

UAS GEOZONE ENTRY REQUIREMENTS FOR EBR-66

Demo and scientific research

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 or +32(0) 494 702081
Online information:	https://droneport.eu/onbemande-luchtvaart/vluchtgebieden/ebr-66/
Online Platform	https://skyman.lu/ebst/



Geozone part of EBR-66; Demonstration and Scientific Research			
Reference coordinate	<ol style="list-style-type: none"> 1. 50°47'45"N 005°12'14"E 2. 50°48'02"N 005°11'19"E 3. 50°48'16"N 005°12'07"E 4. 50°47'52"N 005°12'33"E 5. 50°47'45"N 005°12'14"E 	Zone height	550ft AMSL or 300ft AGL
		UA Max height allowed	200 ft AGL
ARC	ARC-a as defined by the Geozone Manual	GRC	VLOS/BVLOS over controlled ground area. Max. 4 as defined by the Geozone Manual
Ground buffer	50 m	Air buffer	100 ft
Sensitive areas	Public road north of geozone	Prohibited areas	Not applicable
Dangerous areas	Chemical factories (yellow mark)		
Possible Time of Activity	By NOTAM 24h in advance		

Operational Requirements			
		Max. fire state level	G Y G R
Take-Off Pos	Determined by operator	Take-Off Direction	Away from buildings
Landing	Determined by operator	Landing direction	Away from buildings
Hover	N/A	Two-Way Communication	Required Private Mobile Radio with EBST TWR
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 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

OPERATOR REQUIREMENTS					
	Class 1A/1B	Open	Specific		
		A1/A2/A3	STS	PDRA	SORA
Airspace	To be reserved through online platform	To be reserved through online platform	To be reserved through online platform	To be reserved through online platform	To be reserved through online platform
UA	Demonstrate compliance* by submitting relevant data in airspace reservation tool	Demonstrate compliance* by submitting relevant data in airspace reservation tool	Demonstrate compliance* by submitting relevant data in airspace reservation tool	Demonstrate compliance* by submitting relevant data in airspace reservation tool	Demonstrate compliance* by submitting relevant data in airspace reservation tool
Pilot	RPL-R/-A with min. A1/A3	A1/A3 or A2;	Compliance with STS	Compliance with PDRA demonstrated	Compliance with SORA demonstrated
OPERATIONAL AUTHORISATION	Class 1a permission or Class 1b receipt	Aware of operational limitations	DECLARATION ONLY (with receipt)	PDRA requires an operational authorisation from the Belgian Civil Aviation Authority	SORA requires an operational authorisation from the Belgian Civil Aviation Authority

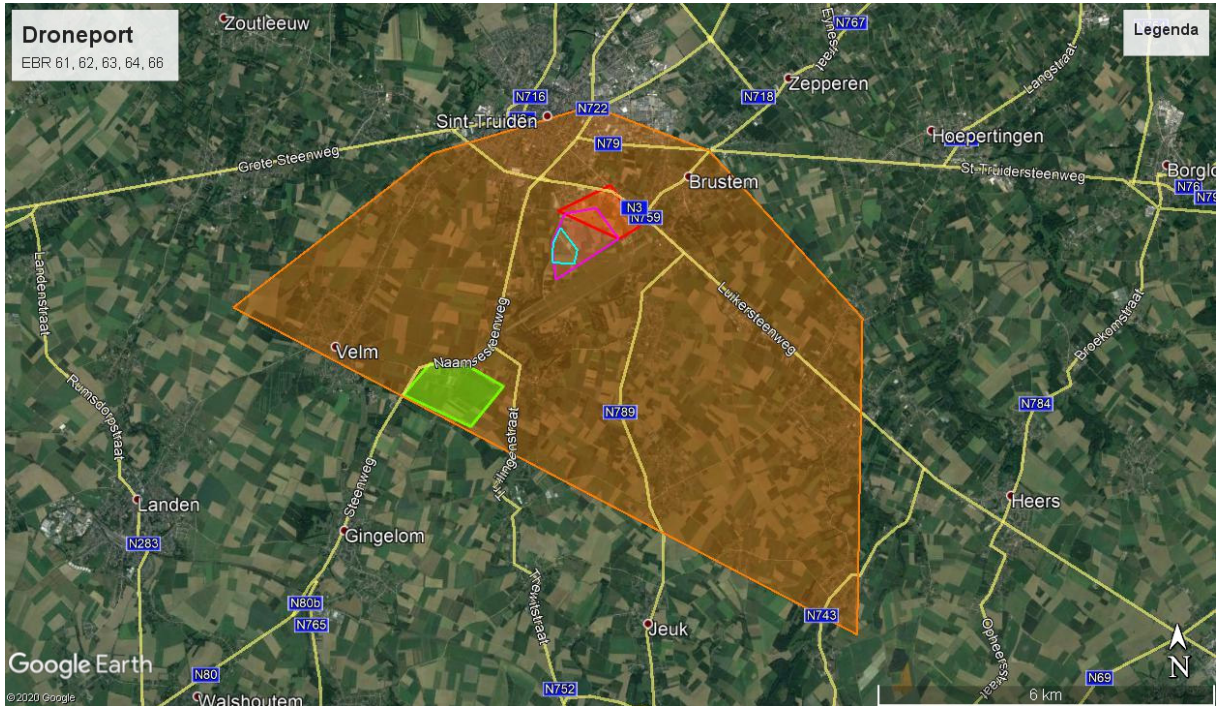
*= UAS requirements

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.

All EBRs



EBR 66

