



Operational Authorisation



1. Authority releasing the authorisation		
1.1 State of the UAS operator	The Netherlands	
1.2 Issuing authority	CAA-NL (ILT)	
1.3 Contact person		
Name	Team Luchtruim, Infra en Drone Operaties - Afdeling Vergunningverlening Rail en Luchtvaart	
Telephone	+ 31 (0) 88 489 00 00	
Email	vergunningverlening_drones@ilent.nl	
2. UAS operator data		
2.1 UAS operator name	T&A Survey	
2.2 UAS operator registration number	NLD0zk2lv9lj2i5o-lwt	
2.2a Accountable manager	Michiel van Oers	
2.3 Operational point of contact		
Name	Michiel van Oers	
Telephone	+31 (0) 61 58 98 705	
Fax	N/A	
Email	molenaar@ta-survey.nl	
2.4 Authorisation number	NLD-OA-072/01G	
3. Data of authorised UAS		
3.1 Maximum characteristic dimension	3 meters	
3.2 Maximum typical kinetic energy	<34 kJ	
3.3 Configuration	A/H - Airplane/Rotorcraft	
3.4 Manufacturer	As per declaration (TU)	
3.5 Model	As per declaration (TU)	
3.6 Type certificate (TC) (if required)	N/A	
3.7 Serial number of UA registration mark (for certified UAS)	N/A	
3.8 Certification of airworthiness (CofA) (if required)	N/A	
3.9 Noise certificate (if required)	N/A	
3.10 Requirements for continuing airworthiness	As per OSO SAIL II requirements related to maintenance and inspection	
4. Limitations and conditions for the UAS operation		
4.1 Authorised location(s)	The Netherlands and other EU-countries in accordance with article 13 of Implementing Regulation (EU) 2019/947	
4.2 Privileges		
4.2.a	VLOS operations in Atypical airspace (not more than 30 meters from a building or an object)	
4.2.b	VLOS over sparsely populated area	
4.2.c	VLOS over controlled ground area (in populated environment only in Atypical airspace)	
4.2.d	Use of tethered drones is allowed (M1 = low)	
4.2.e	Adjacent area outside the ground risk buffer may contain assemblies of people (step 9 requirements are included)	
4.2.f	Adjacent airspace (outside the operational volume) may be up to and including ARC-D airspace	
4.2.g	ICAO class G airspace	
4.3 Optional Privileges		
4.3.a	EVLOS over sparsely populated area or controlled ground area (latency not more than 15 seconds)	No
4.3.b	Civilian controlled CTR (ICAO class C or D airspace) subject to SERA requirements and/or in accordance with local/national published procedures	No
4.3.c	Military controlled CTR (ICAO class C or D airspace) subject to SERA requirements and/or in accordance with local/national published procedures	No
4.3.d	NSAA in Atypical airspace	Yes
4.3.e	NSAA outside Atypical airspace	No
4.3.f	BVLOS in accordance with PDRA-01-CAA-NL2020 and: MTOM up to 1 kg & typical kinetic energy < 700 J Over controlled ground area within Atypical airspace	No
4.4 Authorised airspace risk level		
4.4.a	Up to and including ARC-D airspace	
4.5 Operational limitations	<ul style="list-style-type: none">• Maximum UAS characteristic dimension is 3 meters• Typical kinetic energy is less than 34 KJ• Maximum SAIL is II (declarative regime)• Maximum operating height 400 feet AGL (unless in Atypical airspace)	

4.6 Mitigation measures	<ul style="list-style-type: none"> • M1 = Low • M2 = None • M3 = Low (VLOS) • M3 = Medium (EVLOS) • Final GRC = 3 (VLOS & EVLOS) • Intrinsic ARC = ARC-A (Atypical airspace), ARC-B (class G-airspace/rural area), ARC-C (only when operations in NSAA-TMZ are approved) and ARC-D (only when operations in ICAO class C & D airspace are approved) • Final ARC = ARC-A (Atypical airspace) or ARC-B for all other operations approved under this OA. Where applicable, the reduction from ARC-C/D to ARC-B is justified by generic local density analysis for operations in The Netherlands. For x-border operations, the reduction from ARC-C/D to ARC-B requires the prior approval of the competent authorities of the EU-MS where the operation takes place. • OSO's at SAIL II level • In accordance with Step 9 (SORA) requirements
4.7 Remote pilot competency	As per declaration (CP) and in accordance with mitigating measures identified in this OA
4.8 Competency of other staff essential for the safety of the UAS operation	As per declaration (CP) and in accordance with mitigating measures identified in this OA
4.9 Records to be kept	All records in accordance with UAS.SPEC 050 (1)(g) and latest version of all relevant declarations
4.10 Type of events to be reported to the competent authority according to Regulation (EU) No 376/2014	See https://www.ilent.nl/onderwerpen/voorvallen-luchtvaart for details.
4.11 Expiry date	1-1-2027
The operator	T&A Survey (2.1) is authorised to conduct UAS operations with the UA defined in Section 3 and according to the conditions and limitations defined in Section 4 if it complies with this authorisation, as well as with Annex IX to Regulation (EU) 2018/1139 and its implementing rules.
Date	8-12-2021
Signature	
Name	R. (Ronald) A.J. van Put
Stamp	CAA-NL (ILT)
<p>This is a generic Operational Authorisation (OA) based on a generic national UAS Operator Certificate converted in accordance with article 21, paragraph 2, of (EU) 2019/947. Within the limitations and ConOps stated above, the use of various UAS's and crew members is permitted as long as meeting the SORA requirements is declared and guaranteed by the operator per UAS-type and crew member. Four types of SORA related declarations are used:</p> <ul style="list-style-type: none"> - UAS technical requirements (TU) - Organisation/Operational requirements - Qualification of crew (CP) - Qualification of maintenance staff <p>These declarations are part of the OA and should be kept up to date by filing any changes to ILTDocumentManagement@ILENT.nl before commencing related operations. A copy of all relevant declarations must be carried during operations.</p>	