

UAS GEOZONE ENTRY REQUIREMENTS FOR AD Geozone

Aerodrome Protection Zone



GEOZONE MANAGEMENT (to apply for flight authorization)	
Sint-Truiden AD Commander	ebst.geozonemanager@droneport.eu
Sint-Truiden AD Commander	+32 (0) 11 58 09 89
Online information:	https://droneport.eu/onbemande-luchtvaart/vluchtgebieden/adgeo/
Online Platform	https://skyman.lu/ebst/

Geozone part of EBST; Aerodrome Protection Zone			
Reference coordinate	Radius of 2.32NM around Aerodrome Reference Point 50°47'31"N 005°12'06"E	Zone height	4500ft AMSL
		UA Max height allowed	OPEN & SPEC: maximum 30ft AGL or higher if authorised by the DAC within a time slot issued in the flight authorisation.
Ground buffer	None	Air buffer	100 ft
Possible Time of Activity	H24 (PERMANENT)		

Operational Requirements			
		Max. fire state level	G Y Ø R
Take-Off Pos	Determined by operator	Take-Off Direction	Determined by operator
Landing	Determined by operator	Landing direction	Determined by operator
Hover	N/A	Two-Way Communication	Telephone (Mobile) Communication
Flight conditions	VLOS BVLOS	Means of fire extinguishing	For UAS fires and additional means for ground fires.
Mandatory Safety equipment provided by operator	First-aid kit - Fire Extinguisher High visibility jacket		

UAS REQUIREMENTS	Open	Specific	Certified	Class 1A/1B
UAS Class	C0-C4	C5-C6	N/A	N/A
OR				
Mass	<25kg	Not applicable	According certification	<22kg
Return to home Or system to prevent UA from leaving area	X	X	According certification	X
Geofence set to remain within reserved zone Or system to prevent UA from leaving area	X	X	According certification	X
UA User Manual present	X	X	According certification	X
Remote ID	N/A	N/A	According certification	N/A
MTOM	<25kg	N/A	According certification	<22kg

OPERATOR REQUIREMENTS					
		Open	Specific		
		A1/A2/A3	STS	PDRA	SORA
Airspace	To be reserved via ebst@droneport.eu				
UA	Demonstrate compliance by submitting relevant data				
Pilot	RPL-R/-A with min. A1/A3	A1/A3	Compliance with STS	Compliance with PDRA demonstrated	Compliance with SORA demonstrated
OPERATIONAL AUTHORISATION		Aware of operational limitations	DECLARATION ONLY	requires an operational authorisation from the Belgian Civil Aviation Authority	

Operational Requirements for the operator					
Horizontal Visibility	Min. 1,5 X Distance	Max. fire state level	G	Y	 
Take-Off Pos	Within blue area (see figure 2)	Take-Off Direction	Away from buildings and runway		
Landing	Within blue area (see figure 2)	Landing direction	Away from buildings and runway		
Hover	N/A	Two-Way Communication	Required Private Mobile Radio		
Flight conditions	VLOS	Means of fire extinguishing	For UAS fires and additional means for ground fires.		
Mandatory Safety equipment provided by operator	First-aid kit - Fire Extinguisher battery box High visibility jacket worn by crew				

Important Telephone Numbers			
Sint-Truiden TWR	+32(0)11 58 09 89	Fire	112 or +32 (0) 67 41 18 30
Sint-Truiden TWR	+32 (0) 473 97 61 99	Police	101 or +32 (0) 67 88 92 11

Emergency Procedures	
Loss of communication (TWR)	Land immediately and contact EBST TWR
Loss of navigation	Initiate Return-to-Home and contact EBST TWR
Fly away	Monitor direction, height and speed. Contact EBST TWR
Fire	Contact EBST TWR to inform Fire Department
Public Encroachment	Observer to secure area. Land if necessary.
Aircraft intruder	Decreasing maximum height to below obstacle height 45m AGL.

Flight Authorisation Required Data - CHECKLIST					
1	Aircraft identification;		9	Identification technology	
2	VLOS, BVLOS		10	Expected connectivity methods	
3	Type of flight		11	Contact details	
4	OPEN (A1/A2/A3) or SPEC?		12	Endurance	
5	Position & Flight Path		13	Applicable emergency for C2 loss	
6	Estimated take-off time;		14	UAS (operator) registration	
7	Height		15	Other information	
8	Estimated landing time;		16	Dangerous Goods	

