

GROUND STATIONS



MPGS-S3 / 4 Ground Station

MIL Grade HOTAS (Hands-on Throttle & Stick) station with three monitors (Map - Telemetry - Video) and Payload (camera) control stick. Fully compact, water-proof case, towing wheels. For one or two operators.

MPGS 4 model features an extra 6.7 inch HD screen connected to an independently running but integrated Android-powered computer.

OTHER SAS TACTICAL AND COMMERCIAL SYSTEMS



EMP X6 Tactical Version



MALE up to 200Kg MTOGW



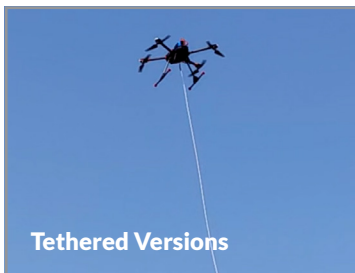
USV Pyropolitis



Mobile Ground Stations

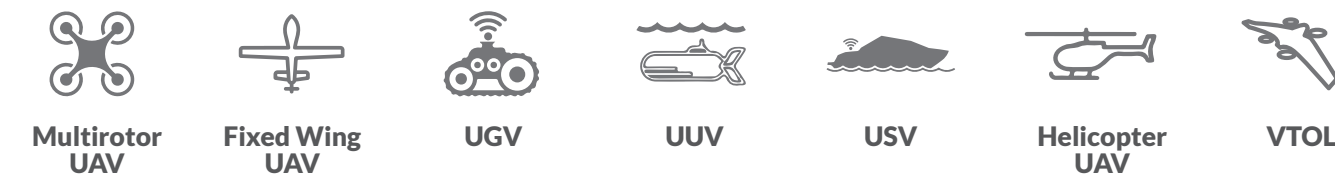


Tactical Backpacks



Tethered Versions

SAS CAPABILITIES



SERVICES & SUPPORT

Our Support Program

SAS with the procurement of its systems offers a generous support program under the distinctive name “We Care” SP (Support Program). This program is offered in excess of the standard two years manufacturer’s warranty.

SAS “We Care” SP has an incremental structure depending on the quantities of the systems procured by the customer. It covers damages relative to flight related incidents and also provides support for technical problems, modifications or installation of new systems/capabilities.

Pilot Training and Certification

SAS training services are provided through our affiliated training academy. Training services provided are on a professional level and especially focused to the establishment of a strong flight safety culture. Certified UAV pilots upon successful graduation are qualified and equipped with skills that will allow them to operate their privately owned or professionally operated drones, with safety and within the requirements of the regional regulations.

Main advantage of our program is the capability to include within its training curriculum systems much more complex and professional than the usual, smaller commercial drones (Multi rotors and fixed wing).

This variety and extra experience can be provided through the use of the larger, certified SAS built UAVs with heavy lifting/special mission capabilities and professional grade ground station systems.



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Reliable, Versatile Unmanned Platforms



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ABOUT SAS

S.A.S Aeronautical Systems (SAS Technology) is a UAS Manufacturer, member of Spirit World Group that was established in 2004 and has subsidiaries that range from shipping, trading, fuel bunkering, real estate and innovative technology. SAS was established in 2020 and derived from a technological research project team, with research and prototyping experience on unmanned systems since 2015.

SAS core business, involves design and manufacturing of innovative UAS and its products range from fixed wing MALE UAS prototypes in the 200kg MTOW/6m wing-span category, to various sizes multi-copters, with max weights ranging from 6 to more than 60kg that can be equipped with a variety of payloads.

SAS has significant know-how in the field of Unmanned Systems and is certified according to ISO 9001 2015, ISO 14001 2015, and ISO 27001 2013. SAS is registered to the ICAO as a UAS manufacturer and is an approved supplier for NSPA. To ensure compliance to EASA and other international organization's regulations, SAS operates an airworthiness department staffed with specialized airworthiness engineers.

SAS is designing and building its systems from scratch. The in-house capabilities cover all necessary engineering disciplines as: aerodynamics, aeronautics, cad-cam, mechanical, composites, software engineering systems integration etc.

SAS products are intended for civil and military use. Special mention is for SARISA UAS that is, the first Hellenic armed drone which comes in several versions depending on the type of weapon system or the general use. Some of the existing versions are: SRS-1A with 2.75 Hydra rockets, SRS-1R with RPG, SRS-1GB (hand grenade bomber), SRS1-C for Cargo missions.



SAS offers its systems customized to the exact customers' requirements. For cases that such customization of existing systems is not able to fulfill the customers' requirements, the company is readily structured to prepare and offer new designs that meet these additional needs.



EMPUSA EMP-X6



Versatile platform.
Up to 50 min max flight time (varying with actual payload weight), approx. 1.6m max diameter, 10 Kg max takeoff gross weight 3 Kg max payload, fast deployment, easy maintainance, support program. Fully customizable to customer requirements.

EMPUSA EMP-X4

Versatile Quadcopter, MTOW:6kg, Can be offered in tethered configuration Easy to operate reliable and customizable to exact requirements.



PHORCYS

A custom designed Y copter with 2 motors per arm (X6) specially designed by SAS Technology to the requirements of a specific customer involved in a European research project. Phorcys has a MTOW of 14 kg and payload of 6 kg and is a very agile and versatile multicopter.

EMPUSA-EP

Empusa EP is a Hexacopter designed for higher payloads than the standard EMP-X6 and room to accommodate more equipment.

It was primarily designed to accommodate the special requirements of various scientific applications, so it is easily customizable and easily retrofitted.

It has a MTOW of around 15 kg and a payload that can reach around 6 kg.



SARISA Multifunctional Heavy-Load Platform (SRS-1X)

SARISA is named after the long Spear used by the renowned Macedonian Phalanx. A heavy lifter UAS series (MTOGW >60kg). SARISA Can be fitted with a variety of interchangeable payload adapters allowing it to carry from simple loads to various weapons.



With 4 X RPG-18 Tactical (SRS-1R18)



Hellenic Fire Service - Cargo Version (SRS-1C)



With 15 X HGD-AR73 Hand Grenade Dispenser Rack (SRS-1HGB)



With 2 X 2.75" (Hydra Rocket) Launcher Rack



Search & Rescue Version (SRS-1SAR) with 6-person life-raft

ARES Multi purpose Medium Weight UAS ARS -1(X)

Ares is named after the ancient Greek God of war. It is a series of drones that can be configured as an A3 category drone as per EASA classification



Ares can be configured as a Quad or Octo-Quad configuration using various types motors/propeller sets leading different power outputs. Ares is designed so it can be easily retrofitted to different motors even as an after sale service.



With 2 X RPG-26 Tactical (ARS-1R26)



With 8 X HGD-AR73 Hand Grenade Dispenser Rack (ARS-1HGB)



With 1 OR 2 X RPG-18 or equivalent such as M72 LAW (ARS-1R18)



Cargo applications