

## ENR 2 AIR TRAFFIC SERVICES AIRSPACE

## ENR 2.1 FIR, UIR, TMA AND CTA

## 1. FIR, CTA, TMA

Name Lateral limits Vertical limits Class of airspace	Identifica- tion of unit providing service	Call sign of aeronautical station Languages used Area and conditions of use	Frequencies SATVOICE number Purpose	Remarks
1	2	3	4	5
<b>BUDAPEST FIR</b> 465209N 0160650E along border AUSTRIA_HUNGARY - 480024N 0170939E along border HUNGARY_SLOVAKREPUBLIC - 482412N 0220919E along border HUNGARY_UKRAINE - 475733N 0225422E along border HUNGARY_ROMANIA - 460702N 0201602E along border HUNGARY_SERBIA - 455515N 0185324E along border CROATIA_HUNGARY - 462901N 0163358E along border HUNGARY_SLOVENIA - 465209N 0160650E FL 660 GND	BUDAPEST ACC	BUDAPEST CONTROL/RADAR EN H24		The airspace layer between FL 290-FL 410 (both inclusive) of the Budapest FIR is part of the EUR RVSM airspace.
	BUDAPEST FIC	BUDAPEST INFORMATION EAST EN, HU H24	119.350 MHZ	See: <a href="#">ENR 6-LHCC-FIS</a> (FIS Sectors - Index chart)
		BUDAPEST INFORMATION WEST EN, HU H24	125.500 MHZ	
		BUDAPEST INFORMATION NORTH EN, HU H24	133.000 MHZ	
		BUDAPEST INFORMATION NORTH- EAST EN, HU H24	134.850 MHZ	
In the areas where ATS provision is delegated. See <a href="#">ENR 2.2</a>				

Note: The coordinates that describe the Budapest FIR can be obtained from HungaroControl AIS.

Name Lateral limits Vertical limits Class of airspace	Identifica- tion of unit providing service	Call sign of aeronautical station Languages used Area and conditions of use	Frequencies SATVOICE number Purpose	Remarks
1	2	3	4	5
<b>BUDAPEST CTA</b> Lateral limits as for Budapest FIR FL 660 9500 FT ALT C	BUDAPEST ACC	BUDAPEST CONTROL/RADAR EN H24	118.465 CH	
			120.375 MHZ	
			120.465 CH	
			120.985 CH	
			123.665 CH	
			127.105 CH	Standby
			127.210 CH	
			127.860 CH	
			128.105 CH	
			130.575 MHZ	Standby
			132.790 CH	
			133.200 MHZ	
			133.535 CH	
			134.365 CH	
			135.115 CH	
			135.205 CH	
			135.555 CH	
			136.215 CH	
			234.250 MHZ UHF 264.650 MHZ UHF 290.650 MHZ UHF	UHF FREQS AVBL for use by 8.33 exempt State ACFT and in case of VHF COM failure. Where ATS is delegated from ATCC Wien to ATCC Budapest the lower limit is FL 115.

Usage of 8.33 KHZ channel spacing capability radio equipment is mandatory in airspaces where radio communication is required.

Name Lateral limits Vertical limits Class of airspace	Identification of unit providing service	Call sign of aeronautical station Languages used Area and conditions of use	Frequencies SATVOICE number Purpose	Remarks
1	2	3	4	5
<b>BUDAPEST TMA</b> For lateral and vertical limits see BUDAPEST TMA PARTS table. C	BUDAPEST APP	BUDAPEST APPROACH EN	122.975 MHZ	Primary channel (also usable by 8.33 exempted aircraft)
			119.510 CH	
			123.860 CH	
			124.900 MHZ	Standby channel (also usable by 8.33 exempted aircraft)

## AIP HUNGARY

BUDAPEST TMA PARTS
1
<b>BUDAPEST TMA1</b> 472011N 0181744E - 470220N 0182212E - 465337N 0190031E - 465726N 0185421E - 470324N 0184445E - 472011N 0181744E FL 195 9500 FT ALT C
<b>BUDAPEST TMA2/A</b> 474419N 0181530E - 472900N 0181531E - 472421N 0181642E - 472232N 0181709E - 472011N 0181744E - 470324N 0184445E - 471342N 0185839E - 471844N 0185029E - 472115N 0184623E - 472409N 0184140E - 472531N 0183928E - 473231N 0183928E - 473653N 0183928E - 474919N 0185613E - 474914N 0190432E - 474907N 0191518E - 473849N 0193152E - 473835N 0193214E - 474906N 0194628E - 475644N 0193408E - 480519N 0192017E along border HUNGARY_SLOVAKREPUBLIC - 474419N 0181530E FL 195 5500 FT ALT C
<b>BUDAPEST TMA2/B</b> 471342N 0185839E - 470324N 0184445E - 465726N 0185421E - 465337N 0190031E - 464819N 0192349E - 465248N 0195136E - 470913N 0201353E - 471529N 0201355E - 473200N 0201358E - 474052N 0195940E - 474906N 0194628E - 473835N 0193214E - 471927N 0200302E - 465441N 0192934E - 470345N 0191451E - 471342N 0185839E FL 195 5500 FT ALT C
<b>BUDAPEST TMA3</b> 474919N 0185613E - 473653N 0183928E - 473231N 0183928E - 472531N 0183928E - 472409N 0184140E - 472115N 0184623E - 471844N 0185029E - 471342N 0185839E - 471956N 0190704E - 472418N 0190115E - 472525N 0185940E - 472811N 0190029E - 472933N 0190054E - 473057N 0185951E - 473355N 0185502E - 473556N 0185145E - 474111N 0185850E - 473827N 0190316E - 473721N 0190503E - 473640N 0190610E - 473600N 0191030E - 473439N 0192008E - 473221N 0192350E - 473835N 0193214E - 473849N 0193152E - 474907N 0191518E - 474914N 0190432E - 474919N 0185613E FL 195 3500 FT ALT C
<b>BUDAPEST TMA4</b> 474111N 0185850E - 473556N 0185145E - 473355N 0185502E - 473057N 0185951E - 473721N 0190503E - 473827N 0190316E - 474111N 0185850E FL 195 2500 FT ALT C
<b>BUDAPEST TMA5</b> 473721N 0190503E - 473057N 0185951E - 472933N 0190054E - 472811N 0190029E - 472525N 0185940E - 472418N 0190115E - 471956N 0190704E - 470955N 0192319E - 472218N 0194000E - 473221N 0192350E - 473439N 0192008E - 473600N 0191030E - 473640N 0190610E - 473721N 0190503E FL 195 2000 FT ALT C
<b>BUDAPEST TMA6</b> 473835N 0193214E - 473221N 0192350E - 472218N 0194000E - 470955N 0192319E - 471956N 0190704E - 471342N 0185839E - 470345N 0191451E - 465441N 0192934E - 471927N 0200302E - 473835N 0193214E FL 195 2500 FT ALT C
<b>BUDAPEST TMA7</b> 481029N 0200325E along border HUNGARY_SLOVAKREPUBLIC - 480519N 0192017E - 475644N 0193408E - 474906N 0194628E - 474052N 0195940E - 473200N 0201358E - 480605N 0201359E - 481029N 0200325E FL 195 9500 FT ALT C

## 2. MILITARY TMAs AND CTRs (MTMA/MCTR)

On holidays and weekends, and on workdays between 1900-0700 (1800-0600) MCTRs are operational only by special request.

Outside the operational hours of MCTRs, civil flights shall operate based on filed flight plans only:

- Within a circle of 10 KM radius centred at the ARP of Pápa and Kecskemét aerodromes, below 3 000 FT AGL.
- Within a circle of 5 KM radius centred at the ARP (470722N 0201407E) of Szolnok aerodrome - with the exception of Szolnok city and the area W from the road to Rákóczi falva -, below 2 000 FT AGL.

Name Lateral limits Vertical limits Class of airspace	Identification of unit providing service	Call sign of aeronautical station Languages used Area and conditions of use	Frequencies SATVOICE number Purpose	Remarks
1	2	3	4	5
<b>KECSKEMET MTMA</b> For lateral and vertical limits see KECSKEMET MTMA PARTS table. Nil	KECSKEMET APP	KECSKEMET APP EN, HU	120.25 MHZ 277.85 MHZ	UHF FREQ AVBL only with prior COORD.

KECSKEMET MTMA PARTS	
1	
<b>KECSKEMET MTMA1/A</b> 470247N 0200102E - 470304N 0195208E - 470342N 0192954E - 470403N 0191630E - 464938N 0192954E - 463622N 0201429E - 465142N 0202812E - 465400N 0201703E - 465559N 0200728E - 465843N 0200133E - 470247N 0200102E 7500 FT ALT 2000 FT ALT	
<b>KECSKEMET MTMA1/B</b> 470247N 0200102E - 470304N 0195208E - 470342N 0192954E - 470403N 0191630E - 464938N 0192954E - 463622N 0201429E - 465142N 0202812E - 465400N 0201703E - 465559N 0200728E - 465843N 0200133E - 470247N 0200102E FL 125 7500 FT ALT	
<b>KECSKEMET MTMA2/A</b> 464938N 0192954E - 463957N 0192213E - 463615N 0195058E - 463203N 0202335E - 464943N 0203740E - 465142N 0202812E - 463622N 0201429E - 464938N 0192954E 7500 FT ALT 4000 FT ALT	
<b>KECSKEMET MTMA2/B</b> 464938N 0192954E - 463957N 0192213E - 463615N 0195058E - 463203N 0202335E - 464943N 0203740E - 465142N 0202812E - 463622N 0201429E - 464938N 0192954E FL 125 7500 FT ALT	
<b>KECSKEMET MTMA3/A</b> 470403N 0191630E - 470104N 0191155E - 465337N 0190031E - 463957N 0192213E - 464938N 0192954E - 470403N 0191630E 7500 FT ALT 4000 FT ALT	
<b>KECSKEMET MTMA3/B</b> 470403N 0191630E - 470104N 0191155E - 465337N 0190031E - 463957N 0192213E - 464938N 0192954E - 470403N 0191630E FL 125 7500 FT ALT	

KECSKEMET MTMA PARTS				
1				
<b>KECSKEMET MTMA4/A</b> 470929N 0194549E - 470403N 0191630E - 470342N 0192954E - 470304N 0195208E - 470247N 0200102E - 470929N 0194549E 7500 FT ALT 2000 FT ALT				
<b>KECSKEMET MTMA4/B</b> 470929N 0194549E - 470403N 0191630E - 470342N 0192954E - 470304N 0195208E - 470247N 0200102E - 470929N 0194549E FL 125 7500 FT ALT				

Name Lateral limits Vertical limits Class of airspace	Identification of unit providing service	Call sign of aeronautical station Languages used Area and conditions of use	Frequencies SATVOICE number Purpose	Remarks
1	2	3	4	5
<b>PAPA MTMA</b> 473559N 0171554E - 473559N 0173554E - 472959N 0174154E - 472959N 0175015E - 471259N 0175900E - 465959N 0172640E - 470229N 0171654E - 472854N 0170304E - 473559N 0171554E 9500 FT ALT 2000 FT ALT	PAPA APP	PAPA APP EN, HU	278.6 MHZ 131.25 MHZ	UHF FREQ AVBL only with prior COORD.

Name Lateral limits Vertical limits Class of airspace	Identification of unit providing service	Call sign of aeronautical station Languages used Area and conditions of use	Frequencies SATVOICE number Purpose	Remarks
1	2	3	4	5
<b>SZOLNOK MTMA</b> For lateral and vertical limits see SZOLNOK MTMA PARTS table. Nil	SZOLNOK APP	SZOLNOK APP EN, HU	127.75 MHZ 343.15 MHZ	UHF FREQ AVBL only with prior COORD.

SZOLNOK MTMA PARTS				
1				
<b>SZOLNOK MTMA/A</b> 472212N 0200910E - 471203N 0195953E - 470247N 0200102E - 465843N 0200133E - 465559N 0200728E - 465400N 0201703E - 465142N 0202812E - 464943N 0203740E - 471245N 0204529E - 471829N 0202929E - 472038N 0201743E - 472212N 0200910E 5500 FT ALT 2000 FT ALT				
<b>SZOLNOK MTMA/B</b> 472212N 0200910E - 471203N 0195953E - 470247N 0200102E - 465843N 0200133E - 465559N 0200728E - 465400N 0201703E - 465142N 0202812E - 464943N 0203740E - 471245N 0204529E - 471829N 0202929E - 472038N 0201743E - 472212N 0200910E 9500 FT ALT 5500 FT ALT				

Name Lateral limits Vertical limits Class of airspace	Identification of unit providing service	Call sign of aeronautical station Languages used Area and conditions of use	Frequencies SATVOICE number Purpose	Remarks
1	2	3	4	5
<b>KECSKEMET MCTR</b> 470342N 0192954E - 470304N 0195208E - 465559N 0200729E - 464529N 0195854E - 465329N 0193659E - 465329N 0192954E - 470342N 0192954E 4000 FT ALT 0 FT and A circle radius 10 KM centered on 465504N 0194503E 4000 FT ALT 0 FT	KECSKEMET TWR	KECSKEMET TWR EN, HU	135.75 MHZ 379.75 MHZ	UHF FREQ AVBL only with prior COORD.

Name Lateral limits Vertical limits Class of airspace	Identification of unit providing service	Call sign of aeronautical station Languages used Area and conditions of use	Frequencies SATVOICE number Purpose	Remarks
1	2	3	4	5
<b>PAPA MCTR</b> 473539N 0172854E - 471029N 0174254E - 470738N 0173124E - 473259N 0171754E - 473539N 0172854E 4000 FT ALT 0 FT and A circle radius 10 KM centered on 472150N 0173002E 4000 FT ALT 0 FT	PAPA TWR	PAPA TWR EN, HU	129.5 MHZ 388.225 MHZ	UHF FREQ AVBL only with prior COORD.

Name Lateral limits Vertical limits Class of airspace	Identification of unit providing service	Call sign of aeronautical station Languages used Area and conditions of use	Frequencies SATVOICE number Purpose	Remarks
1	2	3	4	5
<b>SZOLNOK MCTR</b> 472038N 0201743E - 465843N 0200133E - 465559N 0200728E - 465400N 0201703E - 471829N 0202929E - 472038N 0201743E 4000 FT ALT 0 FT	SZOLNOK TWR	SZOLNOK TWR EN, HU	130.25 MHZ 267.5 MHZ	UHF FREQ AVBL only with prior COORD.