



EASTSIDE AERIALS

DJI INSPRIE 3 FOR BROADCASTING

DJI INSPIRE 3

The DJI Inspire 3 is a high-end cinema drone for broadcast and film production that integrates professional aerial imagery into studio and OB van workflows with a full-frame 8K camera, precise dual-operator control, and reliable O3 Pro transmission.

HARDFACTS

type	multicopter-quadcopter
type of propulsion system	electric (lithium-polymer)
maximum take-off mass (MTOM)	4,31 kg
characteristic dimensions	709,8 × 500,5 × 176 mm (folded)
flight time	up to 28 minutes (landing gear down)
maximum speed	94 km/h
maximum altitude	Standard propeller: approx. 3,800 m High-altitude propeller: up to approx. 7,000 m
maximum range	up to 15 km (FCC) or approx. 8 km (CE)
frequency of telemetry	2,4000 – 2,4835 GHz 5,150 – 5,250 GHz 5,725 – 5,850 GHz



CAMERA & TRANSMISSION

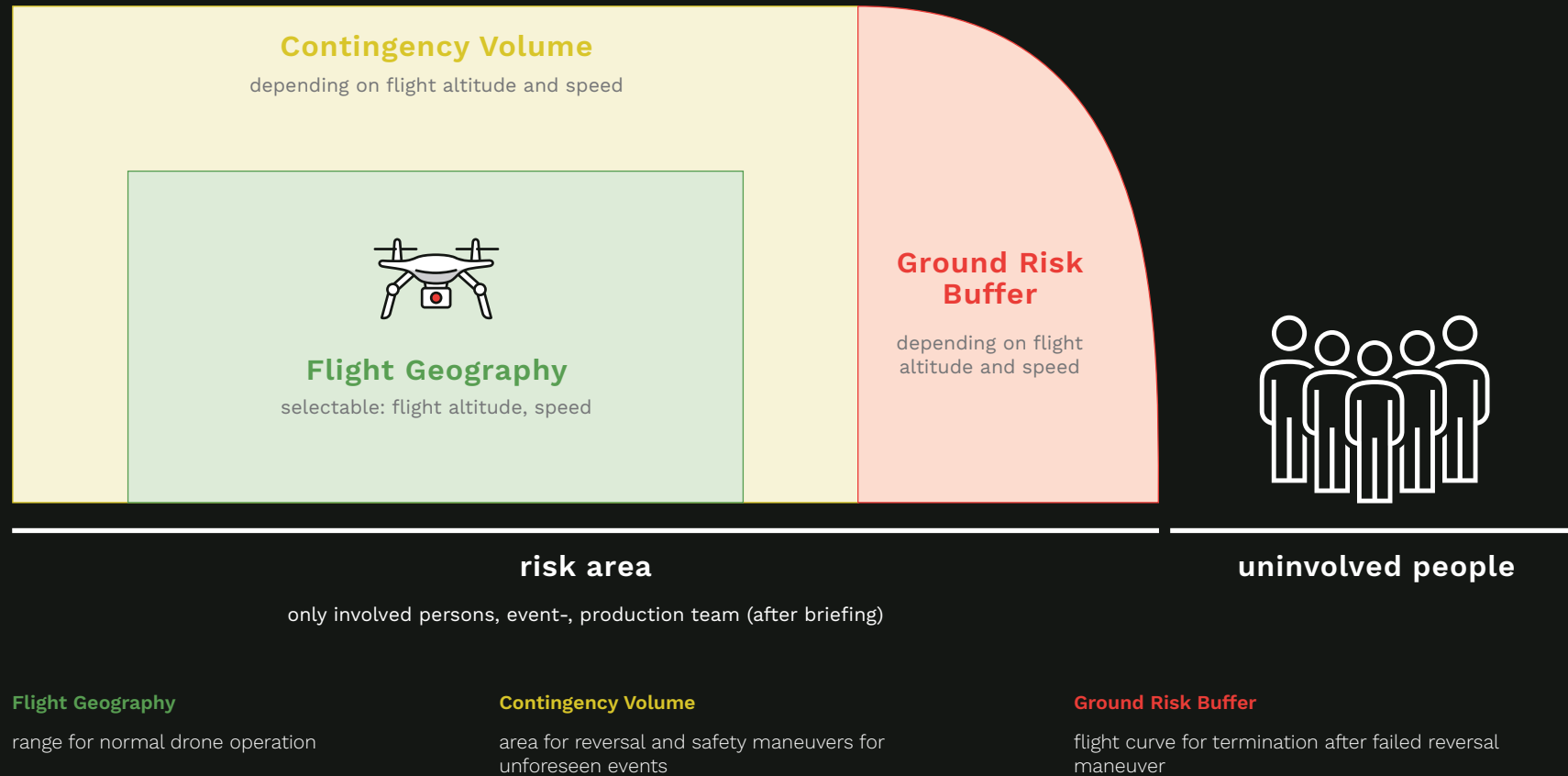
camera	DJI Zenmuse X9-8K Air
lens	35 mm full-frame CMOS (approx. 44.7 MP)
native formats	-
controllable parameters (DOP)	focus, iris, zoom
RCP (DOP / OB-van)	-
gimbal	3-axis - 360°
frequency video	-
communication	wireless-intercom (team) with 4-wire integration for connection to OB-van





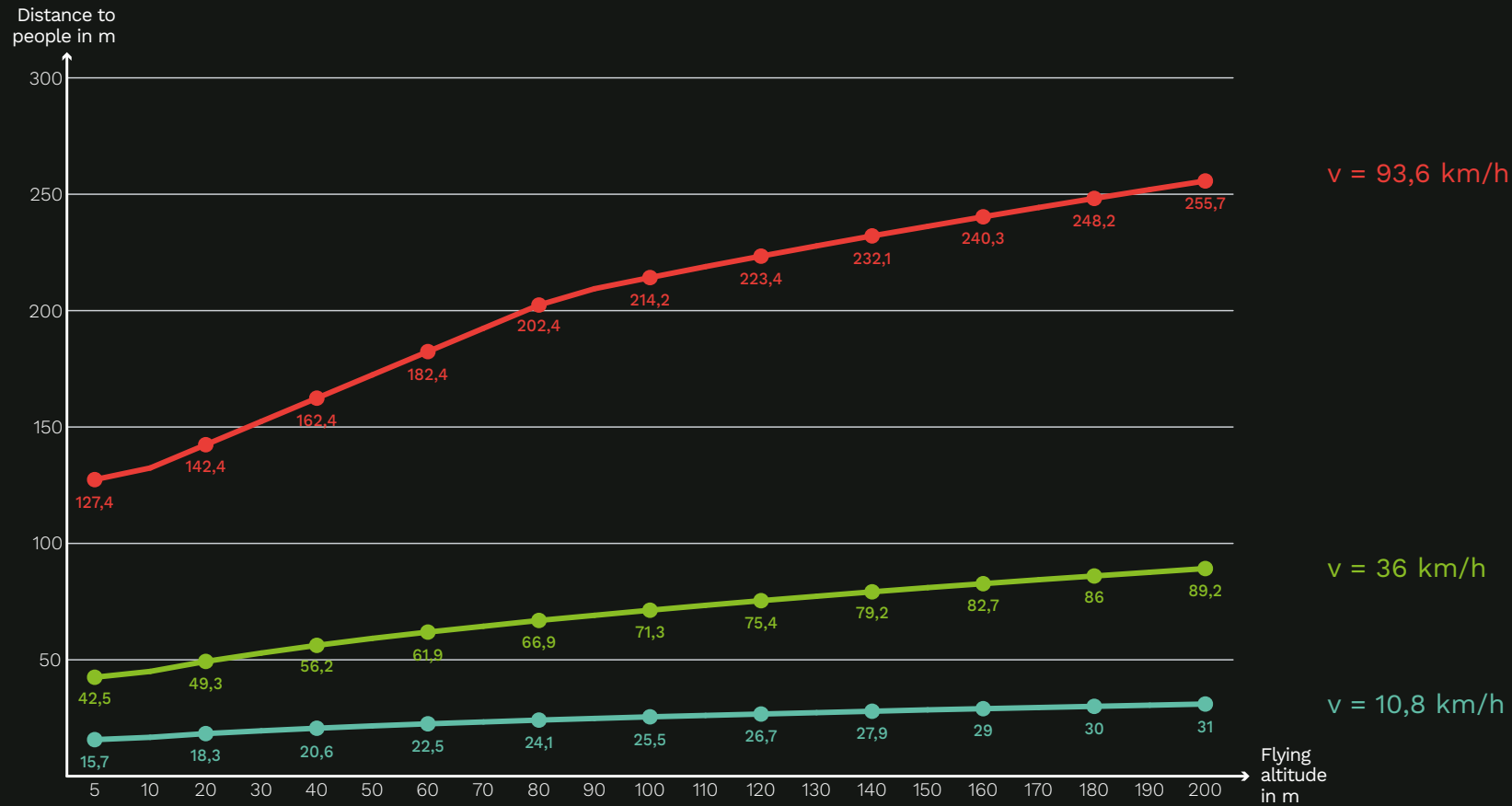
SAFETY

Operational authorisation in the specific category (SORA) in the European standard forms the legal base for operations at large events with assemblies of people and in city centers.



SAFETY

Instead of blanket prohibitions (city centers, airports, assemblies of people) projects in challenging environments can be realized by individual solutions (adjusting altitude and speed of UAV) (see diagram).



SAFETY

- individual risk analyses, safety briefings as well as action and reporting chains for each production
- regular audits by independent authorities of the Luftfahrt Bundesamt
- all pilots with competence certificate A1/A3 and remote pilot certificate A2
- experience with international LIVE productions in wintersports, motorsports, major events
- Experience in preparation of complex productions with several stakeholders (organizer, int. production, LBA, event security, police)



REQUIREMENTS

- desired flight geography needs to be communicated at least 2 weeks before production starts (at least 4 weeks when operation is abroad (EU))
- take-off and landing place within desired flight geography with uninterrupted visual line of sight to the UAV (increasments in terrain, rooftops, etc.)
- permanent parking for van near the stand (max. 50m) alternatively: space for base tent, 3x3m, level ground
- aunch platform for UAV, 2x2m, flat surface (platform floor or similar without railings)
- 32A power supply at the stand
- signal-pickup, supply of a programm-feed and 4-wire for communiation
- permission of property owner for take-off and landing
- fixed contact for security-related matters



DJI INSPIRE 3 DEMO



EASTSIDE AERIALS

a brand of
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