ADASI

AEROSTAT
200/300/400

PERSISTENT PROTECTION.
DEPENDABLE PERFORMANCE.

MISSION ADVANTAGE FROM THE SKY

FAST-DEPLOYING, LOW-MAINTENANCE UNMANNED PLATFORM FOR ISR AND C4I

ADASI's Aerostat system offers a low-maintenance, reliable, and fast-deploy / re-deploy solution for defence and commercial customers in a user friendly and 'soldier proof' technology that helps ensure mission success.

With an endurance extending weeks, not days, and the capacity to carry heavy and large-size packages, including multiple mission-systems, the Aerostat system, offers enormous flexibility. As well, unlike other unmanned systems, ADASI's Aerostat offers a low or no-vibration platform that's ideal for even the most sensitive of systems.

The Aerostat system offers novel deployment options for intelligence, surveillance and reconnaissance (ISR) missions, and command, control, communication, computer and information (C4I) systems.

AEROSTAT ADVANTAGES

ENDURANCE
MULTI-WEEK DEPLOYMENT OPTIONS (WEATHER DEPENDENT)

PAYLOAD
LARGE-SIZE, HEAVY AND MULTIPLE-MISSION SYSTEMS

STABILITY
NO OR LOW VIBRATION FOR SENSITIVE SYSTEMS

POWER
SUSTAINED GROUND-BASED POWER SUPPLY AVAILABLE FOR MISSION SYSTEMS

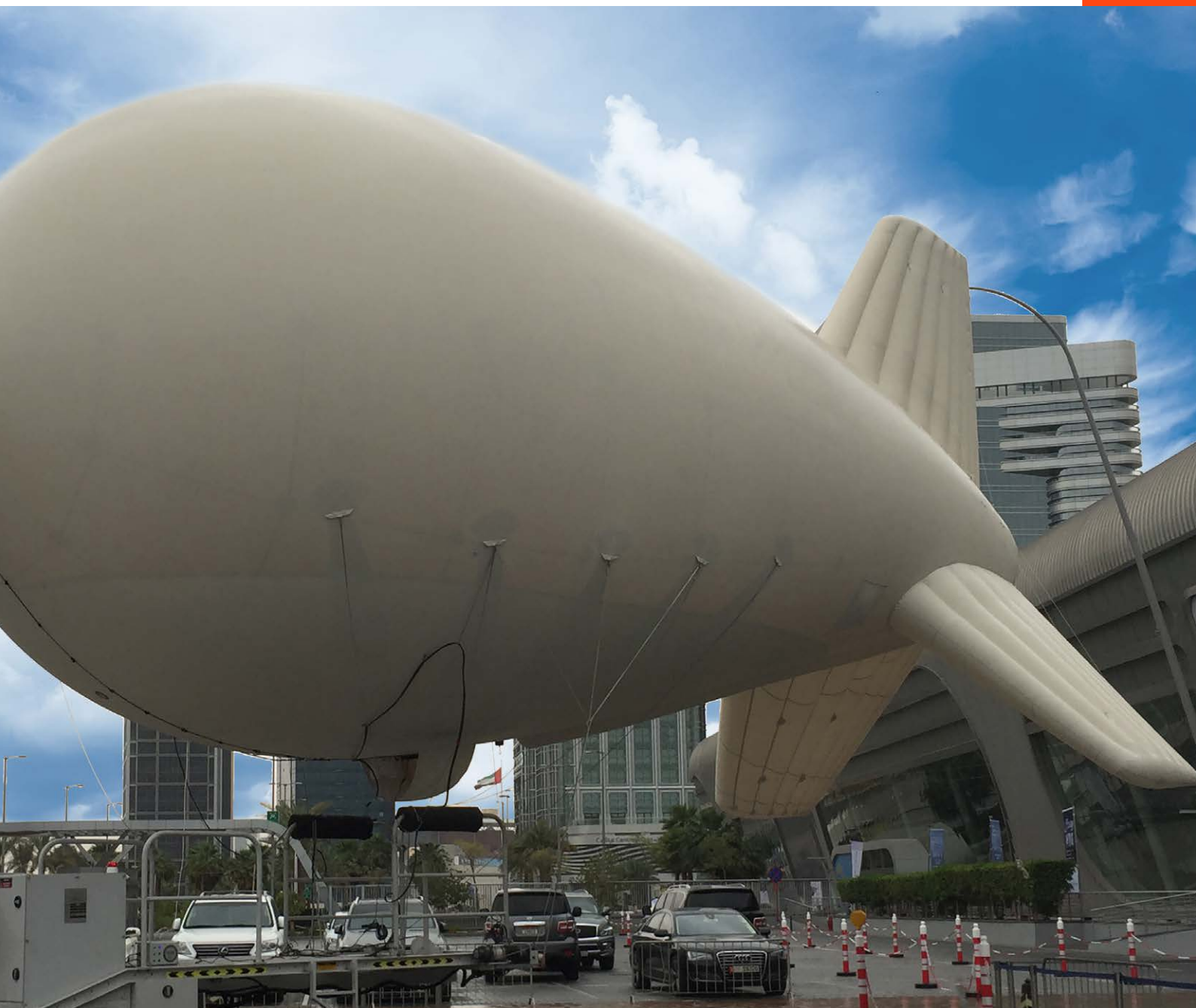
RELIABILITY
FEW MOVING PARTS RESULT IN LONG MEAN TIME BETWEEN FAILURES (MBTF)

SERVICEABILITY
DESIGNED FOR MAINTENANCE SIMPLICITY, AEROSTAT SYSTEMS FEATURE SHORT SCHEDULED AND UNSCHEDULED MAINTENANCE PERIODS WITH SIMPLE REPAIRS AND SERVICING

LOW COST
COMPARED TO OTHER AERIAL PLATFORMS, AEROSTAT OFFERS SIGNIFICANT COST ADVANTAGES

FLEXIBLE FLEET FOR FLEXIBLE OPERATIONS

ENABLING A NEW LEVEL OF PERFORMANCE IN THE SKY.



This lighter-than-air platform features a tethered, stationary unmanned mooring system in three sizes: 200m^3, 300m^3 and 400m3. Developed in the UAE, this system is built to meet the distinctive requirements of the region, including its extreme climate. ADASI's Aerostat is designed to deliver exceptional performance at heights up to 1,500 feet above sea level. The tether delivers sustained power supply to airborne payloads.

As the first aerostat platform to be developed, assembled and tested in the GCC, the ADASI system offers three models to address different field requirements in areas such as endurance, altitude and payload.

AEROSTAT DIFFERENTIATORS

FIRST SYSTEM DEVELOPED AND ASSEMBLED IN THE GCC

CONFIGURED FOR EXTREME CLIMATES

AEROSTAT-200

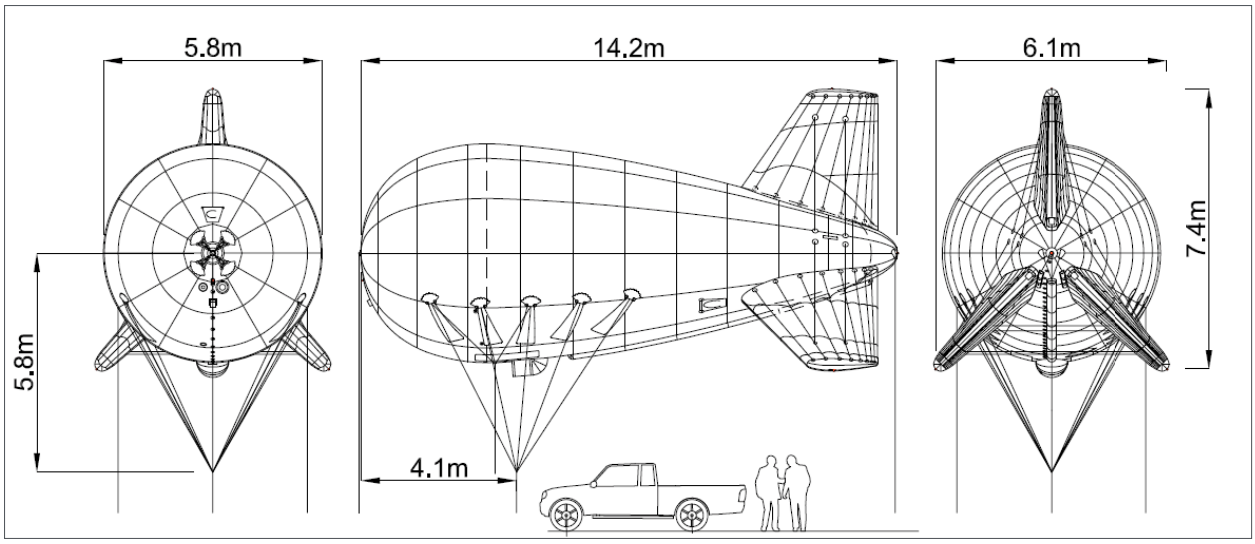
The 15m-long, 200m^3 Aerostat-200 can operate at altitudes in excess of 1,000 feet above sea level (AMSL), with a payload capacity of 63kg, sufficient to handle an electro-optical/infrared (EO/IR) sensor such as a FLIR UR8500 or WESCAM MX10.

AEROSTAT-300

The 17m-long, 300m^3 Aerostat-300 can operate at altitudes up to 1,500 feet AMSL and carry robust-sized EO/IR payloads, such as FLIR Systems' Star SAFIRE III, WESCAM MX15, Goshawk 2, or a small radar system, such as a Selex Galileo Gabbiano X-band system.

AEROSTAT-400

The 19m-long, 400m^3 Aerostat-400 can operate at altitudes up to 1,500 feet AMSL, carrying a large payload, both in terms of dimension and weight. This makes it possible for users to deploy dual mission systems, including a combination of any two EO/IR systems, radio relay packages, radar systems or passive electronic warfare packages.



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