



OPERATIONAL AUTHORISATION FOR THE 'SPECIFIC' CATEGORY

ISSUE 2



Data protection: the competent authority processes the personal data submitted in the application in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons in the processing of personal data and on the free movement of such data and on the repeal of Directive 95/46/EC (protection of personal data general regulation). The competent authority processes personal data for the purposes of filling out the request, managing it and taking follow-up measures in accordance with Article 12 of Regulation (EU) 2019/947 of 24 May 2019 on the rules and procedures for the operation of unmanned aircraft.

If the applicant needs additional information about the processing of their personal data or the exercise of their rights (for example, to access or correct inaccurate or incomplete data), they must contact the contact point of their competent authority.

The applicant has the right to file a complaint with the national data protection authority regarding the processing of his personal data at any time.

1. Authority that issues the authorisation

1.1 Issuing authority	Estonian Transport Administration
1.2 Point of contact Office Telephone Email	Valge 4, Tallinn +372 620 1200 info@transpordiamet.ee

2. UAS operator data

2.1 UAS operator registration number	ESTdwjhmpklcocs
2.2 UAS operator name	Hades Geodeesia OÜ
2.3 Operational point of contact Name Telephone Email	Andrei Bljahhin +372 56848480 Andrei.bljahhin@hades.ee

3. Authorised operation

3.1 Authorised location(s) including the lower and upper limits of the operational volume	☒ Generic Territory and airspace of Estonia, subject to the limitations and conditions of the OM, risk assessment and this authorisation. ☐ Precise, specify coordinates
3.2 Risk assessment reference and revision	☒ SORA edition 2.5 ☐ PDRA # __ - __ edition date ____ ☐ other _____
3.3 Level of assurance and integrity	☐ SAIL I ☒ SAIL II ☐ SAIL III ☐ SAIL IV ☐ SAIL V ☐ SAIL VI ☐ Other _____
3.4 Type of operation	☒ VLOS ☒ BVLOS
3.5 Transport of dangerous goods	☐ Yes ☒ No
3.6 Dropping material	☐ Yes ☒ No

3.7 Ground risk characterisation	3.7.1 Operational area (maximum population density)	☐ Controlled ground area	
		☐ Sparsely populated area	☐ Up to 5 people/km ² ☐ Up to 50 people/km ² ☐ Up to 500 people/km ²
		☒ Populated area	☐ Up to 5000 people/km ² ☒ Up to 50000 people/km ² ☐ More than 50000 people/km ²
		☐ Assemblies of people	☐ No limit
	3.7.2 Adjacent ground area	☐ Sparsely populated area	☐ Up to 5 people/km ² ☐ Up to 50 people/km ² ☐ Up to 500 people/km ²
		☒ Populated area	☐ Up to 5000 people/km ² ☒ Up to 50000 people/km ² ☐ More than 50000 people/km ²
		☐ Assemblies of people	☐ No limit
3.7.3 Adjacent ground area (outdoor assemblies of people allowed within 1 km of the operational volume)	☒ Up to 40 000 people ☐ Up to 400 000 people ☐ More than 400 000 people		
3.8 Ground risk mitigations	3.8.1 M1(A) - Sheltering	☐ No ☐ Low ☒ Medium ☐ High	
	3.8.2 M1(B) – Operational restrictions	☒ No ☐ Medium ☐ High	
	3.8.3 M1(C) - Ground observation	☒ No ☐ Low	
	3.8.4 M2 – Mitigation to reduce effect of ground impact	☐ No ☒ Medium ☐ High	
3.9 Final ground risk class (GRC)		2	
3.10 Residual air risk level in the operational volume	3.10.1 Operational volume	☐ ARC-a ☒ ARC-b ☐ ARC-c ☐ ARC-d	
3.11 Air risk mitigations	3.11.1 Strategic mitigations	☐ No ☒ Yes If yes, please describe: as per SORA-03 p5	
	3.11.2 Tactical mitigation methods	VLOS, EVLOS	
3.12 Achieved level of containment		☒ Low ☐ Medium ☐ High ☐ Tethered	
3.13 What is the minimum RP:UA ratio allowed between the remote pilot (RP) and the UA that may be operated simultaneously?		RP:UA 1 : 1	
3.14 Remote pilot competency		OM p. 3.6	

3.15 Competency of staff, other than the remote pilot, essential for the safety of the operation		OM p.3.6	
3.16 Type of events to be reported to the competent authority (in addition to those required by Regulation (EU) No 376/2014)		OM p.10	
3.17 Insurance		☐ No ☒ Yes	
3.18 Compliance matrix file reference		SORA-03 p.11	
3.19 Remarks / additional limitations			
4. Data of authorised UAS			
4.1 Design organisation name (optional)	3.1.1 SZ DJI Technology Co., Ltd. 3.1.2 Wingtra AG	4.2 Model name (optional)	4.2.1 Matrice 4E 4.2.2 WingtraOne Gen 2
4.3 Type of UAS	☐ Fixed-wing ☒ Rotorcraft (Matrice 4E) ☐ Rotorcraft-gyroplane ☒ Hybrid/VTOL (WingtraOne Gen 2) ☐ Lighter than air ☐ Other _____	4.4 Maximum UA characteristic dimensions	4.4.1 0.3875 m 4.4.2 1.25 m
4.5 Take-off mass (optional)	4.5.1 1,420 kg 4.5.2 4,8 kg	4.6 Maximum operational speed	4.6.1 21 m/s (40.821 kt) 4.6.2 16 m/s (31.101 kt)
4.7 Type of C2 link		DJI Matrice 4E — Direct RF C2 link, operating in the 2.4 GHz and 5 GHz bands, as specified in the OM WingtraOne Gen 2 — Direct RF C2 link, operating in the 2.4 GHz band, as specified in the OM	
4.8 Size of the adjacent ground area		5 km	
4.9 Additional technical requirements		n/a	
4.10 Serial number or, if applicable, UA registration mark (optional)		n/a	
4.11 Number of type certificate (TC) or design verification report (DVR), number and issue date (optional)		n/a	
4.12 Number of the certificate of airworthiness (CofA) (optional)		n/a	
4.13 Number of the noise certificate (optional)		n/a	
4.14 E-conspicuity system		☒ Direct remote ID ☐ Network remote ID ☐ SRD-860 In ☐ SRD-860 Out ☐ ADS-B In ☐ ADS-B Out ☐ Other _____	
5. Remarks			

Operations shall be conducted only in accordance with the approved SORA/ConOps and Operations Manual, including the specified operational volume, containment provisions, operational procedures, emergency procedures and mitigation measures.

6. Operational authorisation	
Hades Geodeesia OÜ is authorised to conduct UAS operations with the UAS(s) defined in Section 4 and according to the conditions and limitations defined in Section 3, for as long as it complies with this operational authorisation, with Implementing Regulation (EU) 2019/947, and with any applicable Union and national regulations related to privacy, data protection, liability, insurance, security, and environmental protection. Any flight outside Estonia must comply with all the requirements defined in this operational authorisation and is subject to validation by the competent authority of the Member State where the operation is intended to be performed, in accordance with Article 13 of Implementing Regulation (EU) 2019/947. The condition specified in this operational authorisation shall be supplemented, where necessary, by proof of compliance with the local conditions published by the Member State where the operation is intended to be performed and the implementation of mitigations to address risks specific to the airspace, terrain, population and climatic conditions of the flight area.	
6.1 Operational authorisation number	EST-OAT-028/001
6.2 Valid from	10/07/2026
6.3 Expiry date	09/07/2031
Date 10.07.2026	Signed digitally Priit Rifk /signed digitally/