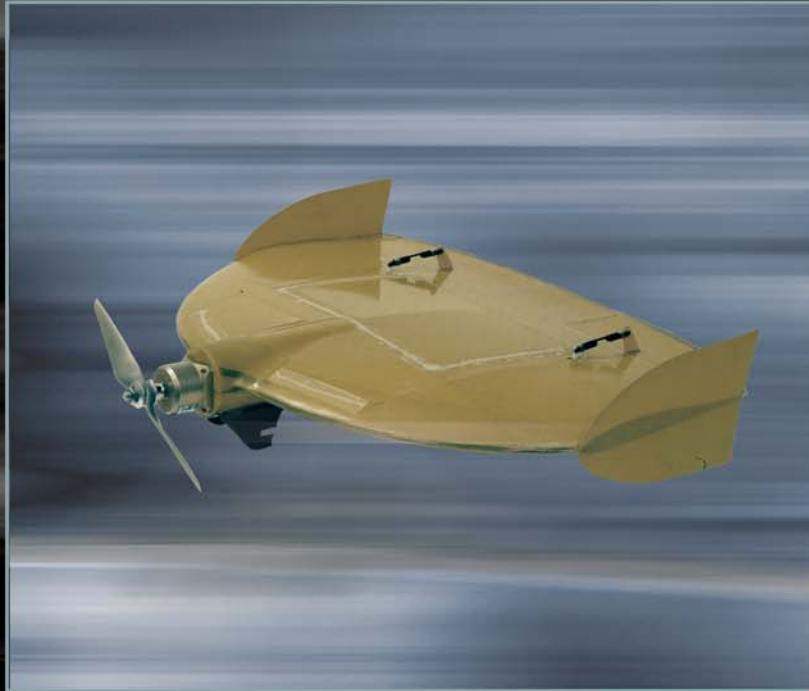




## MOSQUITO

A MICRO-UAV SYSTEM PROVIDING REALTIME IMAGERY DATA LIMITED URBAN AREAS



### Main features and capabilities

- The Mosquito micro-UAV design and production is done within IAI
- The airframe is entirely manufactured from composite materials
- The system consists of light-weight autopilot based on MEMS components
- GPS is a light-weight high quality component which provides data at 4 pps
- Datalink provides all necessary information needed to control the micro-UAV

# MOSQUITO

**PRIMARY FUNCTION, ISR MISSIONS, SITUATIONAL AWARENESS AND  
DIRECT TARGET INFORMATION POWER PLANT, ELECTRICAL MOTOR,  
RECHARGEABLE LIPO BATTERIES**



## Performance

Mission Radius:	3 km
Endurance	0.7 h
Ceiling	Up to 500 ft AGL
Loiter Speed	33 ktas
Max. Speed	60 ktas

## Technical Data

Max. Takeoff Weight (MTOW)	0.5 kg
Max. Payload Weight	150 g
Wingspan	0.35 m



**Israel Aerospace Industries  
MALAT Division**

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