

STATIC SYSTEM ERROR

FLIGHT INFO

Date:
Aircraft Reg:
Aircraft Model
Pilot:
Observer:
Weight at Take Off:
Fuel at Take Off:

TEST CONDITIONS

Time:
Target IAS:
Target Altitude:
Flap Position:
Power (RPM & MP):

TEST PROCEDURE

1. Set altimeter to 29.92.
2. Find smooth air altitude that will allow the target speed to be obtained in level flight.
3. Do four runs at each speed, with the headings separated by approximately 90
4. Ensure that the IAS and altitude are the same for each run. IAS is more important than altitude. If necessary to adjust the IAS, altitude errors of ± 50 ft are acceptable.
5. Record fuel remaining, indicated airspeed and altitude, GPS track, ground speed and OAT for each run.

DATA

Fuel	IAS	Altitude	GPS Track	GPS G/S	OAT	Remarks

NOTES
