Boeing Wind Tunnel

COLLEGE OF ENGINEERING

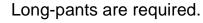
DO NOT use this equipment unless an instructor has instructed you in its safe use/operation and has given permission.



Safety glasses may be required in work areas.



Long and loose hair must be contained or constrained.





Appropriate footwear with closed-toe must be worn.



Protective gloves may be required.



Rings and jewellery must not be worn.

PRE-OPERATIONAL SAFETY CHECKS

- 1. Check workspaces and walkways to ensure no slip/trip-hazards are present.
- 2. Check that all equipment components are in position and are operational.
- 3. Ensure you are familiar with the operation of the equipment.
- 4. Keep table and work area clear of all tools and debris.
- 5. Faulty equipment must not be used. Immediately report suspect equipment.
- 6. Be aware of any other students or personnel in the immediate vicinity and ensure the area is clear before using this equipment.
- 7. Familiarize yourself with all mechanical operations, switches and controls, including potential chemicals that may be used.
- 8. If you have any questions or concerns, ask the laboratory technician or instructor first.

OPERATIONAL PROCEDURES

NO FOOD OR DRINK PERMITTED NEAR EXPERIMENTS.

- 1. Set up model inside testing area.
- 2. Close door tightly.
- 3. Flip disconnect to power "on" equipment.
- 4. Turn on the wind tunnel via control panel.
- 5. Adjust pitch control switch as needed.
- 6. Take measurements and readings from computer.
- 7. Press stop button on control panel by disconnect.
- 8. Flip disconnect switch to power "off" equipment.

HOUSEKEEPING

- 1. Turn off all equipment once experiment is completed.
- 2. Keep all walkways and aisles free of clutter and debris.

POTENTIAL HAZARDS

Amputation from fan blades/belt and pulley		Noise	Eye injuries		
	Electrical shock	Manual handling			
Date of last review		Signati	ıre		