

Service Letter

Technical Aspects are FAA Approved

Number: L12-01A
INITIAL RELEASE

Date: 04/24/2012

Subject: Minimum fuel flow data for Superior engine Model No. O-360-A3A2, when operated using ASTM D910, Grade 100LL Aviation Gasoline.

CAUTION: This data is not valid for any fuel other than ASTM D910, Grade 100LL. Use of a lower grade aviation or motor fuel at, or near these limits, may result in engine damage and loss of power.

Application:

This Service Letter is provided for the purpose of assessing airframe fuel system flow requirements. The data given in Figure 1 is based on 112% of fuel flow at the unstable operation point. The Superior Model No. O-360-A3A2 has no detonation limit when operated using ASTM D910, Grade 100LL.

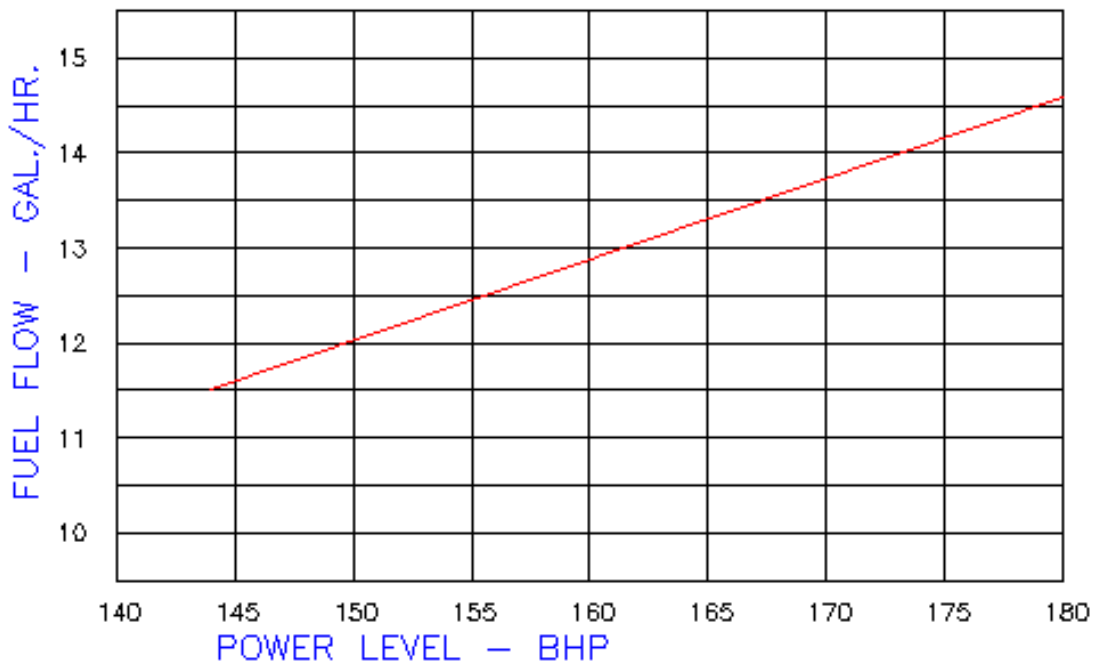


FIGURE 1. MINIMUM FUEL FLOW, ASTM D910, GRADE 100LL ONLY