

Standard Operation Procedure

Moving Propeller Blades

Purpose:

Eliminate injury from moving propeller blades

Scope:

Students, faculty, and staff involved in aerospace build classes

Required Personal Protective Equipment:

- Long sleeved shirt
- Long pants
- Safety glasses
- Cut resistant gloves
- Closed toed shoes
- Hair and loose clothing secured

Procedure:

- Stay clear of all moving propellers (at least 2 feet away)
- Communicate to others when starting arming procedures
- Only arm and operate in designated open spaces.
- Power system can only be initiated by lab staff or by an appropriately trained and equipped spotter

References:

Aer E 160 Laboratory Policy
Aer E 462 Laboratory Policy
M:2:I Handbook

Any questions or clarifications should be addressed to your lab instructor.

After you have read and understand the Standard Operating Procedure, please sign and date below to acknowledge. This will be turned in to your lab instructor.

Name

Date

I have read the above and acknowledge there is the risk of personal injury and failure to comply with the above procedures can result in bodily harm.

Standard Operation Procedure

Bladed Tool Operation

Purpose:

Eliminate injury from operating bladed tools.

Scope:

Students, faculty, and staff involved in aerospace build classes

Required Personal Protective Equipment:

- Cut resistant gloves
- Closed toed shoes

Procedure:

- A cut resistant glove must be worn on the hand not operating the bladed tool
- Cut away from yourself
- Use a cutting board underneath your sample.
- Be aware of both your hands as well as the people and objects near your cut path

References:

Aer E 160 Laboratory Policy
Aer E 462 Laboratory Policy
M:2:I Handbook

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