AKSUNGUR
HIGH PAYLOAD CAPACITY UAS
for Persistent Multi Role ISR & Strike Missions

ANKA-AKSUNGUR is a Medium Altitude Long Endurance (MALE) class UAV System, capable to perform day and night Intelligence, Surveillance and Reconnaissance (ISR) and strike missions with EO/IR, SAR and SIGINT payloads, and a variety of air to ground weapons.

ANKA-AKSUNGUR is powered by two PD-170 twin-turbocharged diesel engines enabling long endurance operations up to 40,000ft.

SYSTEM FEATURES
- Fully autonomous operation
- Dual redundant automatic flight control system
- Dual redundant automatic take-off and landing system
- Dual redundant electrical power generation system
- Dual redundant digital datalinks with encryption
- DO-178B compliant software
- DO-254 compliant hardware
- GCS and datalink compatibility with existing ANKA UAV systems
- Ice protection system (optional)
- Beyond Line of Sight (BLOS) operation flexibility with SATCOM (optional)

PAYLOAD OPTIONS

IMAGE INTELLIGENCE PAYLOADS
- EO/IR/LD/LRF Camera
- SAR/GMTI/SAR
- Wide Area Surveillance Camera

SIGNALS INTELLIGENCE (SIGINT) PAYLOADS
- COMINT/DF
- ESM/ELINT

MARITIME PATROL PAYLOADS
- SAR/GMTI/SAR
- Automatic Identification System
- Sonobuoy Pod
- MAD Boom

COMMUNICATION PAYLOADS
- SATCOM
- Personnel Locating System (PLS)
- V/UHF Radio Relay
- Airborne Communications Node Pod

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Engine Type</th>
<th>PD-170 Dual Turbo Diesel</th>
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<tr>
<td>Engine Power</td>
<td>2x170 HP (SL, ISA)</td>
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<tr>
<td>Wing Span</td>
<td>24 m</td>
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<tr>
<td>Max. Takeoff Weight</td>
<td>3300 kg</td>
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<tr>
<td>Ground Attack/Maritime Mission</td>
<td>12 hours at 25kft with 750 kg</td>
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<tr>
<td>SIGINT Mission</td>
<td>24 hours at 35kft with 150 kg P/L</td>
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WEAPONS OPTIONS

- 3 hardpoints on each wing with 500 kg, 300 kg and 150 kg capacities
- TEBER-81 (Laser Guided Mk-81)
- TEBER-82 (Laser Guided Mk-82)
- LUMTAS
- MAM-L
- Cirt
- MAM-C
- HGK-3 (Precision Guidance Kit)
- KGK (82) (Wing Assisted Guidance Kit)
- Small Diameter Bomb