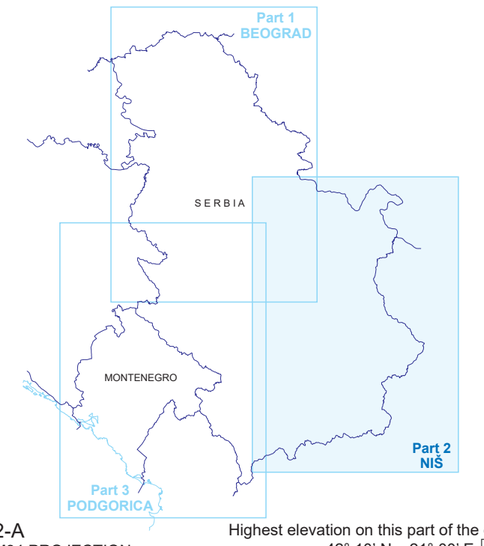
SRBIJA / CRNA GORA
SERBIA / MONTENEGRO

Vazduhoplovna karta – ICAO
Aeronautical Chart – ICAO
1 : 500 000

Part 2 – NIŠ



2322-A
NUTM34 PROJECTION

Highest elevation on this part of the chart
42° 10' N 21° 00' E 8698

Date of aeronautical information: 26 NOV 26

Warning: No guarantee for completeness of obstacles.
Altitudes and elevations are in FT.

FOR LATEST AERONAUTICAL INFORMATION IN THE SCOPE OF THIS CHART CONSULT OTHER SERBIA / MONTENEGRO AERONAUTICAL PUBLICATIONS AND NOTAM (www.smatsa.rs).

For arrival, transit and departure from instrument (IFR) AD use VFR routes and reporting points shown in corresponding VFR Flight Procedures for Arrival and Departure Chart (AIP, AD 2 LY** 15.1-1 and VFR AIP, AD 2 LY** 9.1–1).
For flying to/from visual (VFR) AD with ATZ/RMZ use reporting points shown in corresponding Visual Operation Chart (VFR AIP, AD 2 LY** 2.4–1).
For information regarding aerial sporting and recreational activities see index charts: AIP/VFR AIP, ENR 6.5–11 and ENR 6.5–13).
For information regarding TSA/TRA see all ENR 6.5–3 index charts in AIP/VFR AIP.
Chart updating:
Parts of the chart can be updated separately. The checklist of parts of Aeronautical Chart – ICAO is kept within AIP/VFR AIP GEN 3.2. subsection.

(Join Part 1 – BEOGRAD) (Join Part 3 – PODGORICA)

21° 00' 21° 30' 22° 00' 22° 30'

44° 30' 43° 30' 43° 00' 42° 30'

CONVERSION SCALE HYPSOMETRIC TINTS

Metres / Feet

3048/10000, 3000/9000, 2700/9000, 2400/8000, 2100/7000, 1800/6000, 1500/5000, 1200/4000, 900/3000, 600/2000, 300/1000, M 0 / 0 FT

KARTOGRAFSKI SIMBOLI
CHART SYMBOLS

TOPOGRAFIJA TOPOGRAPHY
Izohipse Contours
Planinski prevoj Mountain pass
Visinska tačka (kota) Spot elevation

HIDROGRAFIJA HIDROGRAPHY
Obala Shore line
Veća reka Large river
Manja reka Small river
Kanal Canal
Močvara Swamp

PUTEVI ROADS
Auto put Highway
Auto put u izgradnji Highway under construction
Put Road
Most Road bridge
Tunel Road tunnel

NASELJENA MESTA BUILT-UP AREAS
Veći grad City or large town
Grad / Selo Town / Village

ŽELEZNICA RAILROADS
Pruga sa dva koloseka Railroad (two tracks)
Pruga sa jednim kolosekom Railroad (single track)
Železnički most Railroad bridge
Železnički tunel Railroad tunnel
Železnička stanica Railroad station

OSTALO MISCELLANEOUS
Brana Dam
Izvor nafte ili plina Oil or gas field
Rudnik Mine
Ruševina Ruin
Crkva, džamija Church, mosque
Državna granica State boundary
Izogone Isogonic lines
Dalekovod Transmission line

PREPREKE OBSTACLES
Prepreka / Grupa Obstacle / Group
Osvetljena prepreka / Grupa Lighted obstacle / Group
Visoka prepreka (od 100 M do 300 M AGL) High obstacle (from 100 M to 300 M AGL)
Visoka osvetljena prepreka (od 100 M do 300 M AGL) High obstacle lighted (from 100 M to 300 M AGL)
Kota vrha Elevation of top
Vetrogenerator / Wind turbine
Neosvetljen Unlighted — Manja grupa i grupa na većoj oblasti - osvetljena
Osvetljen Lighted — Minor group and group in major area - lighted

AERODROMI AERODROMES
Civilni Civil — IFR / VFR
Vojni / Mešoviti civilni vojni Military / Joint civil and military
Helidrom Heliport
RWY sa kolovoznim zastorom Hard surface RWY
RWY bez kolovoznog zastora Unpaved RWY

RADIO-NAVIGACIONI UREĐAJI RADIO NAVIGATION AIDS
Neusmereni radio-far Non-directional radio beacon — NDB, L
Uređaj za merenje odstojanja Distance measuring equipment — DME
VHF svesmerni radio-far VHF omnidirectional radio range — VOR
Kompasna ruža usmerena u pravcu magnetskog severa Compass rose aligned to the magnetic north

SLUŽBE VAZDUŠNOG SAOBRAĆAJA AIR TRAFFIC SERVICES
Oblast informisanja u letu Flight information region — FIR / UIR
Završna kontrolisana oblast Terminal control area — TMA
Kontrolisana zona Control zone — CTR
Aerodromska saobraćajna zona / Zona obavezne upotrebe radio-stanice Aerodrome traffic zone/ Radio mandatory zone — ATZ/RMZ
Zona obavezne upotrebe radio-stanice Radio mandatory zone — RMZ
Vazduhoplovne sportske i rekreativne aktivnosti Aerial sporting and recreational activities — Kuštilj
Teren za paraglajdere Paraglider activity area
Letenje motornim zmajem Hanglider activity area
Letenje jedrilica Glider activity area
VFR ruta VFR route — 031° Magnetski kurs Magnetic track; 8.0 Rastojanje u NM Distance in NM; 7000 Maksimalna visina Maximum flight altitude
Holding sa maksimalnom visinom Holding with maximum flight altitude — 1000
Tačka javljanja Reporting point
Zona (zabranjena *P*, uslovno zabranjena *R*, opasna *D*) Area (prohibited *P*, restricted *R*, danger *D*) — LY R8 9900 GND

Maksimalne nadmorske visine prikazane su u okviru prostora na svakih trideset minuta geografske širine i dužine. One predstavljaju:
a. ili najvišu nadmorsku visinu terena plus 328 FT ili
b. najvišu prepreku (ako je njena nadmorska visina viša od a.)
Maksimalna nadmorska visina dobija se kada se vrednost dobijena pod a. ili b. uveća za 164 FT bezbednog nadvišavanja i zaokruži na sledeći viši 100 FT.
Maximum elevation figures are shown within each thirty minutes area. They are:
a. either the highest elevation plus 328 FT or
b. the highest obstruction (if its altitude is higher than a.).
The value obtained in either a. or b., plus a safety margin of 164 FT constitutes then the maximum elevation figure rounded off to the next higher 100 FT.

0 8

Topografska osnova:
Date of topographic base: 2020.
Podaci o izogonama:
Izogonic information: 2025.

10 5 0 10 20 30 40 50 60 70 80 90 100 KM
NM 10 5 0 10 20 30 40 50 NM

smatsa
Kontrola letenja Srbije i Crne Gore SMATSA doo Beograd
Serbia and Montenegro Air Traffic Services SMATSA llc
Trg Nikole Pašića 10, p.b. 640, 11000 Beograd, Serbia

RADIO-NAVIGACIONI UREĐAJI
RADIO NAVIGATION AIDS

Name of station *Type of aid*	*ID*	*FREQ* *(CH)*	*Coordinates*
Serbia			
BEOGRAD VOR/DME	BGD	112.05 MHZ (CH 57Y)	444910N 0201840E
BUDISAVCI VOR/DME	BUI	115.20 MHZ	*423759N 0202945E
KRALJEVO VOR/DME	KRV	116.30 MHZ (CH 110X)	434916N 0203504E
MITROVICA VOR/DME	SMI	117.00 MHZ (CH 117X)	450034N 0192551E
NIŠ VOR/DME	NII	113.90 MHZ (CH 86X)	432012N 0215101E
TOPOLA VOR/DME	TPL	116.80 MHZ (CH 115X)	440837N 0204440E
VALJEVO VOR/DME	VAL	116.60 MHZ (CH 113X)	441926N 0195229E
VRŠAC VOR/DME	VAC	115.00 MHZ (CH 97X)	450816N 0211824E
BATAJNICA DME	BTJ	108.90 MHZ (CH 26X)	445642N 0201424E
BEOGRAD DME	YBG	109.50 MHZ (CH 32X)	444915N 0201805E
BEOGRAD DME	YUB	110.30 MHZ (CH 40X)	444934N 0201741E
NiŠ DME	YNI	109.30 MHZ (CH 30X)	432001N 0215144E
BEOGRAD NDB	OBR	355 KHZ	443838N 0200818E
BRĐANI NDB	BR	435 KHZ	435651N 0202540E
INĐIJA NDB	IA	485 KHZ	450235N 0200423E
KRALJEVO NDB	VTN	468 KHZ	434303N 0204837E
NIŠ NDB/MKR	JST	405 KHZ	432529N 0213753E
NIŠ NDB	ZO	423 KHZ	431101N 0214329E
PANČEVO NDB	PA	495 KHZ	445330N 0203828E
PETROVARADIN NDB	PV	300 KHZ	451559N 0194758E
POŽAREVAC NDB	POZ	416 KHZ	443715N 0210852E
PRIŠTINA NDB	PRI	364 KHZ	*424343N 0210106E
PRIŠTINA NDB	RBT	399 KHZ	*423135N 0210232E
UŽICE NDB	UZ	470 KHZ	435129N 0195318E
VALJEVO NDB	VAL	390 KHZ	441916N 0195230E
VRANJE NDB	VRN	337 KHZ	423319N 0215441E
BATAJNICA L	BT	420 KHZ	445806N 0201147E
BATAJNICA L	DU	320 KHZ	445500N 0201724E
BATAJNICA L	EK	420 KHZ	445412N 0201901E
BATAJNICA L	PZ	320 KHZ	445711N 0201336E
BEOGRAD L	JA	316 KHZ	444434N 0202831E
KRALJEVO L	AD	387 KHZ	434516N 0203951E
KRALJEVO L	KR	320 KHZ	435003N 0203358E
KRALJEVO L	LA	360 KHZ	435122N 0203219E
KRALJEVO L	ML	330 KHZ	434708N 0203735E
NIŠ L	NS	255 KHZ	431812N 0214930E
PRIŠTINA L	BA	420 KHZ	*423720N 0210150E
Montenegro			
PODGORICA VOR/DME	POD	113.00 MHZ (CH 77X)	422310N 0191517E
TIVAT DME	TIV	111.30 MHZ (CH 50X)	422346N 0184429E
BERANE NDB	BRN	322 KHZ	425216N 0195412E
MOJKOVAC NDB	MOJ	308 KHZ	425641N 0193432E
NIKŠIĆ NDB	NIK	302 KHZ	424635N 0185527E
PODGORICA NDB	DAN	312 KHZ	423242N 0190725E
PODGORICA NDB	POD	335 KHZ	422319N 0191517E
TIVAT NDB	TAZ	345 KHZ	421655N 0184801E
PODGORICA L	GO	420 KHZ	421756N 0191445E
TIVAT L	RO	332 KHZ	422514N 0183313E

AERODROMI I HELIDROMI
AERODROMES AND HELIPORTS

Aerodrome/heliport name *Location indicator*	*Coordinates*
AERODROMES	
BEOGRAD/Lisičiji Jarak LYBJ	445622N 0202644E
BEOGRAD/Nikola Tesla LYBE	444910N 0201825E
BLACE	431534N 0212114E
BOČAR/Hrelja	454516N 0201643E
BOGATIĆ	444936N 0192959E
ČAČAK/Ravan LYCA	435356N 0202559E
ČEŠLJEVA BARA/Pek	443608N 0212935E
ĆUPRIJA LYCU	435626N 0212432E
DIVCI/Divci LYVA	441753N 0200118E
KOSTOLAC LYKT	444405N 0210943E
KRAGUJEVAC/Mind LYKG	440736N 0205121E
KRAGUJEVAC/Ravni Gaj	435520N 0204551E
KRALJEVO/Brege LYKA	434355N 0204305E
KRALJEVO/Morava LYKV	434905N 0203510E
KRUŠEVAC/Rosulje LYKS	433340N 0212258E
KULA/Kula – LYKU LYKU	453829N 0192936E
NIKŠIĆ/Kapino Polje LYNK	424628N 0185455E
NIŠ/Konstantin Veliki LYNI	432014N 0215113E
NOVA PAZOVA/Vojka LYVJ	445601N 0201028E
NOVI SAD/Čenej LYNS	452309N 0195002E
PANČEVO LYPA	445358N 0203832E
PARAĆIN/Davidovac LYPN	435159N 0212913E
PODGORICA LYPG	422134N 0191507E
PODGORICA/Ćemovsko Polje LYPO	422521N 0191728E
PRANJANI/Galovića polje LYPJ	440209N 0201041E
PRIJEPOLJE/Ivanje	432054N 0193856E
PRIŠTINA LYPR	Data not AVBL
PRIŠTINA/Batlava LYPT	Data not AVBL
SMEDEREVO/Radinac LYSD	443841N 0205745E
SMEDEREVSKA PALANKA/Rudine LYSP	442105N 0205736E
SREMSKA MITROVICA/Veliki Radinci LYSM	450215N 0193945E
SUBOTICA LYSU	460122N 0194221E
SUBOTICA/Verušić	460057N 0193955E
TIVAT LYTV	422417N 0184324E
TRSTENIK LYTR	433651N 0210149E
UŽICE/Ponikve LYUZ	435403N 0194120E
VRŠAC LYVR	450852N 0211835E
ZABREŽJE	444120N 0201233E
ZEMUN POLJE/13. maj LYZP	445235N 0201819E
ZRENJANIN/Ečka LYZR	452023N 0202715E
MILITARY AERODROMES	
BEOGRAD/Batajnica - Pukovnik-pilot Milenko Pavlović LYBT	445628N 0201503E
KOVIN	*444630N 0205743E
HELIPORTS	
ARANĐELOVAC/Tarpoš LYTA	441903N 0203531E
BEOGRAD/BD AGRO – Dobanovci	444907N 0201224E
BUDVA/Splendid LYBS	421656N 0185156E
GORNJI MILANOVAC/Takovo	440022N 0202728E
LOĆIKA LYLC	435113N 0211000E
PRIJEPOLJE/Lučice LYLU	431846N 0194122E
LJUBIŠ/LJUBIŠ - Zlatibor	433802N 0194552E
MOKRA GORA	434743N 0193028E
NOVI SAD/Ciklonizacija	451703N 0194909E
POŽEGA LYPZ	435021N 0200438E
SOMBOR/Kalos	455030N 0191032E
TIVAT/Porto Montenegro LYTP	422616N 0184128E
UGRINOVCI/Elgra Vižn LYEV	445202N 0201115E
VRŠAC/Swisslion-Takovo Vršac	450613N 0211907E

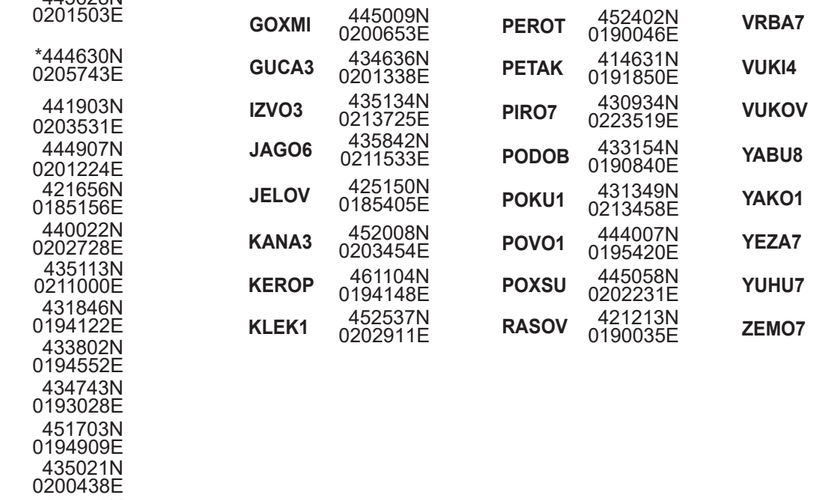
TAČKE JAVLJANJA
REPORTING POINTS

Name	*Coordinates*	*Name*	*Coordinates*	*Name*	*Coordinates*
ABUN1	450552N 0210201E	**KLIS5**	451758N 0195214E	**RATA7**	442234N 0204938E
AKIKA	423203N 0193614E	**KOCA8**	440218N 0211641E	**RAXAD**	421830N 0221434E
ALELU	422845N 0195102E	**KOGAT**	420645N 0210320E	**REKAS**	422119N 0190141E
ANASA	441843N 0223319E	**KONO8**	452253N 0202027E	**RETRA**	421342N 0192006E
BABIT	455554N 0185544E	**KONUV**	422609N 0182612E	**RIBA1**	450856N 0210756E
BADU1	451625N 0204914E	**KOSE1**	440005N 0195424E	**RISAN**	423050N 0184146E
BAKA1	450300N 0210140E	**KOVWU**	445238N 0202721E	**ROMUX**	455121N 0203724E
BANVI	444544N 0202815E	**KUNO1**	432025N 0220510E	**RUDOP**	424558N 0192327E
BARA1	443445N 0202447E	**KUPAN**	421532N 0184611E	**RUMA1**	450036N 0194922E
BAVA7	444400N 0210740E	**KUTL4**	440314N 0204630E	**RUTE1**	433540N 0213740E
BELO6	451619N 0202213E	**LAKO2**	442208N 0200927E	**SASI4**	445803N 0194440E
BEPA1	431308N 0221843E	**LESA8**	425542N 0220059E	**SAVA7**	435033N 0212133E
BESE1	450657N 0194228E	**LIMAN**	421154N 0190544E	**SAZIV**	444742N 0201732E
BRSNO	424355N 01901223E	**LISIN**	420151N 0190823E	**SENI3**	440031N 0212921E
BUKOV	421316N 0190405E	**LONTA**	420934N 0212350E	**SIBAC**	431325N 0214739E
BUSI5	434740N 0212947E	**LUZA1**	432705N 0214436E	**SIRI1**	452821N 0194757E
CEKO1	445646N 0212211E	**MAKIS**	444434N 0202254E	**SIRO4**	434116N 0195250E
CICE6	434320N 0212628E	**MAVIT**	451424N 0211830E	**SOLAN**	422345N 0184233E
CILA2	445655N 0204425E	**MEDUN**	423044N 0192105E	**SOMUN**	443547N 0190618E
CRVA1	445407N 0212212E	**MIHA5**	443322N 0205903E	**SUBA8**	423809N 0220201E
CUPA8	435608N 0212323E	**MILA3**	440424N 0205601E	**SUBO1**	445048N 0195751E
DAGU1	431540N 0212058E	**MITNO**	434624N 0191430E	**SUSA1**	445628N 0210735E
DANIL	423307N 0190614E	**MIRA2**	441159N 0205644E	**TADAM**	451450N 0193246E
DAVO1	445122N 0211803E	**MOST6**	435453N 0212038E	**TAMI3**	445206N 0204541E
DESA1	440432N 0212512E	**NIBA1**	431729N 0220014E	**TAZUM**	444645N 0211159E
DIRER	445918N 0212435E	**NIKSA**	424617N 0185652E	**TIBRI**	422438N 0183315E
DOBUH	444841N 0201315E	**NILKU**	432055N 0184155E	**TONDO**	460250N 0192121E
DOLAP	432227N 0224606E	**NISVA**	425822N 0224751E	**TRNA1**	441100N 0204526E
DUBA2	444131N 0210412E	**OBODA**	422333N 0185528E	**TUVAR**	450736N 0190439E
DUBO1	430630N 0214141E	**OKANA**	425047N 0222935E	**TUZIV**	422151N 0191947E
DUSA5	455618N 0194505E	**ORJEZ**	434825N 0204716E	**ULMA1**	450109N 0210743E
ETIDA	434109N 0222504E	**OSLUD**	432838N 0184714E	**UTEKA**	435444N 0222332E
GACMO	430834N 0183329E	**OSTRO**	424019N 0185944E	**VAGAN**	424943N 0193052E
GOBO3	433441N 0210838E	**OVCA2**	435356N 0201116E	**VALDA**	415711N 0190854E
GODEK	430736N 0225922E	**PANA3**	442015N 0210218E	**VEBAR**	440812N 0191049E
GOKA1	444024N 0204257E	**PARAK**	460950N 0200539E	**VELIP**	444618N 0213200E
GOLUB	424506N 0184749E	**PAVIS**	450620N 0211422E	**VESLO**	422109N 0183540E
GORA5	434731N 0193034E	**PELZO**	444959N 0201833E	**VIRPA**	421446N 0190529E
GORAV	431829N 0190440E	**PERDO**	421144N 0185609E	**VODI1**	450045N 0212033E
GOXMI	445009N 0200653E	**PEROT**	452402N 0190046E	**VRBA7**	433833N 0205446E
GUCA3	434636N 0201338E	**PETAK**	414631N 0191850E	**VUKI4**	441324N 0201005E
IZVO3	435134N 0213725E	**PIRO7**	430934N 0223519E	**VUKOV**	422106N 0191027E
JAGO6	435842N 0211533E	**PODOB**	433154N 0190840E	**YABU8**	445702N 0203613E
JELOV	425150N 0185405E	**POKU1**	431349N 0213458E	**YAKO1**	444459N 0201501E
KANA3	452008N 0203454E	**POVO1**	444007N 0195420E	**YEZA7**	444016N 0205507E
KEROP	461104N 0194148E	**POXSU**	445058N 0202231E	**YUHU7**	435804N 0211832E
KLEK1	452537N 0202911E	**RASOV**	421213N 0190035E	**ZEMO7**	445323N 0203658E

KOORDINATE SU IZRAŽENE U WGS 84
COORDINATES EXPRESSED IN WGS 84

* Tehnički izveštaj o merenju ne postoji
* Survey report not AVBL





VOLMET
VOLMET SERVICE

Naziv stanice *Name of station*	*Pozivni znak/ IDENT (EM)* *Call singn/ IDENT (EM)*	*FREQ*	*Radno vreme* *Hours of service*	*Aerodromi/helidromi koji su uključeni* *Aerodromes/Heliports included*
BEOGRAD	VHF VOLMET BROADCAST BEOGRAD (A3E)	126.400 MHZ	H24	BEOGRAD/Nikola Tesla NIŠ/Konstantin Veliki ZAGREB/Franjo Tuđman PODGORICA SARAJEVO BUDAPEST/Liszt Ferenc BUCURESTI/Henri Coanda SOFIA THESSALONIKI/Makedonia

FONETSKA ABECEDA I MORZEOV KOD
PHONETIC ALPHABET and MORSE CODE

A	•–	ALFA	**N**	–•	NOVEMBER	**1**	•–––––	WUN
B	–•••	BRAVO	**O**	–––	OSCAR	**2**	••–––	TWO
C	–•–•	CHARLIE	**P**	•––•	PAPA	**3**	•••––	TREE
D	–••	DELTA	**Q**	––•–	QUEBEC	**4**	••••–	FOW-ER
E	•	ECHO	**R**	•–•	ROMEO	**5**	•••••	FIFE
F	••–•	FOXTROT	**S**	•••	SIERRA	**6**	–••••	SIX
G	––•	GOLF	**T**	–	TANGO	**7**	––•••	SEV-EN
H	••••	HOTEL	**U**	••–	UNIFORM	**8**	–––••	AIT
I	••	INDIA	**V**	•••–	VICTOR	**9**	––––•	NIN-ER
J	•–––	JULIETT	**W**	•––	WHISKEY	**0**	–––––	ZERO
K	–•–	KILO	**X**	–••–	X-RAY			
L	•–••	LIMA	**Y**	–•––	YANKEE			
M	––	MIKE	**Z**	––••	ZULU			