

Model WLP-2000 Remote Controlled Turreted Weapons Positioner

CAES' WLP-2000 is a remote controlled turreted weapons positioner, that supports anti-armor missiles and rockets, for protection against conventional and asymmetric ground and air threats. The WLP-2000 is adaptable to Infantry Fighting Vehicles (IFV) and Long Range Surveillance Attack Vehicles (LRSAV), and can support a variety of U.S. DoD legacy weapons launchers including: M299; M310; M260/M261; and LAU-10.

Features

- Weapons agnostic to support a variety of legacy launchers in U.S. DoD inventory
- Vehicle agnostic for integration on a variety of IFV's and LRSAV's
- Lightweight, low profile, and compact for ground/air transport
- No vehicle hull penetration for superior under armor crew protection
- Scalable to support payloads ranging from 1,000 pounds to 10,000 pounds (includes armor)
- Includes small caliber armor protection IAW STANAG 4569 Level 1
- Hangfire capability up to 2,200 pounds
- Remote operator controlled azimuth/elevation slew to cue capability
- MIL-Qualified integrated control electronics module allows easy field replacement
- Designed for operation in MIL-STD-810 environments
- Designed for operation from 28VDC (IAW MILSTD-704)
- High Mean Time Between Failure (MTBF)/Low Mean Time to Repair (MTTR)



Photograph Courtesy of Lockheed Martin Corporation

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Specifications

UNLOADED WEIGHT:	<ul style="list-style-type: none"> • 1200 pounds
PAYLOAD CAPACITY:	<ul style="list-style-type: none"> • 2100 pounds
LENGTH:	<ul style="list-style-type: none"> • 102 inches
HEIGHT:	<ul style="list-style-type: none"> • 27 inches
WIDTH:	<ul style="list-style-type: none"> • 78 inches
AZIMUTH TRAVEL:	<ul style="list-style-type: none"> • +/- 180°
ELEVATION TRAVEL:	<ul style="list-style-type: none"> • 0° to +20°
AZIMUTH ANGULAR VELOCITY:	<ul style="list-style-type: none"> • 20°/second
ELEVATION ANGULAR VELOCITY:	<ul style="list-style-type: none"> • 2°/second
POSITION ACCURACY:	<ul style="list-style-type: none"> • +/- 2°
INPUT POWER:	<ul style="list-style-type: none"> • 28 VDC IAW MIL-STD-704 • 22 amperes; 1 ampere
COMMUNICATIONS I/O:	<ul style="list-style-type: none"> • RS-422

Environmental

TEMPERATURE:	<ul style="list-style-type: none"> • -40°C (-40°F) to 63°C (145°F)
ALTITUDE:	<ul style="list-style-type: none"> • Up to 50,000 feet
HUMIDITY:	<ul style="list-style-type: none"> • 0 - 100% condensing
EMI:	<ul style="list-style-type: none"> • IAW MIL-STD-461
SHOCK/VIRBATION/ RAIN/SAND/DUST:	<ul style="list-style-type: none"> • IAW MIL-STD-810
SHOCK & VIBRATION:	<ul style="list-style-type: none"> • IAW MIL-STD-810