

ATLANTE

Tactical Unmanned Aerial System for National security

Wide Capacity of Civilian and Military Missions

Governmental forces have the duty to maintain stability, peace and national security, being deployed when needed to protect our interests. The ATLANTE Tactical Unmanned Aerial System is the tool to help each of them perform their **Intelligence, Surveillance, Target Acquisition Reconnaissance (ISTAR) missions**, both domestically and abroad.



Efficient & Effective

The ATLANTE has a **dual redundant data link system**, compliant with NATO standards. This provides for a **high reliability, security and operational flexibility**, enabling that with low effort the ATLANTE can be integrated into existing military and civilian command and control infrastructures.

Take-off, flight and landing are fully **automatic**. The ATLANTE system has a dual launching and recovery configuration. It can be **launched** from a **prepared or unprepared runway or via a catapult**, whilst being **recovered on a prepared or unprepared runway or by parafoil**.

Able to take-off and land with up to **20kt crosswind**, and **to fly with rain or snow, in icing and lightning conditions**, the ATLANTE can be operated in most environments.

Program Situation Awareness

The ATLANTE program is a **full Spanish development** in close collaboration with the governmental agency CDTI (Centro para el Desarrollo Tecnológico Industrial). CASSIDIAN is the prime contractor of the ATLANTE program, with participation of other important Spanish technology companies.

International Programmes Participation

In the international arena, ATLANTE plays a key role within the FP7 program **PERSEUS** (“Protection of European seas and borders through the intelligent use of surveillance”). Through live demonstrations along the Mediterranean Sea, **ATLANTE will be integrated in real time in a multinational maritime surveillance network** and it will generate and disseminate to several participating entities the information acquired by its own sensors.

Air Vehicle Specifications		
MTOW	570 kg	1255 lbs
MPL	Up to 100 kg	220 lbs
Endurance	14 hrs	
Ceiling	6000 m	20000 ft
Max. Speed	198 km/hr	107 kt
Cruising Speed	135 km/hr	73 kt
DL Range (LOS)	250 km	135 NM
DL Range (BLOS) Data Relay	400 km	215 NM
DL Range (BLOS) Hand-over	600 km	325 NM

