



**QUEST AERONAUTICS**  
Advanced Solutions for General Aviation

## GAMI LEAN TEST - NA - DOWNLOAD METHOD

DATE

START TIME

END TIME

### REMARKS

Cowl flaps open  
EMU set

65% PWR

ALT AMSL

MAP

RPM

### TEST SEQUENCE

- \* Set up the airplane at selected test altitude in normal cruise and 65% PWR – utilise your autopilot if available
- \* Mixture set 100°F rich of peak (ROP) - note the fuel flow in GPH or PPH
- \* Retard mixture control until the onset of roughness - note the fuel flow in GPH or PPH
- \* Reverse the process until you get back to about 100°F ROP
- \* Repeat this rich-to-lean-to-rich mixture sweep procedure
- \* On your last rich-to-lean sweep, while still on the lean side, transition to the in-flight lean of peak magnetos check before making any changes or clean up the ACFT for RTB

### NOTES

FF 100°F ROP:  
FF LOP: