



## UNMANNED SYSTEMS FLIGHT TEST AND TRIALS FACILITY PARCABERPORTH, WEST WALES

**SELEX Galileo has developed a systems integration capability for Unmanned Aerial Systems (UAS).**

Capabilities include a comprehensive range of advanced sensors, airframes, control stations and networked ground and air systems.

The use of UAS as an intelligence gathering or surveillance platform is well known for both military and civil use. For military use the advantages include low cost of operation compared to manned platforms, an ability to “look over the next hill” for ground forces while keeping them out of harms way and an ability to provide persistent untiring surveillance.

For civil use UAS again offers cost savings over manned aircraft. The sensors that are used for military purposes can also be deployed for peacetime activities such as Search & Rescue, pipeline and power line monitoring, agriculture, police work and customs and excise.

The combined offering of platform demonstrators and payloads, within a self-contained trials facility means that SELEX Galileo has the capability to offer mission simulation, using real sensors, in real time.

As a leader in payloads such as radar, sensors, electronic intelligence and spoofing, SELEX Galileo can offer capability in areas such as homeland security, control and communications, surveillance and reconnaissance, tactical and strategic scenarios and routine missions.



ParcAberporth provides an environment to test and develop unmanned systems



ParcAberporth offers integrated unmanned system solutions

## FLIGHT TEST AND TRIALS FACILITY

### ABOUT THE FACILITY

SELEX Galileo has established a facility at ParcAberporth – a recognised unmanned systems centre of excellence in the UK. The facility is adjacent to the Ministry of Defence Aberporth ranges and provides an ideal location to test and demonstrate Unmanned Aerial Vehicle (UAV) platforms and payloads.

As an established UK based facility SELEX Galileo is able to provide an environment to test and develop unmanned systems, for both civil and military markets, via an 'on-demand' system that can be tailored to meet your needs.

The SELEX Galileo UAV Flight Centre at ParcAberporth in West Wales, is a purpose built facility capable of handling most types of UAV.

With it's own dedicated taxiway to the airfield and access to the Aberporth military range, ParcAberporth enables SELEX S&AS UK to test, trial and demonstrate sensors and flight systems on a number of unmanned platforms.

### FACILITY KEY FEATURES

- Hanger space for several large UAVs
- Hanger space for ground control stations
- Qualified flight team on site
- Payload integration lab
- Hanger suitable for platforms with assembled wingspans up to 13.5m
- Hard standing and taxi way to airfield
- Workshop and store room
- Meeting rooms



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