



Advanced Training Systems

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FLEXI-E SPECIFICATIONS

Dimensions

Base	14 ¾" x 10 ¾" x 6"
Target Arm Width	24"
Height to top of Arm	32 ¾" standard but can vary by customer

Weight

Base	21 lbs.
Base with Stand	39 lbs.

Environmental

Temperature	-40°F-140°F for target 32°F - 140°F for hit sensor
Rain	Water resistant, but cannot be submerged

Battery (Standard)

Base	
Type	Sealed lead acid
Capacity	12VDC / 7.5 AH
Standby time (A arm)	50 hours
Run time (estimated)	20 hours at 1 operation/min
Connector (Charging/coms)	Standard 110V Plug

Power Supply (Optional)

Base	
Type	Switching
Output Capacity	12VDC / 45A
Input	120VAC

Charger (Single)

Type	IC
Input Voltage/Current	120VAC / 0.24 A 240VAC / 0.12 A
Input Voltage/Current	12VDC / 800 mA

Transmitter

Battery type	9V alkaline (short & medium) 4 AA alkaline (long range)
Standby time	1 month
Run time	40 hours

Radio

Short-range

Distance	600 m line of sight
Frequency Standard	900 MHz spread-spectrum FCCID MCQ-XB900HP
Frequency Option 1	2.4 GHz spread-spectrum FCCID MCQ-XBEE3
Frequency Option 2 (Japan)	2.4 GHz spread-spectrum Japan Approvals R210-119309
Transmit power	4 mW

Long Range

Distance	2000 m line of sight
Frequency	900 MHz spread-spectrum
Transmit power	1 W

Recommended Targets

Cardboard	Single or Double wall water resistant cardboard such as MIL-V3c or Coroplast
Plastic Silhouettes 2D	ARMY-F Ribbed or Waffle ARMY-E Ribbed or Waffle
Plastic Silhouettes 3D	Short Ivan Full Ivan

Lighting Options

White strobe

Muzzle flash simulation or low light visibility LED, Continuous or Burst mode, activates with predetermined target move.

Red/Blue Strobe

Add realism during low low-light training scenarios. LED, Continuous or Burst mode, activates with predetermined target move.



Target Holder Options



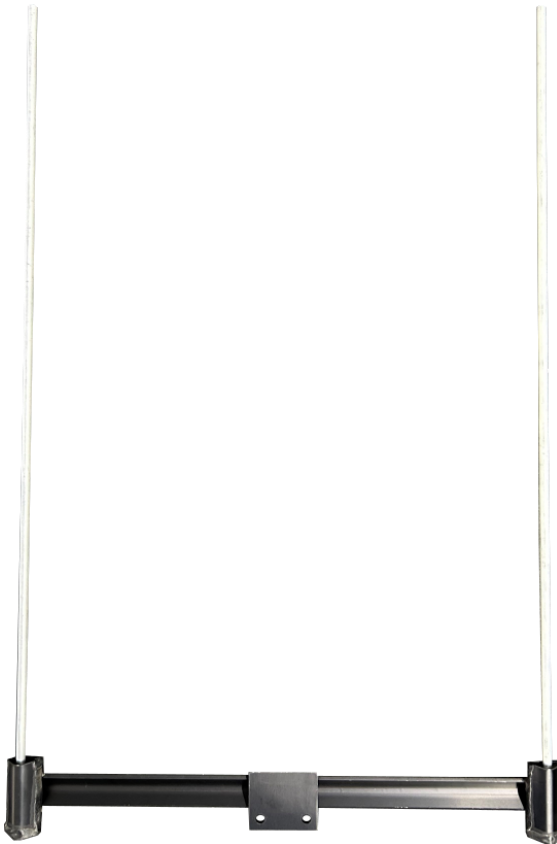
MIL Holder

Designed to accommodate ARMY-E, ARMY-F Silhouettes or Short Ivan, Full Ivan 3D targets



LE Style Slat or Aluminum Rod Holder

Designed for 1"x2" Wood slats or Aluminum Rods with binder clips



LE Style Dedicated Aluminum Rod Holder

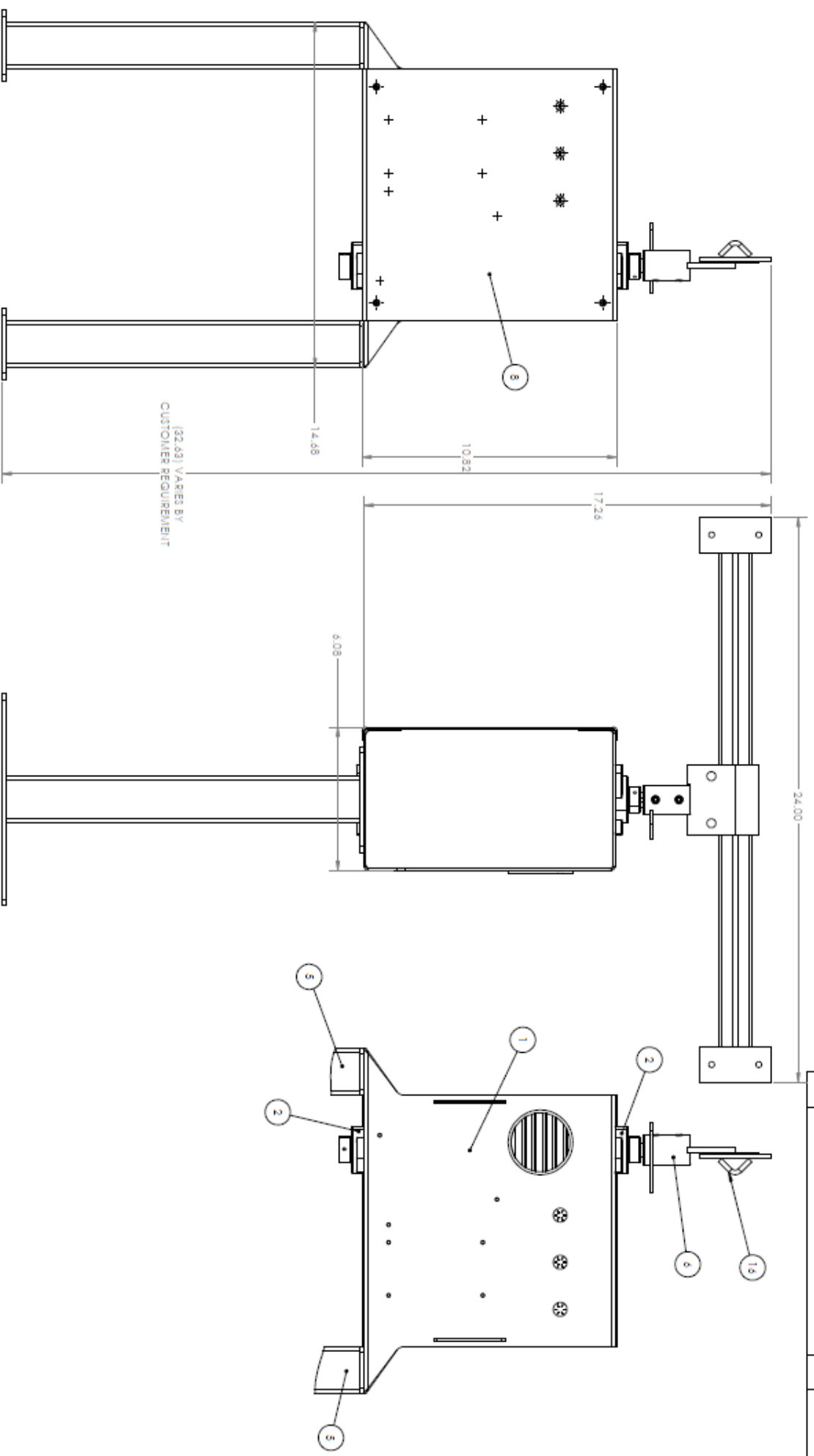
Designed for Aluminum Rods with binder clips



Foam Backer Holder

Designed for polyfoam backers

REV	DESCRIPTION	BY	DATE
A	INITIAL RELEASE		



UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE IN INCHES
 TOLERANCE
 .XX = ±.015
 .XXX = ±.005

DRAWING TITLE: FLEX-E TURNING TARGET ASSEMBLY

DRAWING NUMBER: 510683

DATE: 12/17/20

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ATS Advanced Training Systems
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DO NOT SCALE SHEET SIZE: C SCALE: 1:8 SHEET: 3 OF 3