



# Ejection Seat System



The NASTAR<sup>SM</sup> Center Ejection Seat System provides the unique capability to learn **pre-ejection and ejection procedures**, including proper body positioning and decision matrix. Full preparation is crucial to **increasing chances of survival and avoiding injury**. Systems and training are highly modular and can be customized to meet customer requirements.



“You only have **SECONDS** to make the **RIGHT CHOICE**”



## ESS FEATURES

- Base Frame with Guide Rails
- Roll Away Aircraft Cockpit or Spacecraft Cabin Enclosure
- Seat Sled
- Ejection Seat Model
- Pneumatic System with Actuators
- Pneumatic System and Controls
- Electric System with Cabling
- Instructor's Control Panel

## SAFETY

The ESS System is equipped with automated subsystems that check for:

- Correct Fastening of Safety Harness
- Correct Fastening of Leg Restraint Straps
- Use of Seat Firing Handle
- Proper Head Position on Headrest
- Proper Shoulder Blades Position
- Proper Back Position
- Proper Position of Hips on Seat

## CONTROLS

- Instructor Console
- Computer System with Controlling Software
- Instructor Monitor
- Computer Keyboard and Mouse
- Printer

## ESS FUNCTION MODES

- Training with Instructor Control
- Self-Training (No Instructor Input)
- Test (System Check)