

YABHON-R 2



Overview

YABHON-R2 is a Medium Altitude Long Endurance (MALE) UAV, designed and manufactured by ADCOM Systems for tactical missions including real time day and night reconnaissance and surveillance, search and rescue, border surveillance, remote area monitoring and other similar missions.

YABHON-R2 is designed for short take off and landing using a semi-prepared short runway. It can land on wheels or by emergency parachute system.

Specifications

• Wingspan	8.5 m	27.89 ft
• Length	5.5 m	18.04 ft
• Height	2.3 m	7.55 ft
• Effective wing area	12 m ²	129 ft ²
• Empty weight	385 kg	849 lb
• Max. take-off weight	650 kg	1433 lb
• Payload weight	30-270 kg	66-595 lb
• Fuel tank capacity	270 lt	71 gallon
• Engine Type	Rotax 914 UL3	
• Power	84.5 kw / 115 hp	
• Chassis	Retractable	

Payload

Wide range of payload sensors including:

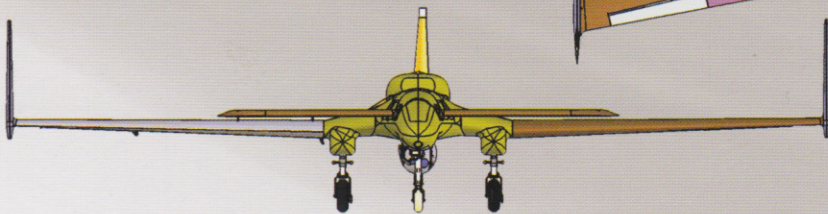
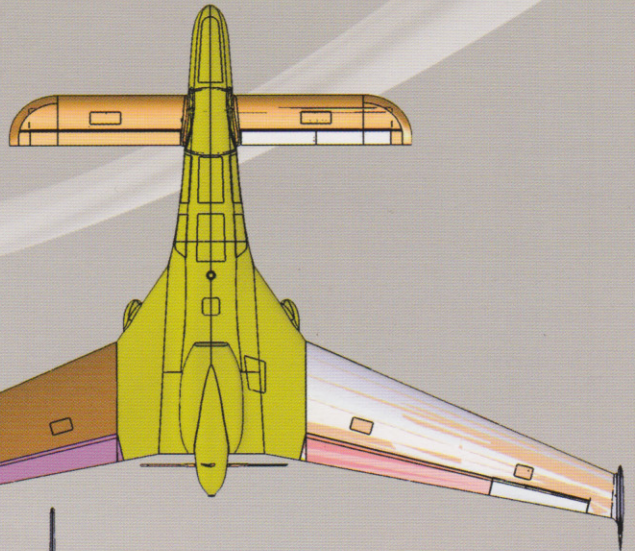
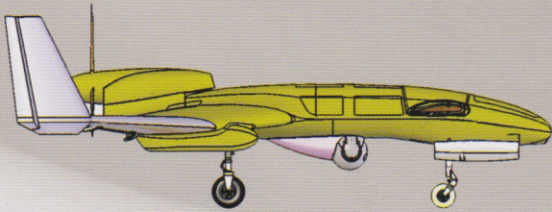
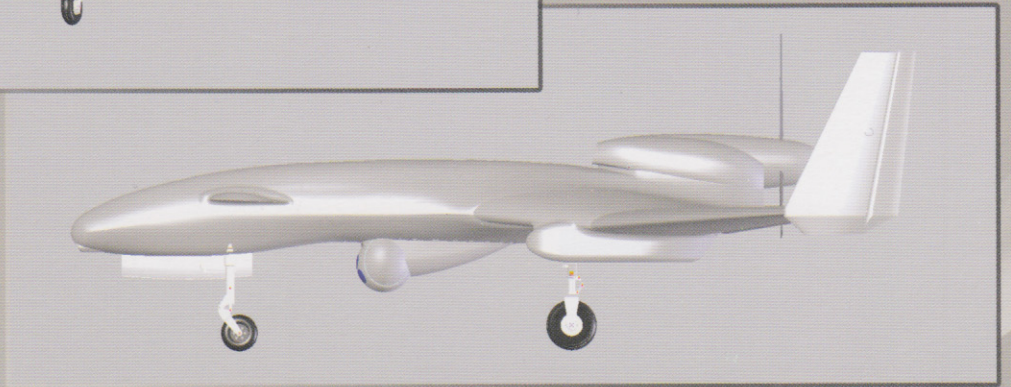
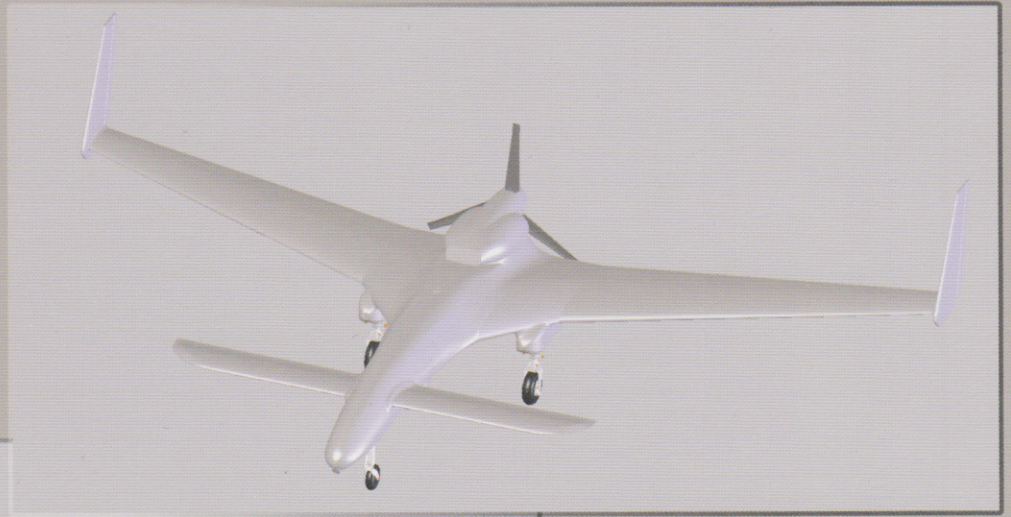
- IR
- Thermal imager
- LDFR
- EO sensors

Flight Performance

• Stall speed without flaps	93.6 km/h	[26 m/s]	50.5 kt
• Cruise speed	120-200 km/h	[33-55 m/s]	65-107 kt
• Max speed	250 km/h	[69 m/s]	135 kt
• Landing speed with released flaps	85 km/h	[23 m/s]	45 kt
• Endurance	30 hrs		
• Ceiling	6700 m		22,000 ft
• Voltage of onboard network		24 w	
• Onboard Alternator		1.5 kw	



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Uwe W. Jack

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