

Table 6-4. Fuel System Adjustment Values

Idle and FULL POWER Fuel Pressures and Flows						
Engine ¹	Prop. RPM	Manifold Absolute Pressure (MAP)	Unmetered Pump PSI ²	Metered Nozzle PSI ³	Fuel (lbs/hr) ⁴	Fuel (gal/hr) ⁴
TSIO-360-JB	600 2800	- 37.0	6.5 - 7.5 34.5 - 37.5	- 16.7 - 19.3	- 134 - 145	- 22.8 - 24.7
TSIO-360-KB, L/TSIO-360-KB	700 2800	- 40.0	6.5 - 7.5 36.0 - 39.0	- 17.7 - 21.2	- 140 - 155	- 23.8 - 26.4
TSIO-360-LB	700 2700	- 40.0	6.25 - 6.75 34.0 - 38.0	- 14.7 - 16.7	- 135 - 145	- 23.0 - 24.7
TSIO-360-MB	700 2700	- 36.0	6.25 - 6.75 28.0 - 32.0	- 13.6 - 15.3	- 125 - 135	- 21.3 - 23.0
L/TSIO-360-RB	700 2600	- 38.0	25 Minimum 35.0 - 55.0	MFG ⁹ -	- 140 - 150	- 23.3 - 25.5
TSIO-360-SB	700 2600	- 39.0	6.25 - 6.75 31 - 36	- 15.1 - 17.8	- 131 - 151	- 22.3 - 25.7
O-470-GCI	600 2600	-	9.0 - 11.0 23.8 - 25.3	- 14.7 - 16.9	- 122 - 129	- 20.8 - 22.0
IO-470-C, G, P, R	600 2600	-	9.0 - 11.0 24.7 - 27.7	- 14.8 - 17.3	- 123 - 130	- 21.0 - 22.1
IO-470-D, E, F, H, L, M, N, S, U	600 2625	-	9.0 - 11.0 25.0 - 28.0	- 15.0 - 17.5	- 124 - 131	- 21.1 - 22.3
IO-470-J, K	600 2600	-	5.5 - 7.0 24.7 - 27.7	- 14.8 - 17.3	- 123 - 130	- 21.0 - 22.1
IO-470-V	600 2625	-	6.5 - 7.5 28.3 - 29.8	- 17.8 - 18.8	- 123.5 - 131	- 21.0 - 22.3
IO-470-VO	600 2625	-	6.5 - 7.5 28.8 - 31.0	- 17.8 - 18.8	- 132 - 137.5	- 22.5 - 23.4
GIO-470-A	450 2400	-	9.0 - 11.0 26.0 - 28.0	- 15.5 - 16.5	- 145 - 155	- 24.7 - 26.4
TSIO-470-B, C, D	600 2600	- 35.0	5.5 - 6.0 28.0 - 30.0	- 15.0 - 17.0	- 145 - 155	- 24.7 - 26.4
IO-520-A, J	600 2700	-	9.0 - 11.0 29.0 - 32.0	- 15.9 - 18.2	- 136 - 146	- 23.2 - 24.9
IO-520-B, BA, BB C, CB	600 2700	-	9.0 - 11.0 28.0 - 31.0	- 14.9 - 17.2	- 136 - 146	- 23.2 - 24.9
IO-520-D, F, K, L	600 2850	-	9.0 - 11.0 30.0 - 33.0	- 17.0 - 19.4	- 143 - 153	- 24.4 - 26.1
IO-520-E	600 2850	-	9.0 - 11.0 29.0 - 32.0	- 16.1 - 18.3	- 143 - 153	- 24.4 - 26.1
IO-520-M, MB	600 2700	-	6.0 - 7.0 29.0 - 32.0	- 16.7 - 19.3	- 136 - 146	- 23.2 - 24.9
IO-520-P, LIO-520-P	600 2500	-	6.0 - 7.0 26.2 - 26.9	- 14.3 - 16.2	- 130 - 140	- 22.1 - 23.9
TSIO-520-AE, LTSIO-520-AE	600 2400	- 32.5	7.5 - 8.5 34.5 - 38.0	- 15.2 - 16.5	- 160 - 165	- 27.3 - 28.1
TSIO-520-AF	600 2700	- 35.5	5.5 - 6.5 35.0 - 39.0	- 18.4 - 19.9	- 180 - 186	- 30.7 - 31.7
TSIO-520-B, BB	600 2700	- 32.0	5.5 - 7.0 29.0 - 32.0	- 16.0 - 17.9	- 165 - 175	- 28.1 - 29.8

Table 6-4. Fuel System Adjustment Values

Idle and FULL POWER Fuel Pressures and Flows						
Engine ¹	Prop. RPM	Manifold Absolute Pressure (MAP)	Unmetered Pump PSI ²	Metered Nozzle PSI ³	Fuel (lbs/hr) ⁴	Fuel (gal/hr) ⁴
IO-550-C ⁶	600 2700	- -	8.0 - 10.0 31.6 - 37.8	- 17.6 - 19.6	- 152 - 160	- 25.9 - 27.3
IO-550-D, E, F, L ⁶	600 2700	- -	8.0 - 10.0 32.0 - 36.0	- 17.2 - 20.0	- 143 - 155	- 24.4 - 26.4
IO-550-G	600 2500	- -	8.0 - 10.0 22.0 - 26.0	- 14.7 - 16.0	- 125 - 130	- 21.3 - 22.1
IO-550-N, P, R	600 2700	- -	8.0 - 10.0 28.0 - 30.0	- 19.0 - 21.3	- 150 - 160	- 25.6 - 27.3
TSIO-550-B	600 2700	- 38.0	7.0 - 9.0 32.0 - 36.0	- 15.3 - 16.9	- 241 - 252	- 41.0 - 42.9
TSIO-550-C	600 2600	- 35.5	7.0 - 9.0 26.0 - 29.0	- 12.7 - 13.9	- 212 - 224	- 36.1 - 38.1
TSIO-550-E	600 2700	- 38.5	7.0 - 9.0 32.0 - 36.0	- 15.3 - 16.9	- 244 - 254	- 41.5 - 43.3
TSIO-550-G	600 2700	- 34.0	7.0 - 9.0 20.5 - 28.5	- 12.4 - 13.6	- 201 - 211	- 35.2 - 35.9
TSIO-550-G MOONEY ¹²	600 2500	- 33.5	7.0 - 9.0 20.0 - 23.0	- 10.4 - 11.6	- 177 - 180	- 30.0 - 30.7
TSIO-550-J	600 2600	- 38.5	7.0 - 9.0 32.0 - 36.0	- 15.3 - 16.9	- 244 - 254	- 41.5 - 43.3
TSIO-550-K, N	600 2500	- 37.5	7.0 - 9.0 20.5 - 28.5	- 14.2 - 14.8	- 210 - 220	- 35.8 - 37.5
TSIOL-550-A	600 2600	- 35.0	5.5 - 6.5 32.5 - 35.5	- 17.0 - 19.0	- 170 - 180	- 29.0 - 30.7
TSIOL-550-B	600 2700	- 35.0	6.0 - 8.0 36.0 - 40.0	- 20.0 - 22.5	- 175 - 185	- 29.8 - 31.5
TSIOL-550-C	600 2600	- 39.5	6.0 - 8.0 37.0 - 40.0	- 15.0 - 16.5	- 204 - 216	- 34.8 - 36.8

1. The setup procedures contained in this bulletin are only for use on engines that have not been modified from their original configuration as shipped from the factory by Continental. Engines which have been modified by the installation of aftermarket components such as turbo-normalizing systems, turbocharging systems, intercoolers, after-coolers, fuel nozzles, etc., whether by STC or field approval, must use the instructions provided by the STC holder or installer. Continental will not accept responsibility or liability for any modified engine set up according to the instructions contained in these instructions.
2. FULL POWER unmetered fuel pump pressure limits are provided for reference only. Use metered fuel pressure specifications for adjustments at full power.
3. Use for full power, maximum RPM adjustment only. All other parameters for reference only, Footnote 2 applies.
4. May be determined using a calibrated in-line flow measuring device. Otherwise use metered fuel pressure specifications. Refer to Aircraft Manufacturer's Maintenance Manual for method of verifying accuracy of fuel flow indicator.
5. IO-360-DB engine model specifications equipped with altitude compensating fuel pumps; Flight Test (Section 7-2.4.2) required after fuel system adjustment.
6. Engine model equipped with altitude compensating fuel pump; Flight Test (Section 7-2.4.2) required after fuel system adjustment.
7. This engine is installed in Cirrus SR20 aircraft. IO-360-ES engines has been derated by Cirrus from original 210 HP at 2800 RPM to 200 HP at 2700 RPM. Engine data plate reflects original Continental data of 210 HP at 2800 RPM. Refer to Cirrus SR20 Maintenance Manual and POH.
8. Engine model certified for five minute rated takeoff power at 2800 RPM. Max. continuous power is 2600 rpm.
9. Refer to the aircraft manufacturer's instructions for adjustment procedures.
10. Refer to the aircraft manufacturer's instructions for adjustment procedures.
11. Refer to the aircraft manufacturer's instructions for adjustment procedures.
12. TSIO-550-G installed in Mooney aircraft has been rated to a power level that is less than the approved Type Certificate Data Sheet. Refer to the Mooney Aircraft Maintenance Manual for setup instructions.