



WARNING:
Not for operational use!

VFR CHART-SECTOR 1
Eff. date: 18 APR 2024
NOT TO SCALE!

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- C** TMA DUBROVNIK
FL 205
FL 125
Radar 123.600
- C** TMA SPLIT
FL 125
7500FT MSL
Radar 120.875
- D** TMA SPLIT
7500FT MSL
1000FT AGL
Radar 120.875

- C** TMA DUBROVNIK
FL 205
7500FT MSL
Radar 123.600
- D** TMA DUBROVNIK
7500FT MSL
1000FT AGL
Radar 123.600

- B2** DUBROVNIK
VOR/DME 115.40
CH 101X
DBK 5500
- D2** R182 15DME DBK
- C2** R227 15DME DBK

SECTOR 1 OF VFR CHART WITH RECOMMENDED VFR ROUTES

CROATIA

Effective date: VFR 18 APR 2024
For latest aeronautical information consult AIP, AIP-Supplements and NOTAMS

NOT TO SCALE!

ATTENTION:
Data on prominent transmission lines not complete!
No guarantee for the completeness and accuracy of obstacles!
Spot elevations and contour lines are in feet!

WARNING: Charts are for information only. Not for operational use!

NOTE:
FOR AERODROME OPENINGS
CONSULT RELEVANT PUBLICATIONS!

NOTE:
FOR AERONAUTICAL DATA
OUTSIDE THE AIRSPACE OF ZAGREB FIR
CONSULT RELEVANT PUBLICATIONS

LEGEND

Topography

- Contour
- Approximate contour
- Bluff, cliff or escarpment
- Mountain pass with elevation in ft AMSL
- Spot elevation in ft AMSL
- Highest spot elevation in ft AMSL in Croatia

Hydrography

- Shore line
- Salt pans
- Large river
- River
- Small river, brooks
- Lake
- Swamp

Culture

- Built-up areas
- City, town, village
- Dual highway with connectors
- Dual highway tunnel
- Highway
- Highway under construction
- Primary road
- Secondary road
- Road under construction
- Road bridge
- Road tunnel
- Railroad (single track)
- Railroad (two or more tracks)
- Railroad bridge
- Railroad tunnel
- Cable way
- Zip line
- Transmission line
- Isogonic line

Aerodromes

- Airport; name, location indicator, AD elevation in ft AMSL, RWY length in metres
- Joint civil and military airport; name, location indicator, AD elevation in ft AMSL, RWY length in metres
- Airfield; name, location indicator, AD elevation in ft AMSL, RWY length in metres
- Closed water aerodrome
- Abandoned or closed aerodrome
- Heliport; elevation in ft AMSL
- Oil or gas rig with helideck; elevation in ft AMSL
- Hard surface runway
- Unpaved runway

Radio Navigation Aids

- VOR: Compass rose oriented on the chart to Magnetic North (VAR 2019)
- VOR/DME: Collocated VOR and DME radio navigation aids; DME
- NDB: Non-directional radio beacon

Air Traffic Services

- Flight Information Region (FIR)
- Line of Responsibility (LoR)
- Boundaries (international)
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Areas with possible radio communication difficulties for low level flights
- Terminal control area (TMA), airspace class. C,D
- Terminal control area (TMA), airspace class. E

Prohibited, Restricted and Danger area

- Active only as notified by NOTAM
- Identification of area
- Nationality letter
- P=Prohibited
- R=Restricted
- D=Danger

Danger area over high seas

Temporary reserved and segregated area

- From GND to 1000FT active only as notified by NOTAM.
- Identification of area
- Nationality letter
- TR=Temporary reserved
- TS=Temporary segregated

FLEXIBLE STRUCTURES

- LD111** Flexible structures LD111 can be activated as D-AMA, TRA, TSA. can be published as: LDD111-AMA, LDTR111-AMA, LDTS111-AMA. See AIP, ENR 1.9.2. For all Danger areas, TRAs and TSAs see AIP: ENR 5.1; 5.2

Low level military flight corridors and training areas

Reporting point

Holding fix with WGS-84 coordinates

Entry/exit point

Breakpoint description along Recommended VFR route

Recommended VFR route

VFR recommended route in Bosnia and Herzegovina

VFR transit route in Slovenia

Mandatory (arrival - departure) VFR route

Paragliding and hang gliding activity zone (vertical limit GND-1000 AGL if not specified on the chart)

Parachute activity zone; Vertical limits

Glider activity zone: Glider, paragliding and hang gliding activity zone

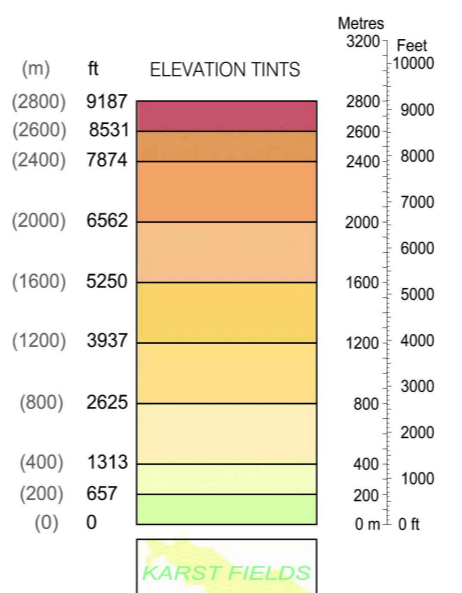
Obstacles

- Obstacles or group of obstacles with a height of the order of 100 m AGL - lighted
- Obstacles or group of obstacles - lighted
- Obstacles or group of obstacles - unlighted
- Obstacles or group of obstacles - lighted
- Obstacle with no elevation data
- Oil or gas rig
- Group of wind turbines, lighted

Temporary border of the territorial sea according to the 2002 Protocol.

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CONVERSION SCALE



VOR/DME

Station	Code	Frequency	Latitude	Longitude
BARNA	VBA	CH 121X	45 44 52.08N	017 08 48.29E
DUBROVNIK	DBK	CH 101X	42 33 13.84N	018 16 38.79E
LOŠINJ	NLT	CH 120Y	44 33 59.44N	014 23 27.79E
PULA	PUL	CH 49Y	44 53 32.52N	013 55 05.23E
RIJEKA	RJK	CH 125X	45 13 26.85N	014 34 01.06E
SPLIT	SPL	CH 104X	43 29 47.69N	016 18 17.00E
ZADAR	ZDA	CH 23X	44 05 43.16N	015 21 51.22E
ZAGREB	ZAG	CH 84X	45 53 44.01N	016 18 24.11E

DME

Station	Code	Frequency	Latitude	Longitude
BRAČ	BRC	CH 101Y	43 16 56.93N	016 37 20.83E
DUBROVNIK	IDU	CH 38X	42 34 08.19N	018 15 07.96E
JAPETIĆ	JAP	CH 123Y	45 44 40.18N	015 36 29.45E
LOŠINJ	LSJ	CH 21Y	44 30 57.23N	014 29 27.66E
LUKAVEC	LUK	CH 35Y	45 41 25.96N	015 59 32.90E
OSIJEK	KLS	CH 29Y	45 27 58.26N	018 47 32.16E
OSIJEK	ISJ	CH 48X	45 27 51.96N	018 47 59.67E
PETROVA GORA	PTG	CH 17Y	45 18 46.05N	015 48 20.06E
SPLIT	IST	CH 42X	43 31 57.61N	016 17 20.86E
ZAGREB	IZA	CH 32X	45 44 05.78N	016 03 12.42E

NDB

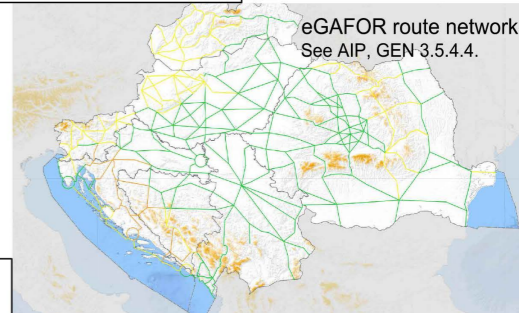
Station	Code	Frequency	Latitude	Longitude
BREZA	BRZ	400KHz	45 25 25.14N	014 20 43.44E
CREŠ	CRE	433KHz	44 54 10.37N	014 24 59.57E
DRVENIK	DVN	418KHz	43 26 48.24N	016 08 37.08E
HUMAC	HUM	412KHz	43 17 13.88N	016 40 42.42E
KAKMA	ZRA	330KHz	43 59 49.76N	015 29 47.31E
KAVRAN	KAV	265KHz	44 53 43.27N	014 00 29.66E
KOLOČEP	KLP	318KHz	42 40 09.42N	018 01 15.07E
LOŠINJ	LOS	429KHz	44 31 37.55N	014 28 22.25E
OSIJEK	OSJ	422KHz	45 27 19.51N	018 50 15.39E
PISAROVINA	PIS	424KHz	45 36 18.10N	015 50 38.39E
PULA	PLA	351.5KHz	44 53 21.15N	013 45 12.66E
SALI	SAL	421KHz	43 56 16.30N	015 10 05.20E
TOUNJ	TNJ	316KHz	45 14 53.22N	015 21 01.25E
TROGIR	TRI	378KHz	43 29 48.59N	016 13 20.78E
VRSAR	VRS	369KHz	45 12 36.66N	013 38 56.31E

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Station	Code	Frequency	Latitude	Longitude
BOKANJAC	BO	385KHz	44 10 09.29N	015 15 50.41E
CAVTAT	CV	397KHz	42 35 06.68N	018 12 45.51E
ČEPIN	CE	372KHz	45 31 42.33N	018 33 36.18E
GRUDA	GR	414KHz	42 32 26.26N	018 19 14.97E
RIJEKA	RI	289KHz	45 08 15.04N	014 39 10.56E
S.KRALJEVEC	SK	350KHz	45 48 20.96N	016 09 52.78E
VELIKA GORICA	VG	325KHz	45 43 31.30N	016 02 31.44E
ZADAR	ZK	348KHz	44 05 40.45N	015 21 54.26E

NOTE:
For entering CTR airspace two-way radio communication required. Contact Tower normally at reporting points or any other point but not later than 5 min prior to entering CTR.

NOTE:
Low level flights in areas with mountainous terrain may encounter difficulties in establishing and maintaining radio communications with Zadar Approach.



REPORTING POINTS

ABLAT	45 23 26N	013 37 34E	NETKO	43 02 30N	017 39 42E
AIOSA	41 55 42N	017 14 54E	NIKOL	44 13 19N	013 41 10E
ALIVO	45 31 24N	014 44 21E	NIVES	45 13 26N	015 54 27E
ARMIX	45 28 57N	014 16 04E	NOVLO	45 13 46N	016 57 11E
BABAG	45 23 13N	013 07 37E	OBUTI	46 22 42N	016 16 27E
BAREB	45 44 46N	018 24 48E	ORVAT	43 29 48N	017 12 56E
BEDOX	46 15 58N	015 49 34E	OSDUK	45 47 15N	018 08 01E
BEVIS	41 55 58N	018 11 40E	PEROT	45 24 02N	019 00 46E
BUGEV	45 27 56N	013 46 24E	PETOV	46 18 35N	015 58 34E
CRAYE	41 30 10N	018 07 45E	PEVON	43 33 31N	017 02 24E
DARZA	45 29 42N	015 00 26E	PODET	46 10 17N	015 37 36E
DEPET	44 40 49N	015 58 10E	RASTU	44 56 32N	015 44 36E
DEVUL	45 07 44N	016 26 28E	REMPI	43 44 12N	016 49 22E
GEMKA	45 28 13N	014 12 15E	ROLBA	45 50 25N	015 39 18E
GIRDA	45 28 32N	014 08 02E	ROTAR	45 15 46N	012 59 44E
GISAM	41 55 07N	017 45 31E	RUDIK	44 59 48N	016 18 18E
GORPA	45 46 23N	015 21 12E	SABAD	45 27 57N	014 52 03E
GUBOK	45 02 41N	017 51 42E	SIRMI	44 09 00N	016 18 13E
IBENI	44 00 51N	013 55 18E	SIVLA	45 06 07N	018 22 54E
KATTI	42 30 28N	016 02 56E	SONIK	44 26 54N	016 08 36E
KENEM	43 38 00N	016 56 48E	TEBLI	45 12 05N	016 40 33E
KOPRY	46 14 25N	016 57 46E	TEPKO	41 44 27N	018 25 41E
KOREX	44 46 16N	015 46 09E	TIBRI	42 24 38N	018 33 15E
LABIN	44 59 09N	013 05 29E	TORPO	43 33 51N	014 25 29E
LAPOV	45 00 15N	019 05 44E	TUVAR	45 07 36N	019 04 39E
LOKDI	41 29 02N	018 20 22E	UMBEK	45 32 40N	013 25 11E
LULUD	45 50 33N	015 41 00E	UNIPA	44 01 46N	016 28 58E
LURID	45 08 06N	017 23 58E	VAKSU	42 00 51N	018 31 37E
MADOS	42 36 09N	018 14 57E	VAPUP	43 03 21N	015 12 20E
MAGAM	45 58 22N	015 42 11E	VEBAL	45 59 29N	017 17 48E
MOKUN	42 27 01N	018 28 48E	VELIT	43 21 06N	017 16 38E
MONFA	45 29 14N	013 16 45E	VELUG	42 54 27N	015 26 15E
NEKIN	46 24 26N	016 42 12E	VIBOP	44 59 57N	018 43 39E
NEMEK	45 34 29N	015 17 53E	XAMIT	43 18 42N	014 47 52E
NERRA	42 54 19N	017 32 36E			