

An aerial photograph of a mountain range, likely the Ardennes, showing rugged peaks and a valley with a dense forest. The image is faded to serve as a background for the text.

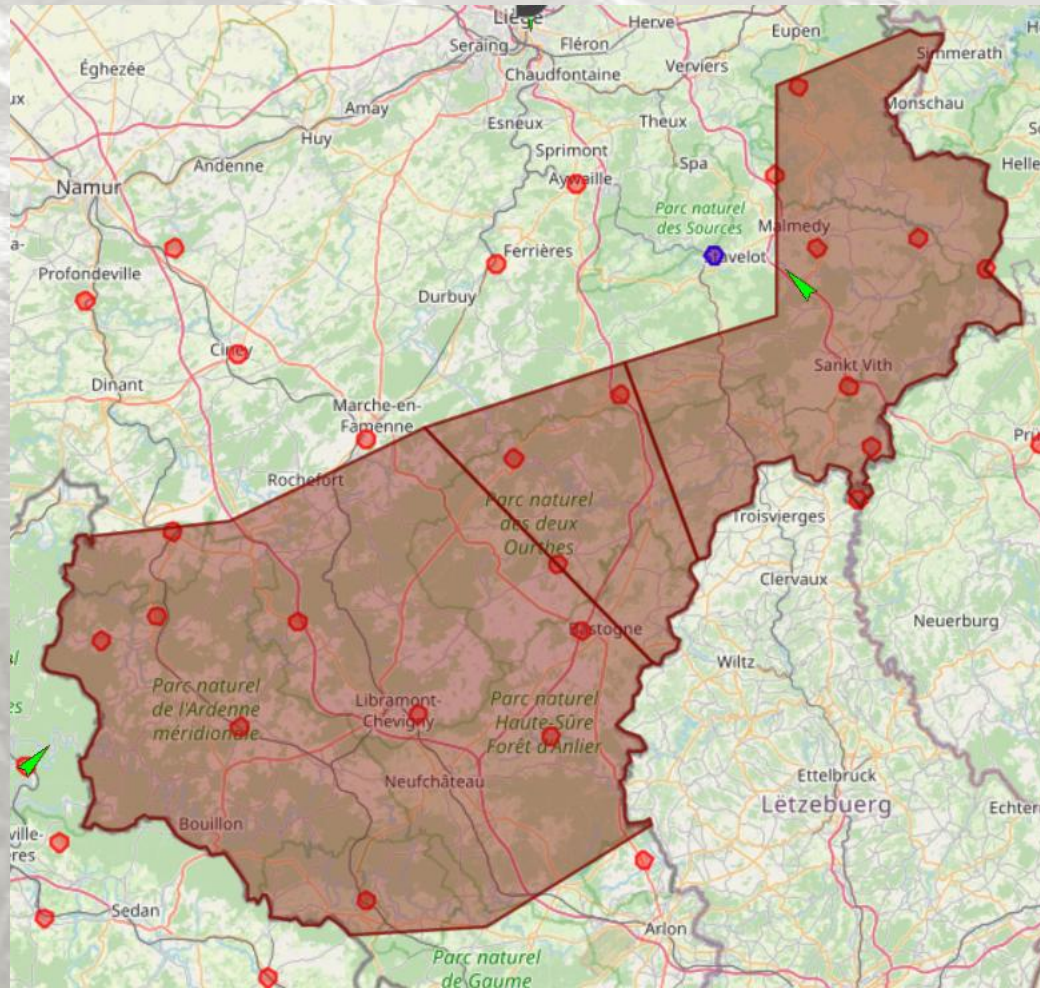
# **Glider Areas Ardennes**

Training (& Exam)

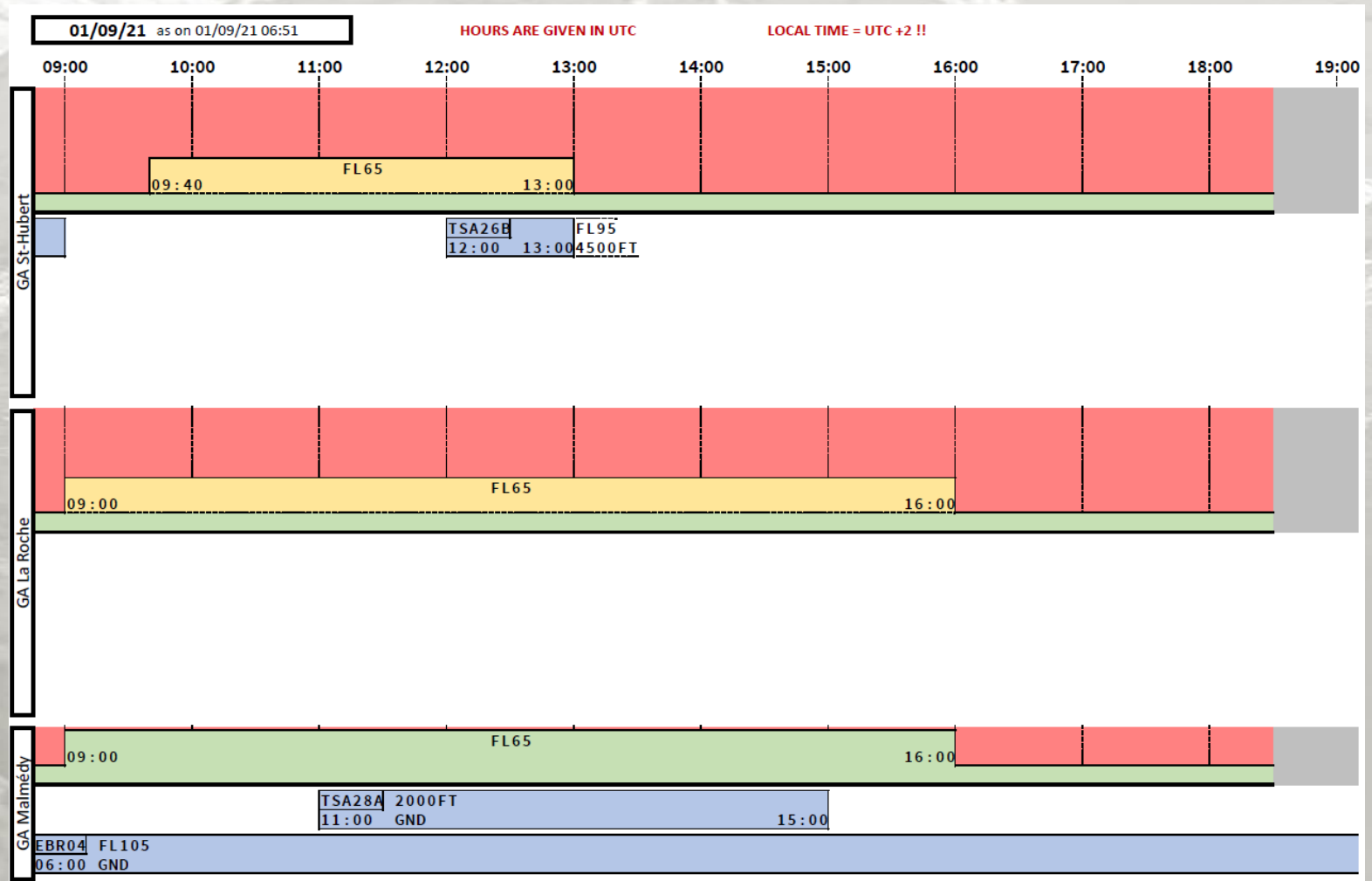
# What is the “GAA” certificate?

- Agreement with MIL  
→ « OK to fly within GAA zones for identified, authorized pilots, complying with specific conditions »
- New knowledge, new rules ==> new responsibilities
- An additional “GAA” certificate
  - “ Pilote ”
  - “ Pilote XC ”
  - “ Pilote XC GAA ”

# GAA = FL65 during the week!



# Often



# Sometimes



# Conditions to fly within GAA zones

The pilot has to:

- follow a **GAA training**
  - successfully pass the **GAA exam**
  - have signed the **GAA charter**
  - fly with **Livetracking** (XCTrack/Xcontest or Flymaster) **whenever the pilot go flying**
  - own and use a radio able to **listen to EBSH frequency** (122.180 MHz)
  - Use **EBSH Tower app** on an Android smartphone whenever flying within GAA zones
- receive a **FBVL GAA NUMBER CERTIFICATE** once all conditions are OK

# Accountability through a charter:

Additional  
GAA  
specific  
rules

Additional  
responsibili-  
ties in GAA

Additional  
tools to  
handle  
them

A charter to  
formalise  
the pilot's  
commitment

## Engagements du pilote XC « GAA » :

En tant que pilote XC - GAA :

- Je suis pilote certifié « GAA » ayant suivi la formation relative aux règles et usages spécifiques des « GAA ». Je dispose donc du brevet « GAA » N°.....
- Je dispose d'un dispositif de live tracking qui permet à toute personne de m'identifier lorsque je suis en vol. J'utilise le système de Livetracking suivant:
  - o Flymaster
  - o XcontestIdentifiant :  
Depuis le:
- Je dispose d'une radio me permettant de rester en veille sur la fréquence de St Hubert et je m'engage à assurer une veille sur cette fréquence tout au long du vol lorsque je suis amené à entrer dans une GAA active.
- Je dispose de l'app EBSH Tower et je m'engage à l'utiliser lors de mes vols lorsque je suis amené à entrer dans une GAA active.
- Je m'engage à mettre tout en œuvre, dans la mesure où la sécurité du pilote ou d'autrui n'est pas menacée, pour voler en toute légalité.  
Ceci comprend :
  - o Une préparation adéquate du vol (AIP + NOTAM, conditions météo, connaissances des espaces aériens à proximité de la zone d'évolution, etc.)
  - o Une adaptation du vol effectué en fonction des conditions réelles rencontrées
- Je m'engage à voler avec un système de Livetracking public à tout moment, y compris lorsque je n'évolue pas dans une zone GAA.  
Ceci dans le but de :
  - o Optimiser la sécurité du vol et la sécurité
  - o Rentrer dans le cadre d'une collaboration multidisciplinaire
  - o Servir d'exemples pour les autres pilotes
  - o Eviter les infractions.J'ai bien pris conscience que le fait de voler sans Livetracking actif m'expose à la déchéance de mon brevet XC – GAA.

La sécurité est l'affaire de tous et dans l'aviation celle-ci s'est construite sur l'expérience et le partage d'informations. Il n'y a donc pas, derrière les requis cités ici avant, de volonté ou souhait répressif, mais bien un partage d'informations au bénéfice de tous

Le pilote (Nom, signature):

Pour la FBVL :

# Charter

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En tant que pilote XC - GAA :

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- Je dispose d'un dispositif de live tracking qui permet à toute personne de m'identifier lorsque je suis en vol. J'utilise le système le Livetracking suivant:

- o Flymaster
- o Xcontest

Identifiant :

Depuis le:

- Je dispose d'une radio me permettant de rester en veille sur la fréquence de St Hubert et je m'engage à assurer une veille sur cette fréquence tout au long du vol lorsque je suis amené à entrer dans une GAA active.
- Je dispose de l'app EBSH Tower et je m'engage à l'utiliser lors de mes vols lorsque je suis amené à entrer dans une GAA active.

- Je m'engage à mettre tout en œuvre, dans la mesure où la sécurité du pilote ou d'autrui n'est pas menacée, pour voler en toute légalité.

Ceci comprend :

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Le pilote (Nom, signature):

Pour la FBVL :

.....

.....



# Subjects :


- Specific GAA Knowledge
  - How GAA works
  - Radio and EBSH-Tower app monitoring
  - **GAA commitment**
- EBSH-Tower app
  - How, why, when
  - Messages for confirmation
- Tools for GAA and flights in general
  - [Airspace.xcontest.org](http://Airspace.xcontest.org)
  - Friendly Air Tool
  - BPC Facebook group briefings
  - BPC
  - Skeyes – AIP – Notams
  - Livetracking: XCTrack/Xcontest and Flymaster
- XC reminder
  - Altimetry
  - Airspaces
  - LFA Golf

# Specific GAA Knowledge

**AIP Supplement  
Belgium and Luxembourg**

**SUP  
012/2021**

**Contact:**  
AIM Belgium  
Control Tower  
Tervuursesteenweg 303  
1820 Steenokkerzeel  
BELGIUM  
AFS: EBVAOYX  
Email: [ajo.production@skeyes.be](mailto:ajo.production@skeyes.be)  
URL: <https://ons.skeyes.be>



Effective from  
22 APR 2021  
to 15 OCT 2021  
Published on  
08 APR 2021

**GLIDER AREAS ARDENNES 2021**

## 1 General

The Glider Areas Ardennes aims at replacing temporarily the MILFAG areas 11, 12, 13, 14, 15, 16 as defined in AIP Belgium & Luxembourg ENR 5.5.

The Glider Areas Ardennes is on test from 15 MAR 2021 till 15 OCT 2021.

The MILFAG areas 11, 12, 13, 14, 15, 16 shall not be activated during the validity of this AIP SUP.

All terms and details as described in the LoAs between Belgian Air Component and Centre National de Vol à Voile (CNVV) and VZW Belgian Air Cadets (BAC) (Ref COA – LoA 52); and between Belgian Air Component and Royal Verviers Aviation ASBL (Ref COA – LoA 74) remain in effect if not modified by this AIP SUP.

# Specific GAA Knowledge

## GLIDER AREA SAINT-HUBERT (1)(2)(3)

Lateral limits	Vertical limits	Type of restriction / nature of hazard	Time of activity
500557N 0045210E - 500657N 0050553E - 501252N 0052512E - 495757N 0054744E - along the Belgian-Luxembourg border - 494738N 0054729E - 494106N 0053116E - 494038N 0051741E - along the Belgian-French border - 500557N 0045210E.	FL65 (4) / 4500 FT AMSL	Glider activity.	15 MAR till 15 OCT - daily 1000 (0900) till SS (5)(6)(7)(8)
(1) Glider sector. Airspace class G during activation.			
(2) Transponder compulsory during military F16 activity. Glider transponders will read: A1477.			
(3) All non-military aircraft within this airspace need to be in contact with Saint-Hubert TWR on 122.180 MHz or, for Belgian Air Cadets only, with Bertrix TWR on 130.130 MHz.			
(4) Upper limit may be raised up to FL 75 or FL 95.			
(5) Activated by NOTAM at least 3 HR in advance. NOTAM will indicate transponder requirement and ceiling level.			
(6) Exceptionally at short notice, area may be activated without NOTAM via POC mentioned in § 4 Responsibilities. In that case transponder will always be mandatory.			
(7) Any conflicting areas announced by NOTAM are excluded for glider use during activation.			
(8) Activation can be checked with Brussels FIC on FREQ 126.900 MHz, TEL +32 (0) 2 206 29 49 or with Belga Radar on FREQ 129.325 MHz, TEL +32 (0) 2 44 38204.			

## GLIDER AREA LA ROCHE (1)(2)(3)

Lateral limits	Vertical limits	Type of restriction / nature of hazard	Time of activity
501252N 0052512E - 501654N 0054455E - 500426N 0055210E - along the Belgian-Luxembourg border - 495757N 0054744E - 501252N 0052512E.	FL65 (4) / 4500 FT AMSL	Glider activity.	15 MAR till 15 OCT - daily 1000 (0900) till SS (5)(6)(7)(8)
(1) Glider sector. Airspace class G during activation.			
(2) Transponder compulsory during military F16 activity. Glider transponders will read: A1477.			
(3) All non-military aircraft within this airspace need to be in contact with Saint-Hubert TWR on 122.180 MHz.			
(4) Upper limit may be raised up to FL 75 or FL 95.			
(5) Activated by NOTAM at least 3 HR in advance. NOTAM will indicate transponder requirement and ceiling level.			
(6) Exceptionally at short notice, area may be activated without NOTAM via POC mentioned in § 4 Responsibilities. In that case transponder will always be mandatory.			
(7) Any conflicting areas announced by NOTAM are excluded for glider use during activation.			
(8) Activation can be checked with Brussels FIC on FREQ 126.900 MHz, TEL +32 (0) 2 206 29 49 or with Belga Radar on FREQ 129.325 MHz, TEL +32 (0) 2 44 38204.			

## GLIDER AREA MALMEDY (1)(2)

Lateral limits	Vertical limits	Type of restriction / nature of hazard	Time of activity
501654N 0054455E - 501955N 0055956E - 503420N 0055956E - 503754N 0061308E - along the Belgian-German border - 500748N 0060816E - along the Belgian-Luxembourg border - 500426N 0055210E - 501654N 0054455E.	FL65 (3) / 4500 FT AMSL	Glider activity.	15 MAR till 15 OCT - daily 1000 (0900) till SS (4)(5)(6)
(1) Glider sector. Airspace class G during activation.			
(2) All non-military aircraft within this airspace need to be in contact with Saint-Hubert TWR on 122.180 MHz.			
(3) In case of overlap with the activation of LFA G3, the upper limit to use within the overlapping part remains FL 65.			
(4) Activated by NOTAM.			
(5) Any conflicting areas announced by NOTAM are excluded for glider use during activation.			
(6) Activation can be checked with Brussels FIC on FREQ 126.900 MHz, TEL +32 (0) 2 206 29 49 or with Belga Radar on FREQ 129.325 MHz, TEL +32 (0) 2 44 38204.			

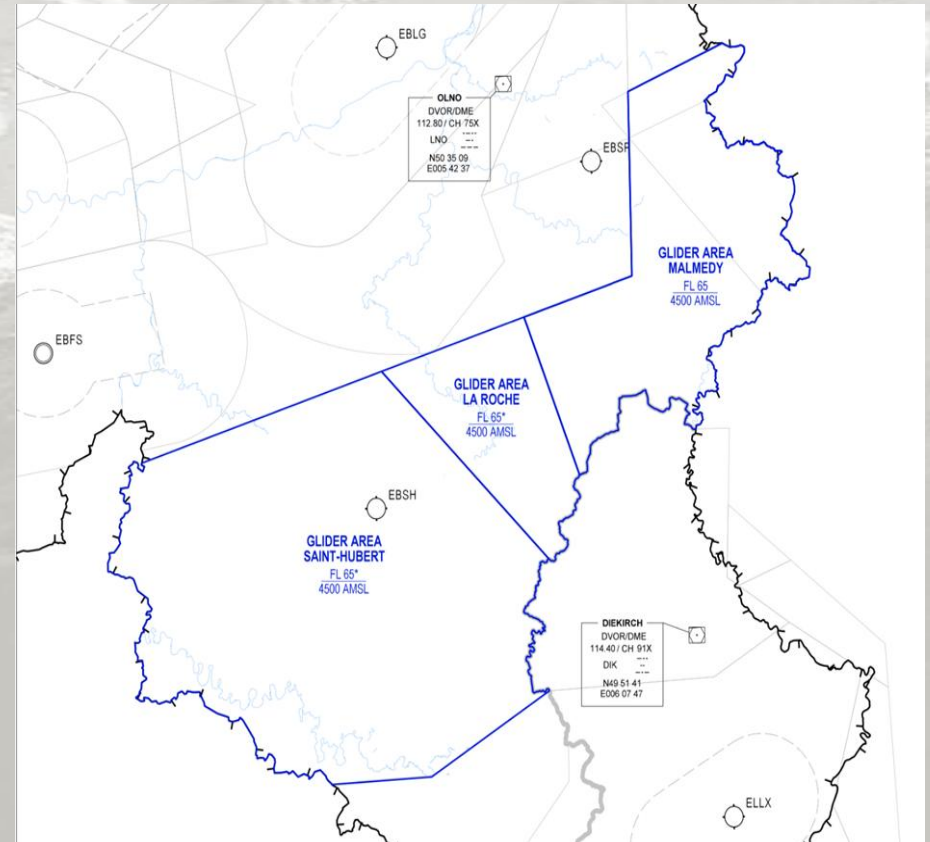
# How GAA work?

The Glider Areas Ardennes (GAA), like the LFA-G, are specific **extension of the G class** airspace.

Differing from the usual non-controlled airspace, few specific rules to take into account.

3 different areas:

- **GA Saint-Hubert**
- **GA La Roche**
- **GA Malmedy.**



# GA – Saint-Hubert

- From 4500ft <sup>QNH</sup> to **FL65** (included)
- Can be expanded to **FL75** or **FL95** on EBSH request (if Mil agree)

- When **Mil active (often)** :

B4273/21

From:06 AUG 21 09:40 Till:06 AUG 21 13:30

Text:REF SUP012/2021. GLIDER AREA SAINT-HUBERT ACT. CONSULT SUP FOR APPLICABLE PROC. TRANSPONDER (CODE A1477) REQUIRED

Lower limit:4500FT AMSL Upper limit:FL065

- TRANSPONDER REQUIRED
- **Prohibited for all paragliders**

- When **MIL not active** (usually small slot during the day)

B3923/21

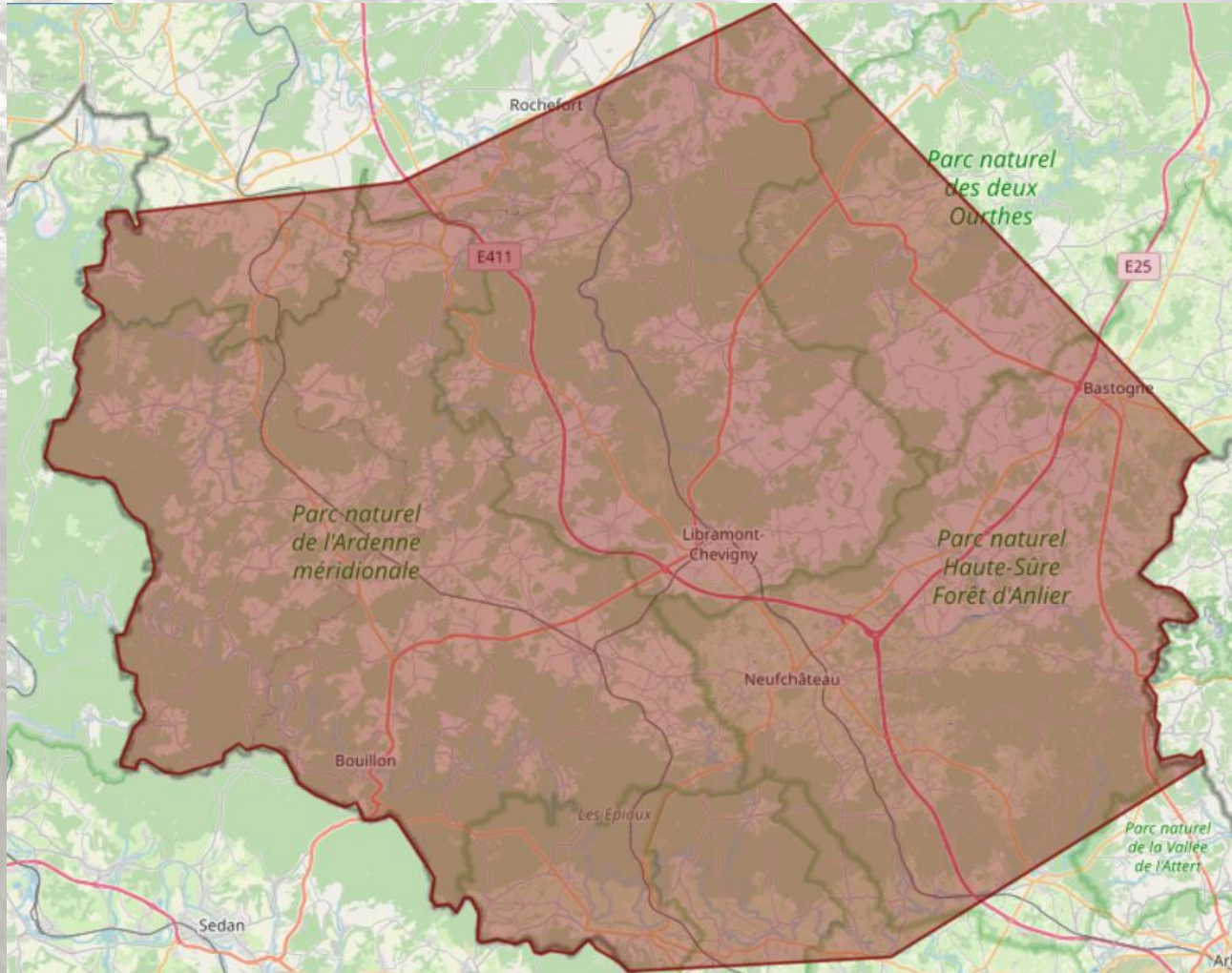
From:20 JUL 21 13:40 Till:20 JUL 21 16:00

Text:REF SUP012/2021. GLIDER AREA SAINT-HUBERT ACT. CONSULT SUP FOR APPLICABLE PROC. TRANSPONDER NOT REQUIRED

Lower limit:4500FT AMSL Upper limit:FL065

- TRANSPONDER NOT REQUIRED
- **Allowed for GAA-XC paragliders**

# GA – Saint-Hubert



# GA – La-Roche

- From 4500ft <sup>QNH</sup> to **FL65** (included)
- Can be expanded to **FL75** or **FL95** on EBSH request (if Mil agree)

- When **Mil active (often)** :

- TRANSPONDER REQUIRED
- **Prohibited for all paragliders**

- When **MIL not active** (usually small slot during the day)

- TRANSPONDER NOT REQUIRED
- **Allowed for GAA-XC paragliders**

B3926/21

From:20 JUL 21 10:40 Till:20 JUL 21 13:40

Text:REF SUP012/2021. GLIDER AREA LA ROCHE ACT. CONSULT SUP FOR APPLICABLE PROC. TRANSPONDER (CODE A1477) REQUIRED

Lower limit:4500FT AMSL Upper limit:FL065

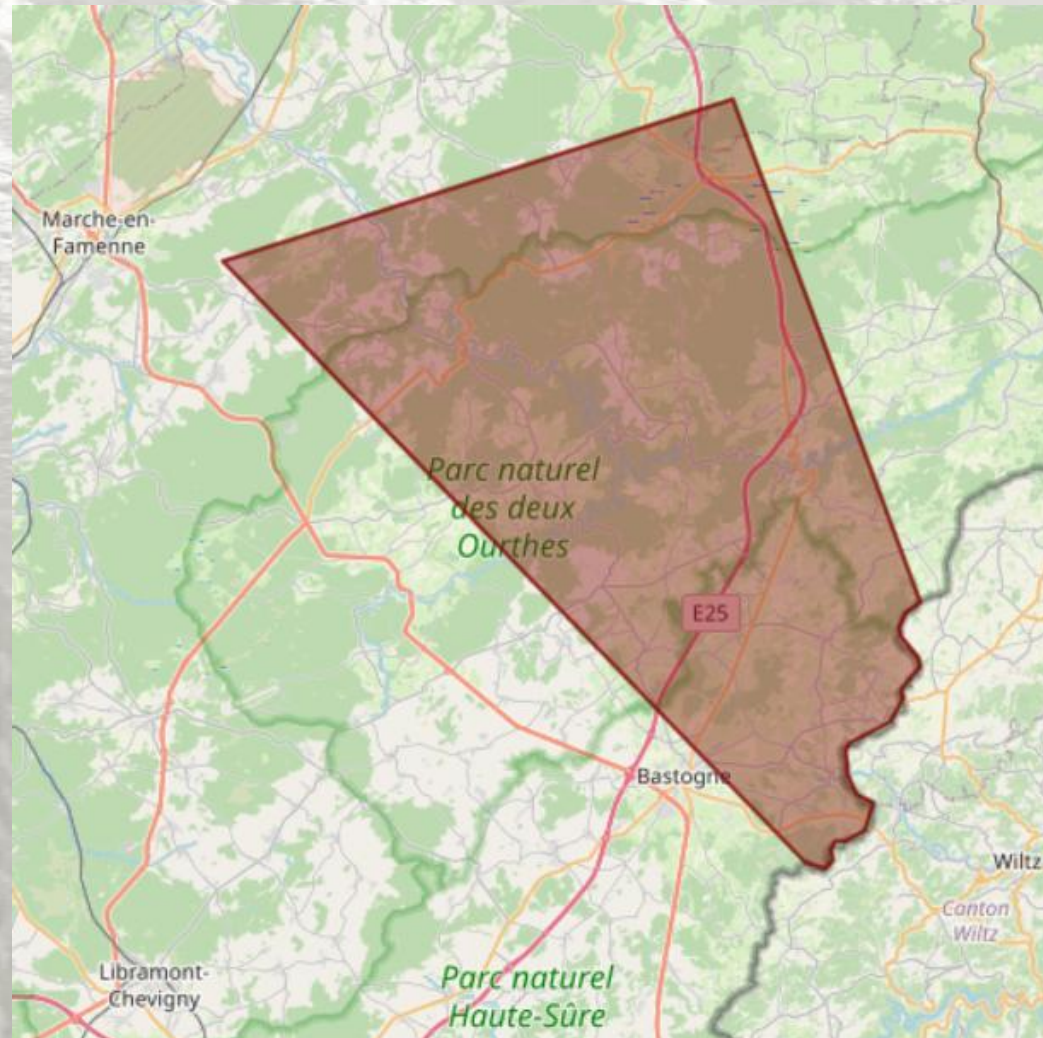
B3925/21

From:20 JUL 21 13:40 Till:20 JUL 21 16:00

Text:REF SUP012/2021. GLIDER AREA LA ROCHE ACT. CONSULT SUP FOR APPLICABLE PROC. TRANSPONDER NOT REQUIRED

Lower limit:4500FT AMSL Upper limit:FL065

# GA – La-Roche





# GA – Saint-Hubert & La Roche

- When **Mil non-active** :
  - Transponder no more requested
  - Climb to **FL65** (or higher if expanded) **possible**
  - Stay on EBSH frequency
  - Check EBSH-Tower app notifications and messages
- Mil can re-activate the zone
- Particular Segments & Special Zones such as TSA26 **keep the priority**

**We have to stay clear when active !**

# GA – Malmedy

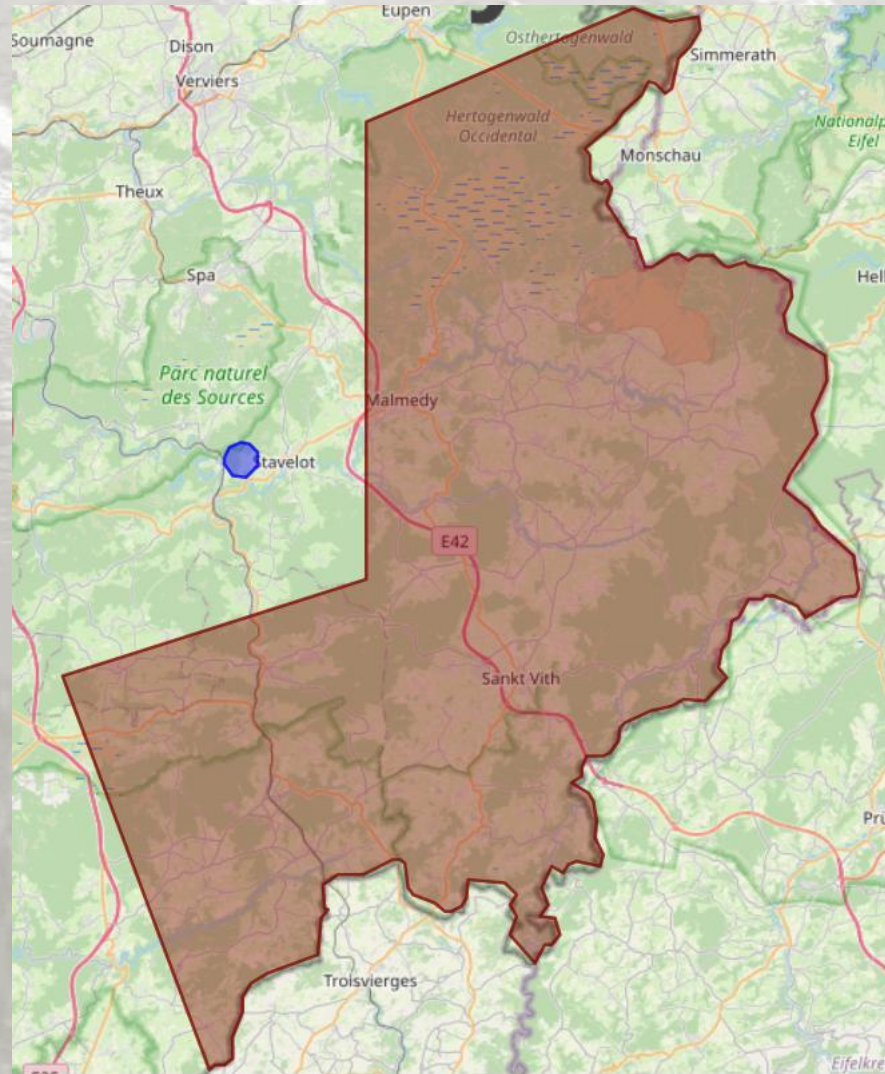
- From 4500ft<sup>QNH</sup> to **FL65** (included)
- Stay on EBSH frequency
- Check EBSH-Tower app notifications and messages
- No specification if Mil active or not
- Particular Segments & Special Zones **keep the priority**

**We have to stay clear when active !**

FROM: 09 AUG 2021 09:00 TILL: 09 AUG 2021 16:00  
REF SUP012/2021. GLIDER AREA MALMEDY ACT. CONSULT SUP FOR  
APPLICABLE PROC. TRANSPONDER NOT REQUIRED  
Lower limit: 4500FT AMSL Upper limit: FL065

B4291/21

# GA – Malmedy



# GAA commitment!

- While flying across the GAA-SH , LR or MA, the GAA-XC pilot must listen to EBSH radio frequency and have an eye on EBSH-Tower app notifications in case Mil takes the area back. (it happens!)
- EBSH frequency is: 122.180 MHz
- Check EBSH-Tower app message confirmation (see below)
- One pilot CANNOT monitor EBSH radio for other pilots !
- You need a special AM monitoring radio (no need to be able to speak)
- Use Livetracking (Flymaster or XCTrack/Xcontest) for all flights

# Subjects :

- Specific GAA Knowledge
  - How GAA works
  - Radio and EBSH-Tower app monitoring
  - **GAA commitment**
- EBSH-Tower app
  - How, why, when
  - Messages for confirmation
- Tools for GAA and flights in general
  - [Airspace.xcontest.org](http://Airspace.xcontest.org)
  - Friendly Air Tool
  - BPC Facebook group briefings
  - BPC
  - Skeyes – AIP – Notams
  - Livetracking: XCTrack/Xcontest and Flymaster
- XC reminder
  - Altimetry
  - Airspaces
  - LFA Golf

# EBSH Tower

Web server for EBSH – Android APP for pilots  
Easy LFA-G and GAA activation communication  
tool

Update Golf Status   Send Message   Golf Status Log   Message Log   Members   Contact

Current Date: 15/05/2021, 11:06:27

Name	Status	Add Timeslot	Transponder Mandatory?	FL	Start Hour	Start Minutes	End Hour	End Minutes
GA Malmedy	Not Active	Add	<input type="checkbox"/>	95	12	0	16	00
			<input type="checkbox"/>	95	17	0	23	0
GA La Roche	TMZ Only	Add	<input checked="" type="checkbox"/>	65	11	0	11	50
			<input type="checkbox"/>	95	13	0	23	59
GA St. Hubert	TMZ Only	Add	<input checked="" type="checkbox"/>	65	10	0	11	50
			<input type="checkbox"/>	95	13	0	23	59
LFA G1	Active	Add	<input type="checkbox"/>	55	8	0	23	59
LFA G2 South	Not Active	Add						



**EBSH Tower**

Last Update: Tue May 18 10:17:55 2021

Gliding Zone	TMZ	FL	Open	Close
GA Malmedy	ACT	65	11:00	- 21:29
GA La Roche	TMZ	65	11:00	- 15:20
	ACT	65	17:10	- 21:29
GA St. Hubert	TMZ	65	11:00	- 13:30
	ACT	65	17:10	- 21:29

LFA G1   Not Act  
LFA G2 South   Not Act

Messages

Gliding Zones Info   PARABE-XC Live   OGN Live   Settings

# EBSH Tower web

## Zones activation encoding

[Update Golf Status](#)[Send Message](#)[Golf Status Log](#)[Message Log](#)[Members](#)[Contact](#)

Current Date: 15/05/2021, 11:06:27

Name	Status	Add Timeslot	Transponder Mandatory?	FL	Start Hour	Start Minutes	End Hour	End Minutes
GA Malmedy	Not Active	<a href="#">Add</a>	<input type="checkbox"/>	<input type="text" value="95"/>	<input type="text" value="12"/>	<input type="text" value="0"/>	<input type="text" value="16"/>	<input type="text" value="00"/>
			<input type="checkbox"/>	<input type="text" value="95"/>	<input type="text" value="17"/>	<input type="text" value="0"/>	<input type="text" value="23"/>	<input type="text" value="0"/>
GA La Roche	TMZ Only	<a href="#">Add</a>	<input checked="" type="checkbox"/>	<input type="text" value="65"/>	<input type="text" value="11"/>	<input type="text" value="0"/>	<input type="text" value="11"/>	<input type="text" value="50"/>
			<input type="checkbox"/>	<input type="text" value="95"/>	<input type="text" value="13"/>	<input type="text" value="0"/>	<input type="text" value="23"/>	<input type="text" value="59"/>
GA St. Hubert	TMZ Only	<a href="#">Add</a>	<input checked="" type="checkbox"/>	<input type="text" value="65"/>	<input type="text" value="10"/>	<input type="text" value="0"/>	<input type="text" value="11"/>	<input type="text" value="50"/>
			<input type="checkbox"/>	<input type="text" value="95"/>	<input type="text" value="13"/>	<input type="text" value="0"/>	<input type="text" value="23"/>	<input type="text" value="59"/>
LFA G1	Active	<a href="#">Add</a>	<input type="checkbox"/>	<input type="text" value="55"/>	<input type="text" value="8"/>	<input type="text" value="0"/>	<input type="text" value="23"/>	<input type="text" value="59"/>
LFA G2 South	Not Active	<a href="#">Add</a>						

# EBSH Tower web

## Send message to all GAA-XC pilots

[Update Golf Status](#)

[Send Message](#)

[Golf Status Log](#)

[Message Log](#)

[Members](#)

[Contact](#)

Send Message to all pilots with EBSH Tower APP

Send Message

Request Confirmation



# EBSH Tower web Zones status log

[Update Golf Status](#)[Send Message](#)[Golf Status Log](#)[Message Log](#)[Members](#)[Contact](#)

## Status of Gliding Zone's today

•  
10/05/2021, 08:33:56

Zone	Status	FL	Open Time	Close Time
GA Malmedy	Active	95	11:0	21:18
GA La Roche	Active	95	17:40	21:18
GA St. Hubert	Active	95	17:40	21:18
LFA G1	Not Active	50	0:0	23:59
LFA G2 South	Not Active	70	0:0	23:59
LFA G2 North	Not Active	70	0:0	23:59
LFA G2 West	Not Active	70	0:0	23:59
LFA G3	Not Active	95	0:0	23:59
LFA G5 West	Not Active	70	0:0	23:59
LFA G5 East	Not Active	90	0:0	23:59

# EBSH Tower Web Messages log and stats

Update Golf Status Send Message Golf Status Log **Message Log** Members Contact

## Message Log

Date	Time	Message	#Sent	#Received	#Confirmed	Stats
10/05/2021,	08:38:12	Message with request for confirmation	6	1	1	Show stats
10/05/2021,	08:36:16	Message without need for confirmation	6	2	0	Show stats

Message Sent on 10/05/2021, 08:38:12

Message with request for confirmation

Message Reception status:

Push token	Name	Displayed	Confirmed	Confirmation Location
[UiEhJLIZKAJEGf8OZDbcEQ]	MDebras	No Info	Not Confirmed	
[6a1NW-F4QB4HEHnn8G-8Zq]	Pieter Baele	No Info	Not Confirmed	
[4lUknGOL-N-hYhPXXFw3-y]	Lode prod	No Info	Not Confirmed	
[y4QA0wIMhAobQMq3q9YXS3]	Bertrand Fontaine	OK 10/05/2021, 08:38:19	OK 10/05/2021, 08:38:30	Alt: 258m,50.4227122,4.9592597
[FCiztPAZVEwAkzrjXug8vW]	Q	No Info	Not Confirmed	
[TgGdinFeDFN02XQoobZKEE]	New lode	No Info	Not Confirmed	

Close

Update Golf Status Send Message Golf Status Log **Message Log** Members Contact

## Message Log

Date	Time	Message	#Sent	#Received	#Confirmed	Stats
06/05/2021,	20:19:12	This is an urgent message with confirmation	7	7	5	Show stats
06/05/2021,	20:18:55	Testmessage without confirmation. Should work on 20210506v2.	7	7	1	Show stats

Message Sent on 06/05/2021, 20:19:12

This is an urgent message with confirmation

Message Reception status:

Push token	Name	Displayed	Confirmed	Confirmation Location
[TgGdinFeDFN02XQoobZKEE]	New lode	OK 06/05/2021, 20:19:16	OK 06/05/2021, 21:30:19	Alt: 138m,51.2155843,4.42752
[FCiztPAZVEwAkzrjXug8vW]	Q	OK 06/05/2021, 20:43:18	OK 06/05/2021, 20:44:14	Alt: 286m,50.5011563,5.0050545
[y4QA0wIMhAobQMq3q9YXS3]	Bertrand Fontaine	OK 06/05/2021, 22:04:19	Not Confirmed	
[vnZQ35D7wnkv01W5u19lU]	Berfon	OK 06/05/2021, 20:22:50	OK 06/05/2021, 20:25:43	Alt: 248m,50.422722,4.9592525
[6a1NW-F4QB4HEHnn8G-8Zq]	Pieter Baele	OK 06/05/2021, 21:51:16	Not Confirmed	
[UiEhJLIZKAJEGf8OZDbcEQ]	MDebras	OK 06/05/2021, 23:11:26	OK 06/05/2021, 23:12:09	Alt: 233m,50.3469916,5.4770337
[4lUknGOL-N-hYhPXXFw3-y]	Lode prod	OK 06/05/2021, 20:19:16	OK 06/05/2021, 20:19:35	Alt: 154m,51.2155852,4.4275253

Close

# EBSH Tower APP: features

- Golf status update (+ notifications **(\*)**)
- **GAA zones update + notifications (\*)**
- **Messages from EBSH (with or without confirmation request) (\*)**
- Xcontest Live page
- OGN Live page
- Settings

**(\*)**: bold for XC-GAA members only

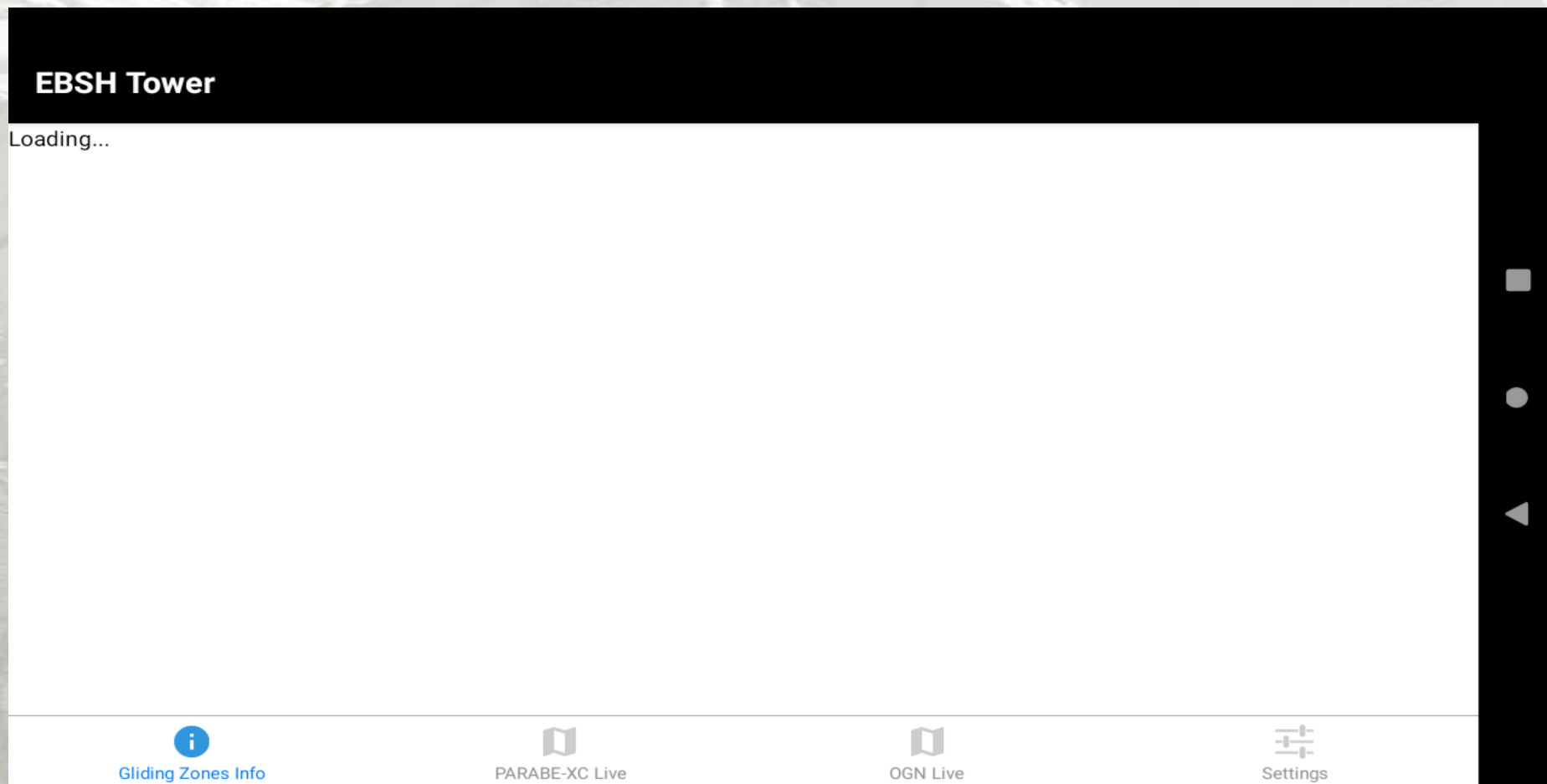
# EBSH Tower APP

Link to install the app:

<https://drive.google.com/file/d/17gcmvKVxskBwJuqNJ8jmMoYvb7sHAV8H/view?usp=sharing>

To get updates, close and open the app twice while connected to internet.

# Open the app...



→ Go to settings...

# First step: register

## Settings & Info

Disclaimer: This app is provided to you for convenience but is provided as is with no guarantee of any sort. The airspace information provided doesn't substitute for the obligation to perform your own pre-flight analysis, using the information provided by the relevant authority.

Version: 20210518v1

App Token: JB1F

This app has access!

Complete your full name below:

Your Name  REGISTER

Receive push messages:

 Gliding Zones Info

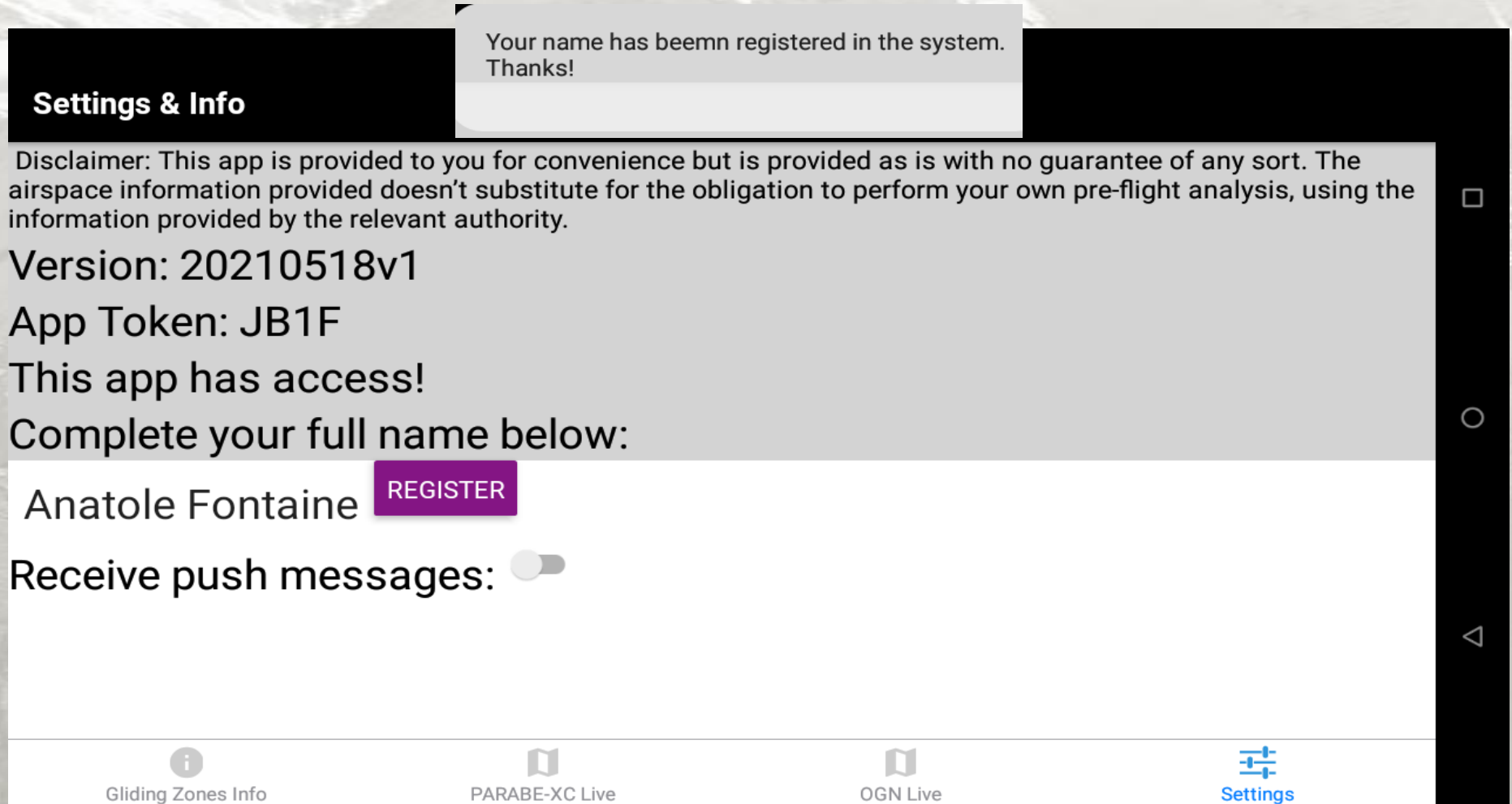
 PARABE-XC Live

 OGN Live

 Settings

→ Type your Full name... (Unidentifiable registration will be rejected).

# First step: register



→ Ready to go...

# LFA-Golf status information for all!

**EBSH Tower**

Last Update: Tue May 18 21:20:30 2021

Gliding Zone	TMZ	FL
LFA G1	ACT	55
LFA G2 South	ACT	75
LFA G2 North	Not Act	
LFA G2 West	Not Act	
LFA G5 West	Not Act	
LFA G5 East	Not Act	

**EBSH Tower**

Last Update: No update available today.

Gliding Zone	TMZ	FL	Open	Close
--------------	-----	----	------	-------

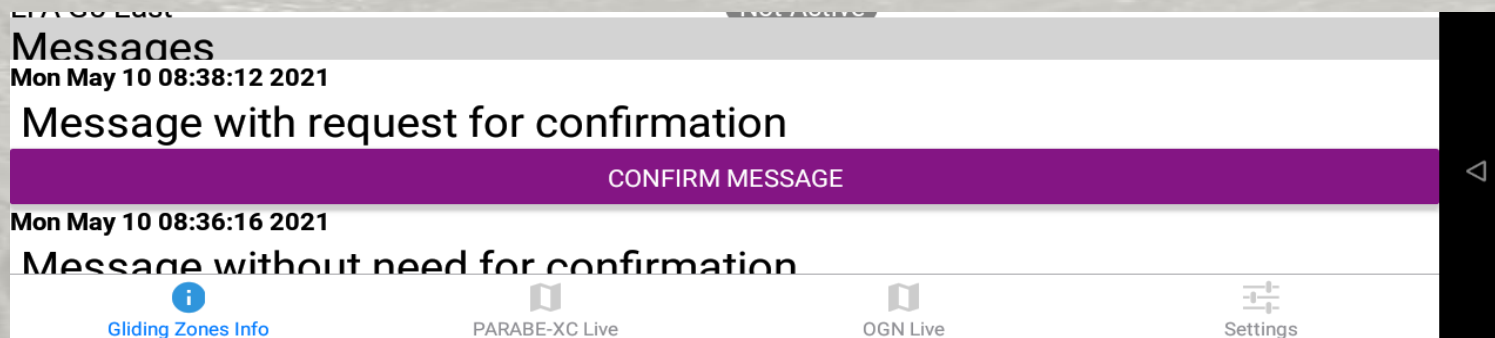
Gliding Zones Info | PARABE-XC Live | OGN Live | Settings

→ Easy to identify when LFA-Golf zones are activated



# XC-GAA members access

- Notifications for LFA-G status update (\*)
- Display and notifications (\*) for GAA zones
- Messages sent by EBSH to all pilots (\*)
  - With confirmation
  - Without confirmation



(\*) with push messages « ON »

Receive push messages:

# LFA-Golf status and GAA zones for XC-GAA members

**EBSH Tower**

Last Update: Tue May 18 10:17:55 2021

Gliding Zone	TMZ	FL	Open	Close
GA Malmedy	ACT	65	11:00	- 21:29
GA La Roche	TMZ	65	11:00	- 15:20
		65	17:10	- 21:29
GA St. Hubert	TMZ	65	11:00	- 13:30
		65	17:10	- 21:29

LFA G1 Not Act  
LFA G2 South Not Act

Messages

[Gliding Zones Info](#) [PARABE-XC Live](#) [OGN Live](#) [Settings](#)

**EBSH Tower**

Last Update: Tue May 18 21:20:30 2021

Gliding Zone	TMZ	FL	Open	Close
GA Malmedy	ACT	65	11:00	- 21:29
GA La Roche	TMZ	65	11:00	- 15:20
	ACT	65	17:10	- 21:29
GA St. Hubert	TMZ	65	11:00	- 13:30
	ACT	65	17:10	- 21:29
LFA G1	ACT	55	08:00	- 23:59
LFA G2 South	ACT	55	10:00	- 23:59

Messages

[Gliding Zones Info](#) [PARABE-XC Live](#) [OGN Live](#) [Settings](#)

→ GAA zones and LFA-G status

# EBSH Tower app: notification while flying

Glide Ratio / 2s  
**+1.5**

EBSH Tower · now  
Golf status update!  
Message with request for confirmation

**LIVE** ⚡ 6%  
12:56:18

**Takeoff**

Distance Next  
**7.6 km**

19 km/h SE  
2km

56 km/h

940 m AGL

Air time 0:00

**EBSH Tower**

Last Update: Mon May 10 08:33:56 2021

Gliding Zone	El	Open	Close
GA Malmedy	95	11:00	21:18
GA La Roche	95	17:40	21:18
GA St. Hubert	95	17:40	21:18
LFA G1		Not Active	
LFA G2 South		Not Active	
LFA G2 North		Not Active	
LFA G2 West		Not Active	
LFA G3		Not Active	
LFA G5 West		Not Active	
LFA G5 East		Not Active	

**Messages**

Mon May 10 08:38:12 2021

Message with request for confirmation

**CONFIRM MESSAGE**

Mon May 10 08:36:16 2021

Message without need for confirmation

Gliding Zones Info | EBSH Tower Live | OGN Live | Settings

Message Sent on 10/05/2021, 08:38:12

Message with request for confirmation

Message Reception status:

Pushtoken	Name	Displayed	Confirmed	Confirmation Location
[UjEHJLIZKAJEG180ZDbCEQ]	MDebras	No Info	Not Confirmed	
[6aFNW-F4QB4HEHn9G-BZq]	Pieter Baelde	No Info	Not Confirmed	
[4lUknGOI-N-hYhPXFw3-y]	Lode prod	No Info	Not Confirmed	
[y4QA0wIMhAobQMq3q9YX53]	Bertrand Fontaine	OK 10/05/2021, 08:38:19	OK 10/05/2021, 08:38:30	@Alt: 258m,50.4227122,4.9592597
[FCiztPAZV/EwAkzrjXug8vW]	Q	No Info	Not Confirmed	
[TgGdinFeDFN02XQoobZKEE]	New lode	No Info	Not Confirmed	

Close

# EBSH Tower Web Messages log and stats

Update Golf Status Send Message Golf Status Log **Message Log** Members Contact

## Message Log

Date	Time	Message	#Sent	#Received	#Confirmed	Stats
10/05/2021,	08:38:12	Message with request for confirmation	6	1	1	Show stats
10/05/2021,	08:36:16	Message without need for confirmation	6	2	0	Show stats

Message Sent on 10/05/2021, 08:38:12

Message with request for confirmation

Message Reception status:

Pushtoken	Name	Displayed	Confirmed	Confirmation Location
[UIEhJLIZKAJEGf8OZDbcEQ]	MDebras	No Info	Not Confirmed	
[6afNW-F4QB4HEHnn8G-BZq]	Pieter Baele	No Info	Not Confirmed	
[4lUknGOL-N-hYhPXXFw3-y]	Lode prod	No Info	Not Confirmed	
[y4QA0wIMhAobQMq3q9YX53]	Bertrand Fontaine	OK 10/05/2021, 08:38:19	OK 10/05/2021, 08:38:30	Alt: 258m,50.4227122,4.9592597
[FCiztPAZVEwAkzrjXug8vW]	Q	No Info	Not Confirmed	
[TgGdinFeDFN02XQoobZKEE]	New lode	No Info	Not Confirmed	

Close

Update Golf Status Send Message Golf Status Log **Message Log** Members Contact

## Message Log

Date	Time	Message	#Sent	#Received	#Confirmed	Stats
06/05/2021,	20:19:12	This is an urgent message with confirmation	7	7	5	Show stats
06/05/2021,	20:18:55	Testmessage without confirmation. Should work on 20210506v2.	7	7	1	Show stats

Message Sent on 06/05/2021, 20:19:12

This is an urgent message with confirmation

Message Reception status:

Pushtoken	Name	Displayed	Confirmed	Confirmation Location
[TgGdinFeDFN02XQoobZKEE]	New lode	OK 06/05/2021, 20:41:16	OK 06/05/2021, 21:30:19	Alt: 138m,51.2155843,4.42752
[FCiztPAZVEwAkzrjXug8vW]	Q	OK 06/05/2021, 20:43:18	OK 06/05/2021, 20:44:14	Alt: 286m,50.5011563,5.0050545
[y4QA0wIMhAobQMq3q9YX53]	Bertrand Fontaine	OK 06/05/2021, 22:04:19	Not Confirmed	
[vriZQ35D7uInkv01W5u19lJ]	Berfon	OK 06/05/2021, 20:22:50	OK 06/05/2021, 20:25:43	Alt: 248m,50.422722,4.9592525
[6afNW-F4QB4HEHnn8G-BZq]	Pieter Baele	OK 06/05/2021, 21:51:16	Not Confirmed	
[UIEhJLIZKAJEGf8OZDbcEQ]	MDebras	OK 06/05/2021, 23:11:26	OK 06/05/2021, 23:12:09	Alt: 233m,50.3469916,5.4770337
[4lUknGOL-N-hYhPXXFw3-y]	Lode prod	OK 06/05/2021, 20:19:16	OK 06/05/2021, 20:19:35	Alt: 154m,51.2155852,4.4275253

Close

# Subjects :

- Specific GAA Knowledge
  - How GAA works
  - Radio and EBSH-Tower app monitoring
  - **GAA commitment**
- EBSH-Tower app
  - How, why, when
  - Messages for confirmation
- Tools for GAA and flights in general
  - [Airspace.xcontest.org](http://Airspace.xcontest.org)
  - Friendly Air Tool
  - BPC Facebook group briefings
  - BPC
  - Skeyes – AIP – Notams
  - Livetracking: XCTrack/Xcontest and Flymaster
- XC reminder
  - Altimetry
  - Airspaces
  - LFA Golf



For GAA exam, to prepare your flights  
→ use these tools!

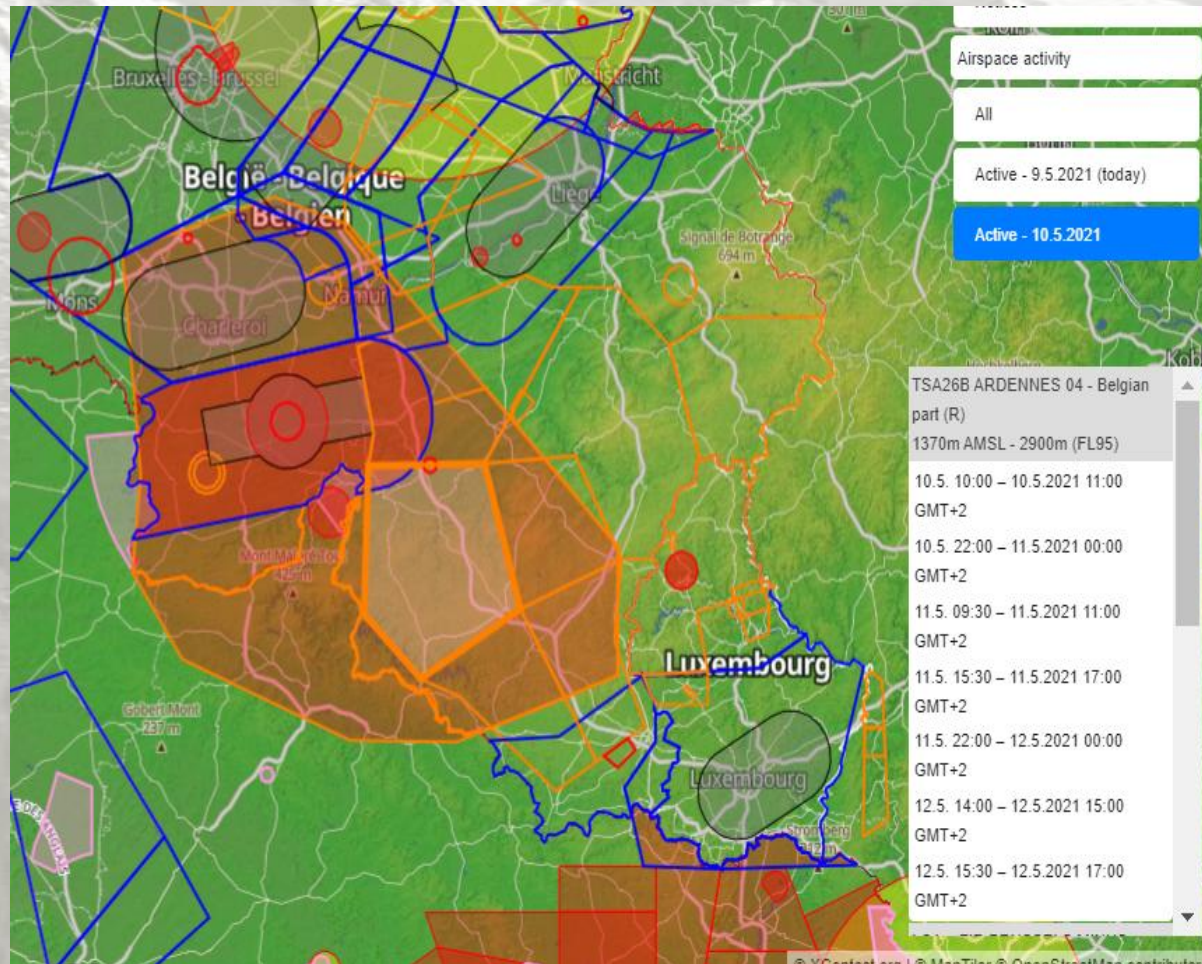
To succeed the GAA exam, you will need most probably to use these tools.

To prepare your flights, you will most probably benefit much from using these tools.

Listen carefully...

# Airspace.xcontest.org

## Airspace according to AIP & notams



# Airspace.xcontest.org

## What you don't see...

TSA26B

10.5. 10:00 -  
12.5.2021 17:00  
GMT+2

10 0800-0900 2000-2200 | 11 0730-0900 1330-1500 2000-2200 | 12 1200-1300 1330-1500

M2519/21

M2519/21

M2519/21 NOTAMN

Q) EBBU/QRACA/IV/NBO/W /045/095/5010N00455E039

A) EBBU

B) 2105100000

C) 2105121500

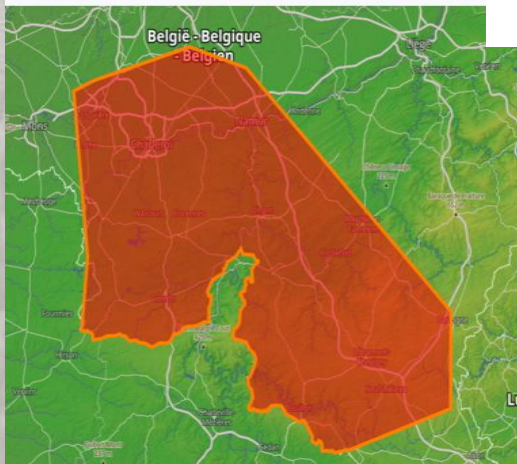
D) 10 0800-0900 2000-2200, 11 0730-0900 1330-1500 2000-2200, 12 1200-1300 1330-1500

E) EB TSA26B ARDENNES 04 ACT. TSA26B IS PERMEABLE DURING ITS ACT FOR TRAFFIC IN AND OUT OF EBFS AND FOR ACFT IN EMERGENCY.

F) 4500FT AMSL

G) FL095

Countries / Belgium, Luxembourg / Airspace 2020



Upper limit

FL = 9500

Lower limit

AMSL = 4500

Categories

Free flying  Powered flying

Airspace type

Restricted  Glider areas  Warning only  Obstacle  Alert

Line color

Solid  rgb(255,128,0)

Fill color

Default

Expert email

AUP link name

TSA26B

Activation times

Foreign airspace ISO

Description

Add description

Enable editor

Airspace "TSA26B ARDENNES 04 - Belgian part"

activations

Start time	End time
10.5. 10:00	10.5.2021 11:00 GMT+2
10.5. 22:00	11.5.2021 00:00 GMT+2
11.5. 09:30	11.5.2021 11:00 GMT+2
11.5. 15:30	11.5.2021 17:00 GMT+2
11.5. 22:00	12.5.2021 00:00 GMT+2
12.5. 14:00	12.5.2021 15:00 GMT+2
12.5. 15:30	12.5.2021 17:00 GMT+2



# Airspace.xcontest.org

## Week-end – LFA-G parsing



Liga van Vlaamse Zeevliegclubs

Wat is zweefvliegen? Secretariaat DTO Wedstrijden Ligablad Luchtruim Techniek

### LFA Golf Status

Status on Sunday 09 May 2021

The lowest QNH today is: 999hPa

Low Flying Area G1 is ACTIVE up to FL55 excluded (=1396 meter AMSL) from 1 local time.

Low Flying Area G2 North is ACTIVE up to FL75 excluded (=2006 meter AMSL) from 1200 local time.

Low Flying Area G2 West is ACTIVE up to FL75 excluded (=2006 meter AMSL) from 1200 local time.

Low Flying Area G2 South is ACTIVE

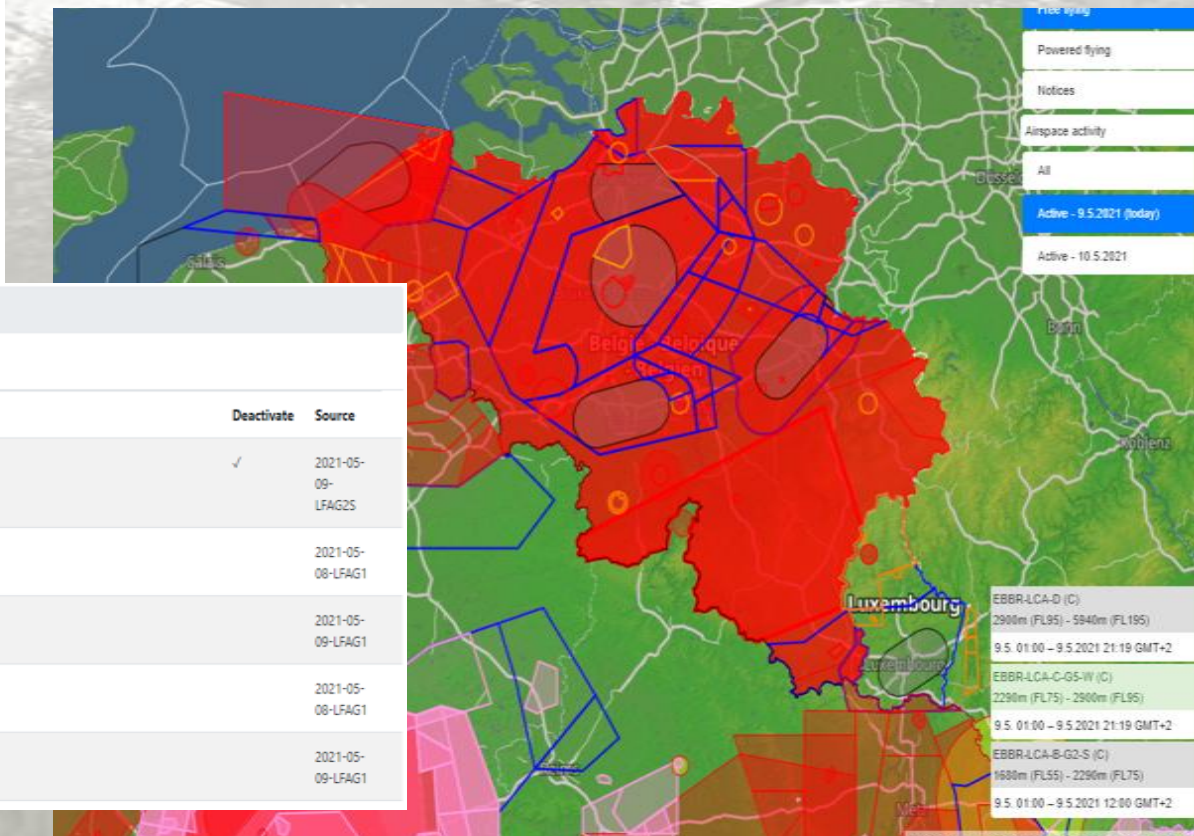
Low Flying Area GSW is NOT ACTIVE

Low Flying Area GSE is NOT ACTIVE

Countries / Belgium, Luxembourg / AUPs

Automatic Overrides Operations Validity Processed NOTAMS

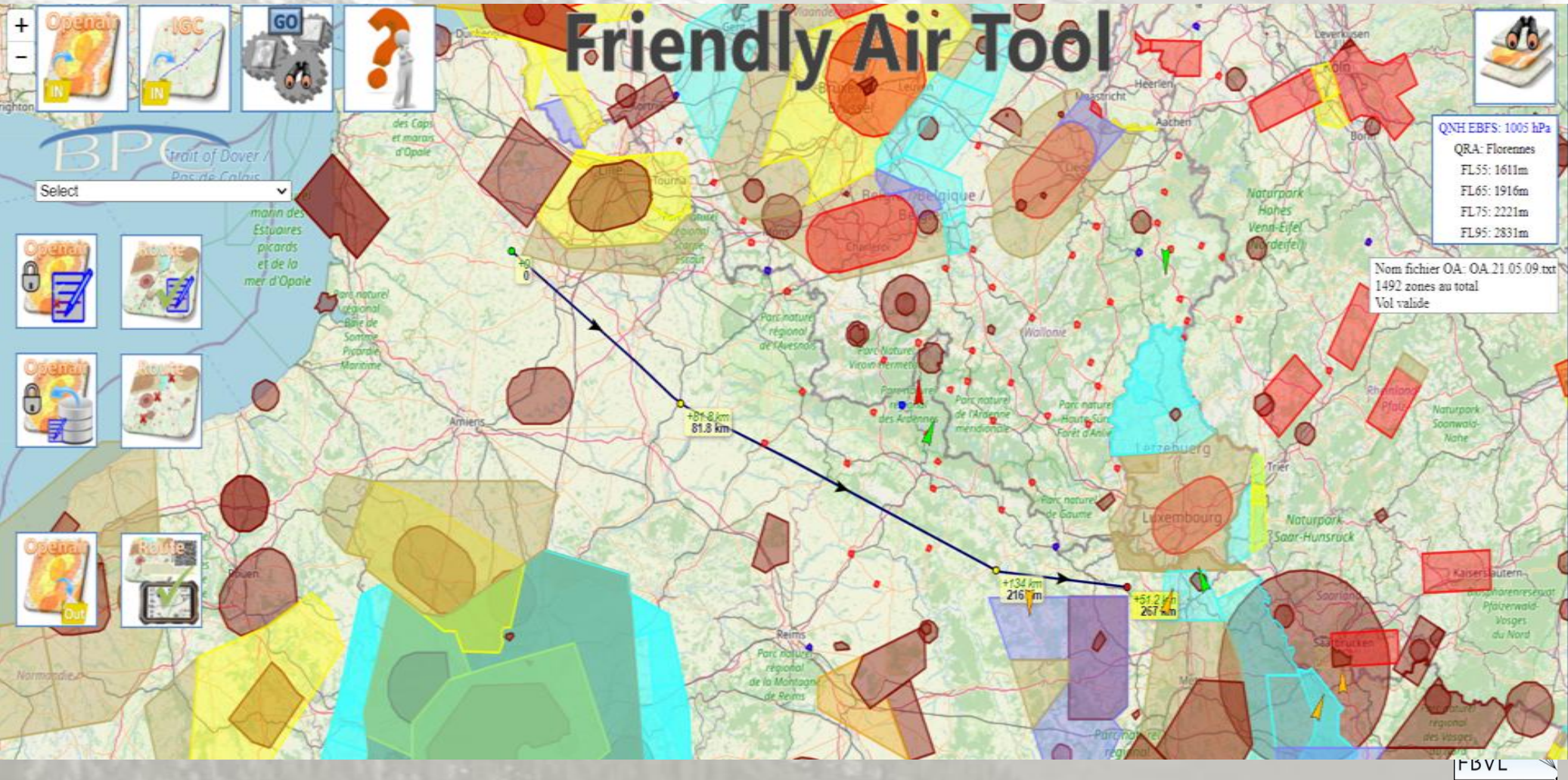
AUP link	Validity	Time spec	Deactivate	Source
EBBR-CTA-S3	9.5. 12:00 - 9.5.2021 21:19 GMT+2		✓	2021-05-09-LFAG25
EBBR-LCA-A-C	8.5. 01:00 - 8.5.2021 21:18 GMT+2			2021-05-08-LFAG1
EBBR-LCA-A-C	9.5. 01:00 - 9.5.2021 21:19 GMT+2			2021-05-09-LFAG1
EBBR-LCA-A-E	8.5. 01:00 - 8.5.2021 21:18 GMT+2			2021-05-08-LFAG1
EBBR-LCA-A-E	9.5. 01:00 - 9.5.2021 21:19 GMT+2			2021-05-09-LFAG1



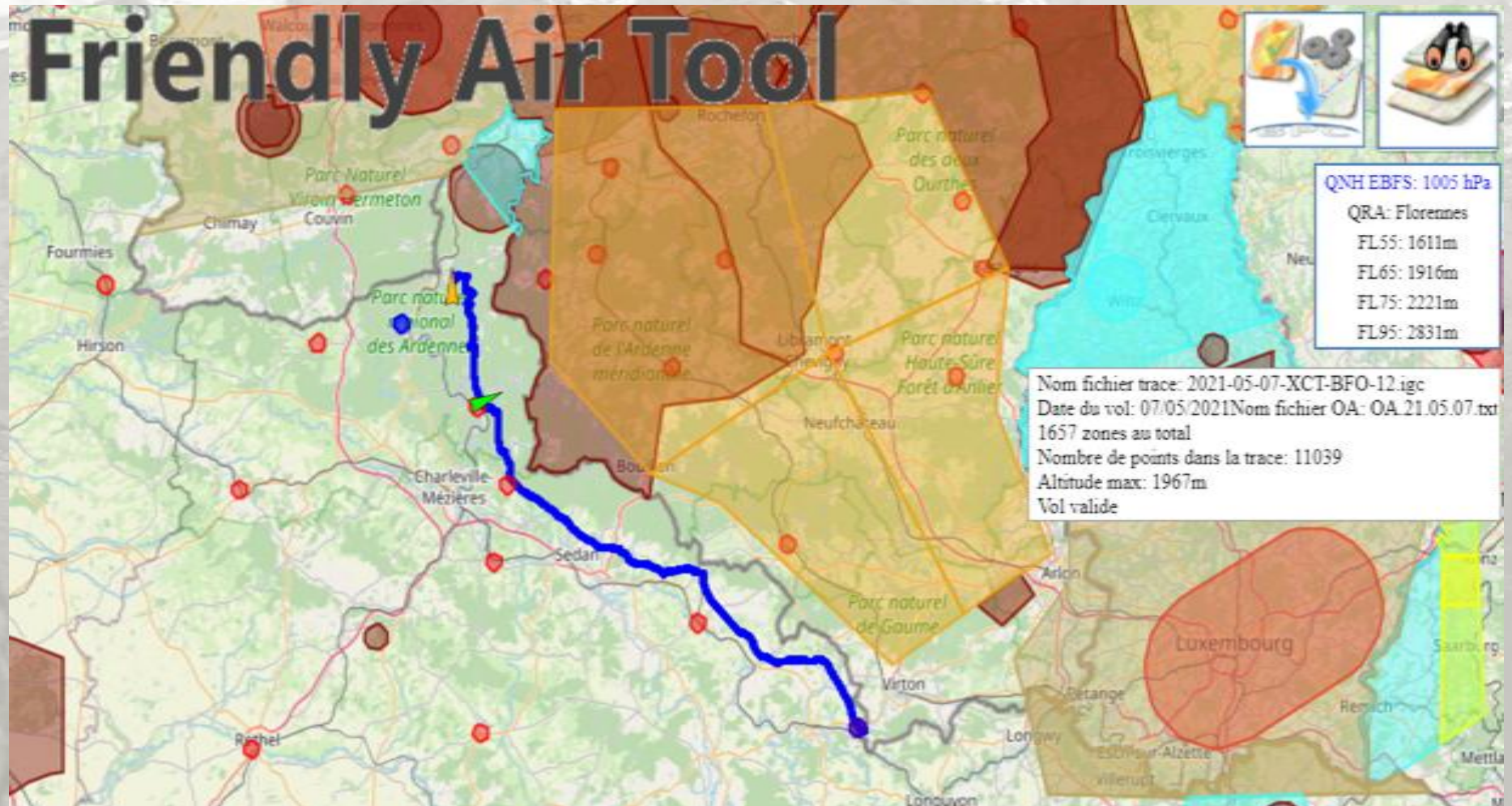
# Warning

- Automatic Notam parsing may always contain errors. If you find an error, please contact Bertrand ([bertrand@lesfontaines.be](mailto:bertrand@lesfontaines.be)) to get it resolved.
- GAA zones are available only for specific pilots. GAA zones may not be displayed. If displayed, they will probably be considered as “restricted”.

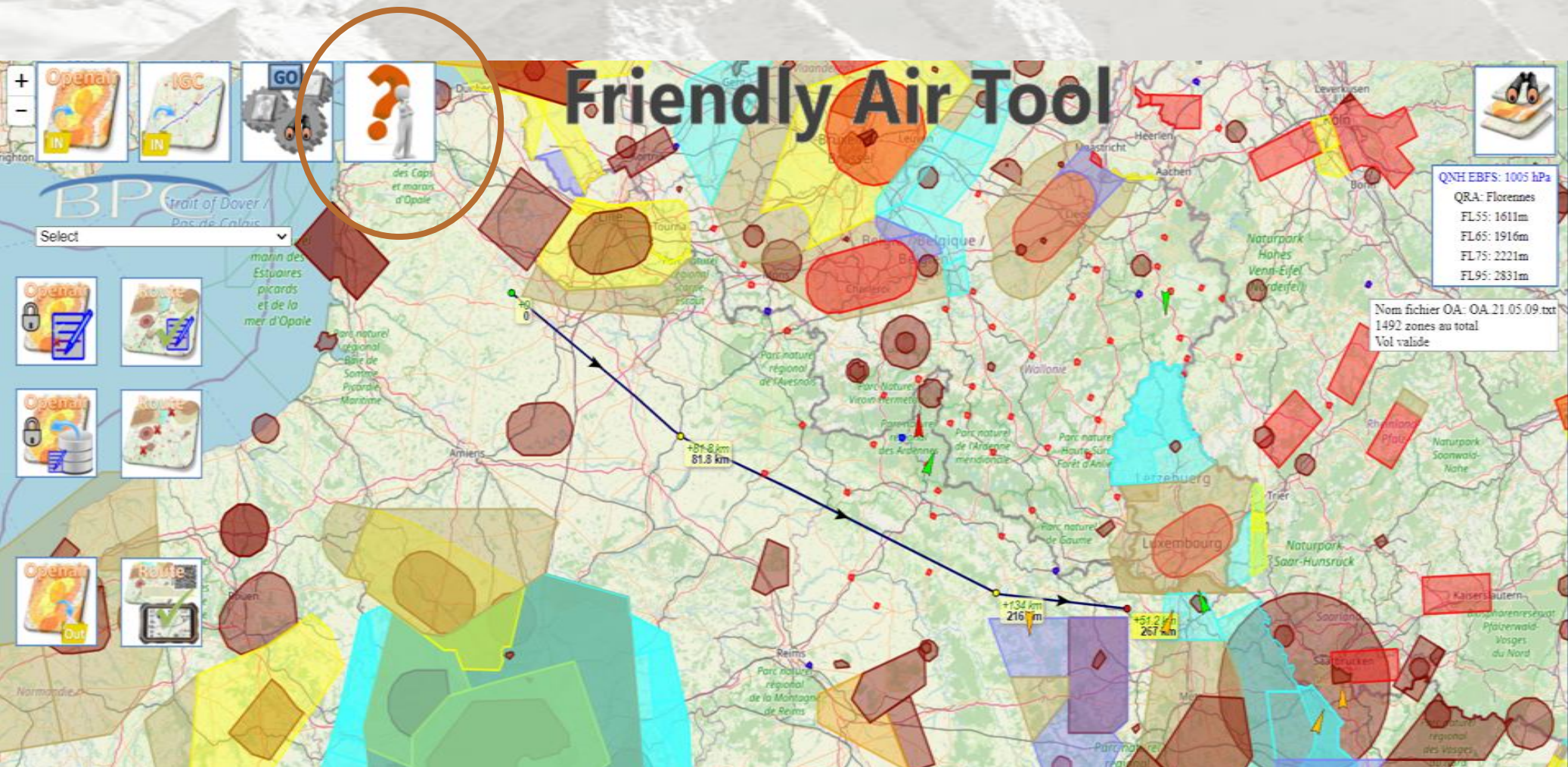
# The « FAT » tool : prepare the flight



# The « FAT » tool : check the flight



# The « FAT » tool : how to use it?



# The « FAT » tool : main buttons to use for GAA exam



- 1: select airspace file from the list (or open an Openair file (« IN »))
- 2: « Go » to display the airspace
- 3: select the tranches you want to display (only below 4500 ft by default)
- 4: check EBFS QNH for FL conversion
- 5: Use the « Route » tool to calculate the distance between 2 points.

# BPC Facebook Group: Daily briefing



Marc Delongie

Admin · 7 mai, 10:36 · 🌐



Briefing for today 7 May: sorry, a bit late...

A little reminder: as a rule of thumb, stay below 4500FT (1371m) AMSL during weekdays.

- TSA 26A and TSA 26B active today. (is above 4500ft but this usually says that there is military activity - see bullet point below)
- And with the above, EBD 26 activated in the same window. ( this is a danger zone and we are allowed to fly in, but it is possible that you come across an F16)
- EBR04 Elsenborn active for the rest of the week (and we automatically activate the adjacent EDR117 zone in Germany) (this is a zone where it is forbidden to fly in)

*Validated airspace files can be found:*

- *in the FAT tool*
- *on the FAT Google drive*
- *on [airspace.xcontest.org](https://airspace.xcontest.org)*
- *in the XCTrack application (airspace visible with activation windows)*

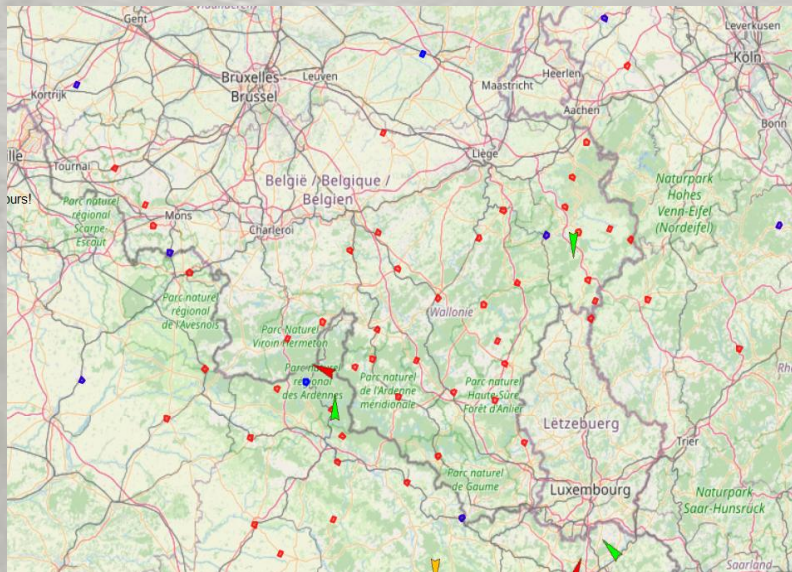
*Visualize the airspace and prepare your flight on the same FAT tool.*

Join the Facebook BPC group if you are not yet a member  
Useful info every day!

# BPC : « Online Challenge » throughout the year

## The « carrot » 100% airspace valid

- March → September
- Need to pass through waypoints to guide pilots
- Flight = 100% Airspace valid



**XContest 2021**

WORLD XContest NATIONAL XContests XCTrack Airspace Paramotors

» BPC [fr] » Overall

### Overall

☆ Overall :: Belgian Paragliding Cup 2021 ▾

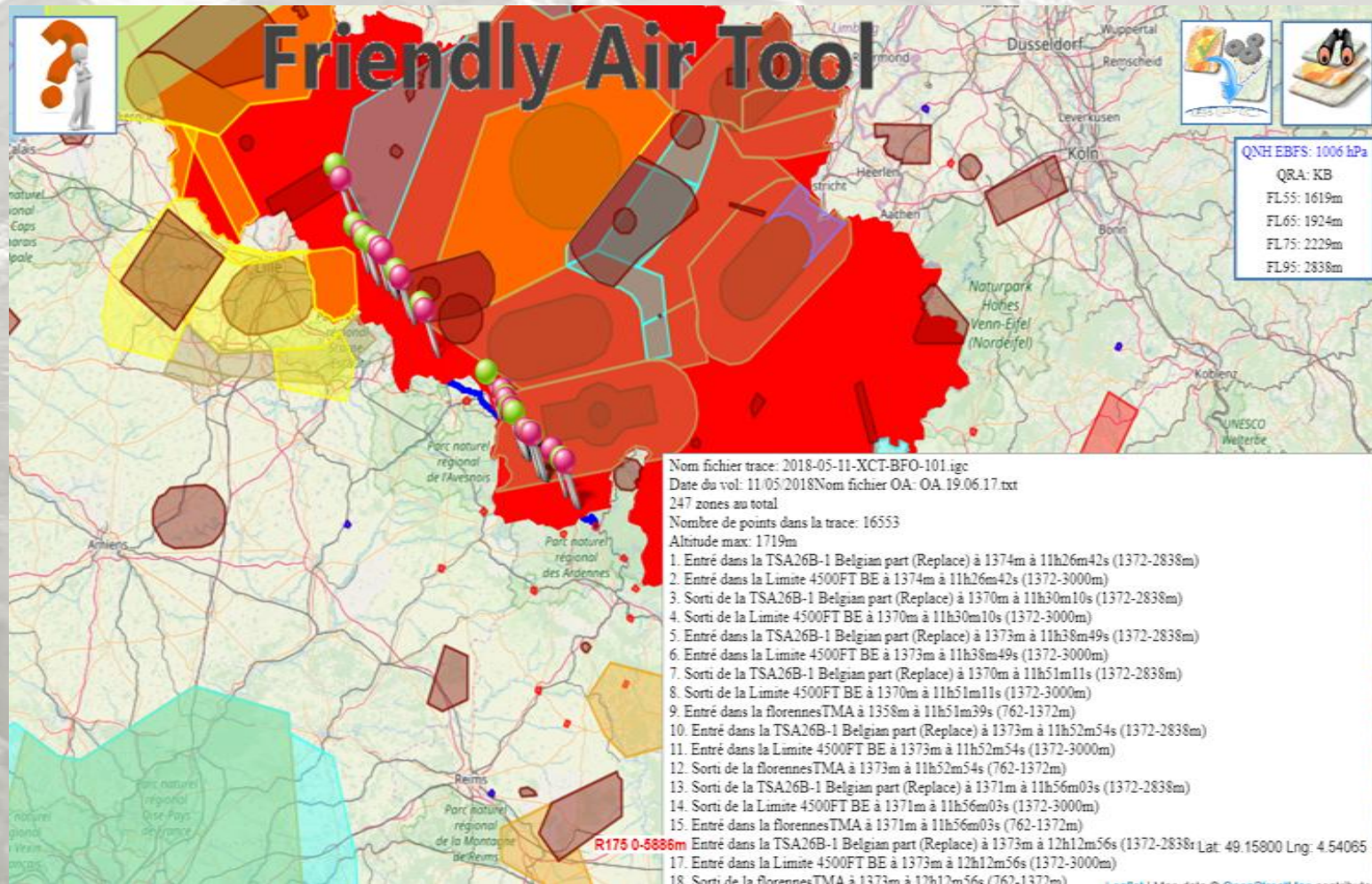
« Montrer les vols » « Masquer les vols »

Rank	Pilot Name	Score	Progress
1.	Lode Spruyt [lode_spruyt]	619.42 p.	████████████████████
2.	Bertrand Fontaine [berfon]	356.70 p.	██████████████████
3.	Laurent Dermine [flyingcoyote]	342.92 p.	██████████████████
4.	Quentin Debras [QDebFly]	213.14 p.	██████████████████
5.	Thibault Voglet [ThibaultV]	146.77 p.	██████████████████
6.	Quentin Courtois [Quentcourtois]	129.40 p.	██████████████████
7.	maxime Jaspard [MaxJaspard]	116.32 p.	██████████████████
8.	Bert Adams [BertAdams]	100.51 p.	██████████████████
9.	mathieu willaert [MathieuW]	90.44 p.	██████████████████
10.	Jeff Thielemans [jelfth]	89.72 p.	██████████████████
11.	Ivo Geens [IvoBE]	81.06 p.	██████████████████
12.	Soille Jean-David [Soillejd]	66.92 p.	██████████████████
13.	Olivier Legrand [Legrand]	64.23 p.	██████████████████
14.	Pie Roe [PieRoe]	62.17 p.	██████████████████
15.	Rosanne Vaneckhaute [Rosanne]	62.11 p.	██████████████████
16.	Nathanael Majoros [nmajoros]	60.53 p.	██████████████████
17.	Karlien Engelen [karlien]	58.17 p.	██████████████████
18.	Johan Vandenbussche [jovdb]	57.06 p.	██████████████████
19.	Philippe Sohy [Phil_Setmeuz]	56.28 p.	██████████████████

Join us on Facebook!



# FAT + BCP: let the pilot learn from errors



# Skeyes: AIP, SUP – AIP, Notams

BELGIUM & LUXEMBOURG  
Aeronautical Information  
Publication  
See cover page for details.

PDF Help Feedback

AIP | AMDT | SUPs | AICs | Search

**Effective 15 JUL 2021**

- Part 1 GENERAL (GEN)
  - GEN 0 INTRODUCTION
  - GEN 1 NATIONAL REGULATIONS AND REQUIREMENTS
  - GEN 2 TABLES AND CODES
  - GEN 3 SERVICES
  - GEN 4 CHARGES FOR AERODROMES/HELIPORTS
- Part 2 EN-ROUTE (ENR)
  - ENR 0 INTRODUCTION
  - ENR 1 GENERAL RULES AND PROCEDURES
  - ENR 2 AIR TRAFFIC SERVICES AIRSPACE
  - ENR 3 ATS ROUTES
  - ENR 4 RADIO NAVIGATION AIDS / SYSTEMS
  - ENR 5 NAVIGATION WARNINGS
  - ENR 6 EN-ROUTE CHARTS
- Part 3 AERODROMES (AD)
  - AD 0 INTRODUCTION
  - AD 1 AERODROMES/HELIPORTS - INTRODUCTION
  - AD 2 PUBLIC AERODROMES
  - AD 2 PRIVATE AERODROMES
  - AD 2 ULM AERODROMES
  - AD 2 PERSONAL AERODROMES
  - AD 3 MILITARY HELIPORTS
  - AD 3 HOSPITAL HELIPORTS
  - AD 3 PRIVATE HELIPORTS
  - AD 3 PERSONAL HELIPORTS

eAIP  
BELGIUM & LUXEMBOURG

Consult NOTAM for latest information

AIM Belgium

Information on this eAIP Package

[AMDT 007/2021](#)

Effective date: 15 JUL 2021  
Publication date: 01 JUL 2021

AIP Supplement  
Belgium and Luxembourg

SUP  
012/2021

Effective from  
22 APR 2021  
to 15 OCT 2021  
Published on  
08 APR 2021

AIM Belgium

GLIDER AREAS ARDENNES 2021

PTB Daily Warnings Sunrise/Sunset ATIS/VOLMET Obstacles NOTAM Summary LOGIN

The Daily Warnings only contain NOTAM on navigational warnings and can never be used as single source for pre-flight briefing. Information on subjects such as activation of ATS airspace or aerodromes is not included. In order to receive full pre-flight information, an appropriate PTB must be made for each flight using the PTB tools provided.

5/8/2021 6/8/2021

Daily warnings PTB text

Daily warnings chart (PDF)

Interactive daily warnings chart

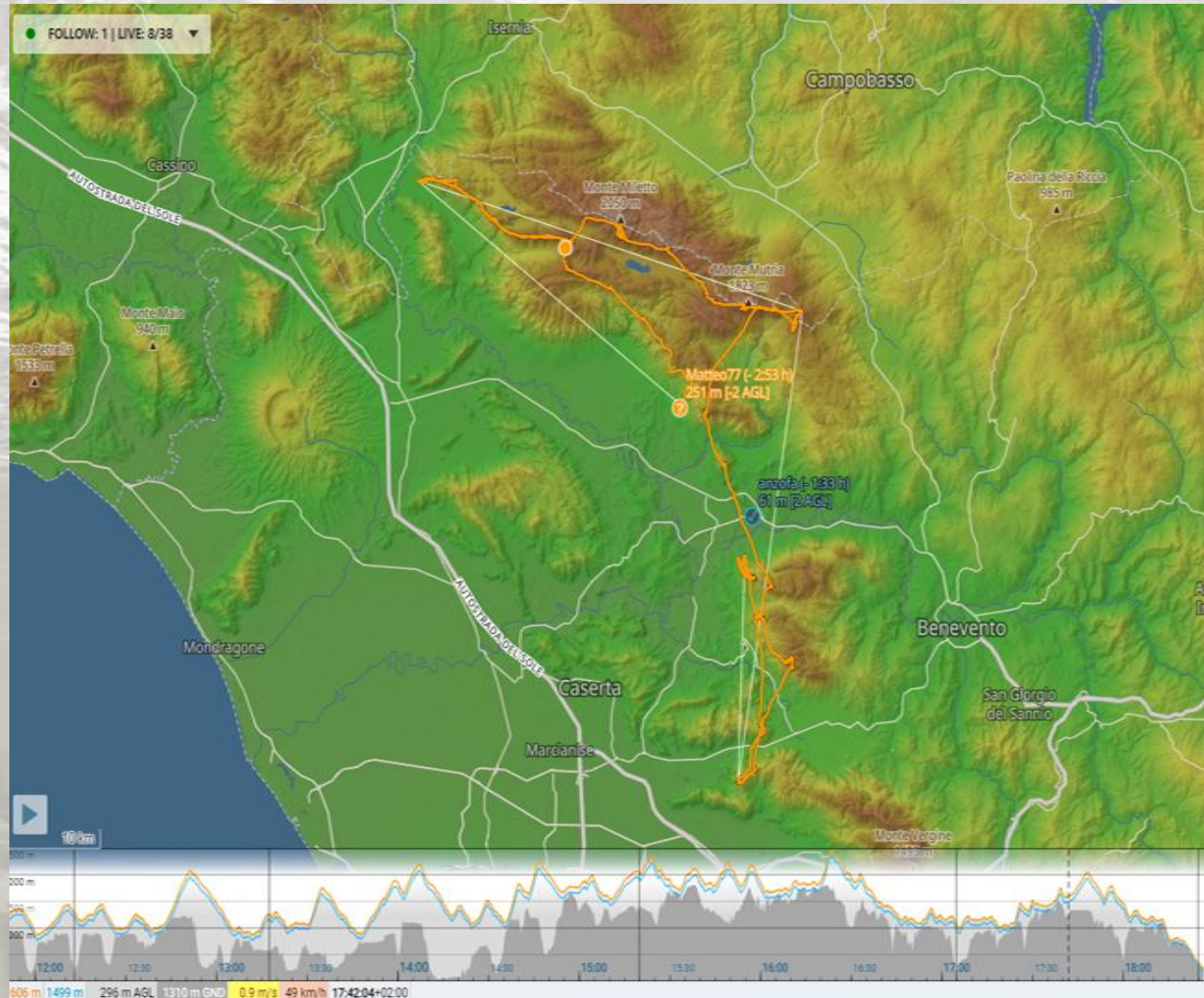
**Get used to find info!**

TIP: Google search:  
« Skeyes + keywords »

Example: « Skeyes Florennes TMA » to find Florennes TMA details in AIP

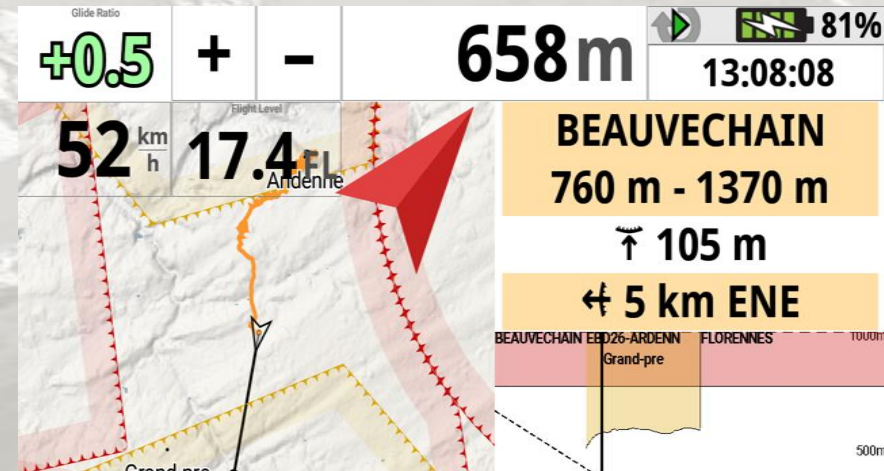
# Livetracking: XCTrack/Xcontest - Flymaster

- *XCTrack = Free Android App with Livetracking*
- *Anyone can be seen WW*
- *Lead by example*
- *More security*
- *Strong incentive to follow the rules*
- *Allows EBSH tower to monitor (para)gliders in GAA zones*

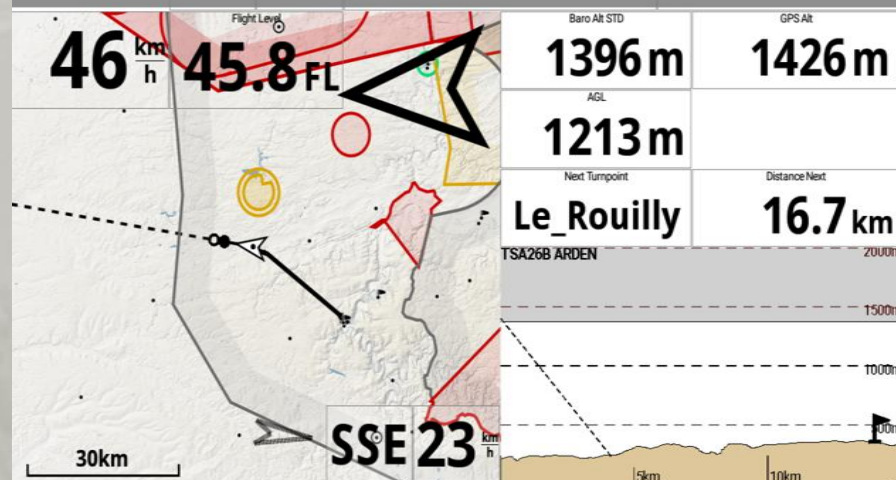


# XCTrack (Pro): Flight instrument with advanced Airspace features

- *XCTrack = Free Android App with advanced airspace features*
- *Direct data from [airspace.xcontest.org](http://airspace.xcontest.org)*
- *2D and **vertical** views*
- *Airspace Proximity widget*
- ***Activation windows***
- *Automatic update, even during the flight*

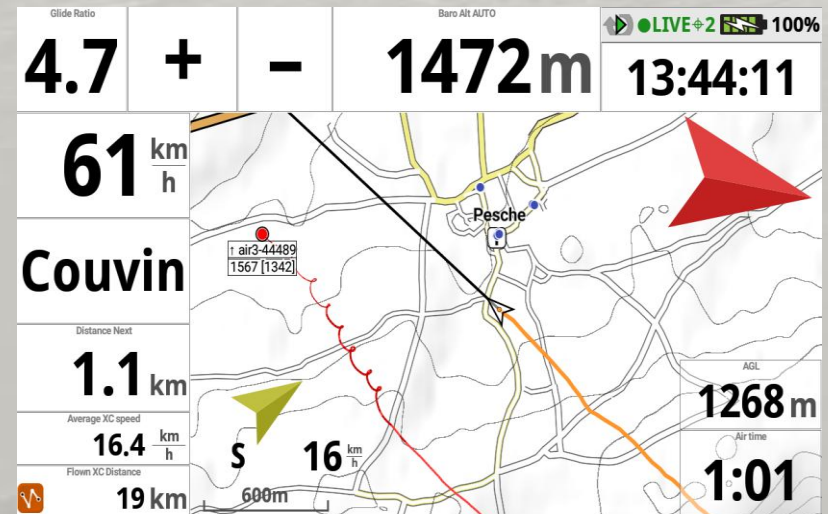
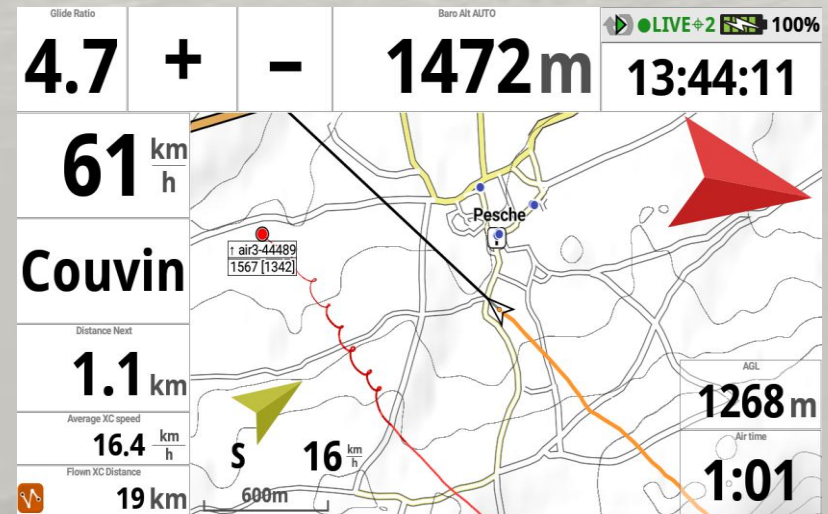
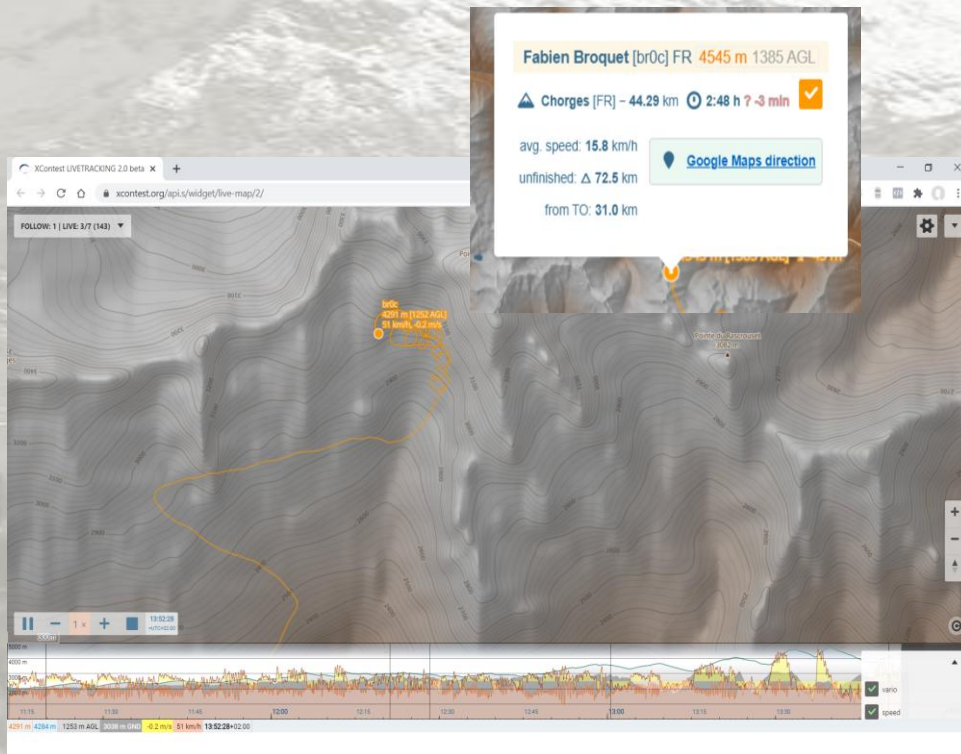


**TSA26B ARDENNES 04 will be activated in 5 minutes**



# XCTrack (Pro): Livetracking

*Livetracking on Live.xcontest.org and on other XCTrack Live devices*



# Livetracking & GAA

- Flymaster and/or XCTrack/Xcontest: 2 main platforms
- Already using Livetracking to get GAA-XC certificate.  
Why?
  - > Pilots using Livetracking are pilots that are following the rules (the opposite is not true /!\)
- Use Livetracking for GAA flights and for the other flights
- This is a GAA Charter commitment

# Subjects :

- Specific GAA Knowledge
  - How GAA works
  - Radio and EBSH-Tower app monitoring
  - **GAA commitment**
- EBSH-Tower app
  - How, why, when
  - Messages for confirmation
- Tools for GAA and flights in general
  - [Airspace.xcontest.org](http://Airspace.xcontest.org)
  - Friendly Air Tool
  - BPC Facebook group briefings
  - BPC
  - Skeyes – AIP – Notams
  - Livetracking: XCTrack/Xcontest and Flymaster
- XC reminder
  - Altimetry
  - Airspaces
  - LFA Golf

# XC Reminder – Altimetry: 3 different altitudes

- **QNH** : Barometric altitude based on the MSL pressure (hPa) in a specific place. Right altitude if correctly set.
- **FL (QNE)**: Barometric altitude provided by the pressure altitude based on 1013,25 hPa. Unless the QNH is 1013.25 hPa, this Standard altitude is not the same as the altitude based on QNH
  - Air to Air separation
- **GPS** : Satellite-based altitude with 3D error quite high depending on the devices and places

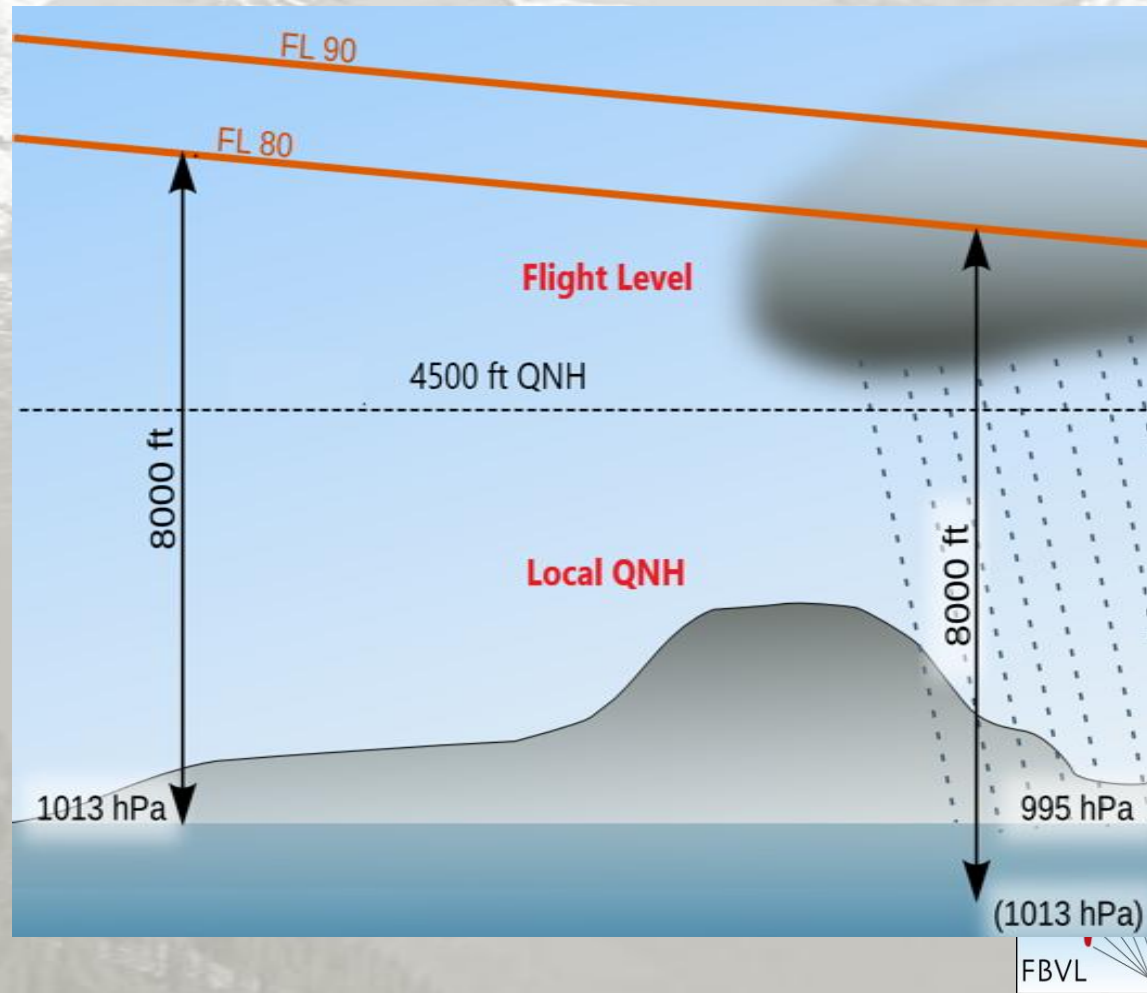


# XC Reminder – Altimetry

- **Local QNH :**

Is the one used for the entire country in non-controlled airspace. It can change at any moment.

- In Belgium we switch from QNH to FL above 4500ft AMSL ( $\pm 1372$  m)



# XC Reminder – Airspace

- The sky is classified from **A**lpha to **G**olf zones, alpha being the most restrictive and Golf the less.

Class	Type of flight	Separation provided	Service provided	Speed limitation?	Radio communication capability requirement	Continuous two-way-air-ground voice communication required	Subject to ATC CLR
<b>A</b>	IFR only	all ACFT	ATC service	not applicable	yes	yes	yes
<b>B</b>	IFR	all ACFT	ATC service	not applicable	yes	yes	yes
	VFR	all ACFT	ATC service	not applicable	yes	yes	yes
<b>C</b>	IFR	IFR from IFR	ATC service	not applicable	yes	yes	yes
	IFR	IFR from VFR	ATC service	not applicable	yes	yes	yes
<b>D</b>	VFR	VFR from IFR	(1) ATC service for separation from IFR; (2) ATC service VFR/VFR traffic information (and traffic avoidance advice on request)	250 KIAS below FL 100	yes	yes	yes
	IFR	IFR from IFR	ATC service includes traffic information about VFR flights (and traffic avoidance advice on request) and VFR traffic information (and traffic avoidance advice on request)	250 KIAS below FL 100	yes	yes	yes
<b>E</b>	VFR	NIL	ATC service, as far as practical, traffic information about VFR flights	250 KIAS below FL 100	yes	yes	yes
	IFR	IFR from IFR	ATC service, as far as practical, traffic information about VFR flights	250 KIAS below FL 100	yes	yes	yes
<b>F</b>	VFR	NIL	traffic information as far as practical	250 KIAS below FL 100	no <sup>1)</sup>	no <sup>1)</sup>	no
	IFR	IFR from IFR as far as practical	air traffic advisory service, FIS if requested	250 KIAS below FL 100	yes <sup>1)</sup>	no <sup>1)</sup>	no
<b>G</b>	VFR	NIL	FIS if requested	250 KIAS below FL 100	no <sup>1)</sup>	no <sup>1)</sup>	no
	IFR	NIL	FIS if requested	250 KIAS below FL 100	yes <sup>1)</sup>	no <sup>1)</sup>	no
<b>G</b>	VFR	NIL	FIS if requested	250 KIAS below FL 100	no <sup>1)</sup>	no <sup>1)</sup>	no
	IFR	NIL	FIS if requested	250 KIAS below FL 100	no <sup>1)</sup>	no <sup>1)</sup>	no

- In Belgium** : non-controlled airspace is **G**, most of CTR are **D** and CTA (TMA, AWY, LTA, ...) are **C**.

# XC Reminder – Airspace

- *Particular Segments :*

- **TRA:** Temporary Reserved Area

Reserved zone for special uses (most of the time forbidden for paragliders)

- **TSA:** Temporary Segregated Area

Divided zone for special uses or civilian/military optimization

(most of the time forbidden for paragliders)

- **LFA:** Low Flying Area

Low altitude training area or extended non-controlled airspace (**LFA-G**)

- **HTA:** Helicopter Training Area

Low altitude helicopter training area

# XC Reminder – Airspace

- *Special Zones :*

- **D**: **D**anger

Zone with potential dangers for crossing aircraft (keep sharp look-out!)

- **R**: **R**estricted

Zone with conditional access (most of the time forbidden for paragliders)

- **P**: **P**rohibited

Forbidden access zone!

- **TMZ**: **T**ransponder **M**andatory **Z**one (forbidden for paragliders)

- **RMZ**: **R**adio **M**andatory **Z**one (forbidden for paragliders)

- **ATZ**: **A**irfield **T**raffic **Z**one (forbidden\* for paragliders)

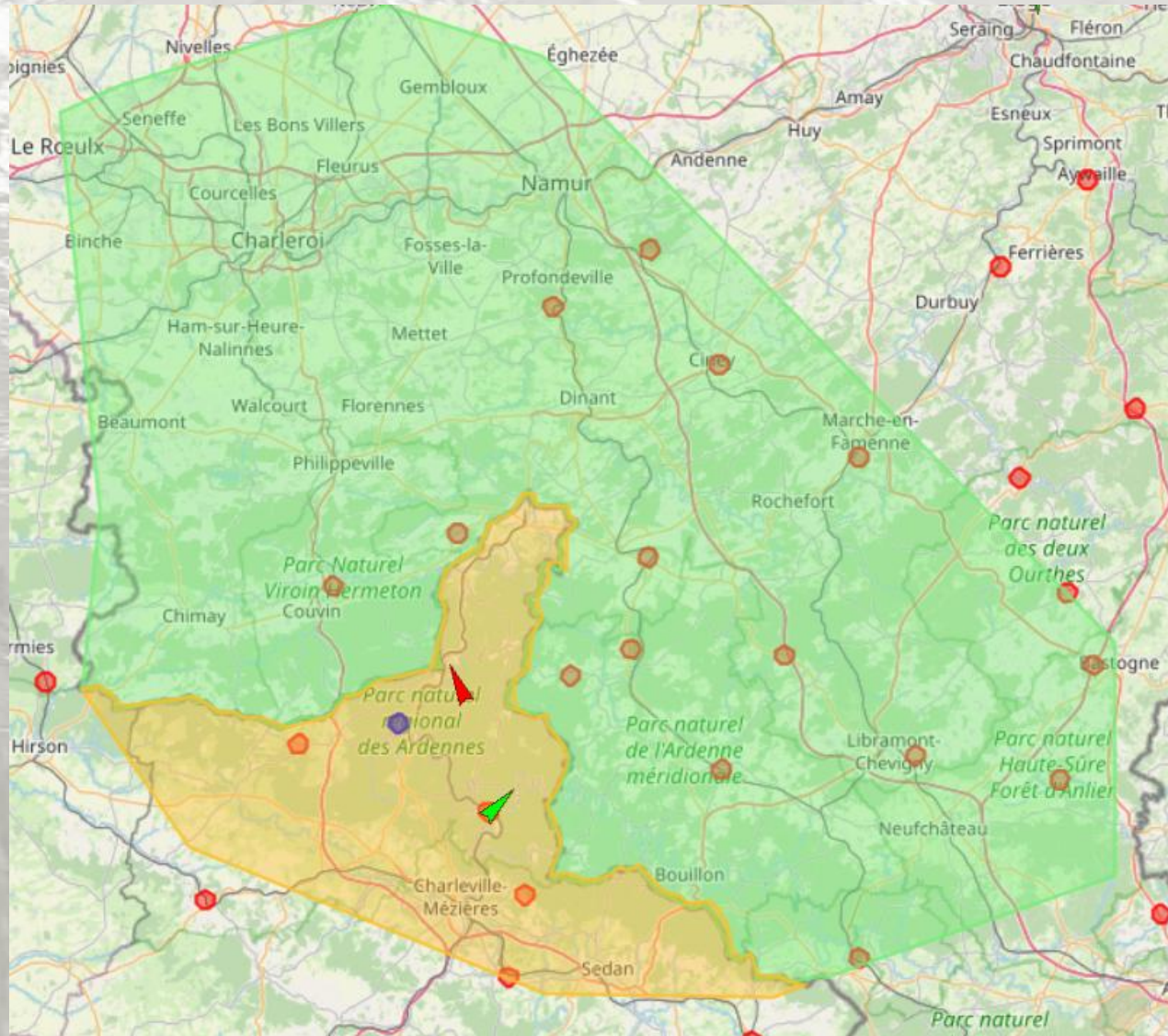
\* See AIP for each zones

# XC Reminder – Airspace : **LFA Golf**

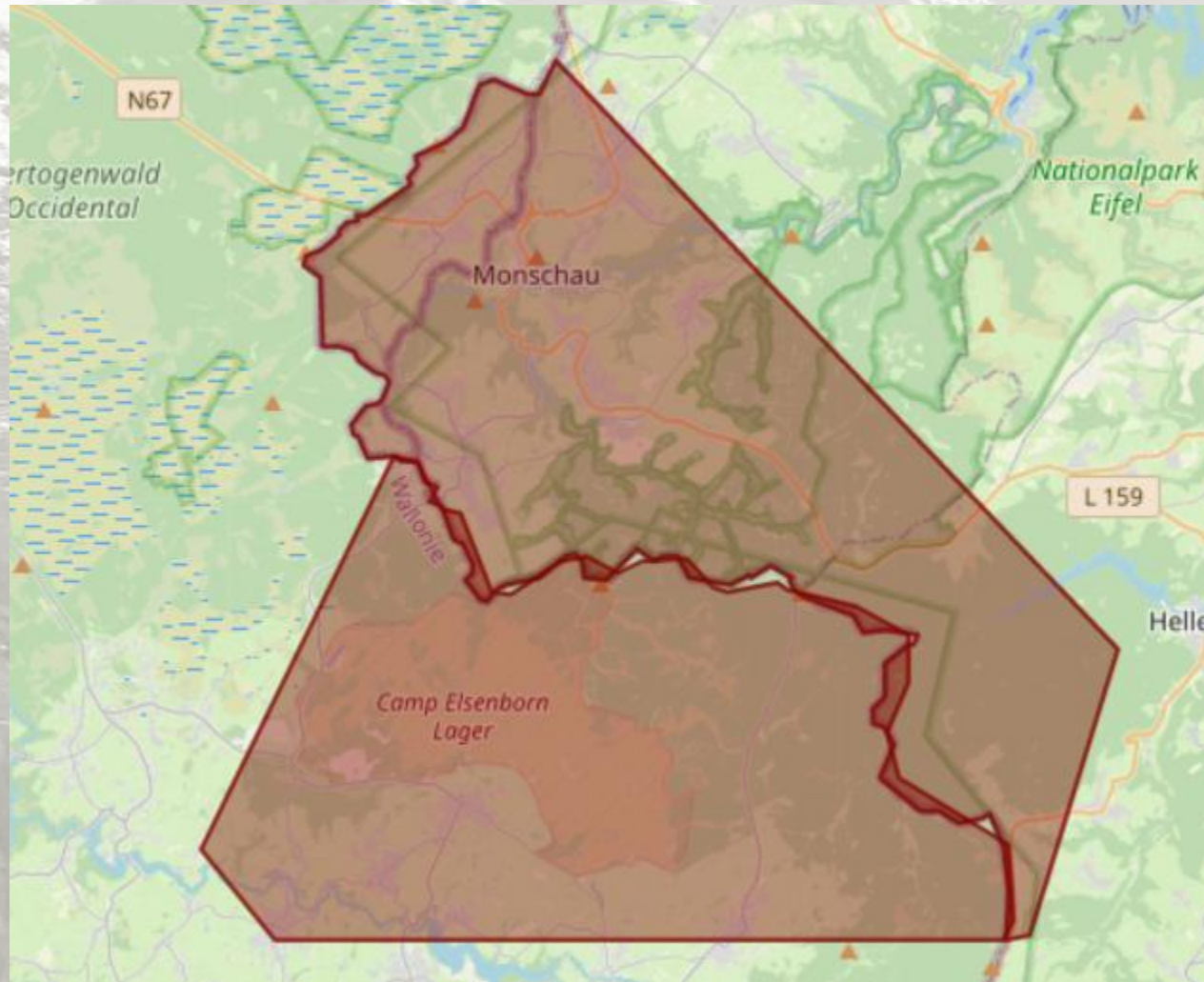
- Those are extended golf class airspace allocated by Skeyes to the glider community above 4500 ft<sup>AMSL</sup> when Mil is not active
- Higher limit is « FL excluded ». This means we are not supposed to fly at that Flight Level.
  - **G1**: 4500ft<sup>QNH</sup> – FL55 Excl. When MIL is not active
  - **G2**: FL55 – FL 75 Excl. When Gliders are requesting it
  - **G3**: FL55 – FL65 Excl.
  - **G5**: FL75 – FL90 Excl.



# XC Reminder – Significant zones: TSA-26B & LFCBA 16B



# XC Reminder – Significant zones: EBR04 & ED R117





# QUESTIONS & ANSWERS

A grayscale photograph of a mountain range. The foreground shows a dense forest of evergreen trees on a slope. In the middle ground, there are several mountain peaks, some with patches of snow or light-colored rock. The background features more distant, hazy mountain ranges under a bright sky. The overall scene is a vast, rugged landscape.

# Questions GAA-XC certificate

The candidate is supposed to use a computer with internet access. The goal is to check that the pilot is able to prepare his flight, is able to find the info, understand the info and have the right info in mind while flying.

Questions can be shared before the training/exams, so that the pilot can be better prepared. New scenarios (notams) will be used for each exam

# Examen GAA-XC 04/09/2021

Date: ..... Nom du pilote: .....

Numéro brevet XC: .....

Utilisation du Livetracking pour tous mes vols:

Depuis .....

Type: Flymaster – Xcontest/Xctrack

Identifiant: .....

Utilisation d'une radio capable d'écouter la tour  
EBSH (122,18Mhz)

Brand/model: .....

EBSH-Tower installé + enregistré

Le candidat est censé utiliser un ordinateur avec accès à Internet. Le but est de vérifier que le pilote est capable de préparer son vol, est capable de trouver l'info, de comprendre l'info et d'avoir la bonne info en tête en vol.

# (Sup)-AIP questions 1/2

- A quelle heure théorique (basé sur AIP) puis-je décoller d'Andenne et monter jusqu'à 1000 m AMSL le 01/09/2021 ?

.....  
.....

- Quel(s) décollage(s) est impacté(s) par la TSA26B si elle est active, alors que je souhaite monter jusqu'à 1600m AMSL et que les GAA sont actives et autorisées aux parapentes GAA-XC (vol local uniquement), parmi les sites suivants ?

Rochefort - La roche – Coo – Fumay – Beauraing

- A quelle condition puis-je voler jusqu'à 2000 m AMSL au sud de Revin lorsque la TSA26B est active?

.....

- Quelle est la spécificité du GAA Malmedy dans le SUP-AIP?

.....

# (Sup)-AIP questions (2/2)

Lors du prochain jour ouvrable, quelles sont les prochaines zones militaires activables par notam, impactants nos vols (hors zones dangers)? A quelle(s) heure(s) seront-elles actives? Sur base exclusivement des espaces aériens, où iriez-vous voler pour bénéficier d'une zone GAA (probablement) active autorisée et sur quel axe?

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Expliquez le notam suivant. (9h10 Local time devrait être écrit 09:10)

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**B4758/21**  
From:06 SEP 21 11:30 Till:08 SEP 21 14:30  
Schedule:DAILY 1130-1430  
Text:TSA28A-ELSENBORN 02 ACT  
Lower limit:GND Upper limit:2000FT AMSL

# GAA/Notams 1/9/21

## Notam's summary for 01/09/2021 as on 01/09/21 06:51

B4640/21

From:30 AUG 21 07:30 Till:03 SEP 21 10:30

Schedule:AUG 30 0730-0900 0930-1030 1200-1300, 31 0730-0900 1200-1300 1330-1500, SEP 01 0730-0900 1200-1300, 02 0730-0900 1200-1300 1330-1500, 03 0930-1030

Text:TSA26B - ARDENNES 04 ACT

Lower limit:4500FT AMSL Upper limit:FL095

B4641/21

From:30 AUG 21 07:30 Till:02 SEP 21 15:00

Schedule:AUG 30 0730-0900 0930-1030 1200-1300, AUG 31 0730-0900 1200-1300 1330-1500, SEP 01 0730-0900 1200-1300, SEP 02 0730-0900 1200-1300 1330-1500

Text:EBD26-ARDENNES 05 ACT

Lower limit:1000FT AGL Upper limit:4500FT AMSL

B4642/21

From:30 AUG 21 06:00 Till:03 SEP 21 13:00

Schedule:AUG 30 0600-1500, AUG 31 SEP 01 02 0600-2100, SEP 03 0600-1300

Text:EBR04-ELSENBORN 01 ACT

Lower limit:GND Upper limit:FL105

B4712/21

From:01 SEP 21 11:00 Till:01 SEP 21 15:00

Text:TSA28A-ELSENBORN 02 ACT. LIMITED UP TO 2000FT AGL. HELI EXERCISE.

Lower limit:GND Upper limit:2000FT AGL

B4713/21

From:01 SEP 21 09:00 Till:01 SEP 21 16:00

Text:REF SUP012/2021. GLIDER AREA LA ROCHE ACT. CONSULT SUP FOR APPLICABLE PROC. TRANSPONDER (CODE A1477) REQUIRED

Lower limit:4500FT AMSL Upper limit:FL065

# GAA/Notams 1/9/21

B4714/21

From:01 SEP 21 09:40 Till:01 SEP 21 13:00

Text:REF SUP012/2021. GLIDER AREA SAINT-HUBERT ACT. CONSULT SUP FOR APPLICABLE PROC. TRANSPONDER (CODE A1477) REQUIRED

Lower limit:4500FT AMSL Upper limit:FL065

B4715/21

From:01 SEP 21 09:00 Till:01 SEP 21 16:00

Text:REF SUP012/2021. GLIDER AREA MALMEDY ACT. CONSULT SUP FOR APPLICABLE PROC. TRANSPONDER NOT REQUIRED

Lower limit:4500FT AMSL Upper limit:FL065

QNH: Celui d'aujourd'hui!

# Questions GAA/NOTAMS. Vol 01/09

- Quelles GAA permettant de voler en parapente sont actives et quels sont les créneaux horaires (LT) respectifs de ces zones.?

.....

- Pour chaque site repris ci-dessous, puis-je accomplir (vol entier ou partiel) un vol de 40km en pouvant monter au moins une fois à une altitude de 1800 m AMSL. Prendre en compte une variation possible de 30° par rapport au cap annoncé ?

(Ne prenez pas que les GAA en compte)

- Pour chaque site permettant d’atteindre cette altitude au moins une fois, indiquer le créneau horaire à respecter pour pouvoir monter à cette altitude de 1800m AMSL.
- Préciser si il est possible de maintenir 1800m AMSL durant tout le vol, Si non, indiquer les kms approximatifs durant lesquels cela est possible (De x Km à y km).
- Donner le noms des zones rencontrées dans un angle de 30° dans le sens du cap donné qui doivent être prises en compte.

	Valide (v)	Créneau horaire	Entier/Partiel	Depuis x KM -> y KM	Zones à prendre en compte
Depuis Coo, direction Est-Nord-Est					
Depuis Maboge, direction Nord-Est					
Depuis 7M, direction Nord					
Depuis Beauraing, direction Sud					
Depuis Revin, direction Nord-Est					
Depuis Revin, direction Sud					
Depuis Fumay, direction Est					
Depuis Prayon, direction Sud/Ouest					



# Activation LFA-G

## LFA Golf Status

Status on Saturday 04 September 2021

The lowest QNH today is: **1016hPa**

**Low Flying Area G1** is **ACTIVE** up to FL55 excluded (=1552 meter AMSL) from 1 local time.

**Low Flying Area G2 North** is **NOT ACTIVE**

**Low Flying Area G2 West** is **NOT ACTIVE**

**Low Flying Area G2 South** is **ACTIVE** up to FL75 excluded (=2162 meter AMSL) from 1100 local time.

**Low Flying Area G5W** is **ACTIVE** up to FL95 excluded (=2771 meter AMSL) from 1300 local time.

**Low Flying Area G5E** is **ACTIVE** up to FL95 excluded (=2771 meter AMSL) from 1300 local time.

# Questions LFA-G

- Quelles LFA-G sont actives aujourd'hui et à quelle heure suis-je autorisé de voler dans ces zones?  
.....
- Comment obtenir ces statuts des LFA-G?  
.....
- Depuis quel(s) déco(s) puis-je voler jusqu'à 1400m AMSL/2000m AMSL sur un vol XC de 20 km (pendant tout le vol), sachant qu'une variation possible de 30° doit être prise en compte par rapport à la direction donnée (15° de chaque)?
  - Indiquez si il y a des zones spécifiques à prendre en compte pendant le vol et comment les respecter.

	1400 AMSL	2000 AMSL	Zones à prendre en compte et à respecter
De Coo, direction Est-Nord-Est			
Depuis La Roche, direction Sud			
Depuis 7M, direction Nord			
Depuis Beauraing, direction Sud			
Depuis Revin, direction Nod-Est			
Depuis Fumay, direction Est			
Depuis Prayon, direction Sud/Ouest			

The End....

