

AYBARS-2

AEROGARD VTOL 3800-H



Main Areas of Use

- Long-Endurance Surveillance and Patrol Missions
- Border Region Monitoring
- Hybrid Flight Operations (VTOL & Runway)
- Domestic and Export-Oriented Deployments
- Strategic Reconnaissance Tasks
- High-Performance Tactical Missions
- Wild Life Control
- Operations in Maritime Environment

Technical Specifications

- Model Name: AEROGARD VTOL 3900-H (AYBARS 2)
- Wingspan: 3900 mm
- Flight Duration:
 - 7-8 hours (VTOL Mode)
 - 11-12 hours (Runway Mode)
- Flight System: Hybrid (Vertical & Runway Takeoff)
- Structure: Lightweight and Efficient Design
- Status: Actively Used, Also Exported



HEADQUARTERS

Yaşamkent Mah. 3036. Cad. No: 15
06810 Çankaya/Ankara, Türkiye

PRODUCTION FACILITY

Malıköy Başkent OSB Mahallesi 19. Cad.
Dış Kapı No: 65 06909, Sincan/Ankara,
Türkiye

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UAV Technical Specifications

Wingspan	3.9 m
Fuselage Length	2.26 m
Maximum Takeoff Weight	36 kg
Maximum Payload	5 kg
Propulsion System (V)	4xBrushless DC Motor
Propulsion System (H)	1X70 cc EFI Engine
Material	Composite
Range / Data Link	100 Km (Optional)
Fuel Tank	10 L (Optional 20 L for Runway)
Flight Time	Up to 7-8 hours
Operating Speed	80 Km/h
Maximum Speed	130 Km/h
Ceiling Altitude	MSL 13.000 ft
Ground Control Station	Rugged Single & Dual Screen Windows GCS
Operating Temperature	-20°C to +60°C



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