



JERNAS M

COMPACT.
CAPABLE.
TACTICAL.
THRIFTY.

Medium-altitude, long-endurance, multi-mission UAV

The ADASI JERNAS M is a low-cost, medium-altitude, long-endurance unmanned aerial vehicle ideal for tactical intelligence, surveillance, reconnaissance, and ground attacks.

This compact, fixed-wing platform has a maximum endurance of 20 hours, a range of 200 kilometres (LOS), and a maximum payload of 280 kilograms. The JERNAS M's flexible configuration allows it to carry electro-optical, radar, and electronic warfare sensors, or weapons such as the RASH MK81 bomb with four RASH-3 munitions.



SPECIFICATIONS



OVERVIEW

Empty weight	590 kg
MTOW	1,150 kg
Wingspan	10 m

PROPULSION

Engine	EP918Ti - 185H
Engine type	4-stroke, 4-cylinder, horizontally
Take-off performance	185 hp - 5,800 rpm
Fuel type	Automotive gasoline
Fuel capacity	350 L
Fuel consumption	17 L/hr

FLIGHT PERFORMANCE

Max / cruising speed:	240/130 km/hr
Endurance	20 hr (ISR); 12 hr (max. payload)
Range LOS	200 km
Fuel capacity	350 L
Fuel consumption	17 L/hr