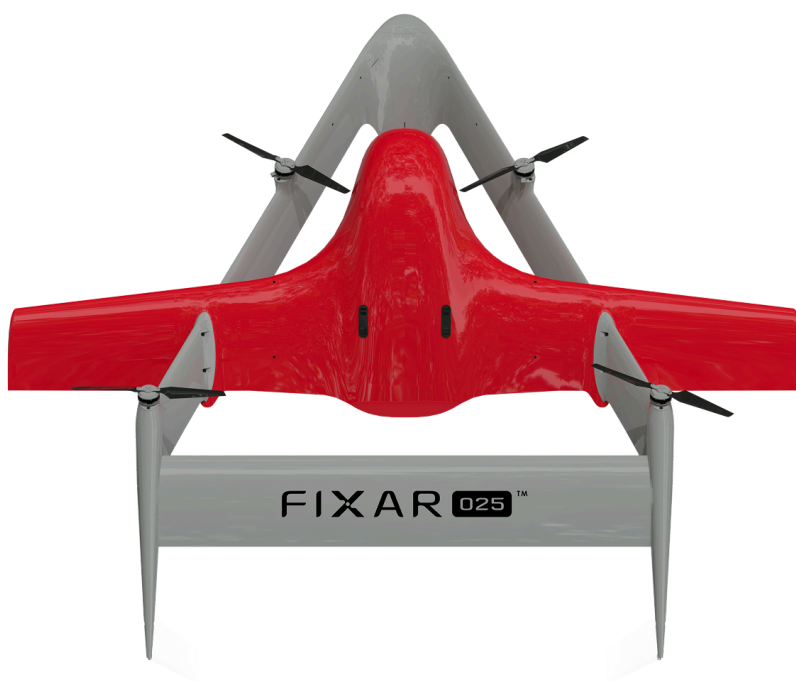




# FIXAR 025 technical specifications



Date issued: July 07, 2025



Feature	FIXAR 025
Design	EU
Aircraft type	Vertical take-off and landing (VTOL) aircraft
Wingspan	2,860 mm (112.6 in)
Flight time	Up to 210 min
Maximum flight distance	Up to 300 km (186.4 mi)
Maximum flight altitude (ASL*)	6,115 m (20,062 ft)
MTOW**	25 kg (55.1 lb)
Payload capacity	10 kg (22 lb)
Multiple payloads	Integrable simultaneously
Maximum speed	21 m/s (75.6 km/h), (47.0 mph)
Cruising speed	16 m/s (57.6 km/h), (36.0 mph)
Deployment time	10 min
Training duration	3 days
Operational costs	\$200 per year
Maximum wind resistance	15 m/s (54 km/h), (33.6 mph)
Number of rotors	4
Body length	2,359 mm (92.9 in)
Transponder	Optional ADSB/Remote ID
IP rate	IP54
Operating temperature	-30 °C to +60 °C (-22 °F to 140 °F)
Software	FIXAR xGroundControl (proprietary)
Autopilot	FIXAR autopilot 2.0 (proprietary)
Communication protocol	FIXAR proprietary
Ability to fly in geomagnetic interference areas	Yes, the navigation system does not use a compass
Ability to fly in GPS-denied environment	Basic - IMU-based flight for jamming scenarios Advanced - computer vision + AI system for GPS-denied environment navigation



Feature	FIXAR 025
Quick deployment, flight w/o mission	Available in autonomous and manual mode
Mission flight autonomy	Autonomous mission flight
Take-off and landing autonomy	Autonomous landing
Collision avoidance system	Automatic terrain tracking functionality LiDAR-based altitude adjustment at low AGL in cruise / mission flights
Manual control	Integrated with FIXAR xGroundControl
Power type	Electric
Battery info	Li-Ion, 44.4V, 54AH (12S2P)

\*ASL - above sea level.

\*\* MTOW - maximum take-off weight.



# Contact

We eagerly look forward to the opportunity to work with you.

For more information and to get in touch, please reach out to us using the following contact details:

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