, -G, -H, -J	•	•
IO-540	-C, -D, -N, -T, -V	•	•
IO-540	-W, -AB, -AF	•	•
VO-540	-A, -B	•	•

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Lycoming Engines Requiring 100LL (DO NOT USE UL94)					
Lycoming Engine Models		AVGAS ASTM D910 100LL	Lycoming Engine Models		AVGAS ASTM D910 100LL
O-235	-F, -G, -J	•	O-480	-A	•
O-320	-H	•	GO-480	-C, -G	•
IO-320	-C, -F	•	GSO-480	-A, -B	•
LIO-320	-C	•	IGO-480	-A	•
AEIO-320	-D	•	IGSO-480	-A	•
O-360	-E	•	O-540	-L	•
HO-360	-A, -B	•	O-540	-9, -9A	•
IO-360	-A, -C, -D, -F	•	IO-540	-A, -B, -E, -G, -J, -K, -L, -M,	•
IO-360	-J, -K	•	IO-540	-P, -R, -S, -U, -AA, -AC, -AE	•
LO-360	-E	•	VO-540	-C	•
TO-360	-A, -C, -E, -F	•	HIO-540	-A	•
VO-360	-A, -B	•	IGO-540	-A, -B	•
AIO-360	-A, -B	•	IVO-540	-A	•
HIO-360	-A, -C, -D, -E, -F	•	TIO-540	-A, -C, -E, -F, -G, -H, -J, -N,	•
LIO-360	-C	•	TIO-540	-R, -S, -U, -V, -W, -AA, -AB,	•
LTO-360	-A, -E	•	TIO-540	-AE, -AF, -AG -AH, -AJ, -AK	•
TIO-360	-A, -C	•	TVO/TIVO-540	-A	•
AEIO-360	-A	•	AEIO-540	-D	•
AEIO-360	-B, -H	•	AEIO-540	-L	•
LHIO-360	-C, -F	•	IGSO-540	-A, -B	•
IO-390	-A	•	LTIO-540	-F, -J, -N, -R, -U, -V	•
AEIO-390	-A	•	TIO-541	-A, -E	•
VO-435	-A, -6, -23	•	TIGO-541	-D, -E, -G	•
VO-435	-B	•	IO-580	-B	•
TVO-435	-A, -B, -C, -D, -E, -F, -G, -25	•	AEIO-580	-B	•
O-480	-1, -3	•	IO-720	-A, -B, -C, -D	•

Lycoming Engines Requiring 100LL (DO NOT USE UL94)

Source:  
Swift Fuels

# Continental Engines Supported

## Continental Engines Approved for UL94

Continental Engine Models	Cylinders	Fuel Grade	CR
C-85	4	80/87	6.3:1
C-90	4	80/87	7.0:1
C-115	6	80/87	6.3:1
C-125	6	80/87	6.3:1
C-140	6	80/87	6.3:1
C-145	6	80/87	7.0:1
C-175	6	80/87	7.0:1
E165	6	80/87	7.0:1
E185	6	80/87	7.0:1
O-200-AF	4	UL94	7.0:1
O-200-A & B	4	80/87	7.0:1
E225	6	80/87	7.0:1
O-300	6	80/87	7.0:1
IO-346	4	91/98	7.5:1
IO-360-AF	6	UL94	7.5:1
O-470-J, K, L, M, R, S	6	80/87	7.0:1
IO-470-C	6	91/96	8.0:1
IO-470-J & K	6	80/87	7.0:1

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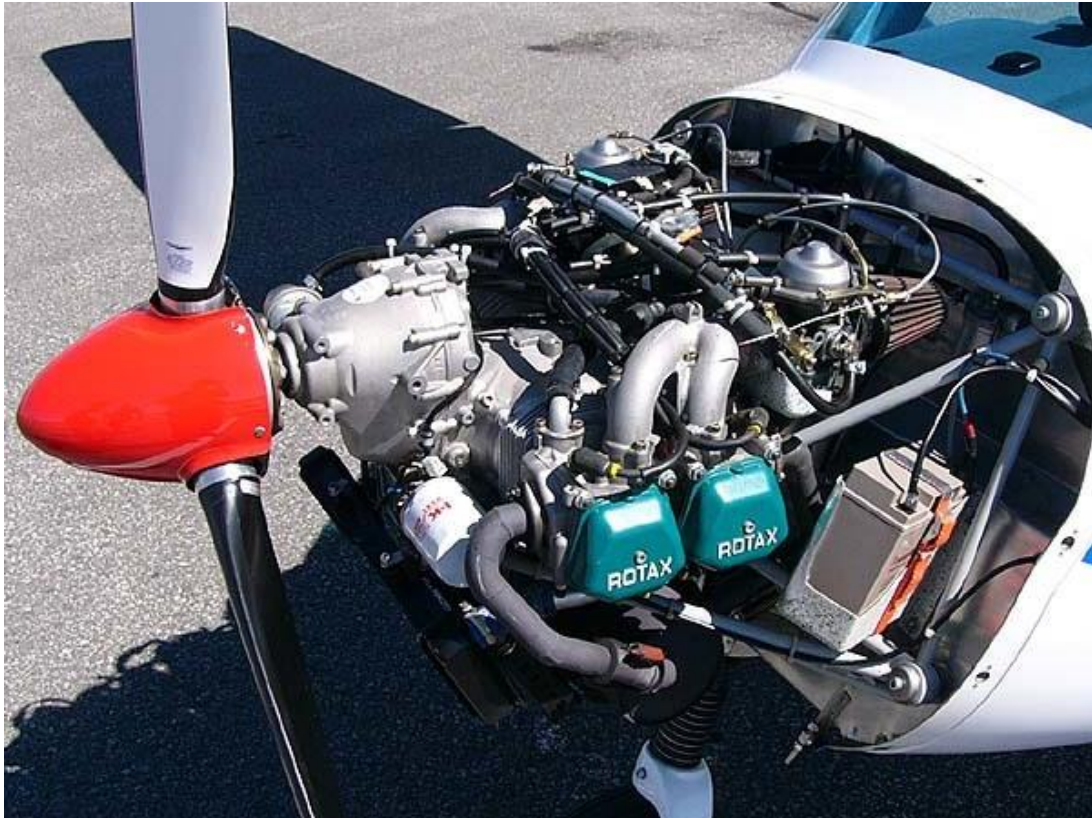
## Continental Engines Requiring 100LL (DO NOT USE UL94)

Continental Engine Models	Cylinders	Fuel Grade	CR
O-200-D, X	4	100/100LL	8.5:1
IO-240-A & B	4	100/100LL	8.5:1
IOF-240-B	4	100/100LL	8.5:1
IO-360-C, CB, D, DB, G, GB, H, HB	6	100/100LL	8.5:1
IO-360-ES, J, JB, K, KB	6	100/100LL	8.5:1
TSIO-360-A, AB, C, CB, D, DB	6	100/100LL	7.5:1
TSIO-360-F, FB, H, HB, JB, LB, MB, SB	6	100/100LL	7.5:1
L/TSIO-360-E, EB, KB, RB	6	100/100LL	7.5:1
O-470-U	6	100/100LL	8.6:1
IO-470-D, E, F, H	6	100/130	8.6:1
IO-470-L & M	6	100/100LL	8.6:1
IO-520-B, BA, BB, C, CB, D, E, M, MB	6	100/100LL	8.5:1
IO-520-F, L	6	100/130	8.5:1
TSIO-520-B, BB, E, EB	6	100/100LL	7.5:1
TSIO-520-C, H, J, JB, N, NB	6	100/130	7.5:1
TSIO-520-(M), P, R, T, U, UB, VB, WB	6	100/100LL	7.5:1
GTSIO-520-D, H	6	100/130	7.5:1
GTSIO-520-L, M	6	100/100LL	7.5:1
IO-550-A, B, C, D, E, F, G, L	6	100/100LL	8.5:1
IO/IOF-550-N, P, R	6	100/100LL	8.5:1
TSIO-550-B, C, E, K, N	6	100/100LL	7.5:1
TSIOL-550-A, B, C, G	6	100/100LL	7.5:1
TSIOF-550-D, J, K	6	100/100LL	7.5:1

## Continental Engines Requiring 100LL (DO NOT USE UL94)

Source:  
Swift Fuels

UL94 is purported to be a viable alternative to 100LL AvGas in aircraft powered by the engines pictured below. Consult your POH, FLIGHT SUPPLEMENTS and/or your A&P Mechanic to confirm UL94 is suitable for use in your aircraft.



**ROTAX ENGINES**



**RADIAL ENGINES**