

Snipe Aerial target system



Key Features

- ◆ 2.2 metres wingspan
- ◆ Equipped with 3 axis autopilot, digital command and telemetry links and an automatic fail-safe system.
- ◆ Can carry and MDI, smoke and infra-red flares simultaneously
- ◆ Endurance in excess of 45 minutes.



Description

The Snipe is one of a range of remotely piloted vehicles offered by Meggitt Defence Systems, a company dedicated to the design, manufacture and operation of aerial targets and unmanned vehicle systems.

Snipe is a reliable and realistic, low cost remotely piloted target aircraft designed for air defence simulation on land and at sea. and as a target operator training aircraft

Originally produced as a simple, model aircraft type target that was controlled manually through a radio control link, the latest version may be fitted with Meggitt's own, Mini CASPA avionics unit to give it an autonomous flight capability to over 40 Km

The target, which can be launched either by hand or by means of a lightweight catapult launcher is in service in a number of countries and varying climatic conditions where it is fitted with infra red and visual augmentation, miss distance (scoring) systems and an active radar augments. The capability of the system together with its low cost make it ideally suited as a direct kill target for use against gun and short range missile anti aircraft weapons that have a high kill probability.

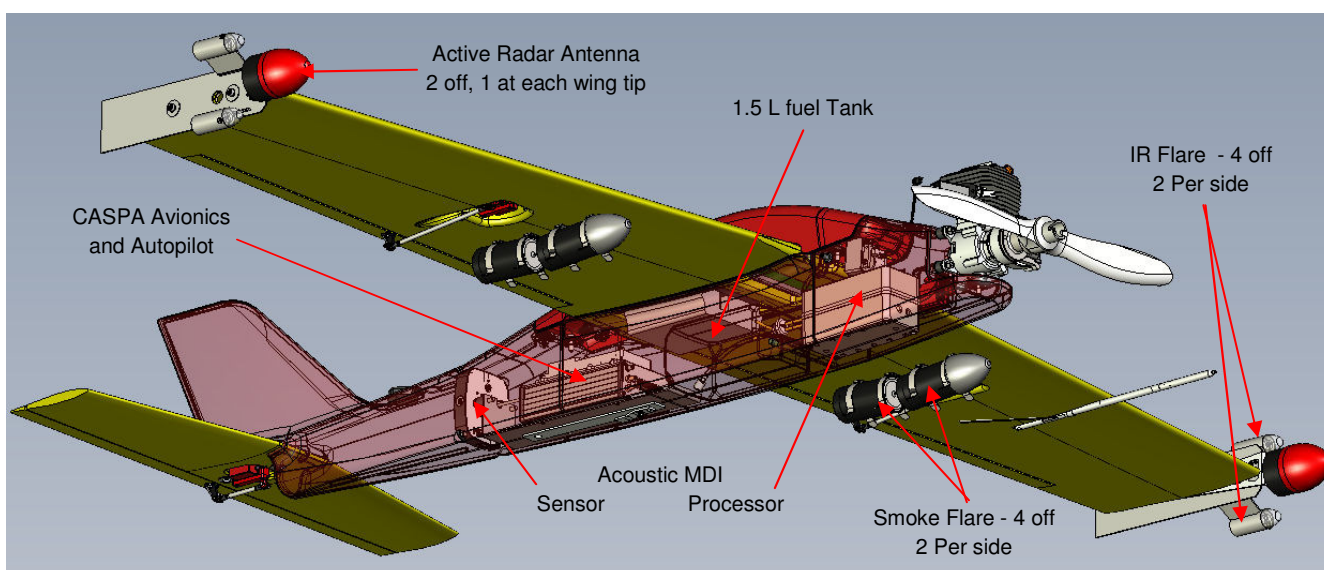
Meggitt Defence Systems is able to provide targets and operating services to weapon system manufacturers and end users who do not wish to operate their own target service.

Snipe

Aerial target system

SPECIFICATION

Wing span	2,20 metres (8 ft 2 in)
Length	1,76 metres (5ft 9 in)
Typical all-up weight	14 to 18.5 kg
Speed range	45 Km/hr to 165 Km/hr
Range	
Optical tracking	>6 Km (3.72 miles)
BVR Mode	>40 Km (25 miles)
Endurance	>30 minutes at continuous Wide Open Throttle >45 minutes at mixed throttle settings
Recovery	Parachute or skid landing
Command and control	Mini CASPA which incorporates Digital proportional command and telemetry links (typically UHF between 400MHz and 450MHz), digital autopilot with 3 axis attitude sensing, airspeed and altitude hold and independent failsafe system that operates automatically in the event of loss of or interference to the command link
Typical payloads	8 off smoke tracking flares 4 off Infra red flares <i>(Combinations of flares may be carried and activated as required).</i> Mini Doppler radar and acoustic MDI systems Exhaust powered black-body Infra red augmenter, Active radar augmenter <i>(These payloads may be mixed and most carried simultaneously)</i>



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