To complement the existing Open Range EW Threat Emitters, Textron Systems now offers a Laser Threat Emitter that simulates Laser Warning Receivers (LWR) in order to train aircrew, as well as to test and evaluate an aircraft’s defense systems against a Laser Beam Rider (LBR) threat. The Phantom-UL has been designed to provide both a laser threat and a synchronized temporal missile plume signature to simulate both the aircraft’s laser and missile warning systems. Training aircrew to counter maneuver a LBR threat is considered essential to survival and in-air training. The Phantom-UL can be deployed either on a shoulder or tripod mount.

TextronSystems.com
PHANTOM-UL BEAM RIDER

SYSTEM PERFORMANCE

- **OPERATING RANGE**: 0.5-5 km
- **WEIGHT**: < 10 kg
- **BATTERY**: Li-Ion (commercial-off-the-shelf) > 100 engagement operations
- **USER INTERFACE**: Sunlight readable LCD with soft keys
- **STANDARD COLOR**: NATO green
- **REMOVABLE MEMORY MEDIA TYPE**: Quick release special-to-type USB
- **MAXIMUM PROFILE LENGTH**: 32 sec
- **SAFETY DISTANCE NOHD**: 25 m
- **SAFETY DISTANCE ENOHD**: 215 m
- **AIMING**: Optical day or Thermal night sight (option)
- **REMOTE CONTROL CONNECTION**: Laptop via ethernet
- **LR/UV WAVELENGTHS**: 0.905 microns UV Solar blind
- **NUMBER OF PROGRAMS PER REMOVABLE MEDIA**: > 100
- **MAXIMUM PEAK-PULSE ON-AXIS RADIANT POWERS**: Laser: MW sr⁻¹ UV: W sr⁻¹
- **MOUNTING CONFIGURATION**: Shoulder or tripod. Shoulder mount is included.

PROVIDING CONFIDENCE AND RELIABILITY THROUGH TOTAL SPECTRUM TEST AND TRAINING SOLUTIONS

- Provides an essential training aid to platform crew to counter-maneuver against a laser threat
- Realistic laser missile threat with provision of synchronized laser and missile plume simulations
- Offers rapid deployment of threat during training exercises to maintain surprise to aircrew of threat position
- Providing pre-mission confidence test of LWR and MWS while aircraft is airborne
- Allows crew trainees to train at night, with and without night vision goggles
- Threat library profiles compatible with most in-service LWR and ultraviolet MWS systems
- Test Program Generator software available for programming of threat profiles and remote control of the Phantom
- Power is supplied from an internal battery or external power supply
- Can be configured in a MallinaTM Suite of ancillary equipment to enhance operational effectiveness and to complete training of a Defense Aids Suite (DAS)