

**Table 2G-5. Wind Tunnel Axial Flow Verification**

**Wind Tunnel Facility:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Wind Tunnel Temperature:** \_\_\_\_\_

**Barometric Pressure:** \_\_\_\_\_

**Probe Type/I.D. Used To Conduct Check:** \_\_\_\_\_

**Test Point Locations:** \_\_\_\_\_

**Lowest Test Velocity in m/sec (ft/sec):** \_\_\_\_\_

**Highest Test Velocity in m/sec (ft/sec):** \_\_\_\_\_

Port		@ Lowest Test Velocity		@ Highest Test Velocity	
		Yaw Angle * (degrees)	Pitch Angle * (degrees)	Yaw Angle * (degrees)	Pitch Angle * (degrees)
Calibration Location Test Points **	1				
	2				
	3				
	..				
Calibration Pitot Tube Location					

\* When following the procedures in section 10.1.2.1, both the yaw and pitch angles are obtained from the same port. When following the procedures in section 10.1.2.2, the yaw angle is obtained using the port for the tested probe, and the pitch angle is obtained using the port for verification of axial flow.

\*\* Yaw and pitch angle measurements must be taken at all points that define the calibration location (as per the requirements in section 10.1.1)

Specification: At each velocity setting, each measured yaw and pitch angle shall be within  $\pm 3^\circ$  of  $0^\circ$  in accordance with the requirements in section 10.1.2.