

Puma™ Bungee Launch System



AV's Bungee Launch System (BLS) allows for easy launch of Puma™ 2AE, Puma 3AE, or Puma LE aircraft in environmental scenarios where a hand launch is not preferred. Constructed from military grade bungee cord material, with a 90 ft [27.4 m] pull length, the BLS is lightweight, portable, all environment rated, and can be set up and operational in less than 10 minutes. With multiple ground fastener options included, the BLS can be securely installed in a variety of soil types or mounted to low, immovable objects for mission flexibility. The BLS comes packaged in a weatherproof case that includes everything needed to transport, install, and operate the system. The BLS is standard equipment with every Puma LE system, and is available as an optional equipment accessory for Puma 2AE and Puma 3AE configurations.

Easy Launch of Puma 2AE, Puma 3AE, and Puma LE

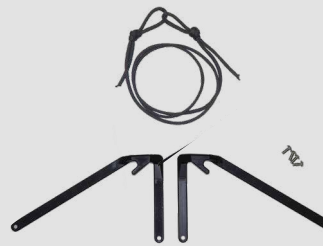
BLS

_Specifications

COMPATIBILITY	Puma 2AE, Puma 3AE, Puma LE
MAX LAUNCH ALTITUDE	10,000 ft (3,048 m) density altitude
DIMENSIONS PACKED BUNGEE LAUNCH SYSTEM	Pelican Case: 21.2 in x 16 in x 10.6 in (53.8 cm x 40.6 cm x 27 cm)
BUNGEE LAUNCH SYSTEM WEIGHT	40 lb (18 kg)
BUNGEE STRETCH LENGTH	90 ft (27 m) from secure point to aircraft attachment, includes leadline
OBSTACLE CLEARANCE FROM RELEASE POINT IN STANDARD CONFIGURATION (SEA LEVEL)	Puma 2AE and Puma 3AE: Can clear 50 ft (15 m) obstacle at 394 ft (120 m) Puma LE: Can clear 50 ft (15 m) obstacle at 279 ft (85 m) <small>Note: Distances can vary as they depend on environmental conditions</small>
TEMPERATURE CAPABILITY	-29 to +49 °C
LAUNCH WEIGHT CAPABILITY	Puma 2AE and Puma 3AE: 20 lb (9 kg) Puma LE: 27 lb (12.2 kg)



BUNGEE LAUNCH SYSTEM COMPONENTS

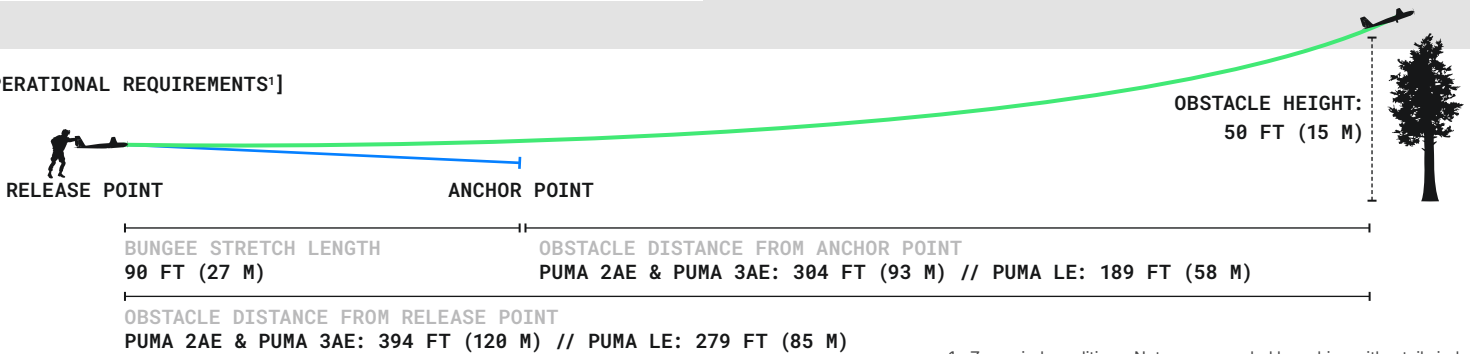


BUNGEE ADAPTER FOR PUMA 2AE AND PUMA 3AE



PACKED BUNGEE LAUNCH SYSTEM

[OPERATIONAL REQUIREMENTS']



1. Zero wind conditions. Not recommended launching with a tailwind.



PUMA 2AE AND PUMA 3AE MOUNTING BRACKET



PUMA LE MOUNTING BRACKET