



QUEST AERONAUTICS
Advanced Solutions for General Aviation

IGNITION STRESS TEST - 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
- * Perform GAMI Lean sweep from ROP to LOP, continue to lean to 50° LOP if possible, or to the onset of roughness.
- * Activate the “normalise mode” on your engine monitor
- * Cycle through BOTH-LEFT-BOTH-RIGHT-BOTH, letting the mag switch remain in each of these positions for at least 10 engine monitor sample times or a minimum of 30 seconds, including in the BOTH position
- * If your aircraft has individual magneto toggle switches, follow the same procedure but with individual magneto switches

NOTES