

P. PONK AVIATION

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Approximate PPA O-470-50 Engine Power Settings

Normal lean mixture at approximately 2500 feet

Full Manifold Pressure 27 to 28" + 2700 RPM = 100% power
24" + 2400 RPM = 75% power
23" + 2300 RPM = 65% power
22" + 2200 RPM = 56% power

You may operate the O-470-50 engine at any setting referenced in the standard Continental O-470 charts and expect better performance.

Approximate Fuel Consumption

11.5 gal per hour at 2150 squared
16 to 17 gal per hour at 2500 to 2600 squared

-50 engine provides better fuel economy than the standard O-470 at the same power settings:

O-470 engine	10 miles per gallon
-50 engine	11 miles per gallon

Continuing Maintenance O-470-50 Engine

The -50 engine shall be maintained in accordance with current Continental O-470 and TSIO-520-C Service Manuals and Service Bulletins. Disregard information concerning the TSIO-520-C fuel injection and turbocharger, as these items are not installed on the O-470-50 engine. Refer to parts list provided by the engine overhauler/modifier for replacement parts as needed.