

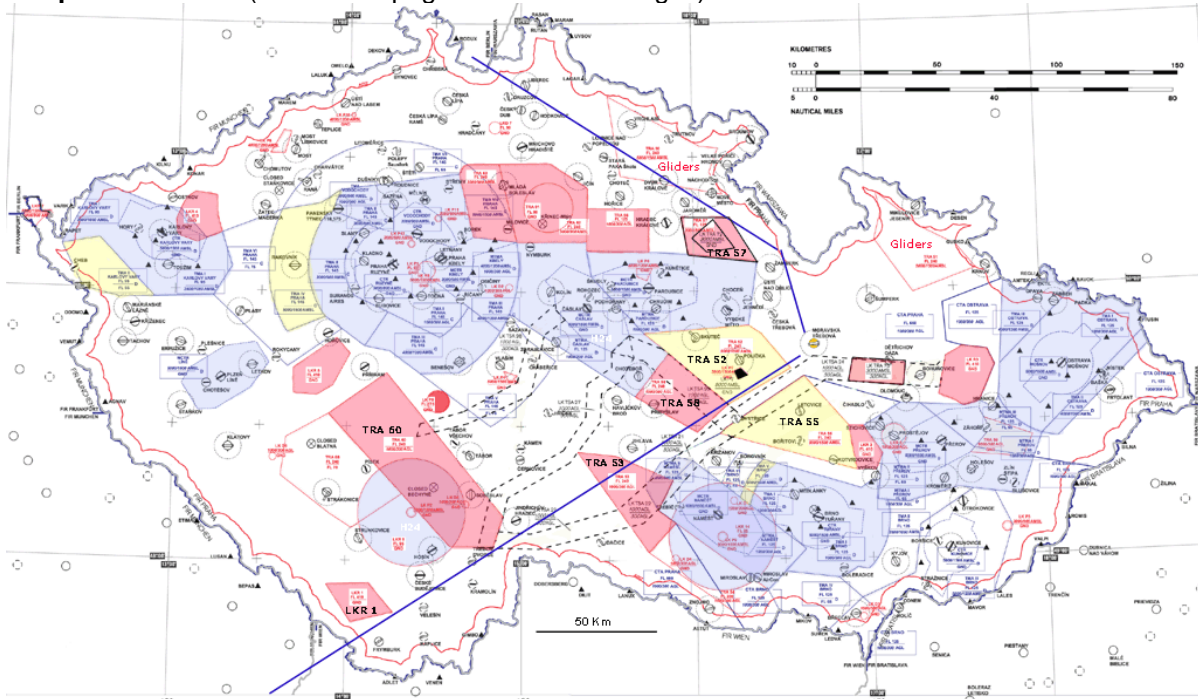


Czech airspace

Introduction

This document provides an overview the Czech airspace relevant to the Euroglide 2008 itinerary. It will help participants to understand the Czech airspace with an operational and a tactical perspective. It does not replace the formal sources like the Czech AIP and AUP. The Euroglide organisation is not responsible for misinterpretations of or inconsistencies with the Czech AIP. It is up to each pilot to verify the information with the Czech AIP.

Airspace overview (see further pages for detailed images)



Class E airspace (White)

Class E airspace op to FL95.

Except Praha TMA V, VI and VII. These TMA's have a respective lower limit if FL 75, FL 75 and FL 65 and are located rather distant from the Euroglide 2008 itinerary.

TMA or H24 Restricted area (Blue)

TMA's or Military TMA's and H24 restricted areas. ATC clearance required for crossing.

Regard these TMA's as activated 24H. (Not entirely true for some military TMA's).

Please note that the ATC of some MTMA's do not speak English.

TRA (Red and Yellow)

Temporary Reserved Areas (TRA).

- Red: Upper and lower limits such that cross country gliding below or above is impossible.
- Yellow: Lower limit 5000 ft AMSL. Terrain level is around 2000 ft, leaving 3000 ft height for gliding.

Maximum possible activation: Mon 06:00 until Fri 12:00 UTC.

Planned activation: As published on the AUP (and UUP).

TSA (between dotted lines)

Temporary Segregated Area. Low level flying corridors (300 – 1000 ft AGL). Exclusive use by military. Entry prohibited during activation.

Maximum possible activation: Mon 06:00 until Fri 12:00 UTC. Not in July and August. (for reference: July 1st is Tuesday of the second Euroglide week)

Planned activation: As published on the AUP (and 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 by the Air Navigation Services of the Czech Republic <http://aup.ans.cz>

Area Details

Code	Name	Lower Limit	Upper Limit	Possible activation	Reason	Entry conditions ATC Clearance
LKR 1	Boletice	GND	FL 410	H24	Shooting / OAT Flights	Praha Information
LKR 8	Temelin	GND	FL 95	H24	Protective Airspace	Praha Information, Praha Teren 124.45
TRA 60	Bechine	1000 ft AGL	FL 240	Mo 08:00 -Fr 12:00	OAT Flights	Praha Information
TRA 53	Brtnice	1000 ft AGL	FL 240	Mo 08:00 -Fr 12:00	OAT Flights	Praha Information
TRA 58	Zdar	1000 ft AGL	FL 240	Mo 08:00 -Fr 12:00	OAT Flights	Praha Information
TRA 52	Svitavi	5000 ft AMSL	FL 240	Mo 08:00 -Fr 12:00	OAT Flights	Praha Information
TRA 55	Boskovice	5000 ft AMSL	FL 240	Mo 08:00 -Fr 12:00	OAT Flights	Praha Information
TRA 57	Rychnov	3000 ft AMSL	FL 125	Mo 08:00 -Fr 12:00	OAT Flights	Praha Information
TRA 72	Opcocno	GND	3000ft AMSL	Mo 08:00 -Fr 12:00	OAT Flights	MAPP Pardubice, ACC Praha
TSA's	20, 21, 22, 24, 26, 27	300 ft AGL	1000 ft AGL	Mo 08:00 -Fr 12:00	OAT Flights	Entry prohibited during activation
TRA 50	Vrchlabi	5000 ft AMSL	FL 240	Daylight	Cloud flying by gliders	Vrchlabi info 125.32

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

Activation information: FIC Praha

Internet	http://aup.ans.cz	AUP, UUP
Telephone	+420 220 374 393	
Radio	Praha Information:	126.10

Frequencies

Area		Freq	Remarks
Praha CTA	Praha information	126.10	Class E up to FL95
Brno CTA	Brno Approach	120.55	Class E up to FL95
	Praha Teren	124.45	Mil ACC, No English
Pardubice MCTR	Pardubice Tower	121.25	
Pardubice MTMA	Pardubice Approach	127.65	No English → Contact Tower instead
Caslav MCTR	Caslav Tower	133.00	English on request only
Caslav MTMA	Caslav Approach	123.67	English on request only

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")

Source: Czech AIP. <http://ais.ans.cz>
Relevant AIP chapters: see last page.

Briefing site. Not official. Displays activations and Notams on a map.
<http://www.webbriefing.cz/>

For **crossing the Czech border**, a **flight plan** is required. Details available in another document.

Activation history

May 2008, activation times in UTC. Green = not activated. Yellow = activated (all day if no times shown)

T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
				07-15	07-13						07-13	07-15	07-16	07-16	07-11				07-15	07-15	07-13	07-12						07-13			LKR 1	
						06-12									07-10								07-10						07-10			TRA 60
	08-12												08-16	08-16												11-21	11-21					TRA 53
				07-14	10-12								07-15		07-12			08-13	07-15	07-15	07-15	07-12				07-14		07-12			TRA 58	
				07-14	10-12								07-15		07-12			08-13	07-15	07-15	07-15	07-12				07-14		07-12			TRA 52	
				08-13	10-12							07-16	07-16		07-12			08-13								13-21	13-21	13-21				TRA 55
				13-21	13-21						13-20													14-21								TRA 57
				13-19	13-19						13-19														14-19							TRA 72

June – July 2007

ma	di	wo	do	vr	za	zo	ma	di	wo	do	vr	za	zo	ma	di	wo	do	vr	za	zo	ma	di	wo	do	vr								
18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13								
07-16	07-16	07-16	07-16	07-11			07-16	07-16	07-16	07-16	07-11			07-13	07-13	07-11					07-13	07-16	07-16	07-13							LKR 1		
				06-10								06-10				06-12										06-10						TRA 60	
																						09-11	08-16	08-16	06-16							TRA 53	
	08-15	08-15	08-15	08-12			08-15	08-15	08-15	08-15				07-13	07-12						08-13	07-15	07-15								TRA 58		
	08-15	08-15	08-15	08-12			08-15	08-15	08-15	08-15				07-13	07-12						08-13	07-15	07-15								TRA 52		
							08-15	08-15	08-15	08-15				07-13	07-12							07-15	07-15	06-16							TRA 55		
							07-14	07-14	07-14																							TRA 57	
																																	TRA 72

The updates (UUP's) witnessed the past month are predominantly cancellations. For example, in this case at 09:22 UTC, the planned activation of TRA 55 was cancelled (CNL). Of course you do not always have access to internet, so always ask Praha Information for the actual status.

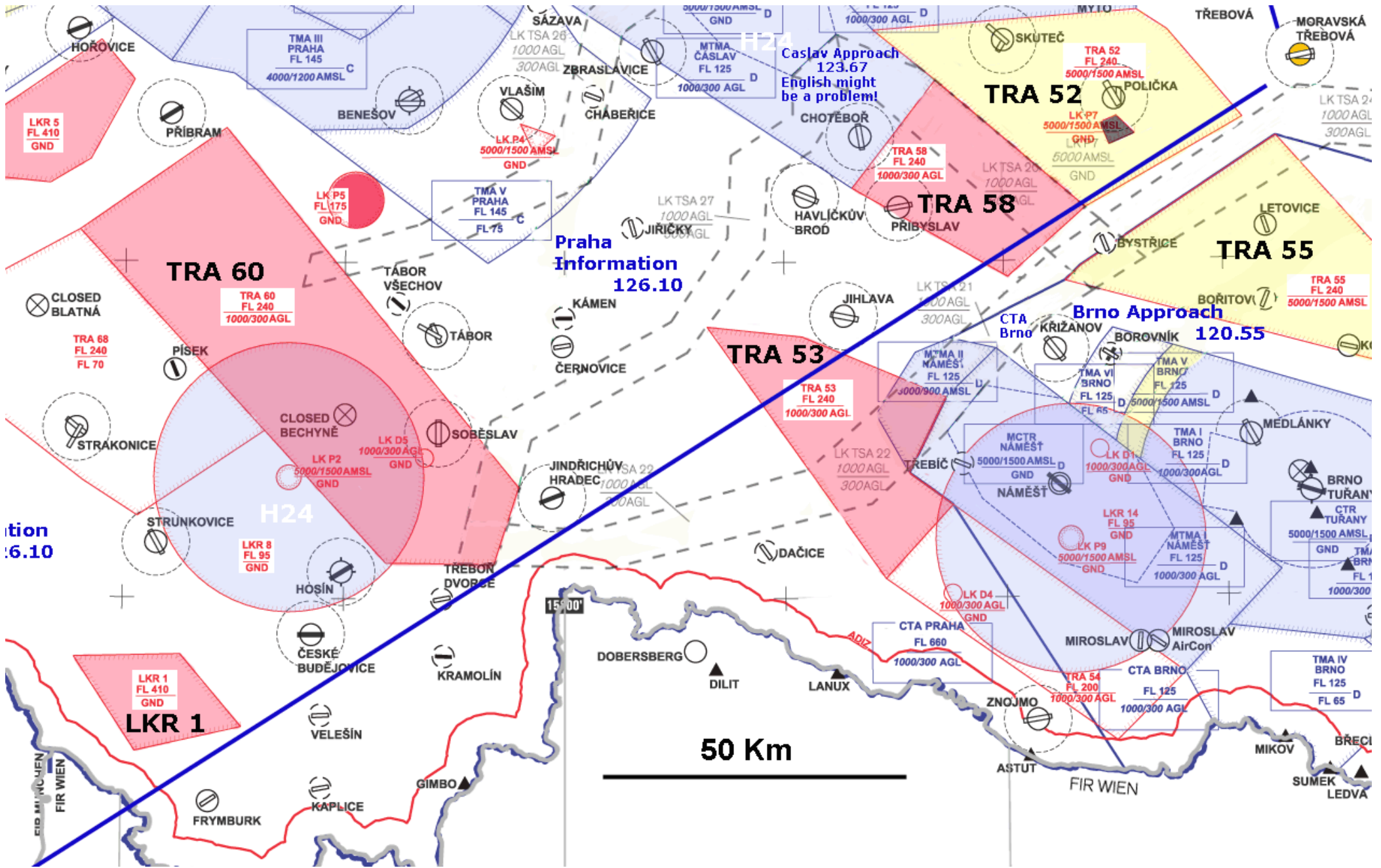
Conclusions

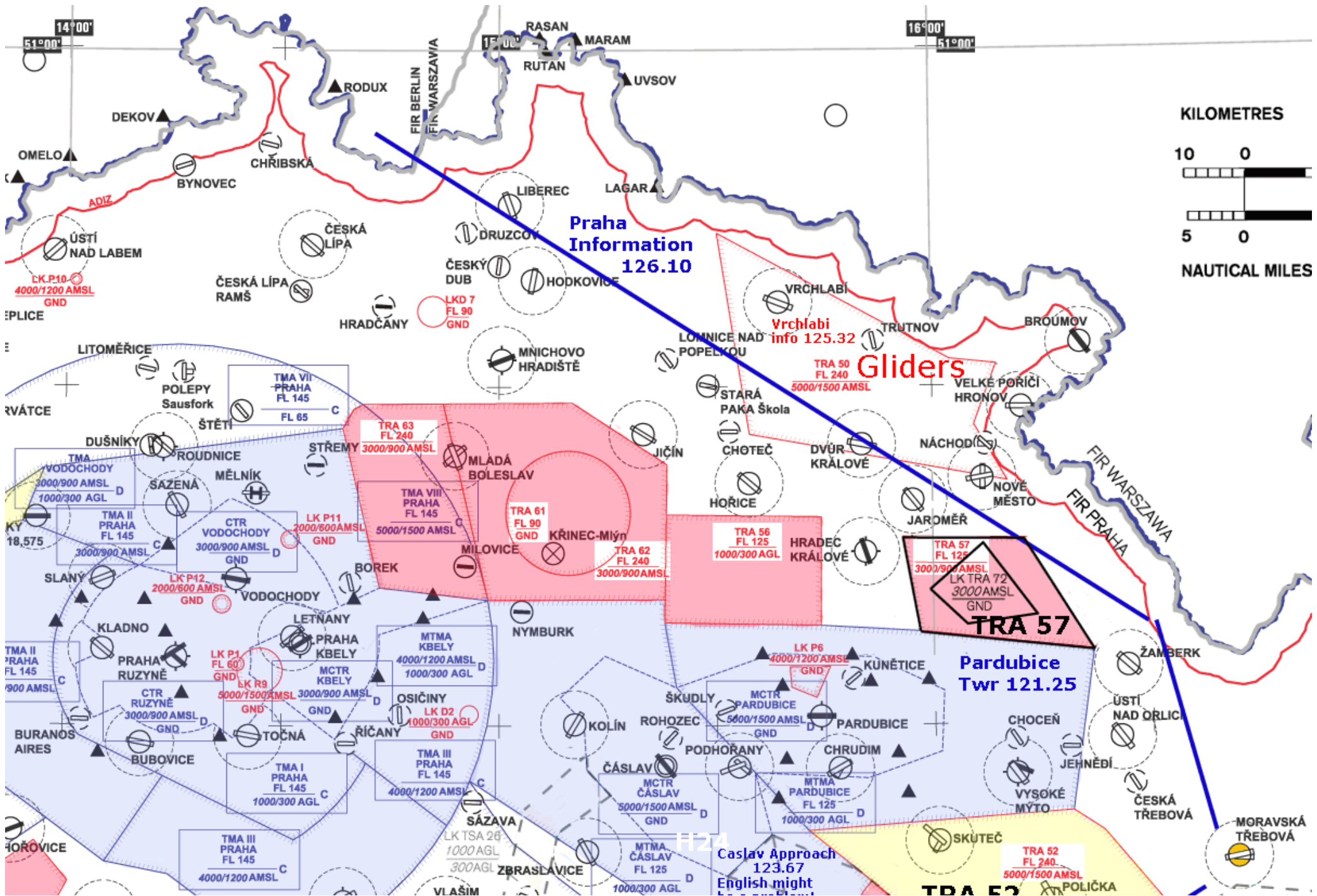
The areas will not be activated on Friday (as of 12:00), Saturday and Sunday. On Monday in general only a few areas will be activated. TRA 60 and LKR 1 however are almost always activated during the weekdays.

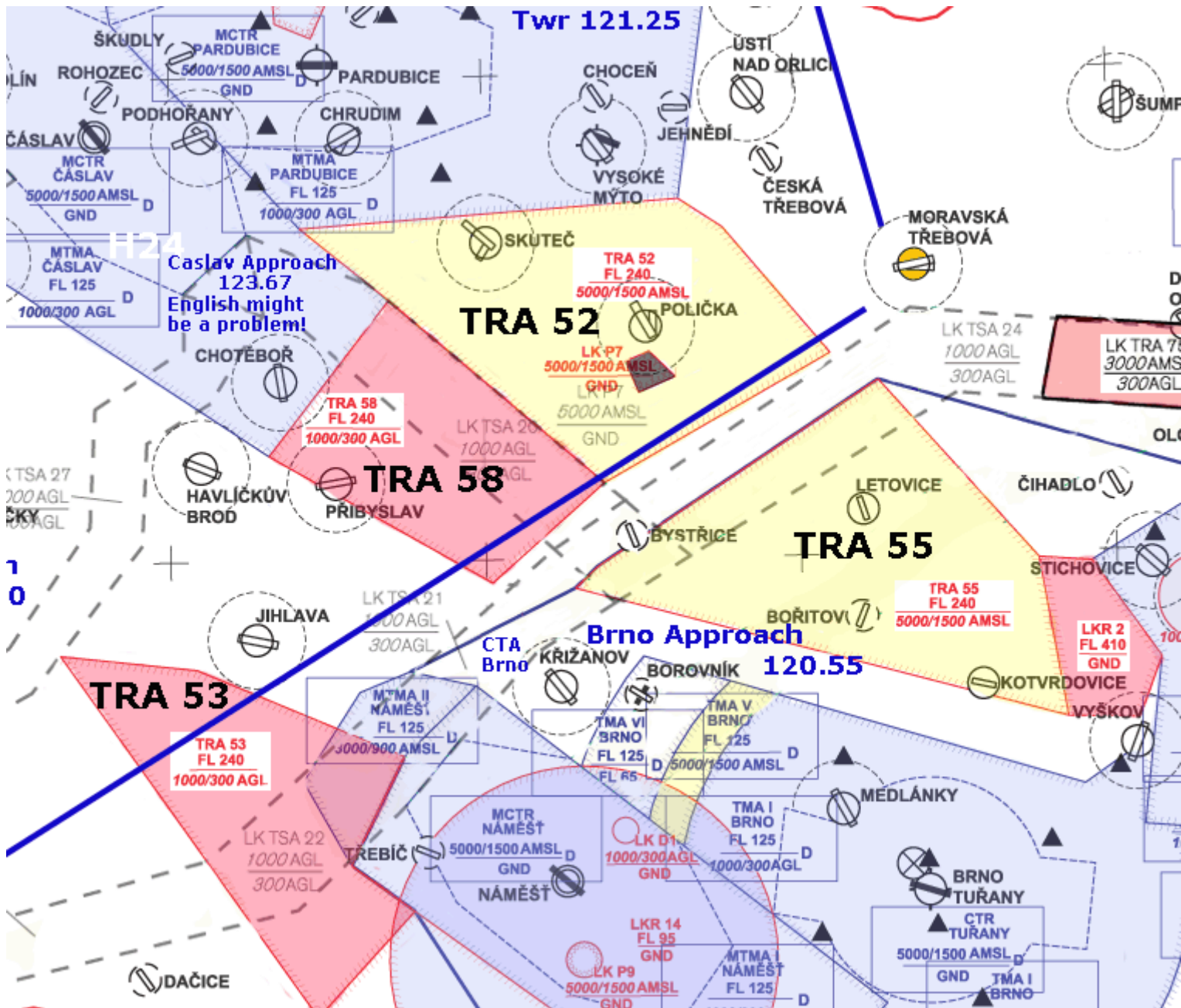
Strategy

- 1) See the AUP a day before and decide whether the weather forecast is such that you are able to negotiate the area's (especially TRA 58, 52 and 55). Consider displacing to Moravska if you think the areas are going to block your flight path. You have 200 km displacement maximum if you displace to Moravska (see the rules).
- 2) Underway, always contact Praha Information on 126.10 for the latest status of the area's (UUP!).
- 3) If activated, ask for a crossing clearance, you are carrying a transponder! Also 1000 ft extra height in TRA 55 and TRA 52 is very comforting.

UPDATED AIRSPACE USE PLAN of the Czech Republic							
Date and Time of Transmission: 03. 06. 2008 09:22:39							
Nr	Area	Lower limit	Upper limit	From	Until	Resp.unit	Add.info
12.	TRA55	5000FT/AMSL	F240	08:00	16:00	LKNA	OAT CNL







Relevant chapters from Czech AIP (marked yellow)

GEN	General
GEN 0	
GEN 0.1	Preface
GEN 0.2	Record of AIP amendments
GEN 0.3	Record of AIP supplements
GEN 0.4	Checklist of AIP pages
GEN 0.5	List of hand amendments to the AIP
GEN 0.6	Table of contents to part 1
GEN 1	National regulations and requirements
GEN 1.1	Designated authorities
GEN 1.2	Entry, transit and departure of aircraft
GEN 1.3	Entry, transit and dep of pass and crew
GEN 1.4	Entry, transit and departure of cargo
GEN 1.5	Aircraft instr, equipment and flight docs
GEN 1.6	Nat regulations and internat agreements
GEN 1.7	Differences from ICAO standards...
GEN 2	Tables and codes
GEN 2.1	Measuring, aircraft markings, holidays
GEN 2.2	Abbreviations used in AIS publications
GEN 2.3	Chart symbols
GEN 2.4	Location indicators
GEN 2.5	List of radionavigation AIDS
GEN 2.6	Conversion tables
GEN 2.7	Sunrise/sunset tables
GEN 3	Services
GEN 3.1	Aeronautical information services
GEN 3.2	Aeronautical charts
GEN 3.3	Air traffic services
GEN 3.4	Communication services
GEN 3.5	Meteorological services
GEN 3.6	Search and rescue
GEN 4	Charges

ENR	En-Route
ENR 0	
ENR 0.6	Table of contents to part 2
ENR 1	General rules and procedures
ENR 1.1	General rules
ENR 1.2	Visual flight rules
ENR 1.3	Instrument flight rules
ENR 1.4	ATS airspace classification
ENR 1.5	Holding, approach and dep procedures
ENR 1.6	Radar services and procedures
ENR 1.7	Altimeter setting procedures
ENR 1.8	Regional supplementary procedures
ENR 1.9	Air traffic flow management (ATFM)
ENR 1.10	Flight planning
ENR 1.11	Addressing of flight plan messages...
ENR 1.12	Interception of civil aircraft
ENR 1.13	Unlawful interference
ENR 1.14	Air traffic incidents
ENR 2	Air traffic services airspace
ENR 2.1	FIR, CTA, TMA, MTMA, MCTR
ENR 2.2	Other regulated airspace
ENR 3	ATS Routes
ENR 4	Radio Navigation AIDS/systems
ENR 5	Navigation warning
ENR 5.1	Prohibited, restricted and danger areas
ENR 5.2	Military exercise areas and ADIZ
ENR 5.3	Other activities of a dangerous nature
ENR 5.4	Air navigation obstacles-en-route
ENR 5.5	Aerial sporting and recreational activities
ENR 5.6	Bird migration and areas with ...EMPTY
ENR 6	En-Route Charts
ENR 6.1	En-Route Chart
ENR 6.1.1	En-Route chart - lower airspace
ENR 6.1.3	En-Route chart - upper airspace
ENR 6.3	Prohibited, restr. and danger areas chart
ENR 6.7	Radio facility chart index
ENR 6.9	Minimum radar vectoring altitudes
ENR 6.5/6	The coverage with a signal VOR ...

AD	Aerodromes	AD 4	Aerodromes (VFR)
AD 0		AD 4.0	VFR aerodromes
AD 0.6	Table of contents to part 3 – AD	AD 4.0.1	Preface
AD 1	Aerodromes/heliports – introduction	AD 4.0.2	Record of AIP C.R. volume III amendm.
AD 1.1	Aerodrome/heliport availability	AD 4.0.3	Record of AIP C.R. volume III supplm.
AD 1.2	Rescue and fire fighting services and ...	AD 4.0.4	Checklist of AIP C.R. volume III pages
AD 1.3	Index to aerodromes	AD 4.0.5	List of hand amendm. to AIP C.R. vol III
AD 1.3.1	Chart	AD 4.0.6	Table of contents AIP C.R. volume III
AD 1.3.3	Table	AD 4.0.7	Air traffic services units
AD 1.4	Grouping of aerodromes/heliports	AD 4.0.8	AFIS units
AD 2	Aerodromes (IFR)		Aerodromes (Info, VO Chart, AD Chart)
AD 3	Heliports		

VFR Aerodromes				
LKBE	BENESOV		LKMK	MORAVSKA TREBOVA
LKBO	BOHUNOVICE		LKMO	MOST
LKBR	BROUMOV		LKNM	NOVE MESTO
LKBA	BRECLAV		LKOL	OLOMOUC
LKBU	BUBOVICE		LKOT	OTROKOVICE
LKCE	CESKA LIPA		LKPC	PANENSKY TYNEC
LKCS	CESKE BUDEJOVICE		LKPS	PLASY
LKDK	DVUR KRALOVE		LKLN	PLZEN/LINE
LKER	ERPUZICE		LKPN	PODHORANY
LKFR	FRYDLANT		LKPA	POLICKA
LKHB	HAVLICKUV BROD		LKPJ	PROSTEJOV
LKHD	HODKOVICE		LKPM	PRIBRAM
LKHO	HOLESOV		LKPI	PRIBYSLAV
LKHC	HORICE		LKRK	RAKOVNIK
LKHV	HOROVICE		LKRA	RANA
LKHS	HOSIN		LKRY	ROKYCANY
LKHK	HRADEC KRALOVE		LKRO	ROUDNICE
LKHN	HRANICE		LKSZ	SAZENA
LKCH	CHOMUTOV		LKSK	SKUTEC
LKCT	CHOTEBOR		LKSN	SLANY
LKCR	CHRUDIM		LKSO	SOBESLAV
LKJA	JAROMER		LKSA	STANKOV
LKJC	JICIN		LKSB	STICHOVICE
LKJI	JIHLAVA		LKST	STRAKONICE
LKJH	JINDRICHUV HRADEC		LKSR	STRUNKOVICE
LKKL	KLADNO		LKSU	SUMPERK
LKKT	KLATOVY		LKTA	TABOR
LKKO	KOLIN		LKTD	TACHOV
LKKR	KRNOV		LKTC	TOCNA
LKKM	KROMERIZ		LKTO	TOUZIM
LKKA	KRIZANOV		LKUL	USTI NAD LABEM
LKKC	KRIZENEC		LKUO	USTI NAD ORLICI
LKKY	KYJOV		LKVP	VELKE PORICI
LKPL	LETKOV		LKVL	VLASIM
LKLT	LETNANY		LKVR	VRCHLABI
LKLB	LIBEREC		LKVM	VYSOKE MYTO
LKMR	MARIANSKE LAZNE		LKVY	VYSKOV
LKCM	MEDLANKY		LKZA	ZABREH
LKMI	MIKULOVICE		LKZB	ZBRASLAVICE
LKMB	MLADA BOLESLAV		LKZN	ZNOJMO
LKMH	MNICHOVO HRADISTE		LKZM	ZAMBERK
			LKZD	ZATEC/MACERKA

IFR Aerodromes	
LKTB	BRNO/TURANY
LKKV	KARLOVY VARY
LKKU	KUNOVICE
LKMT	OSTRAVA/MOSNOV
LKPD	PARDUBICE
LKPR	PRAHA/RUZYNE
LKPO	PREROV
LKVO	VODOCHODY