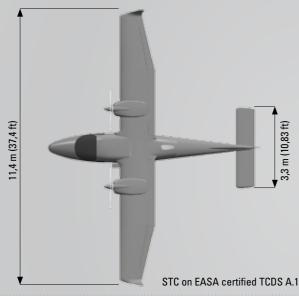
## TECNAM MMA Most Efficient Multi-Fuel Platform

#### **MAIN FEATURES**

- Independent mission power supply system 60 Amps @ 28 Volts (6 electric busses - 14/28 Volts, switchable)
- Separate mission battery / separate ground power socket
- Individual and multifunctional operator desk
- Hatch with retractable sensor support
- Passive surveillance painting air superiority grey
- Lowest noise emission (67.07 dB(A) accord. ICAO/Annex.16 Chapt. X)
- Hard points for various antenna installations
- STOL and rough runway operation
- Field proven Rotax engine, world wide support network
- Ground air condition system (optional)
- Oxygen system (optional)



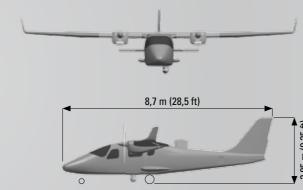
#### PERFORMANCE

Max cruise speed	145 KTAS
Cruise speed (75%, 7,000 ft)	140 KTAS
Cruise speed (65%, 9,000 ft)	135 KTAS
Stalling speed with flaps	53 KTAS
Min mission speed	64 KIAS

Fuel tanks standard		2x97 lt	(2x25.6 US Gal)
Fuel consumption on mis	sion	2x15 lt	(2x4 US Gal)
Fuel requirement	Autom	otive Gasoline	EN228 Premium
		and/or AVG	AS in any blend

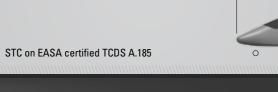
Climb rate, s.l.		1,140 ft/min
Climb rate, s.l. (single engine)		230 ft/min
Service ceiling (twin engine)		15,000 ft
Max ceiling (single engine)		6,600 ft
Take-off distance, s.l.	390 m	1,250 ft
Landing distance, s.l. both over 15 m (50 ft) obstacle	330 m	1,050 ft

Source: Tecnam/Airborne Technologies, V6.0 04/11 Specifications differ according to sensor equipment.













**EASA Design Organization AP320** 

#### **ABOUT THE COMPANY**

We are an Austrian private limited company based at the Wiener aircraft/data processing systems for remote sensing applications and deliver fully certified special service platforms. Airborne Technologies GmbH Viktor-Lang-Straße 8 A-2700 Wiener Neustadt info@airbornetechnologies.at www.airbornetechnologies.at P+43 2622 34718, F+43 2622 34718 15

# TECNAM MMA **MULTI MISSION AIRCRAFT**

Sensor Payload up to 115 KG // Best Economy **Lowest Direct Operating Cost // Min. Mission Speed: 64 KIAS** 

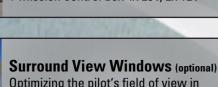




### **Autonomous Power Supply System** for Mission Equipment

Separate 28V/60A alternator supporting mission equipment exclusively

- + Extra battery
- + Extra external power socket
- + Mission control box 4x 28V, 2x 12V





Optimizing the pilot's field of view in special service missions



**Mission Management System** Enhances mission crew coordination



**Sensor Operator Station & Camera Lift** 

Ergonomic and spacious working



**Mission GPS Antenna** 

Source for geo-referencing & moving map



**Flexible Mission Painting Scheme** 

Mission environment camouflage painting non reflecting



**Beyond-Line-Of-Sight Satellite System** 

Worldwide data transmission



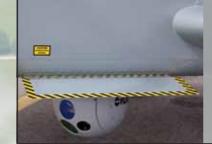
**Line-Of-Sight Downlink System** 

Local data transmission



**Systems Compartment** 

Plenty of space for storage and support units (airborne server room)



**Large Sensor Bay** 

Versatile internal sensor compartment with a retractable sensor support system

## **DESIGNED FOR PRECISION**

#### **TYPICAL MISSION CONFIGURATION**

385 kg Max Payload

- 170 kg Crew (Pilot + Operator each 85 kg)
- 21 kg Sensor Equipment (L3-MX10 or FLIR UltraForce 350)
- 16 kg Sensor Lift
- 18 kg Uplink System (SCOTTY Satcom Rack)
- 6 kg Downlink System (BMS)
- 10 kg Operator Workstation + Moving Map (EUROAVIONICS)
- 5 kg Tactical Communication HF-Radio
- 139 kg Fuel for 5 h+