



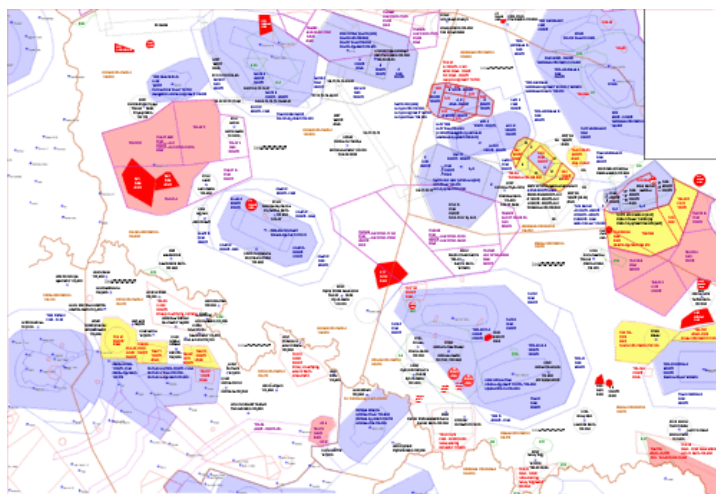
## Airspace summary

### Introduction

This document provides an overview the Czech, Slovak and Polish airspace relevant to the Euroglide 2016 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, colored areas indicate that proper cross country gliding is blocked. An area is considered "blocking" when there is less than 1000m AGL uncontrolled airspace left.



Solid red:	Entry prohibited, permanently active. (e.g. Prohibited and Danger areas in Poland)
Light red:	Entry prohibited, activation by AUP (e.g. TSA)
Blue:	Controlled airspace, ATC clearance required, permanently active. (e.g. TMA, CTR)
Yellow:	Controlled airspace, ATC clearance required, activation by AUP. (e.g. TRA, MATZ)

### 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 1.3 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 and the Czech Republic 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.

# Poland

## Warszawa FIR EPWW

Above FL95: Class C

Below FL95: Uncontrolled class G and controlled class C or D.

## FIS

Area	Call sign	Frequency	Telephone
Poznan	Poznan Information	126.300	+48 22 574 7385
Warszawa	Warszawa Information	119.450	+48 22 574 5585
Krakow	Krakow Information	119.275	+48 22 574 7585

## Airspace elements

Prohibited Area	<b>P</b>	Few small areas. Entry prohibited.
Restricted area	<b>R</b>	No sound waves allowed or not allowed to exceed the speed of sound. Not sure about starting the engine for motorgliders, see ENR 5.1.1
Danger area	<b>D</b>	<b>Entry prohibited.</b> Artillery ranges and military training grounds. Subject to AUP and Notam.
Aerodrome Traffic Zone	<b>ATZ</b>	In general large and high (1700m). No specific rules for ATZ found.
Exercise Area	<b>EA</b>	Limits and type of restrictions published in the form of an AIP Supplement and, in special cases, in a Notam.
Military Air Route	<b>MRT</b>	Low level flying corridors, up to 2000ft high, approximately 10 km wide.
TSA/TRA Feeding Route	<b>TFR</b>	Transfer routes. Present only in the north of Poland.

## Temporary Segregated Areas

TSA	Lower Limit	Upper Limit	Activation allowed (check AUP for actual activation)
05 F, G	3500ft	FL245	
06 A, B	GND	FL285	07:00 - 09:00 UTC
	6500ft	FL285	09:00 - 10:00 UTC
	FL95	FL285	
06 C	3500ft	FL660	07:00 – 09:00 UTC
	FL95	FL285	
06 D	5500ft	FL660	07:00 – 08:30 UTC
06 E, F, G	FL95		
07 A, B, C	3500ft	FL245	
	GND	FL245	07:00 - 09:00 UTC
	5500ft	FL245	
08 C, D, E	GND	FL245	07:00 – 09:00 UTC
	FL95	FL245	

## TSA 07 activation history

TSA07 A, B and C limits you to a ceiling of 3500ft AMSL (approximately 950m AGL). As TSA 07 is directly on the Euroglide track and quite a large area, we have monitored the activation of TSA07 for the past three months. With a few exceptions, TSA07 was always activated during weekdays. Usually until 14:30 or 15:30 UTC. On Fridays the end-time of activation observed was between 12:00 and 14:00 UTC.

## Danger areas

Please note Danger areas are **Prohibited** in Poland.

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	
D35	Wierzchoslawice	GND	23000ft	

**Temporary Reserved areas**

Many TRAs are on top of ATZs (1700m +) and run by the local Aero club (Gliding, Paras, corridors through TMA, etc)

"ATC clearance required for crossing."

Please note English is not guaranteed.

TRA	Call sign	Freq	Lower limit	Upper limit	Detail
01	Nowy Targ Radio	122.300	FL95	FL245	Wave soaring
03 A 03 B	ZAR Radio	122.800	FL95 FL95	FL225 FL135	Glider flights
05 A 05 B 05 C 05 H	Radom Approach	128.675	GND GND 1700ft GND	FL245 FL125 FL125 FL145	
07	Szymanow Radio	122.800	2100ft	5500ft	Corridor within Wroclaw TMA for Szymanow airfield
08	Rybnik Radio	122.400	5500ft	FL95	Gliders?
09	Michalkow Radio	122.200	5500ft	FL175	Para jumping
10 AB	Mielec Information	119.100	GND	FL115	
12	Jelenia Gora Radio	122.900	6500ft	FL115	
16	Kamien Radio	120.300	GND	FL95	
23 A 23 BCEF 23 DG	Leczyca Approach	119.750	5500ft GND GND	FL135 1500ft 1300ft	On top of MATZ Leczyca
24 A 24 XY	Tomaszow Info	128.500	5500ft GND	FL135 1500ft	On top of MATZ Tomaszow Under MATZ Tomaszow
26 A	Gliwice Radio	122.300	3500ft	FL95	
26 B	Katowice Radio	122.900	3500ft	FL95	
31	In AUP	In AUP	GND	6500ft	Mil para jumping.
33	Piotrkow Radio	122.400	5500ft	FL155	Para jumping
39	Kazimierz Radio	122.300	FL95	FL145	Para jumping
46	Przylep Radio	130.775	5500ft	FL135	Para jumping
55	Nowy Targ Radio	122.300	5500ft	FL95	Para jumping and Wave soaring
57	Krosno Radio	122.400	5500ft	FL165	Gliders and Para jumping
58	Krosno Radio	122.400	FL95	FL165	Wave soaring
60 AB	Kruszyn Radio	122.400	5500ft	FL175	Para jumping
61	Rudniki Radio	122.800	GND	FL145	Czestochowski Aero Club
63	Opole Radio	122.200	5500ft	FL95	Glider flights and Para jumps
66	Maslow Radio	118.075	5500ft	FL145	
130			GND	6100ft	RPA Activity Tel +48 16 673 2043
131			GND	2000ft	RPA Activity
132			GND	2000ft	RPA activity Mobile +48 734 411 957 +48 728 883 172
143			GND	2300ft	RPA activity
144			GND	2500ft	RPA activity. Mobile +48 668 851 085
146			GND	2500ft	RPA activity. Mobile +48 668 851 085
148			GND	1500ft	RPA activity

## TMA's and CTRs

Area	Callsign	Freq	
Cottbus - Drewitz?			
Zielona Gora - Babimost CTR (EPZG)	Zielona Gora Tower	118.750	TMA active during operational hours of Zielona Gora Tower
Above 3500ft, can be delegated to Poznan APP	Poznan Approach	129.025	
Poznan NorthTMA	Poznan Approach	129.025	
Poznan South TMA (Wroclaw)	Poznan Approach	127.225	
Warszawa TMA	Warszawa Approach	125.050 128.800	Under TMA A
Warszawa RMZ, 700ft-2000ft	Warszawa director Warszawa Information	129.375 119.450	
Lodz TMA	Lodz Tower	124.225	
Above 5500ft, can be delegated to Warszawa APP	Warszawa Approach	128.800	Lodz TMA active during operational hours of Lodz Tower
Radom TMA?	Radom Tower/Information	122.050	
Rzeszow TMA	Rzeszow Tower	126.800	
Krakow TMA (EPKK) Katowice (EPKT) included.	Krakow Approach	121.075 135.400	
	Krakow Director	126.525	

## Military ATZ

MATZ	Callsign	Freq	
EPPW Powidz (H24)	Powidz Info Powidz Tower Powidz Approach	128.500 119.000 129.675	English by prior arrangement
EPLY Leczyca (H24)	Leczyca Tower Leczyca Approach Leczyca Precision	128.025 119.750 123.575	
EPTM Tomaszow Mazowiecki A: H24 B, C, D, E, F, G, H: AUP or Notam	Tomaszow Info Tomaszow Tower	128.500 125.000?	
EPLK Lask A, B, C : H24 D, E: Mon-Fri or by AUP	Lask Tower Lask Approach	133.075 125.350	
EPRA Radom	Radom Approach Radom Tower	128.675 119.150	

## 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

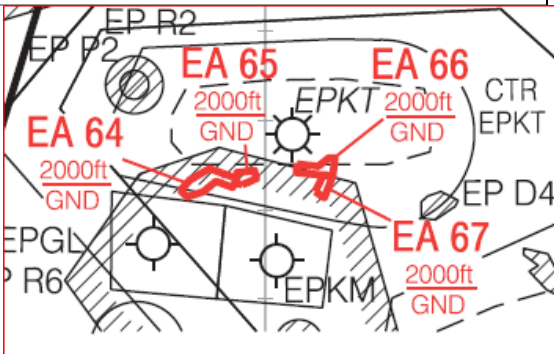

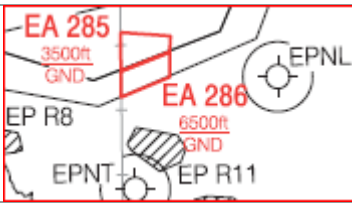
➔ Charts/Elements of airspace/AUP (interactive map)

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

- Register first (no costs)

➔ AIPVFR, AIP, AIPMIL, etc

This table shows VFR supplements (dd 14 june 2016) that might be relevant to Euroglide.

Area	VFR SUP	Activity	Remark
EPNT	96/15	Nowy Targ part of runway 02/20 closed	
EPBA	27/16	Grass runway (04/22) Blielska Bailej aerodrome out of use	
EA 64 EA 65 EA 66 EA 67	41/16	Small areas up to 2000ft just north of Gliwice and Katowice Muchowiec	
EPOM	53/16	Ostrwo Michalkow –several runways closed. Remaining runway is 10R/28L	
EA 76	62/16	Small area east of Nowy Targ GND-5000ft Activated by AUP	
EPLU	63/16	Lubin airfield – Gliding competition. 11 june – 25 june	"Intensive gliding area" No restrictions
EA 285 EA 286	65/16	Small areas north of Nowy Targ. Unmanned vehicles. Activated by AUP	
EPKM	74/16	Katowice Muchowiec airfield: Overhaul works. Ground leveling	
EPIW	76/16	Iwonicz airfield closed for air traffic. (near Krosno)	

## 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

**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/>

# Czech Republic

## LKK FIR

Class G 0 – 1000ft, Class E 1000ft - FL95, Class C > FL 95

Controlled below FL95: C and D

Temporary Restricted Area: Published in AIP SUP or NOTAM. Activation in AUP section F.

## Temporary Segregated Areas

TSA	Name	Lower Limit	Upper Limit	Activation allowed	Activity	Contact
3AB	Libava	GND	FL405	H24	OAT	Entry prohibited during activation
24	Litovel	300ft AGL	1000ft AGL	H24	OAT	Entry prohibited during activation

## Temporary Reserved Areas

TRA	Name	Lower Limit	Upper Limit	Activation allowed	Activity	Contact
50	Vrchlabi	5000ft	FL245		Glider, cloud flying	Vrchlabi Radio
51	Jesenik	5000ft	FL245		Glider, cloud flying	Jesenik Radio Krnov Radio
56	Novy Bydzov	1000ft	FL125	Mon – Fri 12:00	OAT flights	ACC/FIC Praha
57	Vamberk	3000ft	FL125	Mon – Fri 12:00	OAT flights	ACC/FIC Praha
61	Kopidlno	GND	3000ft	Mon - Sun	OAT and Factory test flights	Vodochody TWR 133.075, FIC Praha
62	Nymburk	3000ft	FL245	Mon - Sun	OAT and Factory test flights	Vodochody TWR 133.075, FIC Praha
71	Smidary	GND	1000ft	Mon – Fri 11:00	OAT flights	MAPP Pardubice
72	Opocno	GND	3000ft	Mon – Fri 11:00	OAT flights	MAPP Pardubice

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

## Activation information: FIC Praha

Internet	<a href="http://aup.ans.cz">http://aup.ans.cz</a>	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

Type	Area	Callsign	Freq	Remarks
FIS	Praha Sector West	Praha information	126.100	
	Praha Sector East		136.175	
	Ostrava Sector Morava	Ostrava Approach	119.375	
TMA	Ostrava, Mosnov	Mosnov Tower	120.800	
		Ostrava Approach	119.375	
		Mosnov ATIS	118.050	
	Pardubice MTMA	Pardubice Tower	120.150	
		Pardubice Approach	127.650	
	Karlovy Vary	Karlovy Vary Tower	121.225	
		Karlovy Vary Approach	118.650	
		Karlovy Vary ATIS	118.950	

## 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")









