

GOKHUN

Fixed Wing VTOL Unmanned Aerial System



ESEN



GÖKHUN

GöKHUN is ideal UAS solution for tactical multi-mission **land** and **ship-based** operations, providing the optimum **payload** & **endurance** capacity in its class.



Vertical Takeoff & Landing From 10m x 10m Area, Without Needing Additional Equipment or Runway



15 Min Assemble & Disassemble Time by Two Technicians



Up to 16 Hours Flight Time



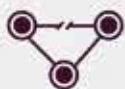
Ship & Land-based Operations



GNSS Independent ESEN Vision Based Navigation (GörDES)



Jam Resistant GNSS



Triple Redundant Navigation System
Dual Redundant Flight Control System
Dual Redundant Datalink
Dual Redundant Electrical System



Ground Control Station & Ground Data Terminal Handover Capability



Non-ITAR Product



NATO AEP-83 Airworthiness Compliant Design,
NATO AEP-84 (Former 4586)
Level 4 Interoperability



TECHNICAL SPECIFICATIONS

MTOW	110 kg
Payload + Fuel Capacity	26 kg
Wingspan	5.76 m
Length	3.62 m
Endurance	9 hrs (with 12 kg payload) 16 hrs (with 4 kg payload)
Service Ceiling	18,000 ft (MSL)
Operational Temperature	-30°C to +55°C
Cruise Speed	52 – 85 kts
LOS Range	150 km
Takeoff/Landing	VTOL (Multirotor)
Engine	2-Stroke/15 HP
Fuel Type	Gasoline/HF
Wind Limits	Takeoff/Landing: 15 kts cross wind Max wind at FL: 40 kts

PAYLOADS

- EO/IR (Standard)
- ESEN Wide Area Surveillance
- ESEN COMINT/DF
- ESEN Vision Based Navigation System
- SIGINT
- AIS
- SAR
- Communication Relay
- Mapping Camera/LiDAR



Military Configuration

All Components Contained in Two Shelters

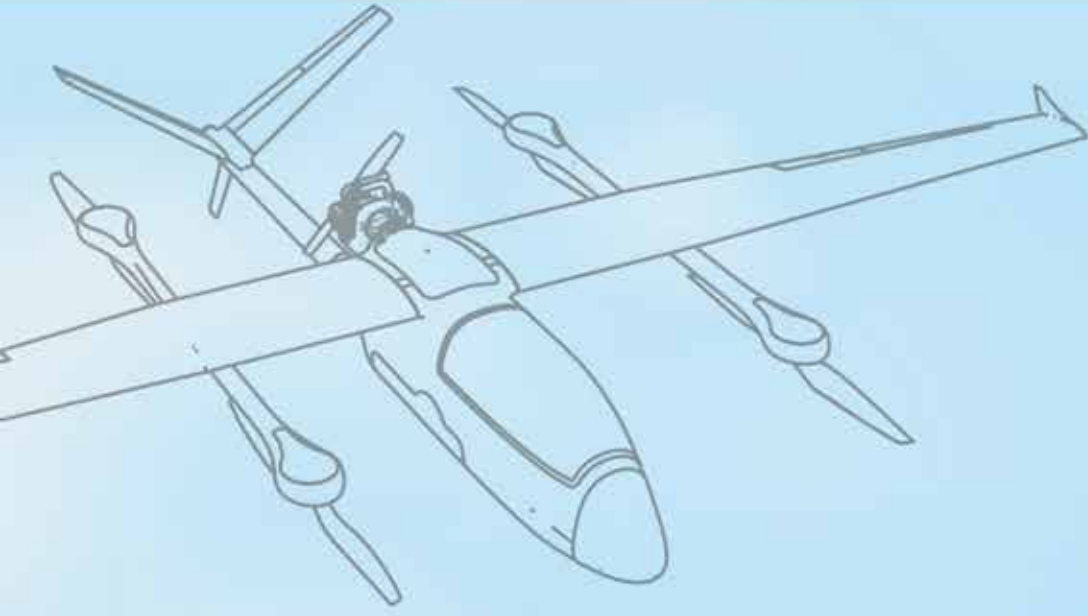
- ✓ 20 ft Shelter Containing Two UAVs, Control & Transportation Stations
- ✓ 10 ft Shelter Containing Generator



Mobile Configuration

All Components Contained in Two Vans

- ✓ First Van: Containing Control Stations
- ✓ Second Van: Containing Two UAVs, Transportation Stations, Generator



www.esensi.com.tr

Phone: +90 312 220 14 88

Fax: +90 312 220 14 89

ESEN METU Technopolis Office

Üniversiteler Mahallesi, İhsan Doğramacı Bulvarı
37/3 Titanyum C Blok Kat 2, ODTÜ Teknokent, 06800,
Ankara, Türkiye

ESEN Hacettepe Technopolis Office

Üniversiteler Mahallesi, 1596. Cadde, 6. AR-GE F Blok,
Bina No:6F, Kat 5, OİS No:6, Hacettepe Teknokent, 06800
Ankara, Türkiye