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ŞİMŞEK

TARGET DRONE SYSTEM

Turkish Aerospace
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TARGET DRONE SYSTEM

Turkish Aerospace provides proficient turnkey target drone service worldwide. Turkish Aerospace Target Drone Team has more than 20 years of operational experience both from land and at sea. Service includes planning, deployment and operation of target drone system as well as the repair and maintenance when required.

Şimşek target drone, with its wide variety of payloads and effective flight envelope, can be configured to simulate different type of aircraft and missiles. Şimşek target drone plays the attacking hostile air platform role during the air defense trainings and tests.

Indigenously developed Şimşek Target Drone System is operational and exported. It has a modular structure and can be configured to meet the customer requirements.

SYSTEM FEATURES

- Suitable for training of surface to air, air to air and sea to air weapon systems
- Recoverable and reusable platform
- Fully composite structure
- Catapult launched from land or ship's deck
- Launched from UAV
- Parachute recovery on land or at sea
- Fully autonomous operation
- Multiple flight capability
- Mission planning, management and playback capabilities
- High maneuverability and speed
- Easy to use and maintain
- Ability to return to base and open parachute for recovery at a pre-defined coordinate in link loss conditions
- Compliant with MIL-STD-810F & MIL-STD-461E



TECHNICAL DATA

Wing Span	1.5 m
Length	2.3 m
Powerplant	Turbojet Engine
MTOW	70 kg

PERFORMANCE

Speed	350+ kts @ Sea Level
Service Ceiling	50-20,000 ft (MSL)*
Range	70+ km (LOS)**
Endurance	45+ minutes

*MSL: Mean Sea Level
**LOS: Line of Sight

PAYLOADS

- Radar Cross Section Augmenter (Active or Passive)
- Miss Distance Indicator (MDI)
- Smoke Generator
- Radar Altimeter
- Hot Nose
- Automatic Identification System (AIS)

