A black and white aerial photograph of the Ardennes mountain range. The mountains are covered in dense forests, with rocky peaks and valleys. The perspective is from above, looking down at the landscape.

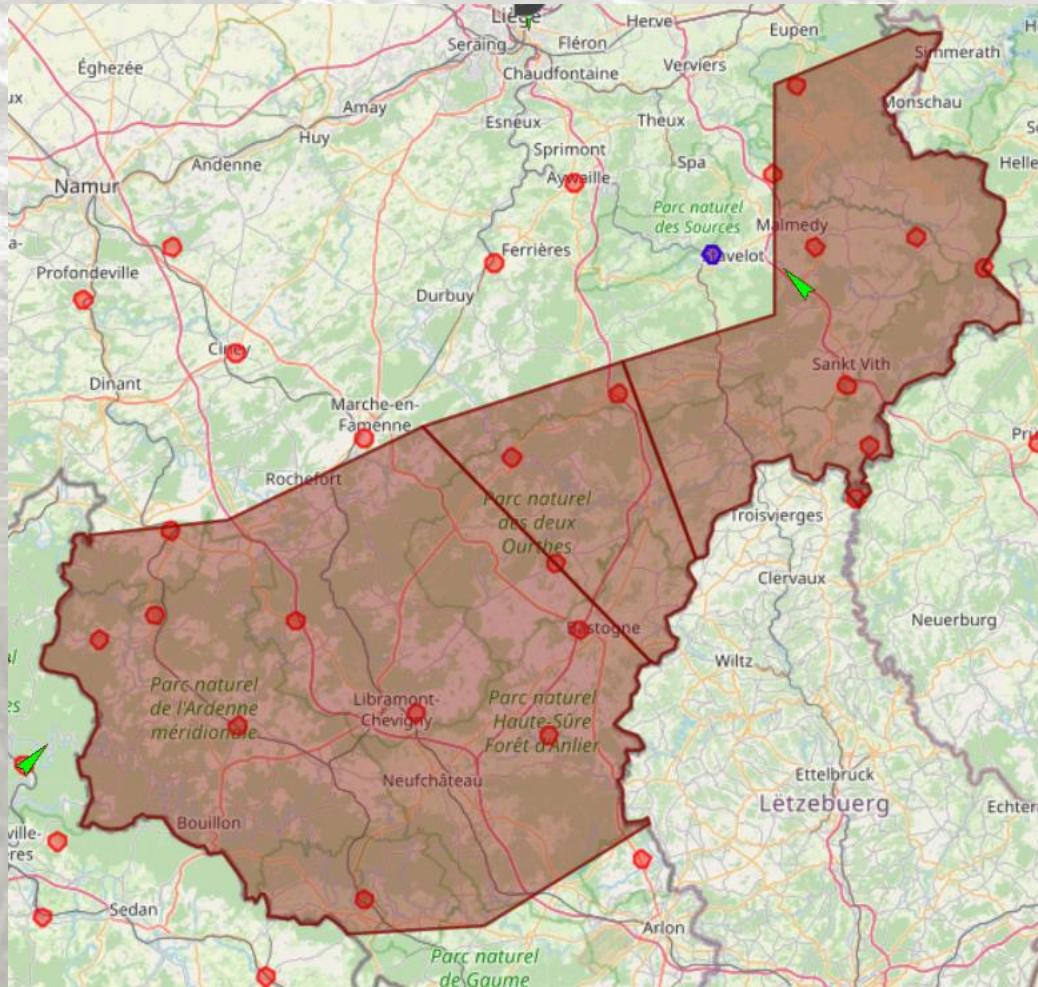
Glider Areas Ardennes

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!

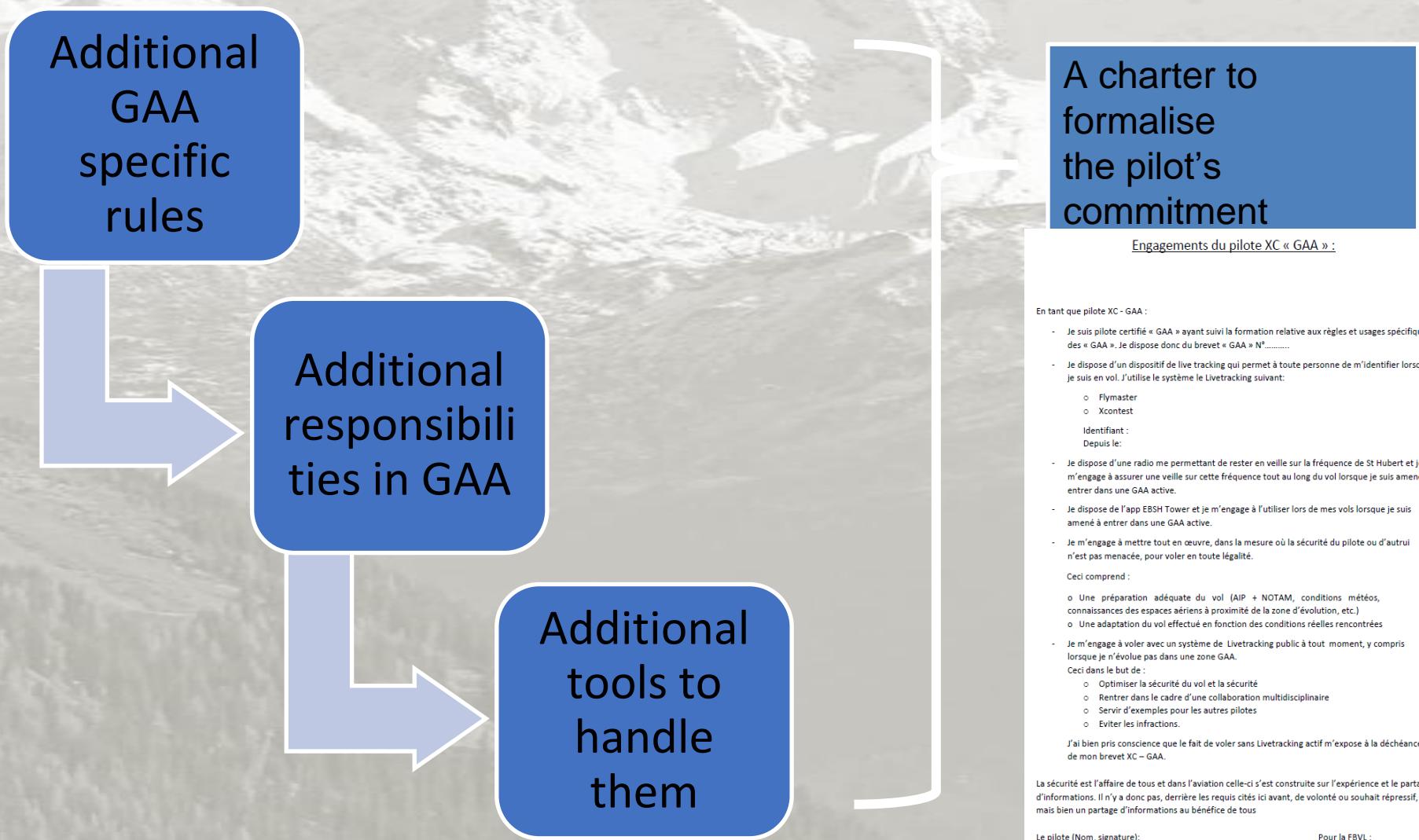


Conditions to fly within GAA zones

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 met.

Accountability through a charter:



Charter

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 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 :

- o Une préparation adéquate du vol (AIP + NOTAM, conditions météos, 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 :

.....

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
 - Friendly Air Tool
 - Skeyes – AIP – Notams
 - BPC Facebook group briefings
 - Livetracking: XCTrack/Xcontest and Flymaster
- XC reminder
 - Altimetry
 - Airspaces
 - LFA Golf

Specific GAA Knowledge



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.

We will need to check the 2024 version when available!

Specific GAA Knowledge (2022-2023)

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

Lateral limits	Vertical limits	Type of restriction / nature of hazard	Time of activity
500657N 0045210E - 500657N 0050553E - 501252N 0052512E - 495757N 0054744E - along the Belgian-Luxembourg border - 494738N 0054729E - 494106N 0053116E - 494038N 0051741E - along the Belgian-French border - 500657N 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.			

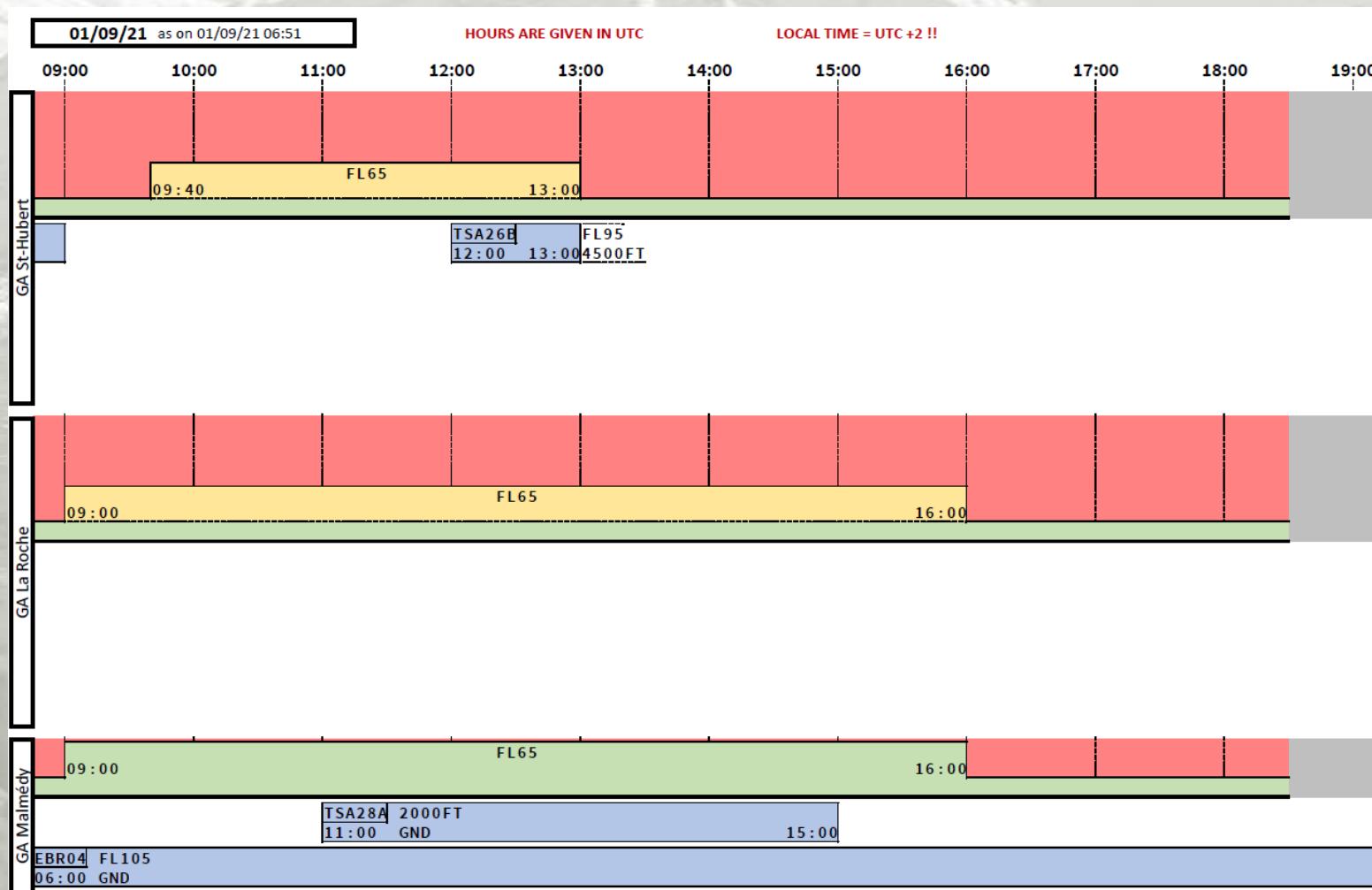
GLIDER AREA LA ROCHE (1)(2)(3)

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.			

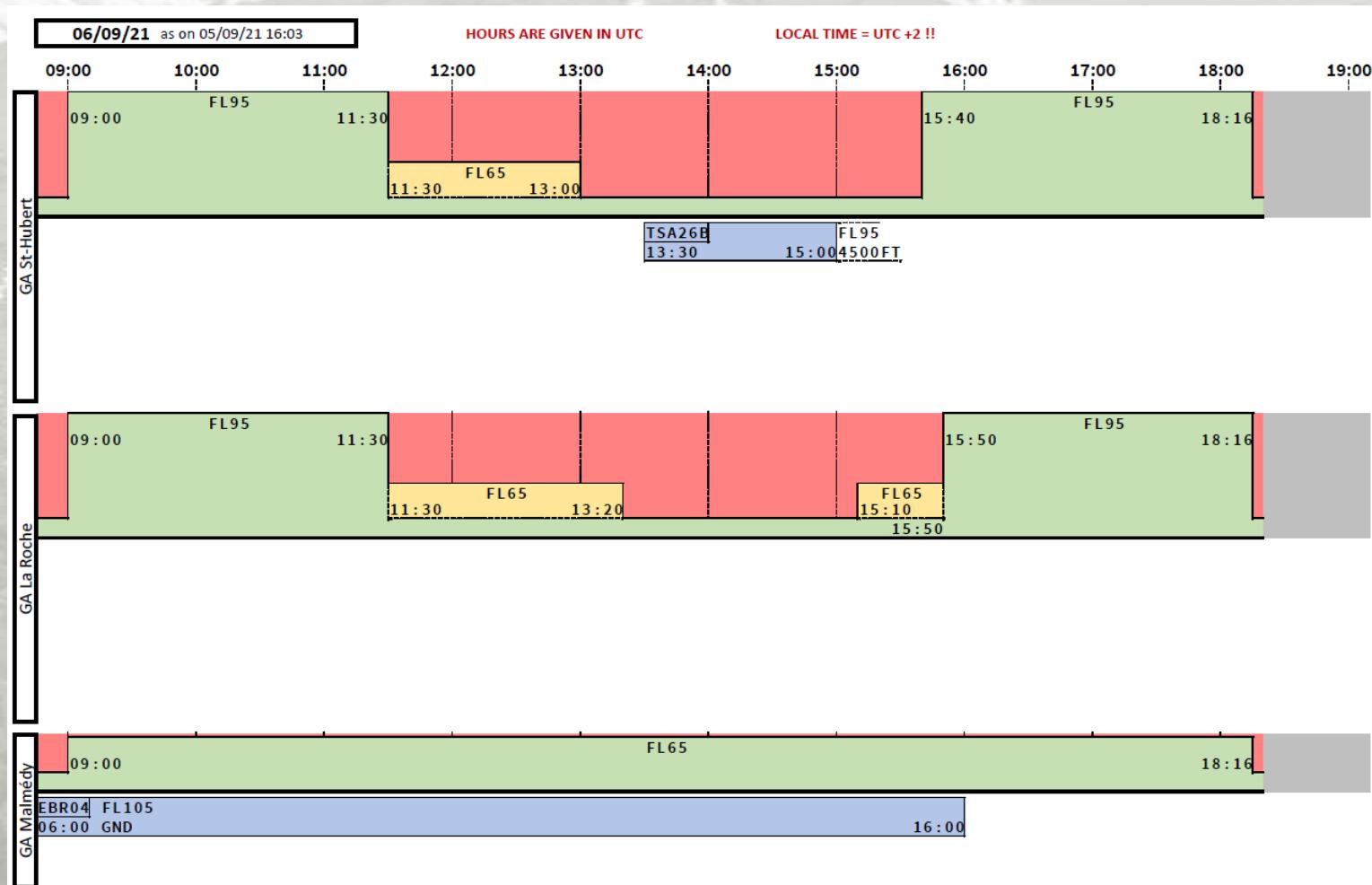
GLIDER AREA MALMEDY (1)(2)

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.			

Example!



Sometimes



Summer 2023 -> 2024?



Reminder: NOTAM = UTC!

B3220/23

From: 01 JUL 23 09:00 *Till:* 31 AUG 23 16:00

Schedule: MON-FRI 0900-1600 EXC JUL 21 AUG 15

Text: REF SUP 005/2023. GLIDER AREA **LA ROCHE ACT**

CONSULT SUP FOR APPLICABLE PROC.

TRANSPOUNDER NOT REQUIRED

Lower limit: 4500FT AMSL *Upper limit:* FL065

B3222/23

From: 01 JUL 23 09:00 *Till:* 31 AUG 23 16:00

Schedule: MON-FRI 0900-1600 EXC JUL 21 AUG 15

Text: REF SUP 005/2023. GLIDER AREA **MALMEDY ACT**

CONSULT SUP FOR APPLICABLE PROC. TRANSPOUNDER NOT REQUIRED

Lower limit: 4500FT AMSL *Upper limit:* FL065

B3287/23

From: 04 JUL 23 11:50 *Till:* 31 AUG 23 16:00

Schedule: MON-FRI 0900-1600 EXC JUL 21 AUG 15

Text: REF SUP 005/2023. GLIDER AREA **SAINT-HUBERT ACT**

CONSULT SUP FOR APPLICABLE PROC. TSA26B IS PERMEABLE FOR GLIDERS INSIDE GLIDER

AREA SAINT-HUBERT. TRANSPOUNDER NOT REQUIRED

Lower limit: 4500FT AMSL *Upper limit:* FL065

B3294/23 (Exemple de la première semaine de juillet)

From: 04 JUL 23 13:04 *Till:* 07 JUL 23 13:15

Schedule: JUL 04 1200-1315, 05 0800-0915 1200-1315, 06 1330-1500, 07 0800-0915 1200-1315

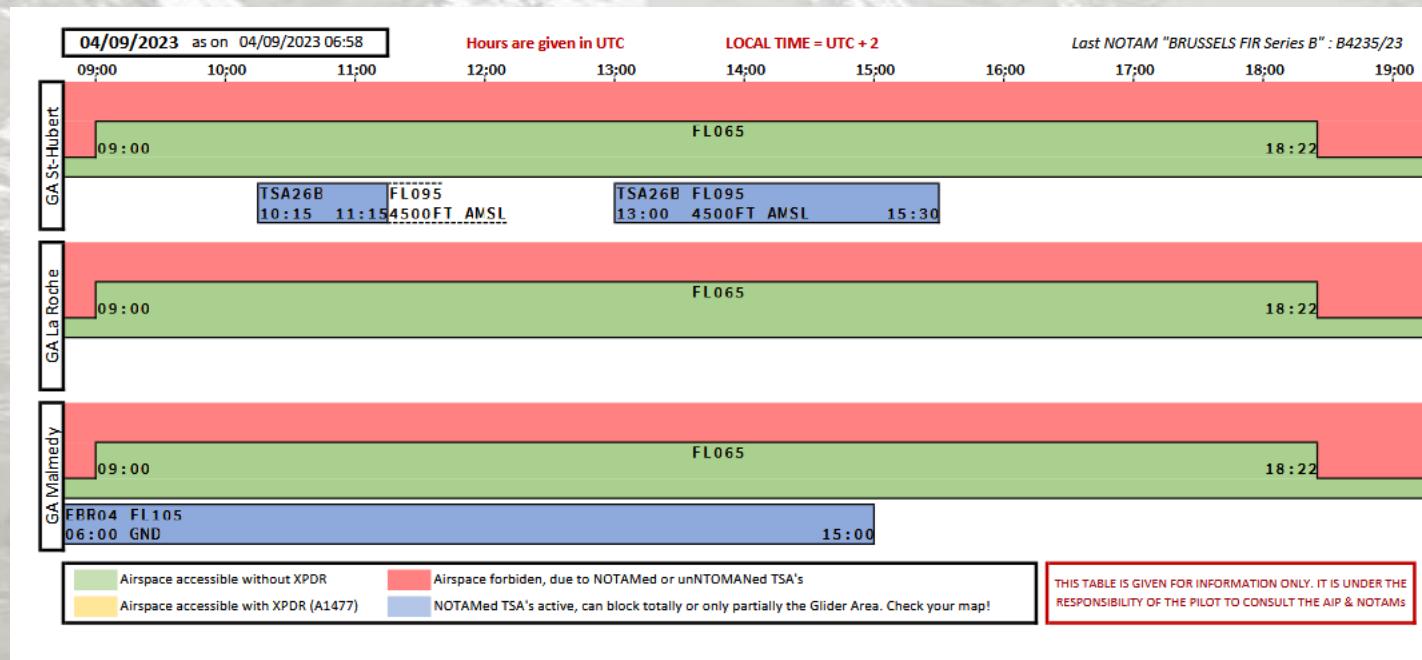
Text: TSA26B - ARDENNES 04 ACT

TSA26B IS PERMEABLE DURING ITS ACT FOR TRAFFIC INSIDE GLIDER AREA SAINT-HUBERT

WHEN ACT AND FOR ACFT IN EMERG

Lower limit: 4500FT AMSL *Upper limit:* FL095

This means...



EBR04 or other zones are NOT PERMEABLE

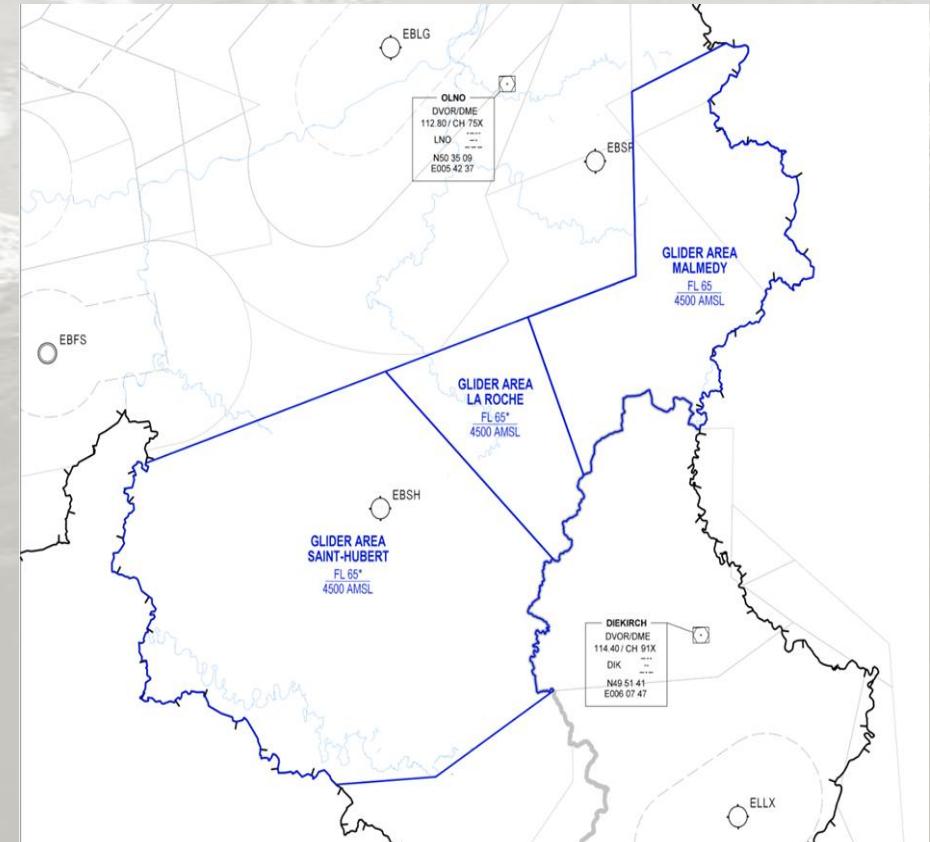
How GAA work?

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 (2023):

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



USE the Friendly AIR Tool to check details: <https://mids.be/fat/fat.php> Select GAA down the list!

GA – Saint-Hubert

- From 4500ft^{QNH} 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**

B4273/21

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

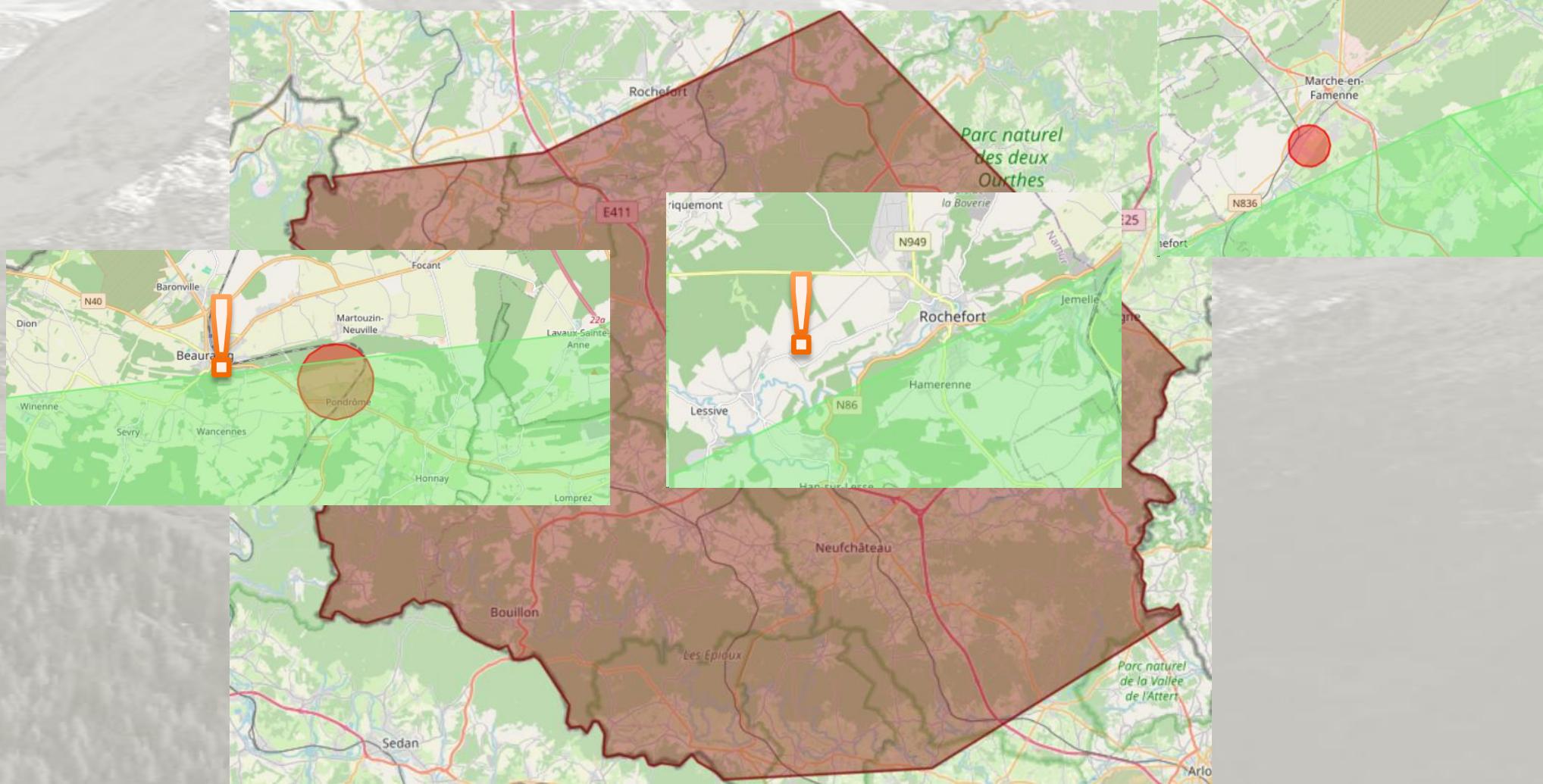
Text:REF SUP012/2021. GLIDER AREA SAINT-HUBERT ACT. CONSULT SUP FOR APPLICABLE PROC. TRANSPONDER (CODE A1477) REQUIRED
Lower limit:4500FT AMSL Upper limit:FL065

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

GA – Saint-Hubert



GA – La-Roche

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

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

- ~~TRANSPOUNDER REQUIRED~~
 - ~~Prohibited for all paragliders~~

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

- TRANSPOUNDER 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

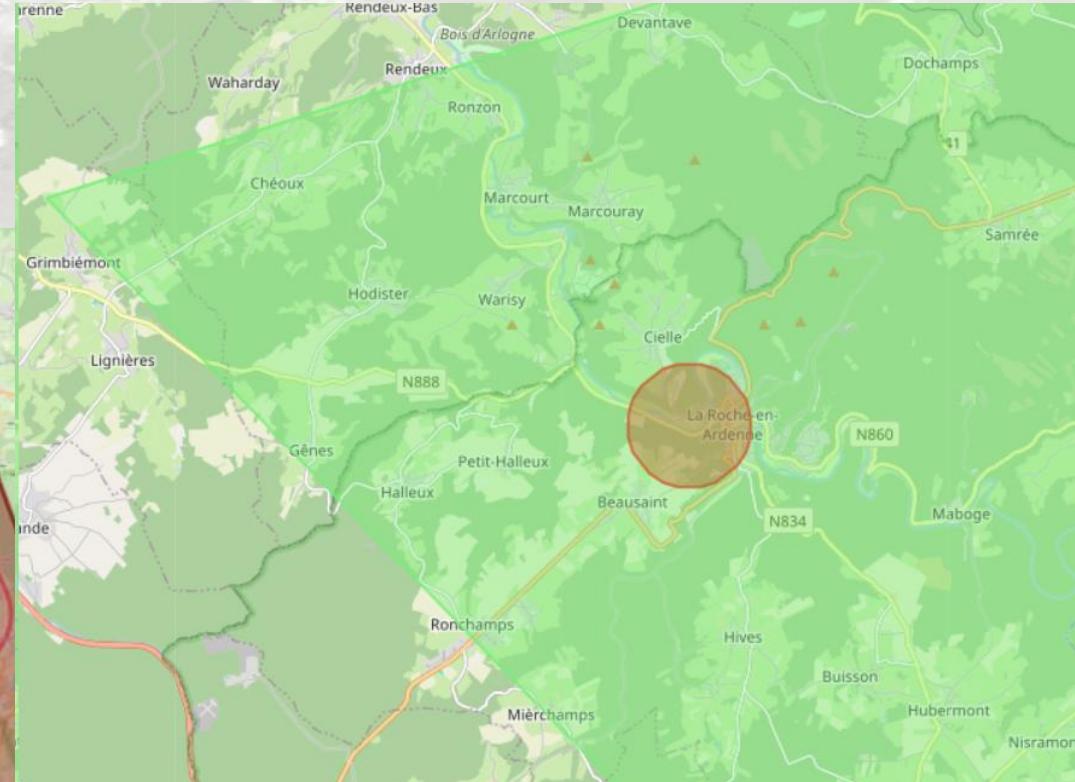
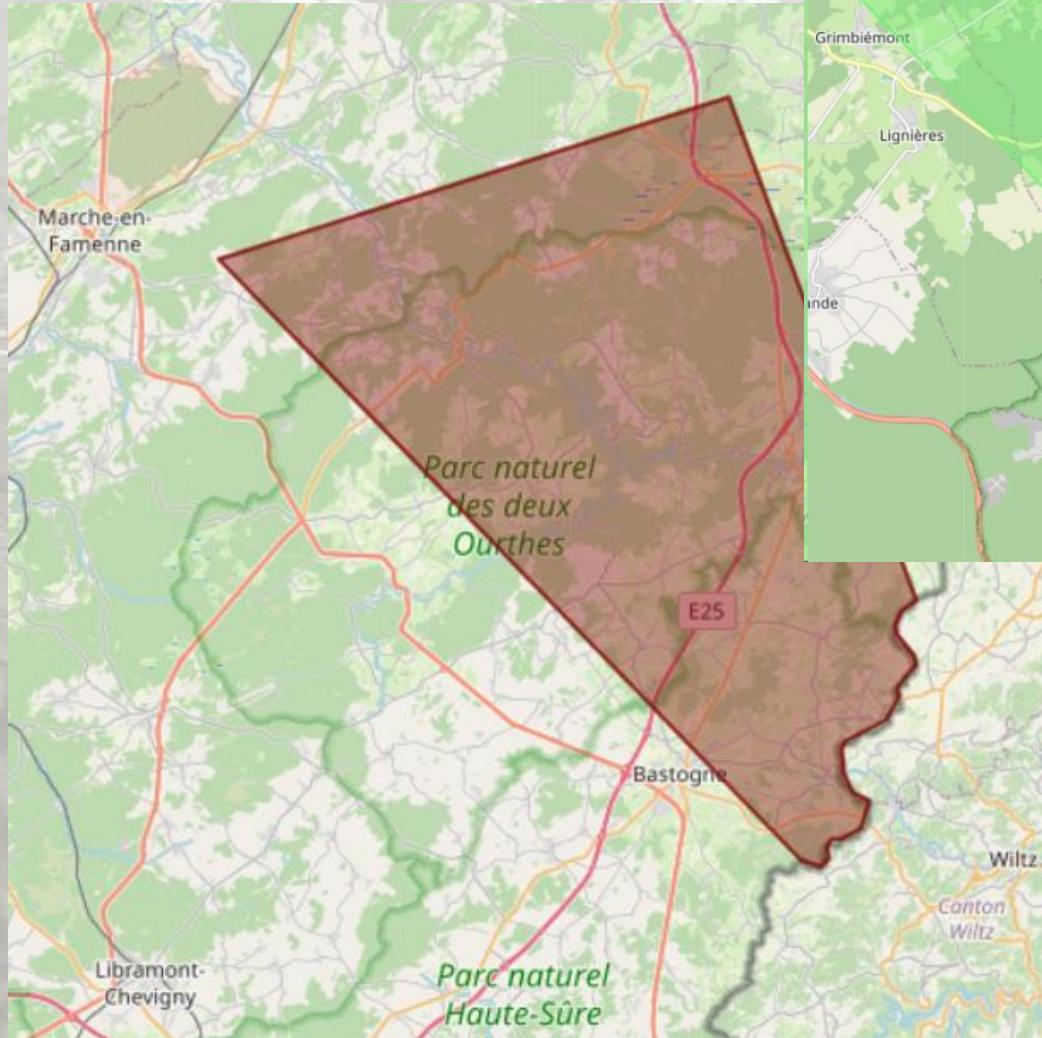
B3925/21

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
- Special restricted zones keep the priority

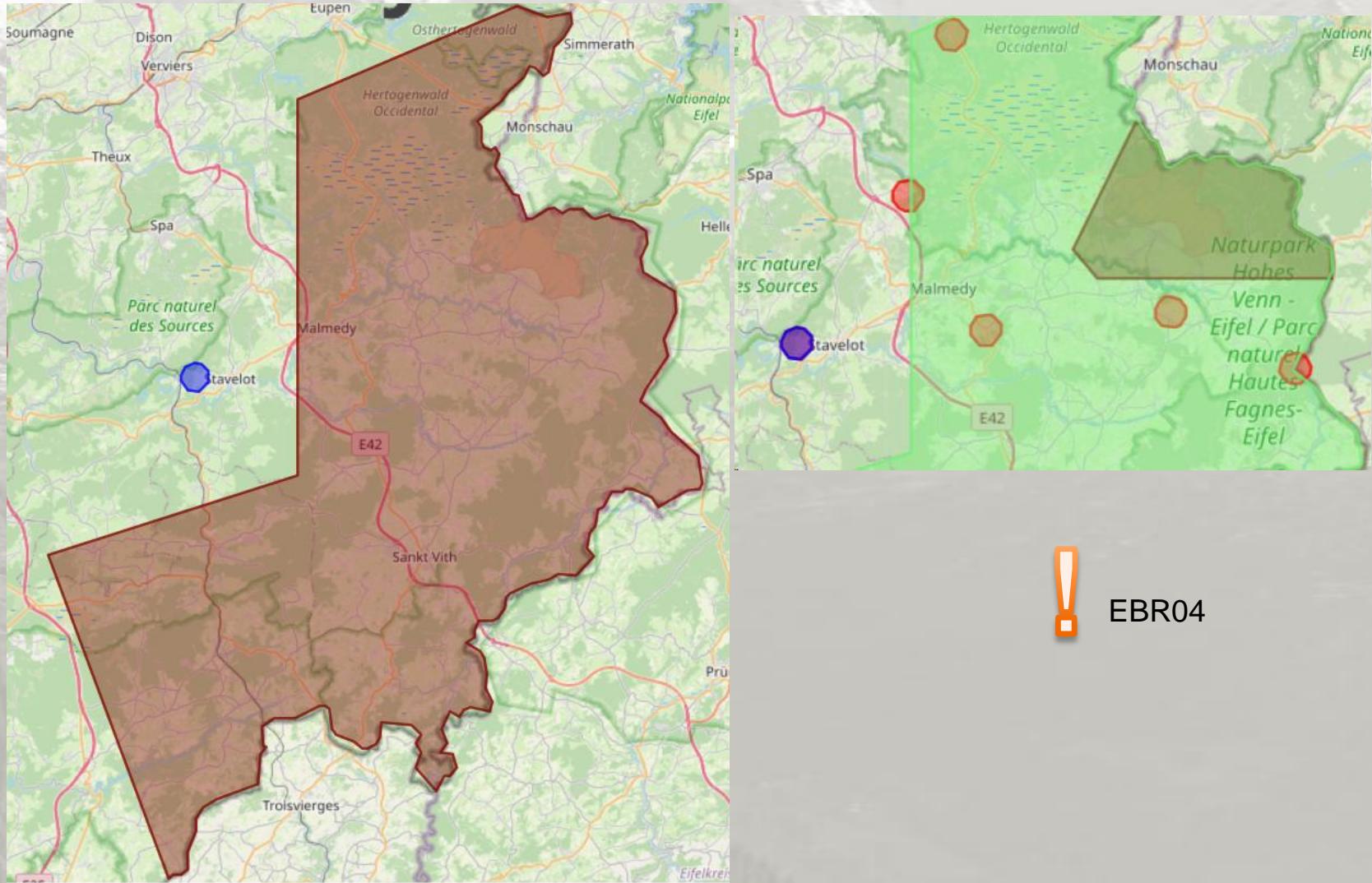
GA – Malmedy

- From 4500ft^{QNH} to **FL65** (included)
- Stay on EBSH frequency
- Check EBSH-Tower app notifications and messages
- No specification if Mil active or not
- Special zones such as EBR04 keep the priority

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, 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
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 - Skeyes – AIP – Notams
 - BPC Facebook group briefings
 - 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	Transponder Timeslot	Mandatory?	FL	Start Hour	Start Minutes	End Hour	End Minutes
GA Malmedy	Not Active	Add	<input type="checkbox"/>	<input type="checkbox"/>	95	12	0	16	00
			<input type="checkbox"/>	<input type="checkbox"/>	95	17	0	23	0
GA La Roche	TMZ Only	Add	<input checked="" type="checkbox"/>	<input type="checkbox"/>	65	11	0	11	50
			<input type="checkbox"/>	<input type="checkbox"/>	95	13	0	23	59
GA St. Hubert	TMZ Only	Add	<input checked="" type="checkbox"/>	<input type="checkbox"/>	65	10	0	11	50
			<input type="checkbox"/>	<input type="checkbox"/>	95	13	0	23	59
LFA G1	Active	Add	<input type="checkbox"/>	<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
GA St. Hubert	ACT	65	17:10	- 21:29
LFA G1	TMZ	65	11:00	- 13:30
LFA G2 South	ACT	65	17:10	- 21:29

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	Transponder	FL	Start Hour	Start Minutes	End Hour	End Minutes
		Timeslot	Mandatory?					
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 web

Send message to all GAA-XC pilots

The screenshot shows a web-based application interface. At the top, there is a navigation bar with links: "Update Golf Status", "Send Message", "Golf Status Log", "Message Log", "Members", and "Contact". Below the navigation bar, the main content area has a heading "Send Message to all pilots with EBSH Tower APP". Underneath this heading is a large, empty rectangular input field. Below the input field are two buttons: a blue "Send Message" button and a white "Request Confirmation" button with a small checkbox next to it. A red oval has been drawn around the "Request Confirmation" button and its associated checkbox.

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

Send Message to all pilots with EBSH Tower APP

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	<button>Show stats</button>
10/05/2021,	08:36:16	Message without need for confirmation	6	2	0	<button>Show stats</button>

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	<button>Show stats</button>
06/05/2021,	20:18:55	Testmessage without confirmation. Should work on 20210506v2.	7	7	1	<button>Show stats</button>

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-F4Q84HEHnn8G-BZq]	Pieter Baele	No Info	Not Confirmed	
[4IUKnGOl-N-hYhPXXFw3-y]	Lode prod	No Info	Not Confirmed	
[y4QAOwIMhAobQMq3q9YX53]	Bertrand Fontaine	OK 10/05/2021, 08:38:19	OK 10/05/2021, 08:38:19	Alt: 258m,50.4227122,4.9592597
[FCIzPAZVEwAkzrjXug8vW]	Q	No Info	Not Confirmed	
[TgGdinFeDFN02XQoobZKEE]	New lode	No Info	Not Confirmed	

Close

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, 21:39:19	Alt: 138m,51.2155843,4.42752
[FCIzPAZVEwAkzrjXug8vW]	Q	OK 06/05/2021, 20:43:18	OK 06/05/2021, 20:44:14	Alt: 286m,50.5011563,5.0050545
[y4QAOwIMhAobQMq3q9YX53]	Bertrand Fontaine	OK 06/05/2021, 22:04:19	Not Confirmed	
[vnZQ35D7u1nkv01W5u19U]	Berlon	OK 06/05/2021, 20:22:50	OK 06/05/2021, 20:25:43	Alt: 248m,50.422722,4.9592525
[6afNW-F4Q84HEHnn8G-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
[4IUKnGOl-N-hYhPXXFw3-y]	Lode prod	OK 06/05/2021, 20:19:16	OK 06/05/2021, 20:19:25	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

Your name has been registered in the system.
Thanks!

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:

Anatole Fontaine

REGISTER

Receive push messages:



Gliding Zones Info



PARABE-XC Live



OGN Live



Settings

→ Ready to go...

LFA-Golf status information for all!

The screenshot shows a mobile application interface with a dark-themed header and footer. The header contains the title "EBSH Tower" and a message "Last Update: No update available today." Below the header is a table showing gliding zone status. The footer features navigation icons for Gliding Zones Info, PARABE-XC Live, OGN Live, and Settings.

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: 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

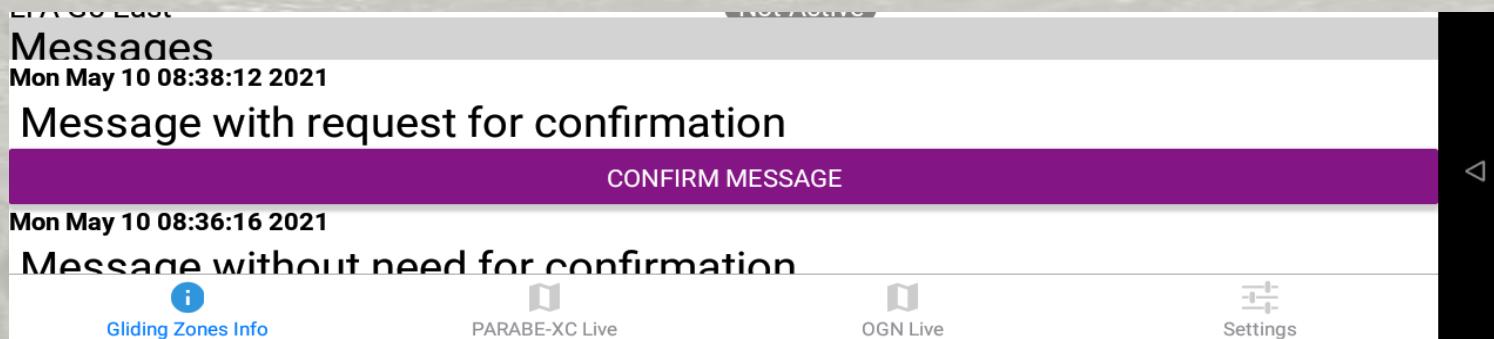
Gliding Zones Info PARABE-XC Live OGN Live Settings

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

The image displays two screenshots of the EBSH Tower software interface against a background of a snowy mountain landscape.

Screenshot 1 (Left):

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

Screenshot 2 (Right):

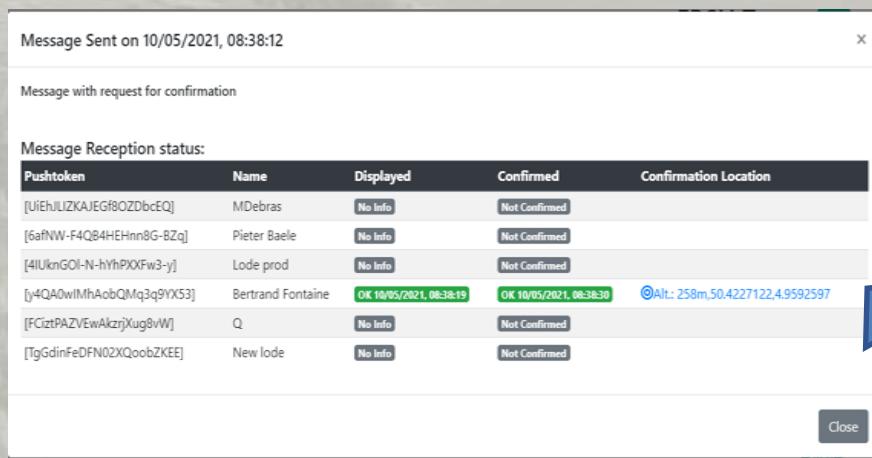
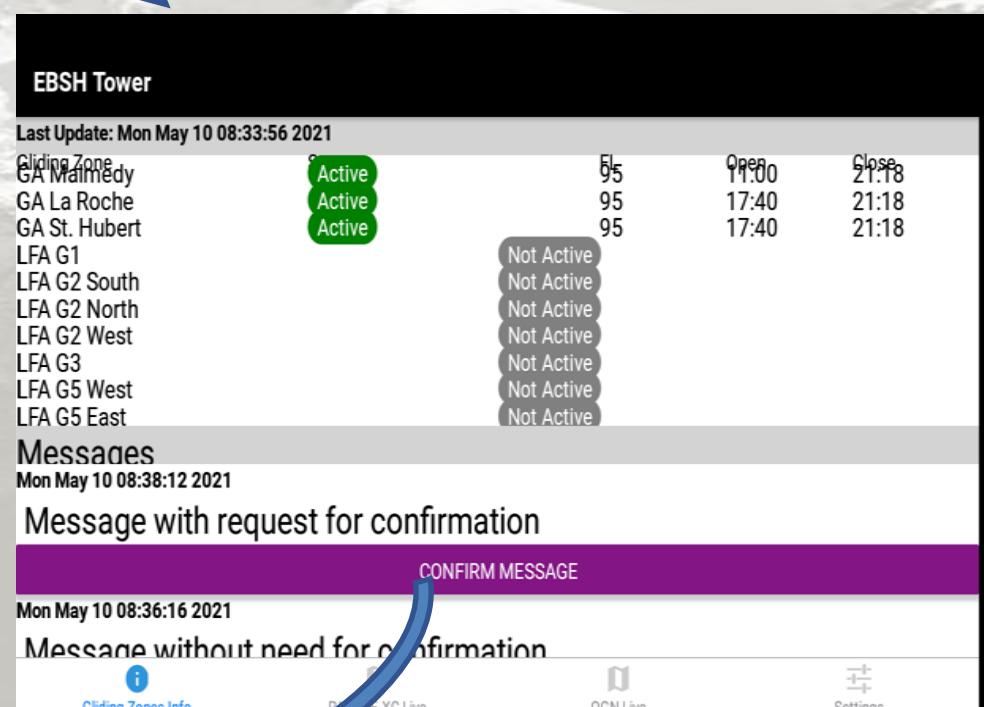
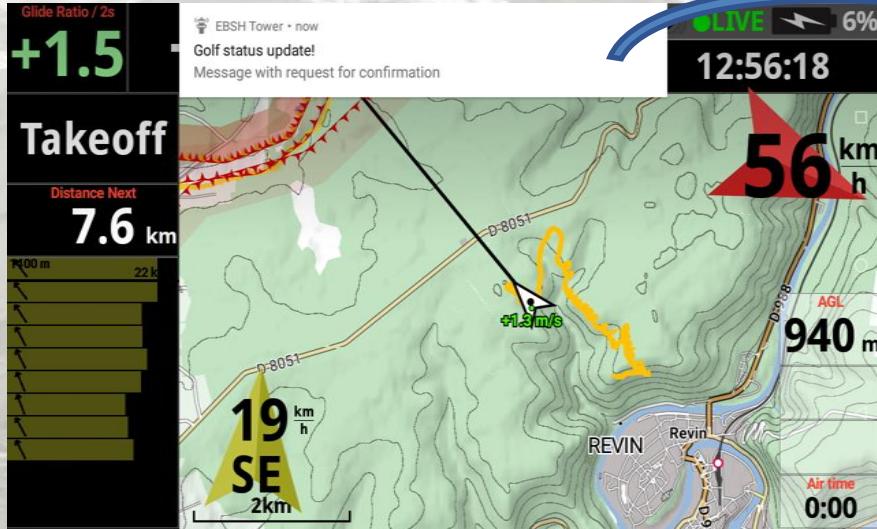
- EBSH Tower**
- Last Update: Tue May 18 21:20:30 2021
- Gliding Zone

	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
GA St. Hubert	ACT	75	10:00	- 22:50

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

→ GAA zones and LFA-G status WHEN EBSH set it up!

EBSH Tower app: notification while flying



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

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 10/05/2021, 08:38:12

Message with request for confirmation

Message Reception status:

Pushtoken	Name	Displayed	Confirmed	Confirmation Location
[UiEhJLIZKAJEG8QZDbcEQ]	MDebras	No Info	Not Confirmed	
[6afNW-F4QB4HEInn8G-BZq]	Pieter Baele	No Info	Not Confirmed	
[4lUknG0l-N-hYhPXFw3-y]	Lode prod	No Info	Not Confirmed	
[y4QA0wIMhAobQMq3q9YX53]	Bertrand Fontaine	OK 10/05/2021, 08:38:19	OK 10/05/2021, 08:38:19	@Alt: 258m,50.4227122,4.9592597
[FC1ztPAZVEwAkzrjXug8vW]	Q	No Info	Not Confirmed	
[TgGdinFeDFN02XQoobZKEE]	New lode	No Info	Not Confirmed	

[Close](#)

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, 21:04:19	@Alt: 138m,51.2155843,4.42752
[FC1ztPAZVEwAkzrjXug8vW]	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	
[vnZQ35D7uJnkv01W5u19U]	Berfon	OK 06/05/2021, 20:22:50	OK 06/05/2021, 20:25:03	@Alt: 248m,50.422722,4.9592525
[6afNW-F4QB4HEInn8G-BZq]	Pieter Baele	OK 06/05/2021, 21:51:16	Not Confirmed	
[UiEhJLIZKAJEG8QZDbcEQ]	MDebras	OK 06/05/2021, 23:11:26	OK 06/05/2021, 23:12:09	@Alt: 233m,50.3469916,5.4770337
[4lUknG0l-N-hYhPXFw3-y]	Lode prod	OK 06/05/2021, 20:19:16	OK 06/05/2021, 20:19:33	@Alt: 154m,51.2155852,4.4275253

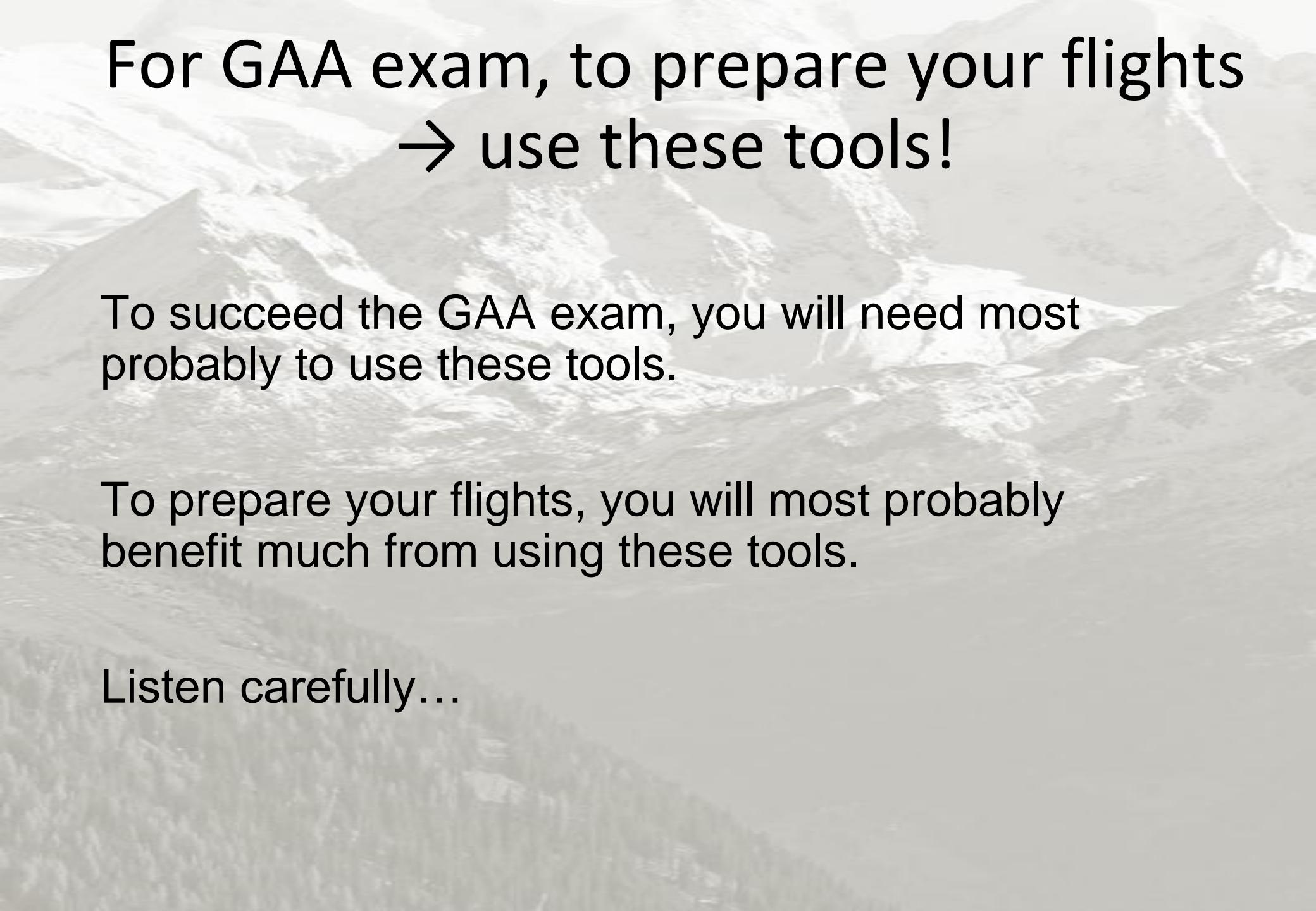
[Close](#)

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
 - Friendly Air Tool
 - Skeyes – AIP – Notams
 - BPC Facebook group briefings
 - Livetracking: XCTrack/Xcontest and Flymaster

- XC reminder
 - Altimetry
 - Airspaces
 - LFA Golf



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

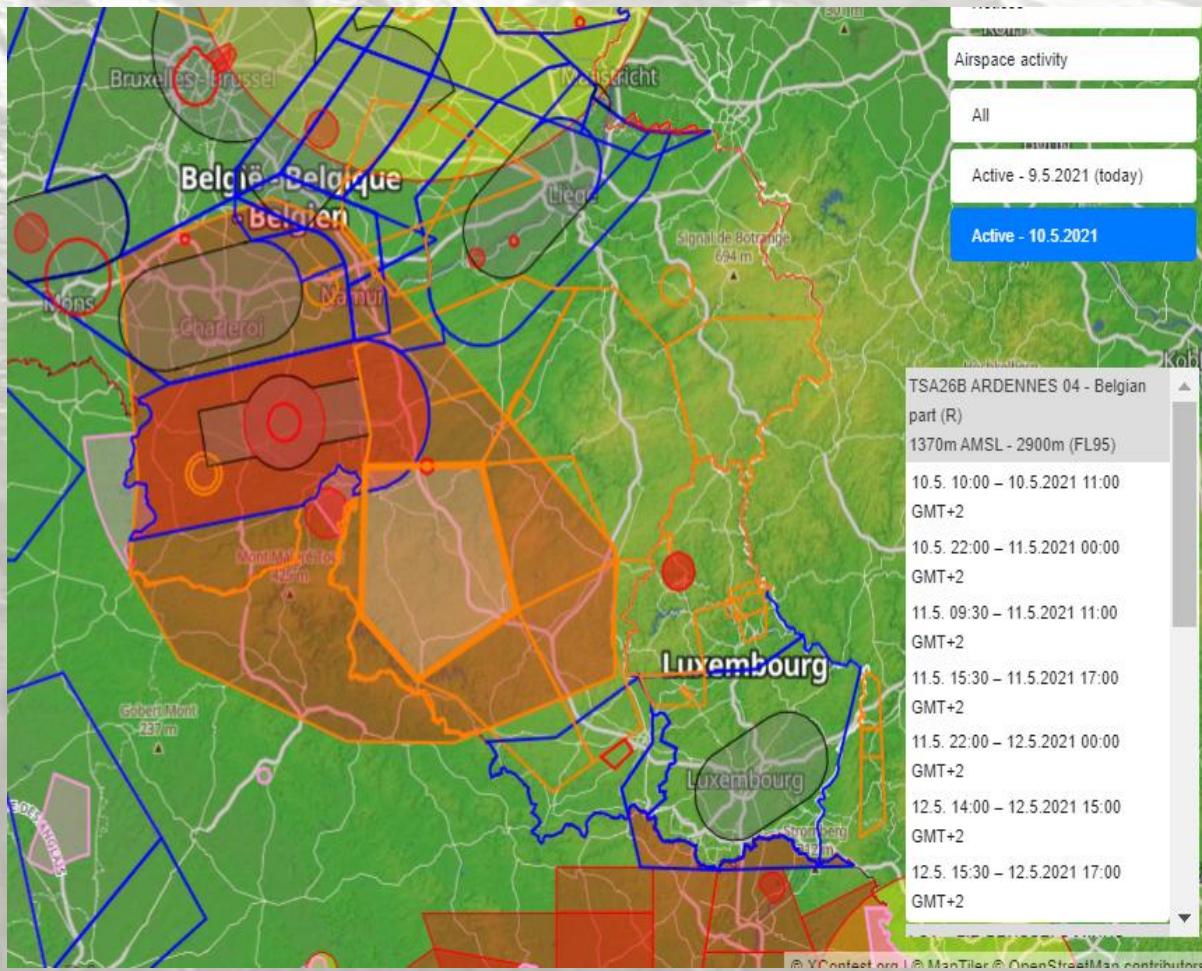
To succeed the GAA exam, you will need most probably to use these tools.

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 speaks rather fluently Notam

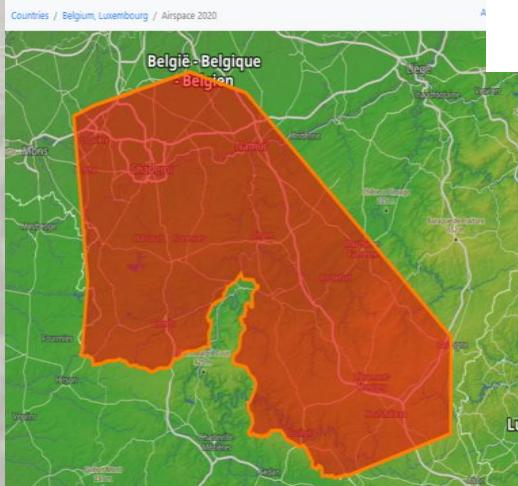
TSA26B 10.5. 10:00 -
12.5.2021 17:00
GMT+2

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) 2105100800
C) 2105121500
D) 10 0800-0900 2000-2200, 11 0730-0900 1330-1500 2000-2200, 12 1200-1300 1330-1500
E) EBTS26B 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



Upper limit: FL 9500
Lower limit: AMSL 4500
Categories: Free flying Powered flying
Airspace type: Restricted Glider area 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:

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 Zweefvliegclubs

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 ACT!

Low Flying Area G5W is NOT ACT

Low Flying Area G5E is NOT ACT!

Countries / Belgium, Luxembourg / AUPs

Automatic Overrides Operations Validity Processed NOTAMs

AUP link	Validity	Time spec	Deactivate	Source
E88R-CTA-S3	9.5.12:00 - 9.5.2021 21:19 GMT+2		✓	2021-05-09-LFAG2S
E88R-LCA-A-C	8.5.01:00 - 8.5.2021 21:18 GMT+2			2021-05-08-LFAG1
E88R-LCA-A-C	9.5.01:00 - 9.5.2021 21:19 GMT+2			2021-05-09-LFAG1
E88R-LCA-A-E	8.5.01:00 - 8.5.2021 21:18 GMT+2			2021-05-08-LFAG1
E88R-LCA-A-E	9.5.01:00 - 9.5.2021 21:19 GMT+2			2021-05-09-LFAG1

Free flying
Powered flying
Notices
Airspace activity
All
Active - 9.5.2021 (today)
Active - 10.5.2021

E88R-LCA-D (C)
2900m (FL85) - 5840m (FL195)
9.5.01:00 - 9.5.2021 21:19 GMT+2

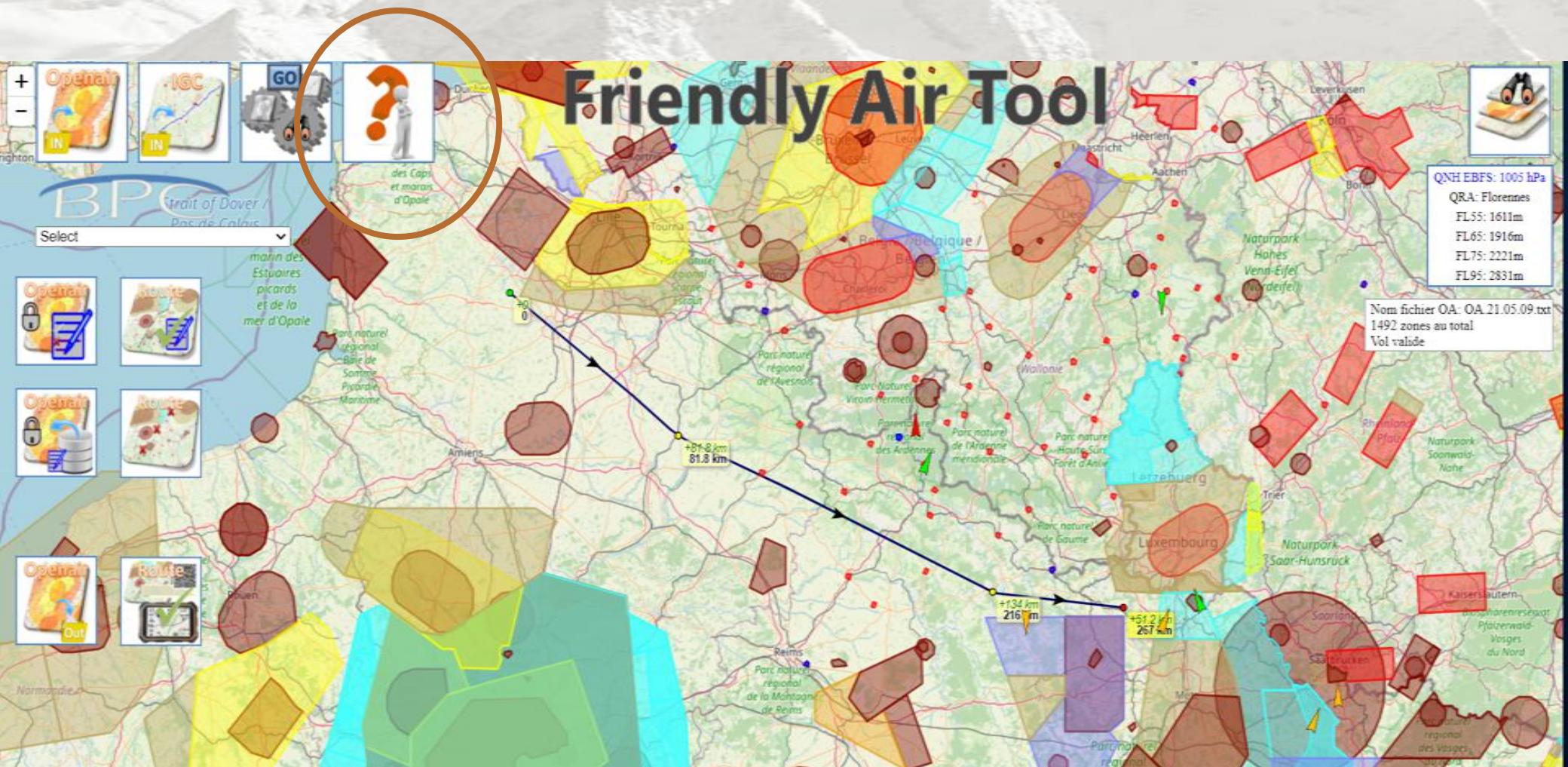
E88R-LCA-C-G5-W (C)
2290m (FL75) - 2900m (FL95)
9.5.01:00 - 9.5.2021 21:19 GMT+2

E88R-LCA-B-G2-S (C)
1680m (FL55) - 2290m (FL75)
9.5.01:00 - 9.5.2021 12:00 GMT+2

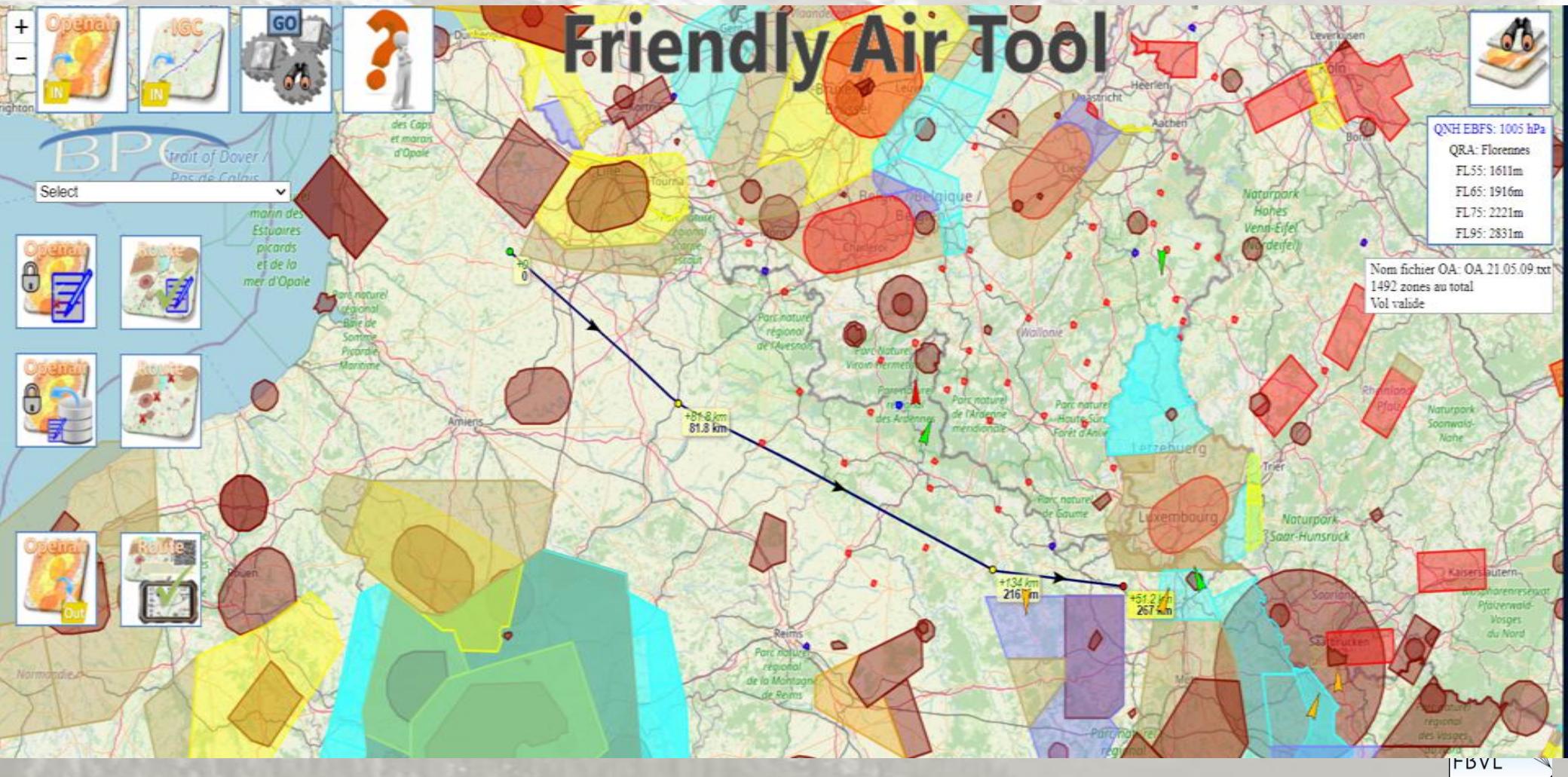
Warning

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

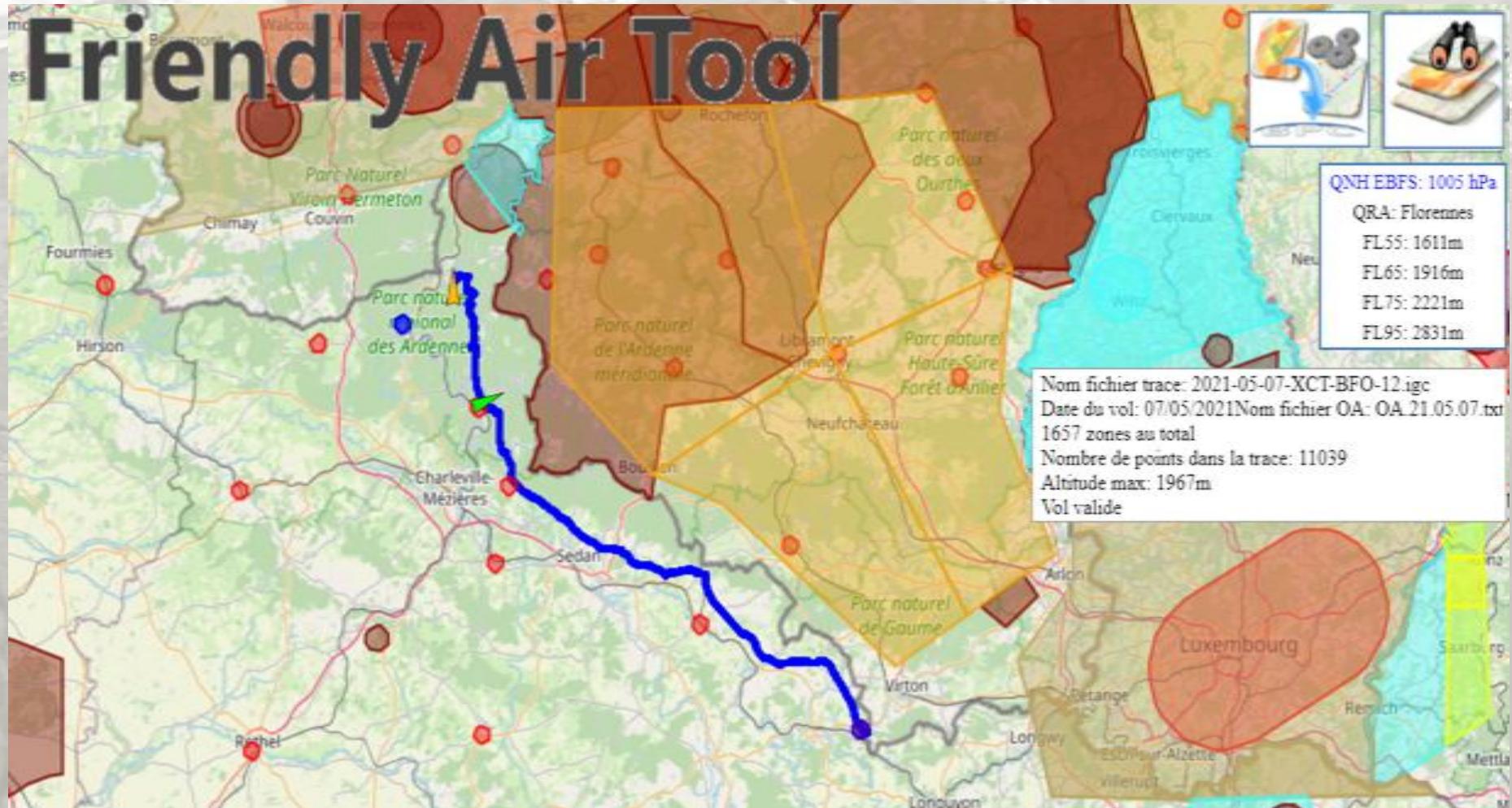
The « FAT » tool : how to use it?



The « FAT » tool : prepare the flight



The « FAT » tool : check the flight



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



6

- 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.
- 6: Deactivate/activate a given zone for multi-layers zones

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 RADAR NAVIGATION AIDS / SYSTEMS
• ENR 5 NAVIGATION WARNINGS
• ENR 6 EN-ROUTE CHARTS

-Part 3 AERODROME (AD)
• AD 0 INTRODUCTION
• AD 1 AERODROMES/HELIPORTS - INTRODUCTION
• AD 2 PUBLIC AERODROMES
• AD 2 MILITARY AERODROMES
• AD 2 PRIVATE AERODROMES
• AD 2 ULM AERODROMES
• AD 2 PERSONAL AERODROMES
• AD 3 HOSPITAL HELIPORTS
• AD 3 PRIVATE HELIPORTS
• AD 3 PERSONAL HELIPORTS

eAIP

BELGIUM & LUXEMBOURG

Consult NOTAM for latest information

Information on this eAIP Package

AMDT 007/2021

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

AIP Supplement Belgium and Luxembourg

Contact:
AIM Belgium
Control Tower
Tervurensesteenweg 303
1820 Steenokkerzeel
BELGIUM
AFS: EBVAYOYX
Email: aip.production@skeyes.be
URL: <https://ops.skeyes.be>

SUP
012/2021

Effective from
22 APR 2021
to 15 OCT 2021

Published on
08 APR 2021

AIMBelgium

GLIDER AREAS ARDENNES 2021

PIB Daily Warnings Sunrise/Sunset ATIS/VOLMET Obstacles NOTAM Summary

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 PIB must be made for each flight using the PIB tools provided.

5/8/2021 6/8/2021

Daily warnings PIB text Daily warnings PIB text

Daily warnings chart (PDF) Daily warnings chart (PDF)

Interactive daily warnings chart 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

BPC Facebook Group: communication channel to share info about airspace

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:

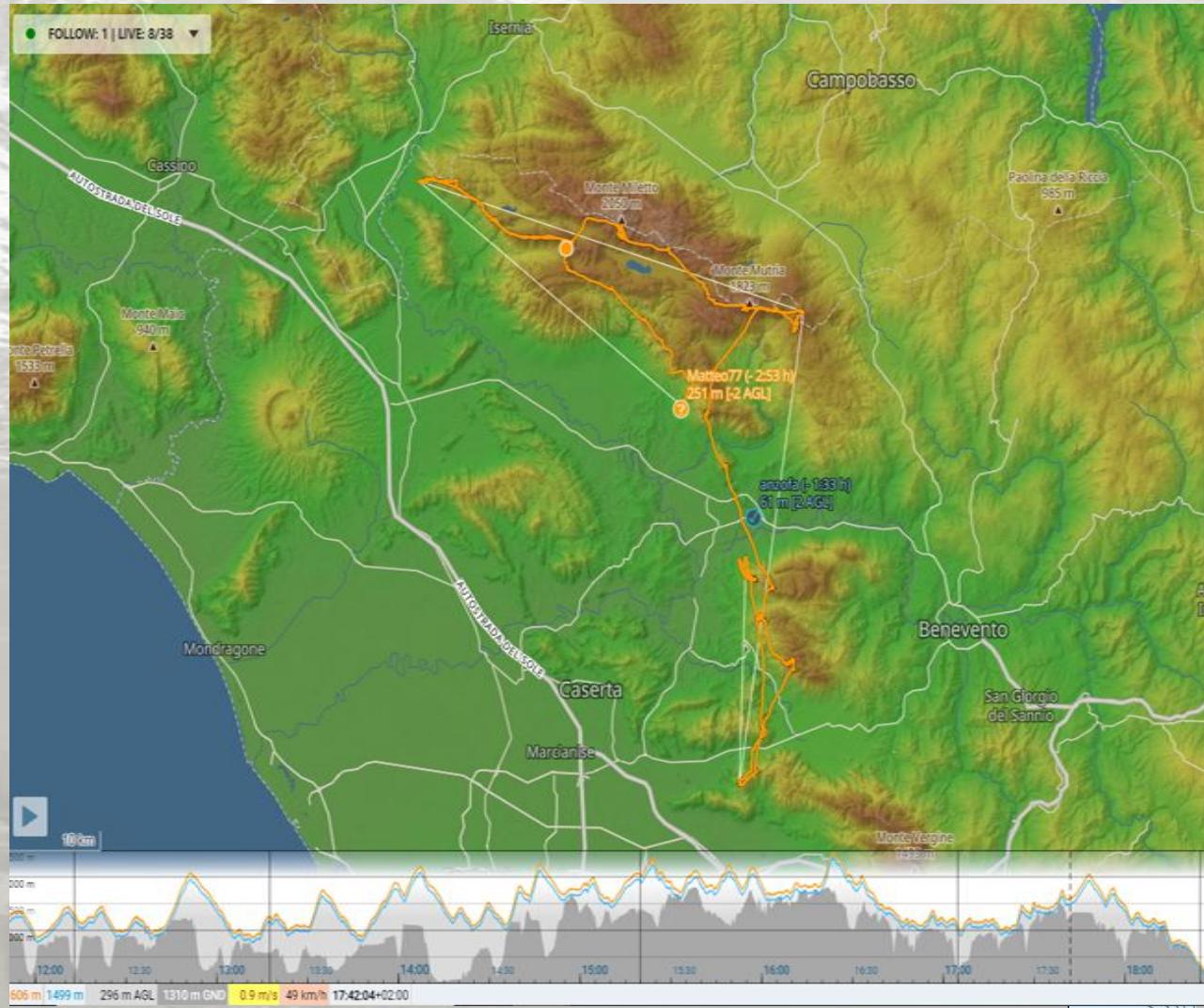
- *in the FAT tool*
- *on the FAT Google drive*
- *on airspace.xcontest.org*
- *in the XCTrack application (airspace visible with activation windows)*

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!

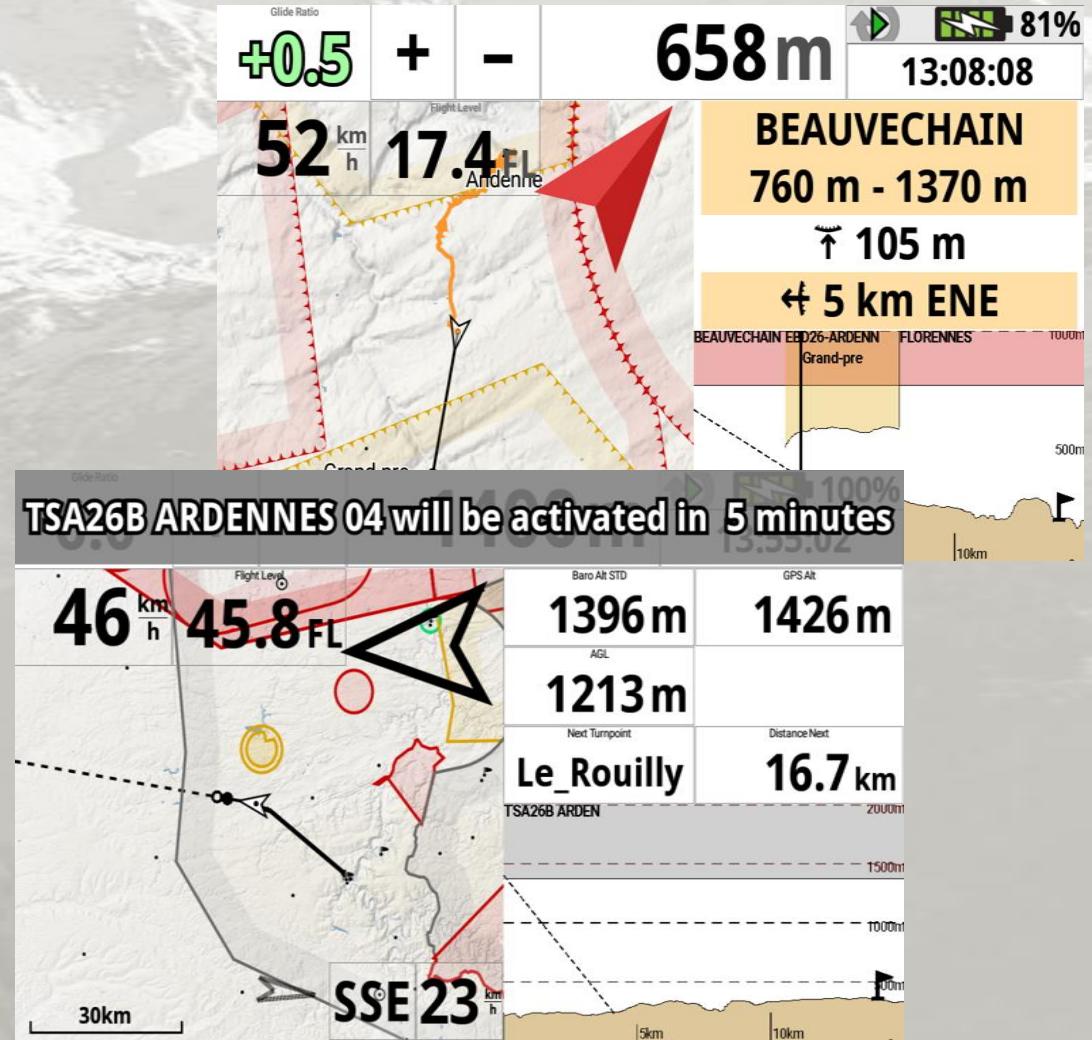
Livetracking: XCTrack/Xcontest - Flymaster

- *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*



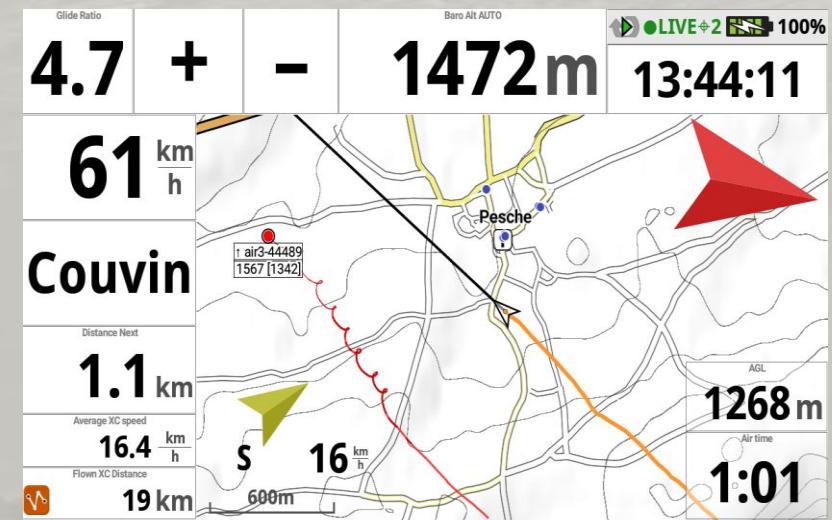
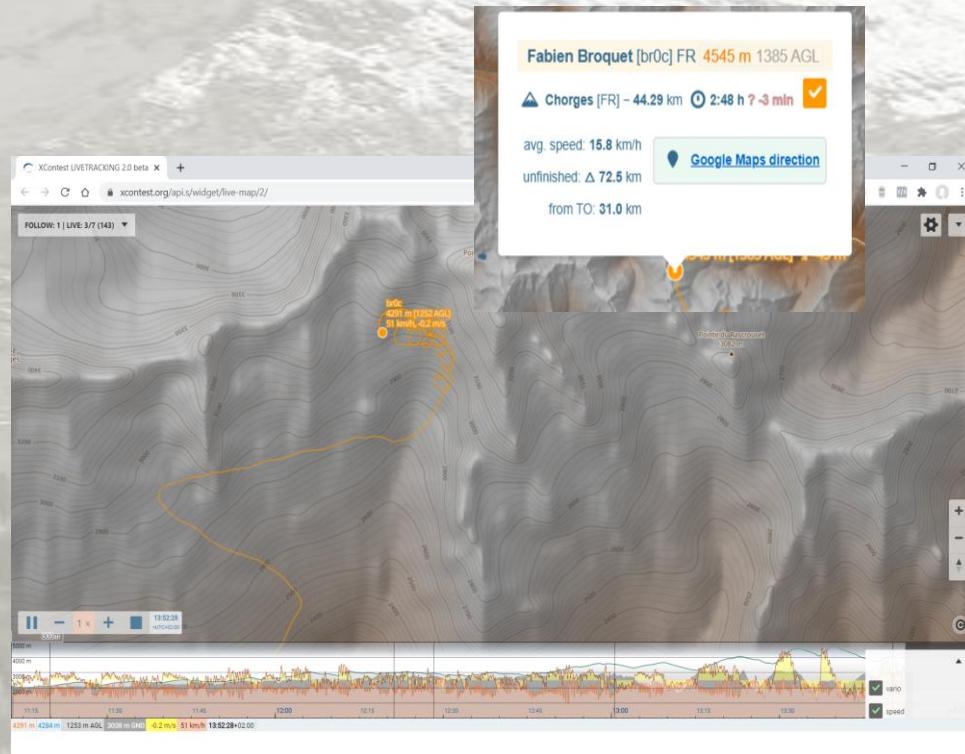
XCTrack (Pro): Flight instrument with advanced Airspace features

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



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
 - Friendly Air Tool
 - Skeyes – AIP – Notams
 - BPC Facebook group briefings
 - 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

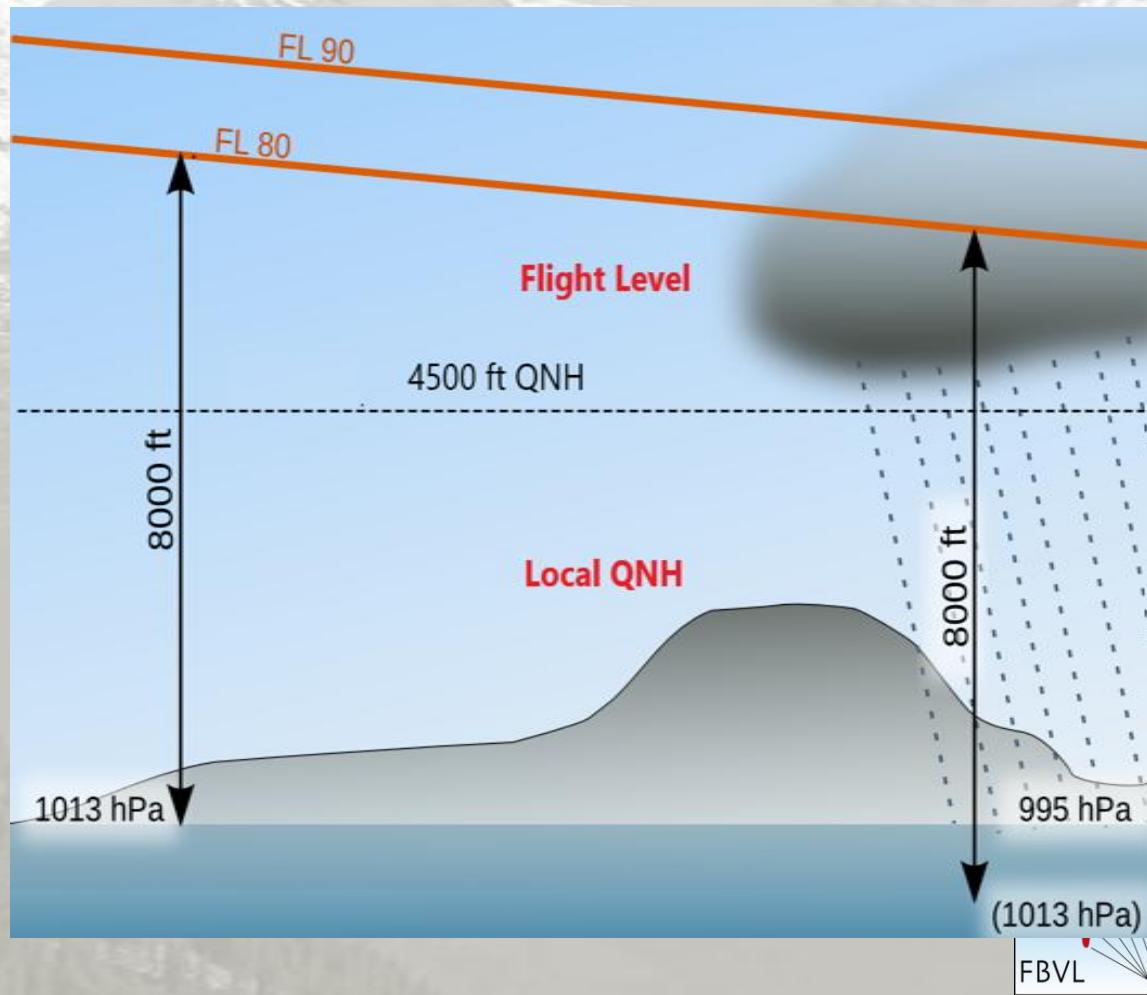
XC Reminder – Altimetry

- **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 (± 1372 m)



XC Reminder – Airspace

- The sky is classified from **Alpha** to **Golf 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
A	IFR only	all ACFT	ATC service	not applicable	yes	yes	yes
B	IFR	all ACFT	ATC service	not applicable	yes	yes	yes
VFR		all ACFT	ATC service	not applicable	yes	yes	yes
IFR	IFR from IFR						
	IFR from VFR		ATC service	not applicable	yes	yes	yes
C	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
D	IFR	IFR from IFR	ATC service includes traffic information about VFR flights (and traffic avoidance advice on request) and VFR from IFR and VFR to IFR separation (and traffic avoidance advice on request)	250 KIAS below FL 100	yes	yes	yes
VFR	NIL			250 KIAS below FL 100	yes	yes	yes
E	IFR	IFR from IFR as far as practical	ATC service, as far as practical, traffic information about VFR flights	250 KIAS below FL 100	yes	yes	yes
VFR	NIL		traffic information as far as practical	250 KIAS below FL 100	no ¹⁾	no ¹⁾	no
F	IFR	IFR from IFR as far as practical	air traffic advisory service, FIS if requested	250 KIAS below FL 100	yes ¹⁾	no ¹⁾	no
VFR	NIL		FIS if requested	250 KIAS below FL 100	no ¹⁾	no ¹⁾	no
G	IFR	NIL	FIS if requested	250 KIAS below FL 100	yes ¹⁾	no ¹⁾	no
VFR	NIL		FIS if requested	250 KIAS below FL 100	no ¹⁾	no ¹⁾	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:** Danger

Zone with potential dangers for crossing aircraft (keep sharp lookout!)

- **R:** Restricted

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

- **P:** Prohibited

Forbidden access zone!

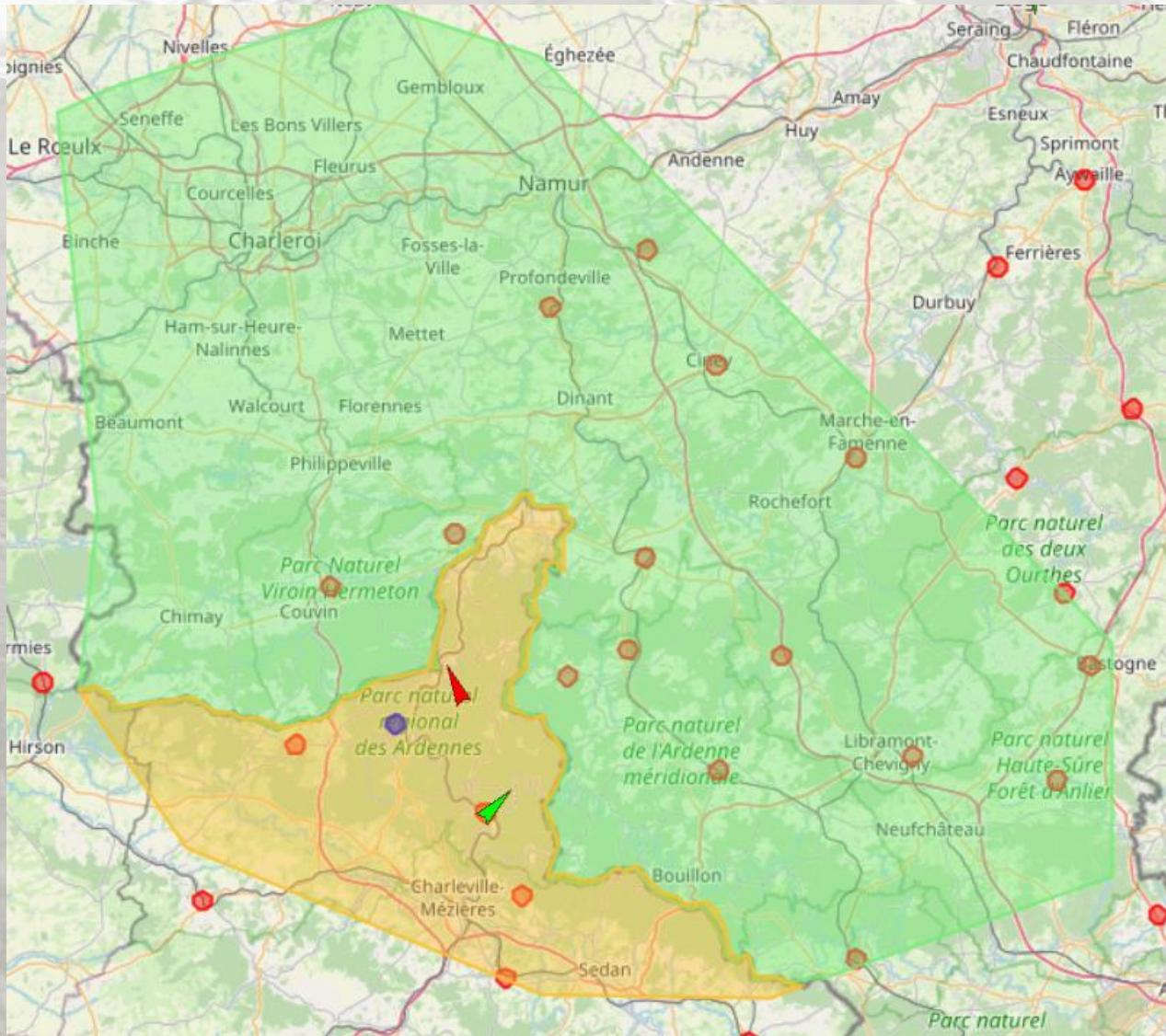
- **TMZ:** Transponder Mandatory Zone (forbidden for paragliders)
- **RMZ:** Radio Mandatory Zone (forbidden for paragliders)
- **ATZ:** Airfield Traffic Zone (forbidden* for paragliders)

* See AIP for each zones

XC Reminder – Airspace : LFA Golf

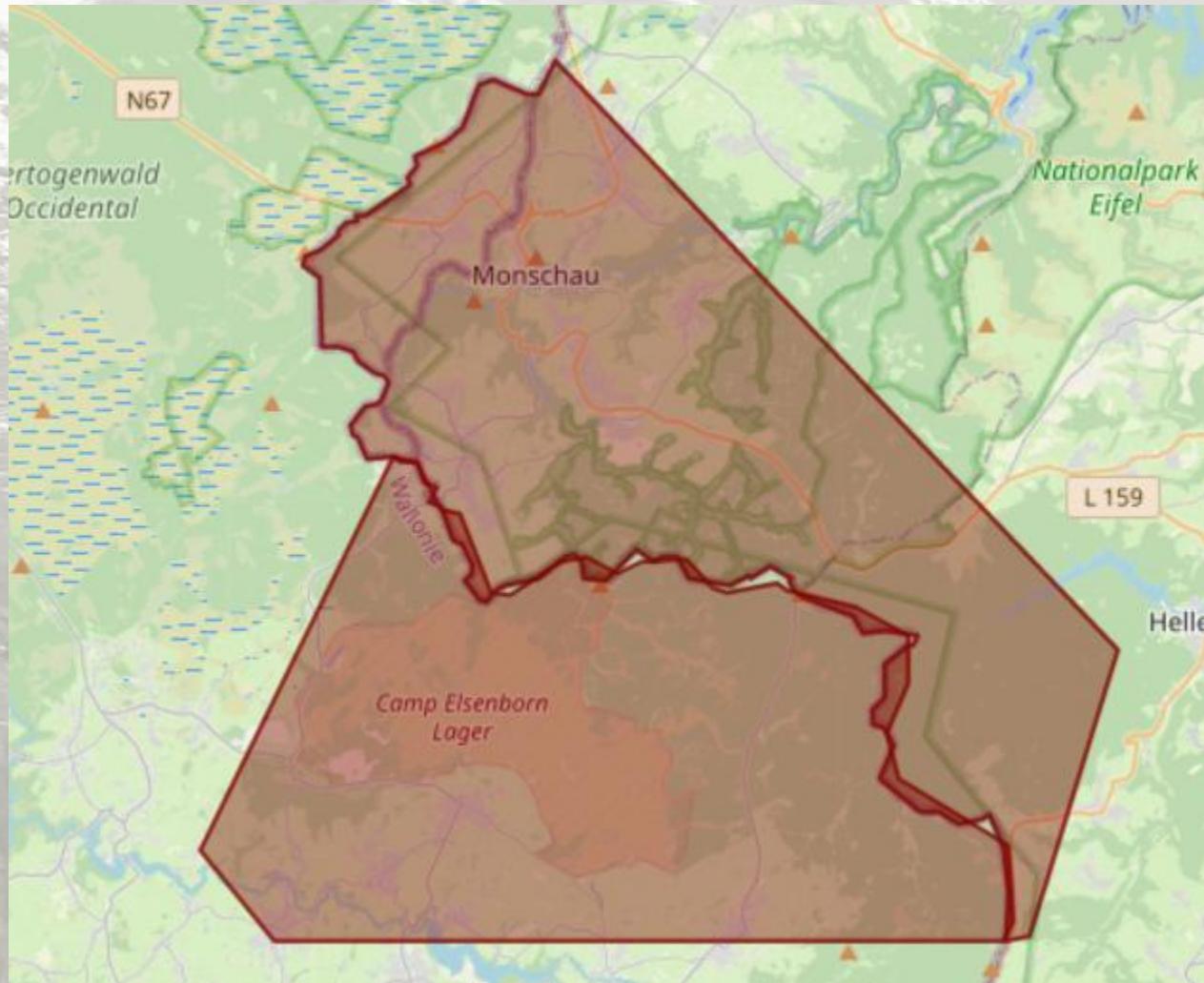
- Those are extended golf class airspace allocated by Skeyes to the glider community above 4500 ft^{AMSL} when Mil is not active
- Higher limit is « FL excluded ». This means we are not supposed to fly at that Flight Level.
 - **G1:** 4500ft^{QNH} – FL55 Excl. When MIL is not active
 - **G2:** FL55 –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

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



LFCBA 16B = FL65

XC Reminder – Significant zones: EBR04 & ED R117



Summary: how to be allowed to fly within the GAA's?

- Before the day of the flight
 - Always fly with Livetracking
 - Purchase a radio able to listen to EBSH
 - Get an Android device to run EBSH-tower app
 - Have received the GAA certificate number from FBVL
(Charter signed, exam succeeded, other conditions met)

Summary: how to be allowed to fly within the GAA's?

- The day of the flight
 - Check notam's to make sure GAA's are active and allowed
 - Keep flying with Livetracking
 - Listen to EBSH frequency
 - Run EBSH-tower app

QUESTIONS & ANSWERS

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 needed, 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

Information with this color is a variable and will be changed for the exam.

Examen GAA-XC 12/01/2024

Date: Nom du pilote:

- Numéro brevet XC:
- Utilisation du Livetracking pour tous mes vols:
DepuisType: 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.

Signature du pilote



Questions (1)

- A quelle heure locale théorique (en se basant sur l'AIP) puis-je décoller d'**Andenne** et monter jusqu'à **1000** m AMSL le **01/09/20240** , le **03/09/2024** et le **05/09/2024**?

.....

.....

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

.....

- Quelles sont les limites verticales de la **EBR04** ?

.....

- Quelle est la fréquence principale de la tour de **Florennes**?

.....

Questions (2)

- Quelle distance maximum puis-je effectué si je souhaite monter jusqu'à 1600m AMSL, vertical déco et effectuer un cross à la même hauteur dans un axe perpendiculaire au déco, dans le sens du vent, sachant que la TSA26B est active, la EBR04 est active, les GAA sont actives sans transpondeurs, en faisant max 100 KM? Indiquez 0 (Non autorisé) , 100 (aucune contrainte) ou le nombre de KM max depuis le déco si je suis arrêté à un moment donné dans mon projet.

Rochefort (N): La roche (NO): Coo (O): Fumay (O): Beauraing (N):
7Meuses (S): Andenne (NE): Prayon (NE): Maboge (SO): Revin (S):

- Lors du prochain jour ouvrable, quelles sont les zones militaires activables par notam, impactants nos vols potentiels en Wallonie (hors zones dangers) (si on pouvait voler ce jour là)?

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

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

Question (3)

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

Quelles sont les zones actives le **01/09** à (heure locale) **midi:** **15h15 :**

Questions (4)

- Le **31/08/2023**, sur base de l'espace aérien disponible dans le Friendly Air Tool, le QNH d'aujourd'hui, et avec les 3 GAA actives et autorisées aux ayants droit...., pour chaque site repris ci-dessous, indiquez dans la première colonne si je peux accomplir un vol de **40 km** (maximum) 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 ? Réponse: Oui ou Non.
- Pour les 4 premiers sites où il est possible d'effectuer ce vol, répondez aux questions suivantes:
 - Préciser si il est possible de maintenir **1800 m AMSL** durant tout le vol dans la troisième colonne en commençant vertical déco (Rép: Oui ou Non)
 - Si la réponse est Non à la question précédente, donnez une distance approximative pendant laquelle il est possible de maintenir cette altitude (à quelque moment du vol que ce soit).
 - Donner le nom des zones actives rencontrées potentiellement dans un axe de **+/- 30°** par rapport au cap donné (Y compris les zones danger).

	Vol 40K?	Entier?	# KM possible	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 Prayon, direction Sud/Ouest				
Depuis Revin, direction Nord-Est				
Depuis Fumay, direction Est				
Depuis Revin, direction Sud				

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 (5)

- Comment obtenir les 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, en démarrant vertical déco à Midi), sachant qu'une variation possible de 30° doit être prise en compte par rapport à la direction donnée (15° de chaque)? Dans la dernière colonne, 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-Nord-Est			
Depuis Beauraing, direction Sud			
Depuis Revin, direction Nod-Est			
Depuis Fumay, direction Est			
Depuis Prayon, direction Sud/Ouest			