

Table 2F-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° in accordance with the requirements in section 10.1.2.