

Engine Power From Fuel Flow Test Card – FP Prop

Before Flight Data

Date: _____ Engine model: _____
Pilot: _____ Compression ratio: _____
Aircraft Reg: _____ Ignition System: _____
Aircraft Model: _____
Gross weight with full fuel: _____
IAS units (kt, mph or km/h): _____
OAT units (deg C or F): _____
Fuel flow units (US Gal/hr, Imp Gal/hr, l/hr): _____

Test Procedure

1. Slowly adjust mixture to find peak EGT, and record data.

Note: Allow time for EGT to stabilize after each mixture movement.

2. Without changing altitude or throttle position, change mixture and record data at a wide range of fuel flows, both rich and lean of peak EGT.

Note: Allow enough time at each fuel flow for IAS to stabilize.

In Flight Data

Pressure altitude (alt. Setting 29.92):

OAT:

RPM: MP (if available):

Fuel flow at peak EGT:

Fuel flow	Fuel remaining	RPM	IAS	Remarks