

Aerial Target Drone Service Solutions

Operational readiness of modern Air Defense (AD) Forces worldwide dictates for technologically advanced testing of AD systems and realistic, treat-representative training of AD system operators.

ALTUS LSA operates and provides services with a wide portfolio of Unmanned Aerial Target Drones, representing a wide variety of AD threats, starting from basic subsonic performance (UAVs, DAR, Mortar, etc), up to high performance threat reprehensive platforms (Fighter Aircraft, Cruise Missiles, etc), as well as Tactical Ballistic Missile Targets (TBM Threats).

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Firejet High Performance Aerial Target



- Maximum Speed: 460 KTAS
- Maximum Altitude: 10,668 m MSL
- Maximum Endurance: 75 minutes
- Range > 250km
- Maneuverability: 10g Instantaneous / 6g Sustained
- Engines: 2 x 81 lb / 36.03 daN Thrust Turbojets
- Length: 3.28 m
- Wingspan: 1.98 m

SCRAB I & II Mid Performance Targets



SCRAB I Technical data

- CRUISE SPEED: 200 KTAS
- ENDURANCE: 50 min
- RANGE: 150 Km
- ENGINE: Micro Turbine 16 Kg static
- TAKE OFF: Bungee Launcher
- RECOVERY: By parachute
- Wingspan: 1.62 m
- LENGTH: 1.95 m

SCRAB II Technical data

- CRUISE SPEED : 235 KTAS
- ENDURANCE : 60 min
- RANGE : 150 Km
- ENGINE : 2 Turbine 16 or 22 Kg static thrust
- TAKE OFF: Bungee Launcher
- RECOVERY: By parachute
- Wingspan: 2.52 m
- LENGTH : 2.94 m

ALBA Basic Performance Aerial Target



Technical Data

- CRUISE SPEED: 50 m/s
- ENDURANCE: 120 min
- RANGE: 150 Km
- ENGINE: 8 hp 80 cc. twin-cylinder
- TAKE OFF: Bungee Launcher
- RECOVERY: by parachute
- Wingspan: 2.20 m
- LENGHT: 1.80 m

Typical payload devices for all Aerial Targets:

- Smoke generator
- Miss Distance Indication (MDI)
- Passive and active radar augmentation
- Wingtip Infrared (IR) flares
- IR Generator Device (front and side aspect)
- Radar altimeter for sea skimming flight