



Airspace summary

Introduction

This document provides an overview the Czech, Slovak and Polish airspace relevant to the Euroglide 2012 itinerary. It will help participants to understand the airspace with an operational and a tactical perspective. It does not replace the formal sources like the AIP and AUP. The Euroglide organisation is not responsible for misinterpretations or inconsistencies with these formal sources. It is up to each pilot to verify the information supplied here. Pilots remain responsible for their own flight preparation.

Map color coding

On the map used in this document, areas marked red or blue indicate that proper cross country gliding is blocked. An area is "blocking" when there is less than 1000m AGL uncontrolled airspace left. Blue indicates permanent controlled airspace (TMA, CTR). Red indicates danger areas, prohibited areas or areas with a temporary nature. Yellow indicates a layer of uncontrolled airspace just less than 1000m AGL.

International flights

Flight plans are not required for non-commercial VFR-flights crossing the state borders of Germany, Slovakia, Poland and the Czech Republic (Schengen countries). The crossing of the border must take place in uncontrolled airspace.

Landing on an airfield with **custom facilities** is not required for Slovakia and the Czech Republik. Not sure about Poland (read the polish VFR guide ENR 1.2 for your personal interpretation).

The Air Defense Identification Zone (**ADIZ**) does no longer exist along the borders of Schengen states.

Generic airspace elements

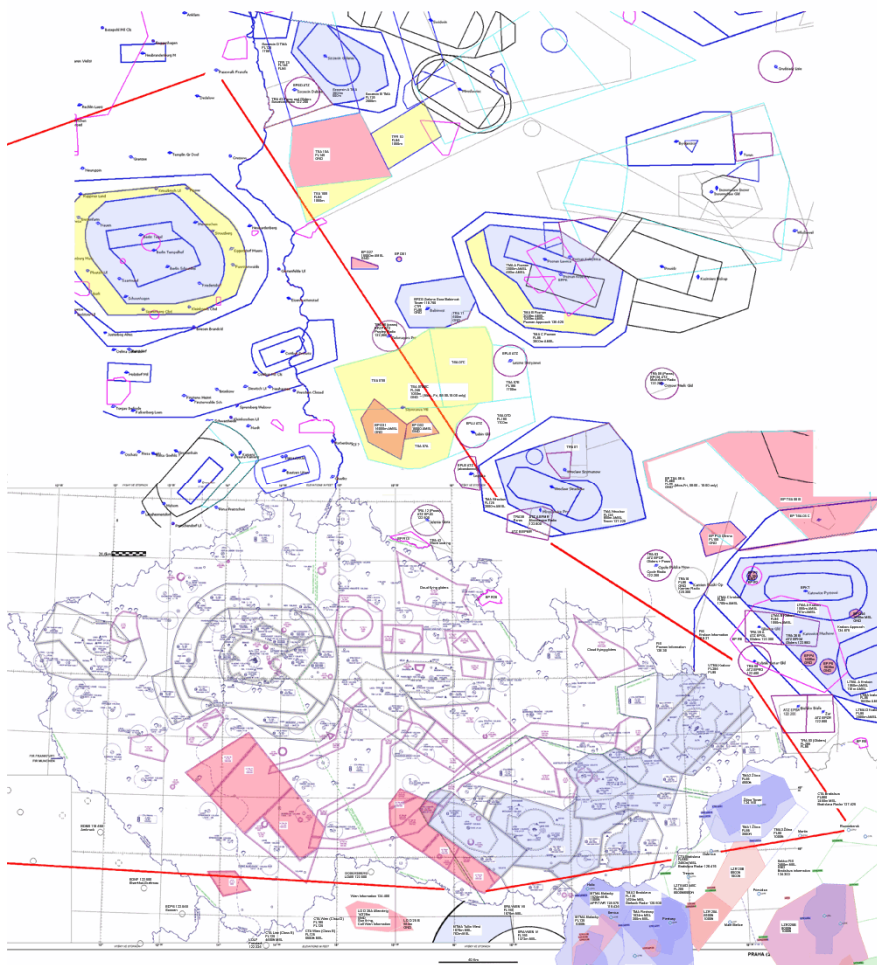
In general, the airspace classification of Poland, the Czech Republic and Slovakia are similar and aligned with ICAO standards. The differences and details for each country will be discussed below. Generic airspace elements for the three countries are.

TRA, Temporary Reserved Area. ATC clearance required for crossing. Activation as published on the AUP/UUP.

TSA, Temporary Segregated Area. Entry prohibited during activation. Activation as published on the AUP/UUP.

Airspace Usage Plan (AUP).

The TRA's and TSA's are so-called AMC Manageable areas. Their planned activity and conditions for use is published daily in the Airspace Use Plan (AUP). The AUP is published before 1400 UTC to cover the next day. The AUP can be updated by one or more Updated Airspace Use Plan (**UUP**), not later than 1 hour before planned changes become effective. The AUPs/UUPs are published on the web.



Czech Republic

Class E airspace

Class E airspace op to FL95.

TSA

Low level flying corridors (300 – 1000 ft AGL). Exclusive use by military. Maximum possible activation: Mon 06:00 until Fri 12:00 UTC

Restricted Area and Temporary Reserved Areas

Code	Name	Lower Limit	Upper Limit	Activation allowed	Activity	Contact
LKR 1	Boletice	GND	FL 410	H24	Shooting / OAT Flights	Praha Information
TRA76	Blatna	1000ft AGL	FL75	Tue, Wed, Thu	OAT Flights	Mil ACC
TRA77	Milevsko	1000ft AGL	FL245	Mon – Fri 13:00	OAT Flights	Mil ACC
TRA78	Veseli	1000ft AGL	FL75	Tue, Wed, Thu	OAT Flights	Mil ACC
		FL75	FL245	Mon – Fri 13:00		
TRA54	Znojmo	1000ft AGL	FL125	Mon – Fri 13:00	OAT Flights	Praha information Brno APP
TRA85	Brtnice	1000ft AGL	FL125	Mon – Fri 13:00	OAT Flights	Praha information
TRA50 TRA51		5000ft	FL245		Glider, cloud flying	

OAT = Operational Air Traffic (i.e. air force). Time in UTC.

Activation information: FIC Praha

Internet	http://aup.ans.cz	AUP, UUP
Telephone FIC Praha	+420 220 374 393	
Radio	FIS: Praha information, Brno Approach, Ostrava Radar	

AIS <http://ais.ans.cz/>

No registration required

➔ AUP

➔ AIP

➔ Interactive MAP "AISView"

➔ IBS (integrated briefing) - NOTAMS, Weather, etc

➔ This website also has a mobile version.

Frequencies

Area	Callsign	Freq	Remarks
Praha CTA (West)	Praha information	126.100	Class E up to FL95
Praha CTA (East)		136.175	
Brno CTA	Brno Radar	120.550	
Ostrava CTA	Ostrava Radar	125.100	
Namest MTMA	Namest Approach	118.150	
Brno TMA	Brno Radar	120.550	
Prerov TMA	Prerov Approach	127.775	Below FL65
	Brno Radar	120.550	Above FL65
Kunovice CTR	Kunovice Tower	120.100	Mon-Fri, 0700 - 1500
Ostrava TMA	Ostrava Radar	125.100	
Ostrava, CTR Mosnov	Mosnov Tower	120.800	
Ostrava, Mosnov	Mosnov ATIS	118.050	
	Praha Teren	124.45	Mil ACC, Mon-Fri, No English

Group frequencies

130.925	Air to air between gliders at x-country flights and recommended for aero tows outside the ATZ
122.250	Balloons and airships
121.00	Air to air between powered aircraft
125.825	Default for Ultralight fields without assigned frequency (for example "Letovice Radio")

Slovakia

Class G airspace

Class G up to 2450m ("Sektor FIS")

Area	Lower limit	Upper limit	Callsign and Freq.	Remarks
Sektor FIS	GND	2450m MSL	Bratislava information 124.300	Class G
CTA Bratislava - Sektor West	2450m MSL	FL 660	Bratislava Radar 126.475	Class C
CTA Bratislava - Sektor East	2450m MSL	FL 660	Bratislava Radar 127.425	Class C
MTMA Malacky	1000 ft	FL125 (northern part: 5000ft)	Malacky APP 129.575 / 119.425	Class D, No English Local info: APP not used, call TWR. English is ok.
MCTR Malacky (LZMC)	GND	5000 ft	Malacky Tower 129.575 / 119.425	Class D, No English Local info: English ok.
TMA Piestany	1000ft	5000 ft		
CTR Piestany	GND	5000 ft	Piestany Tower 125.450	
TMA2 Bratislava	5000ft	FL125	Štefanik Approach 120.900	On top of North Malacky and Piestany TMA
			Štefanik ATIS 128.650	Bratislava TMA and Štefanik CTR)
TMA 1 Zilina (NW)	3500ft	FL95	Žilina Tower 124.150	Class G (up to 8000ft) outside operating hours. "Weekend closed, Mon-Fri open"
TMA 2 Zilina (Center)	4500ft	FL95	Žilina Tower 124.150	Class G (up to 8000ft) outside operating hours
TMA 3 Zilina (East)	7000ft	FL95	Žilina Tower 124.150	Class G (up to 8000ft) outside operating hours

AMC manageable areas. Check AUP or FIS for activation

Area	Lower limit	Upper limit	Remark
LZ R20A	300m AGL	1981 m MSL	Military air training. H24 - Mon-Fri (excl hol) Run by SLIAČ (LZSL)
LZ R20C	GND	300 m AGL	
LZ R20B	300m AGL	1981 m MSL	
LZ TSA 02 ABC	6000ft/6500ft	FL205	Military air training. H24 - Mon-Fri (excl hol) Real time of activity information from Bratislava ACC. Penetration prohibited during time of activity.

AIS <http://ais.lps.sk/web/?fn=1&lng=en>

Register first (no costs)

→ AUP

→ Chart (interactive map)

→ Publications (AIP, Supplements, etc) ==> NOTAM (Notams)

AMC management cell: 00421 960463 579, 00421(045) 532-1817.

UAP (Mil, no login required)

<http://www.mil.sk/352/>

LZR20 activation history

When activated, LZR20 A and B are blocking your path. One could circumfly the area through the controlled Zilina TMA. We have monitored the activation of LZR 20 A, B and C.

Observations:

- If A activated, then also B activated and with a few exceptions, C also activated.
- Not activated during weekends (as allowed) and not activated on Mondays. Activation on Friday is rare.
- Activated only once in since April 26th

Blank cell	= No data available
X	= Activated
	= Not activated (or reserved by gliders)

Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Remarks
Feb 20								
Feb 27		X	X	X				
Mar 5		X	X					
Mar 12		X	X					
Mar 19		X	X	X				
Mar 26		X	X	X				Tuesday and Wednesday: AB only
Apr 2		X	X	X				Thursday: activated until 15:00
Apr 9			X	X				
Apr 16		X	X	X	X			Tuesday - Friday: activated until 15:00
Apr 23				X				Thursday: activated until 15:00
Apr 30								Tuesday = May 1st (holiday)
May 7								
May 14								
May 21								
May 28				X				Thursday: AB only
Jun 4								
Jun 11								

Time in UTC

Poland

Warszawa FIR EPWW

G or C class airspace (G up to max FL95)

FIS

Gdansk	Gdansk Information	127.150	+48 22 574 7485
Poznan	Poznan Information	126.300	+48 22 574 7385
Krakow	Krakow Information	119.275	+48 22 574 7585

Airspace elements

Restricted area	R	No sound waves or or exceeding the speed of sound not allowed. Not sure about starting the engine for motorgliders, see ENR 5.1.1
Danger area	D	Entry prohibited
Aerodrome Traffic Zone	ATZ	In general large and high (1700m). No specific rules for ATZ found.
Exercise Area	EA	Limits and type of restrictions published in the form of an AIP Supplement and, in special cases, in a Notam.
Military Air Route	MRT	Low level flying corridors, up to 2000ft high, approx 10 km wide.
TSA/TRA Feeding Route	TFR	Transfer routes (only present in the North)

Temporary Segregated Areas

TSA	Lower Limit	Upper Limit	Possible activation	
TSA 07 A, B, C	1050m	FL245		See activation history
TSA 07 A, B, C	GND	FL245	Mon-Fri 08:00-10:00 UTC	
TSA 07 D, E	5500ft	FL245		
TSA 06 A, B	GND	FL95	Mon-Fri 08:00-10:00 UTC	
TSA 06 A, B	FL95	FL245		
TSA 10 A	GND	FL145		
TSA 10 B	1050m	FL95		

TSA 07 activation history

TSA07 limits you to a ceiling of 1050 m MSL (approximately 950m AGL). As TSA 07 is directly on the Euroglide track and quite a large area, we have monitored the AUP for some time.

Blank cell	= No data available
X	= Activated
	= Not activated (or reserved by gliders)

Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Remarks
Feb 20					X			
Feb 27	X		X	X				Wednesday: activated after 13:00
Mar 5				X				Thursday: activated after 13:30
Mar 12		X	X					
Mar 19	X	X	X					
Mar 26	X		X	X				
Apr 2	X		X	X				
Apr 9			X	X	X			Friday: activated until 12:30
Apr 16	X	X	X	X				
Apr 23					X			
Apr 30								Tuesday = May 1st (holiday)
May 7	X	X	X	X				Monday and Tuesday: Activated after 14:30
May 14	X		X					Tuesday, activated above FL85.
May 21	X	X		X				
May 28					X			Tuesday activated until 11:00. Wednesday Gliders, controlled by Leszno. Thursday activated above FL85
Jun 4								Monday and Tuesday: Activated until 11:30 Wednesday: Gliders, controlled by Lubin
Jun 11								Tuesday activated until 12:00

time in UTC

Danger areas

Please note Danger areas are Prohibited in Poland. Some are AMC manageable.

Area	Name	Lower	Upper	Remark
D31	Zagan	GND	15000m	"Flights of aircraft other than performing tasks in the D area forbidden"
D32	Trzebien	GND	15000m	
D27	Wedrzyn	GND	15000m	
D51	Nietoperek k/ Miedzyrzecza	GND	2500m	

Temporary reserved areas

Many TRAs are on top of ATZs (1700m +) and run by the local Aeroklub (Gliding, Paras, corridors through TMA, etc) "ATC clearance required for crossing." Please note English is not guaranteed (except Zielona Gora Tower)

TRA	Control/Info	Freq	Lower limit	Upper limit	Detail
TRA03A TRA03B	ZAR Radio	122.800	FL95 FL95	FL225 FL135	Glider flights area
TRA07	Szymanow Radio	122.800	div	div	Glider airspace corridors within Wroclaw TMA for Szymanow airfield
TRA08	Rybnik Radio	122.400	1700m	FL95	Gliders?
TRA12	Jelenia Gora Radio	122.900	2000m	FL95	Para jumping
TRA14	Kobylnica radio	122.900	500m	2000m	In Poznan TMA
TRA16	Kamien Radio	120.300	GND	FL95	
TRA17	Zielona Gora Tower	118.750	GND	500m	In Zielona Gora Babimost CTR.
TRA26A	Gliwice Radio	122.300	1050m	FL95	Glider flights in Katowice/Krakov TMA
TRA26B	Katowice Radio	122.900	1050m	FL95	Glider flights in Katowice/Krakov TMA
TRA39A	Mirowslawice Radio	122.600	650m	FL175	Para jumping. Located in (under) Wroclaw TMA
TRA39B	Mirowslawice Radio	122.600	1700m	FL175	Para jumping. Located in (under) Wroclaw TMA
TRA42	Jelenia Gora Radio	122.900	GND	FL235	Wave gliding
TRA43	Szczecin radio	122.200	1700m	FL95	Gliding and para jumping
TRA46	Przylep Radio	122.800	1700m	FL135	Para jumping
TRA63	Opole Radio	122.200	1700m	FL95	Glider flights and Para jumps

TMAs and CTRs

Area	Callsign	Freq	
Krakov TMA	Krakov Approach	134.675	
Poznan TMA	Poznan Approach	135.525	
Szczecin TMA	Szczecin Tower	121.250	
Wroclaw TMA	Wroclaw Tower	127.225	
Drewitz TMA	Berlin Radar	132.700	Class E, 2500ft – FL85
Zielona Gora - Babimost CTR (EPZG)	Zielona Gora Tower	118.750	GND – FL95

Football championships

None of the published restrictions for the European football championships has an impact on Euroglide. The areas are either too far from the Euroglide track or not during Euroglide. One restricted area is rather close to the track and plotted on the map (EP R119), near Poznan, active from 28 June until 2 July.

The process for checking the Polish airspace is

- 1) Check the AUP en UUP for activated TSAs and TRAs along your track.
- 2) If any EAs listed in the AUP, the area must either be in a supplement or published in a Notam.
- 3) Check notams
- 4) If MRT's activated (in the AUP), the most convenient way to find out their location is using the interactive map on <http://www.amc.pansa.pl>

Airspace Management Cell (AMC) <http://www.amc.pansa.pl>

- Select english

➔ Current Airspace Usage Plan (AUP)- list / AUP for tomorrow - list

➔ Charts/Elements of airspace/AUP (interactive map)

Aeronautical Information Service (AIS) <http://www.ais.pansa.pl/>

- Register first (no costs)

➔ VFR Guide

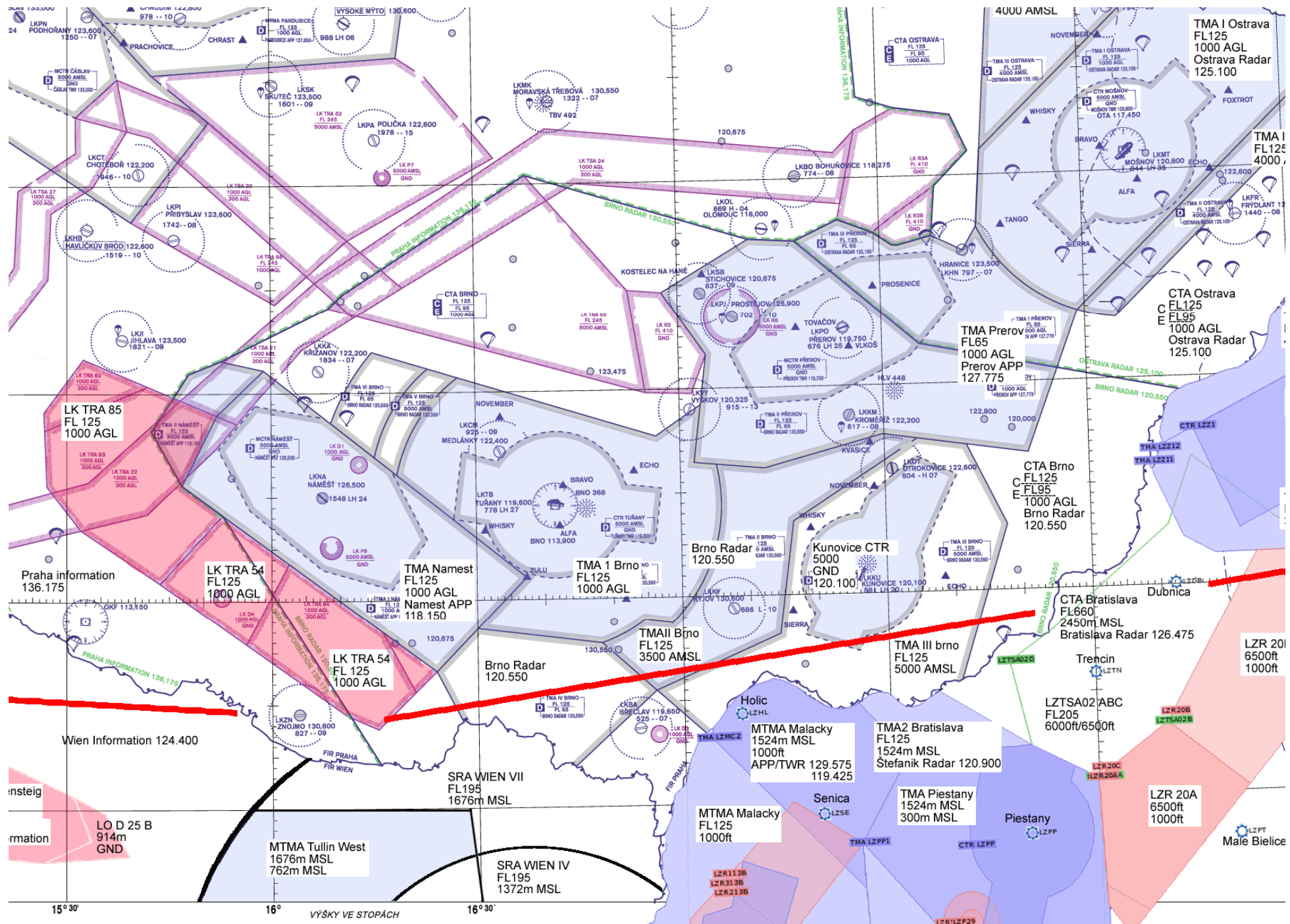
➔ AIP, etc

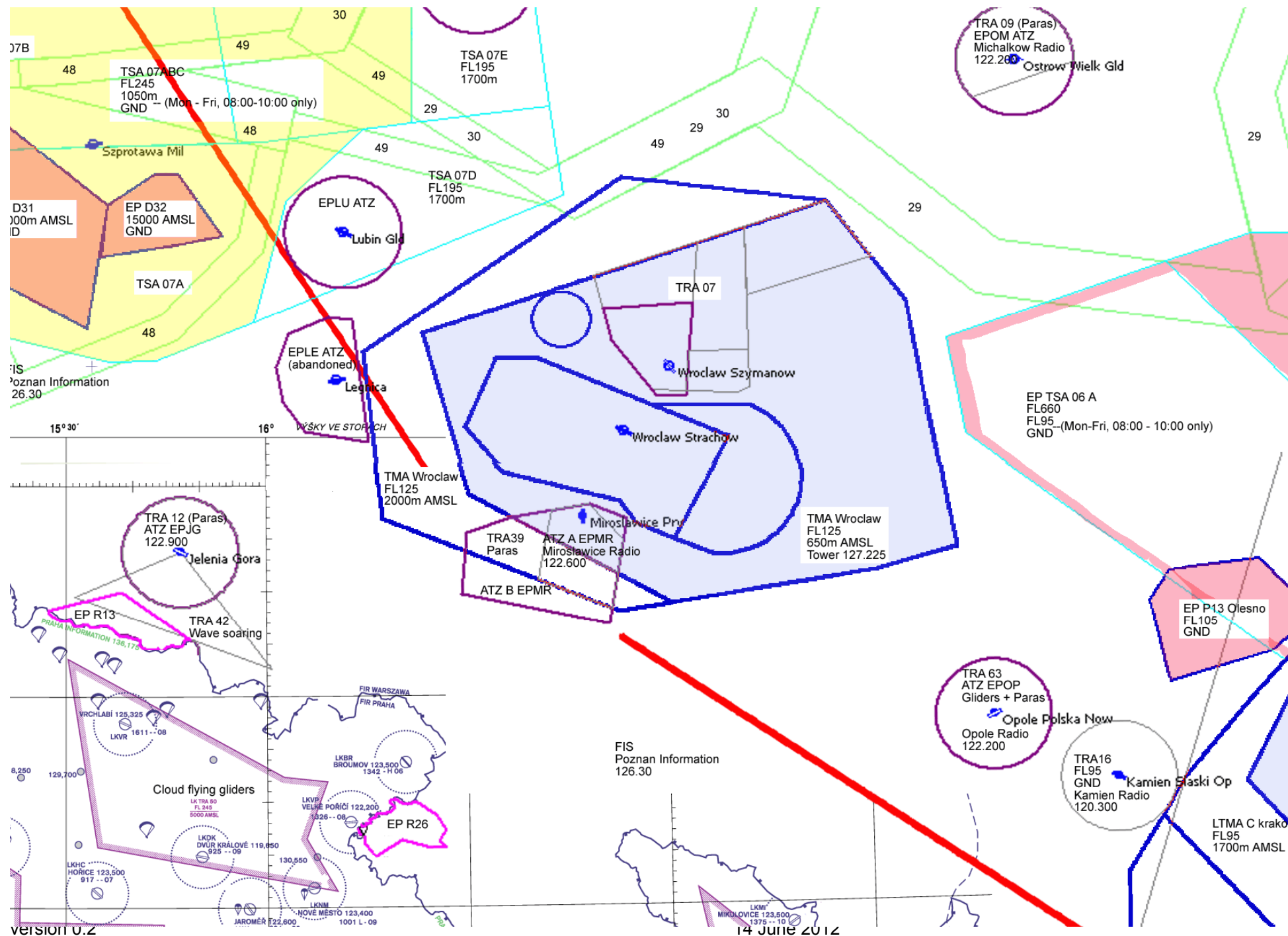
Please note you cannot browse from AMC to AIS.

This table shows the EAs found in the Supplements since supplement nr 2012-03.

None of these has an impact on Euroglide.

Area	Published in	Activity	Remark
EA 19	SUP 2012-03		Offroute
EA 20	SUP 2012-03		Offroute
EA 21	SUP 2012-03		Offroute
EA 22	SUP 2012-07	Gliders	Not during Euroglide
EA 1	SUP 2012-11		Offroute and not during Euroglide
EA 12	SUP 2012-11		Offroute and not during Euroglide
EA 13	SUP 2012-11		Offroute and not during Euroglide
EA 14	SUP 2012-11		Offroute and not during Euroglide
EA 92	SUP 2012-12	Gliders	Not during Euroglide
EA 24	SUP 2012-13	Gliders	Not during Euroglide
EA 31	SUP 2012-14	Paras	Offroute and not during Euroglide
EA 46	SUP 2012-23	Paras	Offroute
EA 41	SUP 2012-24		Offroute and not during Euroglide
No	SUP 2012-25	Gliding competition Brandenburg EDBE	Warning for high density glider traffic
EA 47	SUP 2012-26	Airshow	Offroute
EA 39	SUP 2012-27	Balloons	Offroute
EA 51	SUP 2012-28	Mil exercise	Offroute and not during Euroglide
EA 52	SUP 2012-28	Mil exercise	Offroute and not during Euroglide
EA 53	SUP 2012-28	Mil exercise	Offroute and not during Euroglide
EA 54	SUP 2012-28	Mil exercise	Offroute and not during Euroglide
EA 55	SUP 2012-28	Mil exercise	Offroute and not during Euroglide
EA 56	SUP 2012-28	Mil exercise	Offroute and not during Euroglide
EA 57	SUP 2012-28	Mil exercise	Offroute and not during Euroglide
EA 58	SUP 2012-28	Mil exercise	Offroute and not during Euroglide
EPR119	SUP 2012-41	Football	2 Nm circular area under Poznan TMA
EA112	Notam D2586/12 (valid june 11)	Mil exercise	Offroute







14 June 2012

