ENR 2 AIR TRAFFIC SERVICES AIRSPACE

ENR 2.1 FIR, CTA, TMA

1. FIR SARAJEVO

Name Lateral limits Vertical limits (Upper/Lower) Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Frequency/Purpose	Remarks
1	2	3	4	5
445119N 0190119E - along the FIR BDRY Sarajevo/Beograd - 433141N 0191331E along the FIR BDRY Sarajevo/Beograd - 423320N 0182617E - along the FIR BDRY Sarajevo/Zagreb - 451326N 0155427E along the FIR BDRY Sarajevo/Zagreb - 455119N 0190119E Upper limit: FL 660 Lower limit: GND	**BHACC Sarajevo**	**SARAJEVO RADAR** English H24	134.785 MHZ 133.290 MHZ 122.235 MHZ 123.535 MHZ / ALTN 121.500 MHZ / EMERG 331.025 MHZ / UHF 243.000 MHZ / UHF 128.885 MHZ	For more accurate and updated details, please see: AIP SERBIA MONTENEGO and appropriate List of Valid NOTAMs, AIP CROATIA and appropriate List of Valid NOTAMs And List of Valid NOTAMs of Bosnia and Herzegovina
	BEOGRAD ATCC	**BEOGRAD CONTROL / RADAR** English H24		
	ZAGREB ATCC	**ZAGREB CONTROL / RADAR** English H24		
Area of Responsibility of FIS BIH: **Laterally:** Inside lateral borders of Sarajevo FIR, outside TMAs and CTRs. Out of working hours of ATS Mostar and ATS Tuzla, FIC Banja Luka will assume responsibility for the provision of flight information service and alerting service within Mostar and Tuzla TMA/CTR, from GND-9500 FT MSL. Vertical limits: From **GND– 9500 FT MSL** outside TMAs and CTRs Classification: **Class G**	**FIC Banja Luka**	**Banja Luka Information** English/ Bosnian/ Croatian/ Serbian Upon NOTAM[1)]	135.575 MHZ Emergency FREQ 121.500 MHZ	[1)] Service HR of FIC Banja Luka: see List of Valid NOTAMs of Bosnia and Herzegovina. Outside of service HR FIC Banja Luka, FIS is provided by Banja Luka APP on FREQ 135.575 MHZ.

2. CTA SARAJEVO

Name Lateral limits Vertical limits (Upper/Lower) Class of airspace	Unit providing service	Call sign Language Area and conditions of use Hours of service	Frequency/Purpose	Remarks
1	2	3	4	5
UPPER AIRSPACE: 444114N 0191756E (point of the origin), 443547N 0190618E (SOMUN), 442110N 0190608E (DAROJ), 440812N 0191049E (VEBAR), 434624N 0191430E (MITNO), 433154N 0190840E (PODOB), Along the FIR boundary LYBA/LQSB, 433049N 0185523E (WGS 84), 432838N 0184714E (OSLUD), 432055N 0184155E (NILKU), 430834N 0183329E (GAC), 425944N 0182954E (WGS 84), Along the FIR boundary LQSB/LYBA, 423500N 0183311E (WGS 84), 430230N 0173942E (NETKO), Along the FIR boundary LDZO/LQSB, 435234N 0164016E (WGS 84), 441813N 0164859E (ELTIB), 443254N 0165405E (NAVSU), 443522N 0165457E (ETOBI), 444235N 0165729E (EVTON), 445013N 0170011E(OKSIG), 445753N 0170334E (TIVNU), 450342N 0170647E (IRDIV), 450804N 0170912E (AGLIB), 450912N 0170950E (WGS 84), Along the FIR boundary LDZO/LQSB, Along the FIR boundary LYBA/LQSB to the point of the origin 444114N 0191756E. Upper limit: **FL 660** Lower limit: **FL 285**	***BHACC ATCU I Sarajevo**	**SARAJEVO RADAR** English H24	134.785 MHZ 133.290 MHZ 122.235 MHZ 123.535 MHZ / ALTN 121.500 MHZ / EMERG 331.025 MHZ / UHF 243.000 MHZ / UHF 128.885 MHZ	For more accurate and updated details, please see: List of Valid NOTAMs of Bosnia and Herzegovina
LOWER AIRSPACE: 444114N 0191756E (point of the origin), 443547N0190618E (SOMUN), 442110N 0190608E (DAROJ), 440812N 0191049E (VEBAR), 434624N 0191430E (MITNO), 433154N 0190840E (PODOB), Along the FIR boundary LYBA/LQSB, 433049N 0185523E (WGS 84), 432838N 0184714E (OSLUD), 432055N 0184155E (NILKU) 430834N 0183329E (GAC), 425944N 0182954E (WGS 84), Along the FIR boundary LQSB/LYBA, 423500N 0183311E (WGS 84), 430230N 0173942E (NETKO), Along the FIR boundary LDZO/LQSB, 435234N 0164016E (WGS 84), 441813N 0164859E (ELTIB), 443254N 0165405E (NAVSU), 443522N 0165457E (ETOBI), 444235N 0165729E (EVTON), 445013N 0170011E (OKSIG), 445753N 0170334E (TIVNU), 450342N 0170647E (IRDIV), 450804N 0170912E (AGLIB), 450912N 0170950E (WGS 84), Along the FIR boundary LDZO/LQSB, Along the FIR boundary LYBA/LQSB to the point of the origin 444114N 0191756E. Upper limit: **FL 285** Lower limit: **9500 FT AMSL**	***BHACC ATCU I Sarajevo and/or *BHACC ATCU II Banja Luka**	**SARAJEVO RADAR and BANJA LUKA RADAR** English H24	136.050 MHZ 124.075 MHZ / ALTN 121.500 MHZ / EMERG 331.025 MHZ / UHF 243.000 MHZ / UHF 128.885 MHZ	

3. BANJA LUKA TMA

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Frequency/Purpose	Remarks
1	2	3	4	5
The lateral limits of **BANJA LUKA TMA** (outside of BANJA LUKA CTR), are defined by the following coordinates: 442214N 0174535E; 445902N 0175810E; 450241N 0175142E; Along Zagreb FIR/Sarajevo FIR boundary; 450749N 0162628E; 445729N 0164815E; 442214N 0174535E. Upper Limit: **FL 125** Lower Limit: **1000 FT AGL** Classification: **Class E***	BANJA LUKA APP	BANJA LUKA APPROACH/ BANJA LUKA PRILAZNA KONTROLA BANJA LUKA TOWER/ BANJA LUKA TORANJ English/ Bosnian/ Croatian/ Serbian H24	133.075 MHZ (Monitored in working time) 124.175 MHZ / Spare (APP/TWR) 121.500 MHZ / EMERG FREQ	If no reply pilots shall contact BHACC 136.050 MHZ Service HR of Banja Luka APP: see LQBK AD 2.18 *RMZ Banja Luka activated within same lateral limits as Banja Luka TMA, FL 125/9500 FT AMSL. See ENR-2.2

4. MOSTAR TMA

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Frequency/Purpose	Remarks
1	2	3	4	5
The lateral limits of **MOSTAR TMA** (outside of MOSTAR CTR), are defined by the following coordinates: 432727N 0171724E; 434003N 0180343E; 433100N 0181500E; 430000N 0181500E; 425135N 0175134E; along Zagreb FIR/Sarajevo FIR boundary to point; 425330N0174728E; 425758N 0174115E; along Zagreb FIR/Sarajevo FIR boundary to point; 432727N 0171724E. Lower limit: **1500 FT AGL** Upper limit: **FL 145** Classification: **Class E/C* ****	MOSTAR APP MOSTAR TWR	MOSTAR APPROACH/ MOSTAR PRILAZNA KONTROLA MOSTAR TOWER/ MOSTAR TORANJ English/ Bosnian/ Croatian/ Serbian Upon NOTAM	120.225 MHZ (Monitored in working time) 125.550 MHZ (Monitored in working time) Spare: APP / TWR 129.875 MHZ Emergency: 121.500 MHZ	If no reply pilots shall contact *BHACC 136.050 MHZ Service HR of Mostar APP: see LQMO AD 2.18 and List of valid NOTAMs. *Out of working hours of ATS and AD Mostar, Mostar TMA is classified as Class “C” above 9500 FT MSL, and below 9500 FT MSL is classified as Class “G” airspace. **RMZ Mostar activated within same lateral limits as Mostar TMA, FL 145/9500 FT AMSL. See ENR-2.2

5. SARAJEVO TMA

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Frequency/Purpose	Remarks
1	2	3	4	5
The lateral limits of **SARAJEVO TMA** (outside of SARAJEVO CTR), are defined by the following coordinates: 441758N 0190434E; 440812N 0191049E; 434624N 0191430E; 433154N 0190840E; along the FIR BDRY Sarajevo/Beograd; 433049N 0185523E; 432838N 0184714E; 432055N 0184150E; 433100N 0181500E; 435912N 0173643E; 442750N 0174720E; 441758N 0181214E; 441758N 0190434E; Lower limit: **1000 FT AGL** Upper limit: **FL 205** Classification: **Class E/C/D* ****	SARAJEVO APP SARAJEVO TWR	SARAJEVO APPROACH / SARAJEVO PRILAZNA KONTROLA SARAJEVO TOWER/ SARAJEVO TORANJ English/ Bosnian/ Croatian/ Serbian Winter time 05.00 – 21.00 UTC, daily Summer time 04.00 – 21.00 UTC, daily	136.450 MHZ (Monitored in working time) 118.250 MHZ (Monitored in working time) Spare: APP / TWR 119.775 MHZ Emergency: 121.500 MHZ	If no reply pilots shall contact *BHACC 136.050 MHZ Service HR of Sarajevo APP: see LQSA AD 2.18 and List of valid NOTAMs *Out of working hours of ATS and AD Sarajevo, Sarajevo TMA is classified as Class “C” above 9500 FT MSL, and below 9500 FT MSL is classified as Class “G” airspace. **RMZ Sarajevo activated within same lateral limits as Sarajevo TMA, 9500 FT AMSL/ 1000 FT AGL See ENR-2.2

6. TUZLA TMA

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Frequency/Purpose	Remarks
1	2	3	4	5
The lateral limits of **TUZLA TMA** (outside of TUZLA CTR), are defined by the following coordinates: 443703N 0190455E; 441758N 0190434E; 441758N 0181214E; 442750N 0174720E; 445903N 0175810E; 445900N 0182725E; 443703N 0190455E; Lower limit: **1500 FT AGL** Upper limit: **FL 145** Classification: **Class E/C* ****	TUZLA APP TUZLA TWR	TUZLA APPROACH/ TUZLA PRILAZNA KONTROLA TUZLA TOWER/ TUZLA TORANJ English/ Bosnian/ Croatian/ Serbian Upon NOTAM	120.350 MHZ (Monitored in working time) 132.925 MHZ (Monitored in working time) Emergency: 121.500 MHZ	If no reply pilots shall contact *BHACC 136.050 MHZ Service HR of Tuzla APP: see LQTZ AD 2.18 and List of valid NOTAMs *Out of working hours of ATS and AD Tuzla, Tuzla TMA is classified as Class “C” above 9500 FT MSL, and below 9500 FT MSL is classified as Class “G” airspace. **RMZ Tuzla activated within same lateral limits as Tuzla TMA, FL 145/9500 FT AMSL. See ENR-2.2