

# SKUA

## High-speed Target Drone



Skua is a high-speed target drone, designed to simulate high-speed attack aircraft during land, sea and air combat training exercises and weapon development.

DENEL DYNAMICS

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## PERFORMANCE

Maximum speed:  
Mach 0,86 at 10 000 m

Controllable range:  
200 km (line of sight)

Altitude:  
10 m to 10 700 m

Endurance:  
85 minutes at 10 000 m and  
Mach 0,75

The system consists of the following:

- Four to eight target drones
- Launcher
- Mobile ground control station
- Ground support equipment



## FEATURES

- **Reliable communications link**
- **Easy deployment and recovery**
- **Large payload capacity**
- **Programmable missions**



## THE SYSTEM

### Drone

The Skua has an all-composite, low-drag airframe with a wingspan of 3,57 m and length of 6,00 m. Wing hard-points are provided to carry tow-targets and signature augmentation equipment weighing up to 160 kg. An internal bay can house a payload of up to 70 kg.

### Launcher

The zero-length launcher is easily deployed and includes self-loading and engine starting facilities.

### Ground Control Station

The mobile ground control station houses the control interfaces, telecommand and telemetry equipment required to control the drone. Tracking is done via position feedback from the drone's navigation system. The GCS can control two drones simultaneously.

## OPERATION

### Deployment

The system is easily transportable by land, sea and air, and can be deployed in less than a day. No sophisticated range equipment is required for system operation.

### Flight Control

Following launch, all flight path and drone manoeuvres are controllable by means of a telecommand and telemetry link between drone and ground station. The drone can also fly autonomously to a programmed mission plan.

### Recovery

The drone is recovered by means of a two-stage parachute system, and lands in an inverted horizontal position on pneumatic landing bags. It can also be recovered over water.