



**QUEST AERONAUTICS**  
Advanced Solutions for General Aviation

## IGNITION STRESS TEST - SHORTHAND METHOD

DATE

START TIME

END TIME

### REMARKS

Cowl flaps open

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



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### NOTES

BOTH	EGT #1	EGT #2	EGT #3
	EGT #4	EGT #5	EGT #6
LEFT	EGT #1	EGT #2	EGT #3
	EGT #4	EGT #5	EGT #6
BOTH	EGT #1	EGT #2	EGT #3
	EGT #4	EGT #5	EGT #6
RIGHT	EGT #1	EGT #2	EGT #3
	EGT #4	EGT #5	EGT #6
BOTH	EGT #1	EGT #2	EGT #3
	EGT #4	EGT #5	EGT #6