

NAVAIDS LIST FOR BALKANS THEATER v1.1 (Created and tested with theater version 1.1) - FALCON BMS 4.33

| AIRPORT | TACAN CHAN. | TACAN RANGE (N.M.) | ILS LOC FREQUENCY (RUNWAY) | TOWER FREQ. UHF / VHF | | RUNWAY | RUNWAY ELEV. (FT - MSL) | NAVAID (AIRPORTS) OR MIDDLE OF RWY (AIRSTRIPS) COORDINATES (LAT - LNG) |
|-----------------|-------------------------------------|--------------------------|--|--------------------------|---------|--------------------|-------------------------------|--|
| ITALY | | | | | | | | |
| AMENDOLA | 099 X | 40 | _____ | 234.50 | 118.20 | 11 / 29 | 180 | N 41° 07.190' E 16° 46.553' |
| AMPUGNANO | 039 X | 25 | _____ | _____ | 122.60 | 18 / 36 | 600 | N 42° 42.027' E 11° 19.430' |
| ASIAGO | 081 X (VICENZA) R-327 17DME | | | _____ | 122.65 | 05 / 23 L / R | 3,240 | N 45° 08.593' E 11° 39.344' |
| AVIANO | 111 X | 40 | 109.50 (05) | 284.65 | 134.10 | 05 / 23 | 320 | N 45° 16.137' E 13° 03.652' |
| BOLZANO | 117 X | 40 | 109.10 (02L) | _____ | 120.60 | 02 / 20 L / R | 740 | N 45° 38.768' E 11° 23.509' |
| BORGIO PANIGALE | 120 X | 50 | 108.90 (12) 109.75 (30) | _____ | 129.90 | 12 / 30 | 100 | N 43° 54.232' E 11° 21.314' |
| CAPODICHINO | 126 X | 40 | 110.15 (08) 109.50 (26) | _____ | 118.50 | 08 / 26 | 140 | N 40° 34.859' E 14° 58.033' |
| CASALE | 079 X | 200 | 109.50 (33) | 386.875 | 118.10 | 01 / 19 15 / 33 | 0 | N 40° 19.771' E 19° 23.621' |
| CERVIA | 083 X | 40 | 110.35 (11) | 338.225 | 124.90 | 11 / 29 | 20 | N 43° 35.911' E 12° 45.286' |
| CIAMPINO | 045 X | 40 | 109.90 (16) | 308.775 | 120.50 | 16 / 34 | 330 | N 41° 23.355' E 12° 57.432' |
| CROTONE | 118 X | 150 | _____ | _____ | 119.00 | 02 / 20 | 440 | N 38° 47.628' E 18° 10.369' |
| FALCONARA | 035 X | 200 | 111.90 (20) | _____ | 119.80 | 02 / 20 | 140 | N 43° 01.425' E 13° 59.475' |
| FIUMICINO | 096 X | 150 | 108.10 (14L) 111.55 (32R) 109.75 (14R) 108.90 (32L) | _____ | 127.625 | 14 / 32 L / R | 0 | N 41° 22.277' E 12° 31.550' |
| FORLI | 097 X | 40 | 109.70 (12) | _____ | 119.75 | 12 / 30 | 100 | N 43° 35.373' E 12° 20.719' |
| FROSINONE | 103 X | 50 | _____ | 258.70 | 119.35 | 16 / 34 | 720 | N 41° 16.350' E 13° 43.106' |
| GALATINA | 075 X | 40 | 111.75 (32) | 234.60 | 119.55 | 14 / 32 | 160 | N 39° 57.679' E 19° 34.256' |
| GINO LISA | 105 X | 40 | _____ | _____ | 120.10 | 16 / 34 | 250 | N 41° 02.879' E 16° 31.885' |
| GIOIA DEL COLLE | 125 X | 150 | _____ | 275.325 | 122.45 | 14 / 32 L / R | 1,180 | N 40° 28.393' E 18° 09.613' |
| GRAZZANISE | 122 X | 200 | _____ | 234.65 | 118.025 | 08 / 26 | 30 | N 40° 42.942' E 14° 43.585' |
| GROSSETO | 036 X | 40 | _____ | 264.75 | 128.10 | 02 / 20 | 10 | N 42° 16.701' E 11° 05.462' |
| GROTTAGLIE | 115 X | 40 | 108.35 (02) | _____ | 118.70 | 02 / 20 | 190 | N 40° 11.689' E 18° 43.115' |
| GUIDONIA | 045 X (CIAMPINO) R-037 13DME | | | 257.80 | 142.35 | 16 / 34 18 / 36 | 270 | N 41° 34.132' E 13° 08.561' |
| ISTRANA | 054 X | 220 | _____ | 387.675 | 122.10 | 08 / 26 | 140 | N 44° 58.355' E 12° 27.212' |
| LAMEZIA TERME | 071 X | 25 | 110.30 (02) | 257.85 | 125.90 | 02 / 20 | 50 | N 38° 43.857' E 17° 12.658' |
| LATINA | 049 X | 60 | 110.35 (12) | 275.375 | 119.15 | 12 / 30 | 90 | N 41° 08.268' E 13° 18.445' |
| MATERA | 125 X (GIOIA DEL COLLE) R-223 28DME | | | _____ | 123.10 | 14 / 32 | 330 | N 40° 07.917' E 17° 42.076' |
| MATTARELLO | 094 X | 25 | _____ | _____ | 119.65 | 18 / 36 | 580 | N 45° 16.137' E 11° 08.805' |
| MIRAMARE | 109 X | 40 | 109.30 (30) | 278.10 | 119.10 | 12 / 30 | 10 | N 43° 24.596' E 13° 02.017' |
| PADOVA | 054 X (ISTRANA) R-228 23DME | | | _____ | 123.25 | 05 / 23 L / R | 50 | N 44° 42.728' E 12° 01.797' |





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|----------------------|-------------------------------|--------------------------|-------------------------------|--------------------------|---------|---------------|-------------------------------|--|
| 🇮🇹 ITALY (Continued) | | | | | | | | |
| PALESE | 112 X | 80 | 111.35 (08) | — | 118.30 | 08 / 26 | 140 | N 40° 45.636' E 17° 59.371' |
| PERETOLA | 072 X | 50 | 110.30 (03) | — | 118.35 | 03 / 21 | 220 | N 43° 14.358' E 11° 14.423' |
| PESCARA | 106 X | 80 | 110.70 (22) | — | 118.475 | 04 / 22 | 30 | N 41° 57.303' E 14° 55.125' |
| PRATICA DI MARE | 024 X | 40 | 109.55 (30) | 358.90 | 122.05 | 12 / 30 | 130 | N 41° 14.734' E 12° 48.573' |
| RAVENNA | 083 X (CERVIA) R-316 12DME | | | — | 123.55 | 08 / 26 | 0 | N 43° 45.072' E 12° 32.872' |
| REGGIO CALABRIA | 047 X | 80 | 109.30 (14R) | — | 118.25 | 14 / 32 L / R | 0 | N 37° 54.822' E 16° 25.451' |
| RIVOLTO | 037 X | 40 | — | 242.475 | 139.25 | 06 / 24 | 160 | N 45° 14.520' E 13° 41.857' |
| RONCHI DEI LEGIONARI | 089 X | 40 | 110.75 (11) | — | 130.20 | 11 / 29 | 30 | N 45° 05.360' E 14° 13.480' |
| S. ANGELO | — | — | 109.30 (08) | 278.20 | 118.65 | 08 / 26 | 50 | N 44° 55.122' E 12° 31.696' |
| S. FRANCESCO | 031 X | 50 | 110.95 (01) | — | 118.075 | 01 / 19 | 660 | N 42° 35.561' E 12° 53.086' |
| SAN PANCRAZIO | 079 X (CASALE) R-204 13DME | | | — | 124.80 | 02 / 20 | 150 | N 40° 07.917' E 19° 15.106' |
| TESSERA | 100 X | 40 | 109.95 (05R) | — | 120.20 | 05 / 23 L / R | 0 | N 44° 48.117' E 12° 45.940' |
| URBE | 096 X (FIUMICINO) R-061 19DME | | | — | 123.80 | 16 / 34 | 80 | N 41° 31.438' E 12° 53.357' |
| VICENZA | 081 X | 80 | — | 257.70 | 130.40 | 18 / 36 | 120 | N 44° 54.583' E 11° 52.879' |
| 🇮🇹 SICILY - ITALY | | | | | | | | |
| BIRGI | 025 X | 200 | 110.95 (32R) | 396.85 | 119.70 | 14 / 32 L / R | 50 | N 37° 48.355' E 12° 45.370' |
| FONTANAROSSA | 107 X | 200 | 109.90 (08) | — | 118.60 | 08 / 26 | 430 | N 37° 26.263' E 15° 39.259' |
| PANTELLERIA | 108 X | 100 | 110.90 (20L) | — | 118.45 | 02 / 20 L / R | 60 | N 36° 48.005' E 12° 06.285' |
| PUNTA RAISI | 077 X | 40 | 110.55 (23L) 109.50 (23R) | — | 119.05 | 05 / 23 L / R | 50 | N 38° 02.904' E 13° 27.458' |
| SIGONELLA | 053 X | 200 | 108.15 (10R) | 337.60 | 118.05 | 10 / 28 L / R | 80 | N 37° 18.719' E 15° 33.371' |
| 🇦🇱 ALBANIA | | | | | | | | |
| CERRIK | 124 X (TIRANA) R-142 28DME | | | — | 122.40 | 05 / 23 L / R | 420 | N 40° 40.247' E 21° 56.803' |
| GJADER | 124 X (TIRANA) R-348 27DME | | | — | 137.00 | 16 / 34 | 20 | N 41° 28.205' E 21° 34.634' |
| GJIROKASTER | 124 X (TIRANA) R-162 79DME | | | — | 130.60 | 16 / 34 | 740 | N 39° 46.902' E 21° 57.354' |
| KORCE NORTHWEST | 124 X (TIRANA) R-128 72DME | | | — | 127.50 | 02 / 20 | 2,510 | N 40° 18.694' E 22° 45.589' |
| KUCOVA | 124 X (TIRANA) R-168 36DME | | | — | 131.00 | 02 / 20 | 100 | N 40° 26.776' E 21° 42.567' |
| KUKES | 058 X | 25 | — | — | 119.825 | 02 / 20 | 920 | N 41° 35.749' E 22° 35.672' |
| LAPRAKA | 124 X (TIRANA) R-154 6DME | | | — | 123.90 | 12 / 30 | 190 | N 40° 56.952' E 21° 41.016' |
| LUSHNJE (Strip) | 124 X (TIRANA) R-187 24DME | | | — | 125.60 | 18 / 36 | 50 | N 40° 38.901' E 21° 31.015' |
| MIFOL | 124 X (TIRANA) R-200 48DME | | | — | 131.90 | 02 / 20 | 10 | N 40° 17.077' E 21° 09.242' |
| SHKODER | 124 X (TIRANA) R-346 36DME | | | — | 128.30 | 14 / 32 | 70 | N 41° 36.826' E 21° 31.721' |
| TIRANA | 124 X | 200 | 109.10 (02) | — | 123.50 | 02 / 20 | 120 | N 41° 02.340' E 21° 38.318' |

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|---------------------------------|----------------|--------------------------|-------------------------------|--------------------------|---------|-------------------------------|--|
| BOSNIA & HERZEGOVINA | | | | | | | |
| BANJA LUKA | 095 X | 40 | 108.70 (16) | — | 133.075 | 16 / 34 | 380 N 44° 16.325' E 19° 04.262' |
| BIHAC | | | | — | 123.35 | 12 / 30 | 1,050 N 44° 11.475' E 17° 07.113' |
| BRCKO (Strip) | | 026 X (TUZLA) | R-348 28DME | — | 129.20 | 09 / 27 | 270 N 44° 17.403' E 20° 47.167' |
| GORAZDE (Strip) | | 114 X (SARAJEVO) | R-111 42DME | — | 122.70 | 09 / 27 | 2,350 N 42° 59.809' E 21° 09.288' |
| MOSTAR | 116 X | 70 | 108.10 (34L) | — | 125.55 | 16 / 34 L / R | 160 N 42° 43.643' E 19° 34.574' |
| SARAJEVO | 114 X | 150 | 110.70 (12) | — | 118.225 | 12 / 30 | 1,620 N 43° 14.896' E 20° 18.161' |
| TUZLA | 026 X | 50 | 110.10 (12) | — | 132.925 | 12 / 30 | 740 N 43° 50.460' E 20° 50.571' |
| CROATIA | | | | | | | |
| BREZOVAC (Strip) | | 034 X (PLESO) | R-081 43DME | — | 123.30 | 18 / 36 | 290 N 45° 07.245' E 18° 37.048' |
| CILIP | 101 X | 80 | 110.10 (30) | — | 118.425 | 12 / 30 | 140 N 42° 04.308' E 20° 04.069' |
| GROBNICKO POLJE | | 048 X (PULA) | R-054 42DME | — | 123.45 | 08 / 26 | 740 N 44° 37.879' E 15° 32.966' |
| JELAS (Strip) | | 030 X (KLISA) | R-251 51DME | — | 123.60 | 09 / 27 | 270 N 44° 28.719' E 19° 55.442' |
| KARLOVAC (Strip) | | 034 X (PLESO) | R-234 33DME | — | 136.00 | 18 / 36 | 520 N 44° 41.382' E 16° 57.374' |
| KASTELA | 104 X | 100 | 110.50 (03) | — | 124.675 | 03 / 21 | 50 N 42° 59.270' E 17° 39.624' |
| KLISA | 030 X | 80 | 111.50 (20R) | — | 120.15 | 02 / 20 L / R | 280 N 44° 44.884' E 21° 05.834' |
| PLESO | 034 X | 80 | 109.50 (05L) 109.10 (23R) | — | 119.125 | 05 / 23 L / R | 340 N 45° 00.510' E 17° 36.703' |
| PULA | 048 X | 100 | 111.50 (26) | — | 132.00 | 08 / 26 | 140 N 44° 13.092' E 14° 45.181' |
| SEPURINE (Strip) | | 022 X (ZEMUNIK) | R-306 11DME | — | 125.20 | 09 / 27 | 60 N 43° 36.451' E 16° 20.744' |
| UDBINA | | 022 X (ZEMUNIK) | R-039 33DME | — | 118.175 | 12 / 30 | 2,080 N 43° 55.849' E 17° 04.006' |
| VARAZDIN | | 034 X (PLESO) | R-030 34DME | — | 118.275 | 02 / 20 | 520 N 45° 30.147' E 18° 04.002' |
| ZEMUNIK | 022 X | 100 | 110.10 (08) | — | 123.70 | 08 / 26 | 230 N 43° 29.984' E 16° 32.425' |
| F.Y.R.O.M. | | | | | | | |
| ST. PAUL THE APOSTLE | 073 X | 25 | 108.90 (02) | — | 119.20 | 02 / 20 | 2,140 N 40° 48.330' E 22° 50.102' |
| GREECE | | | | | | | |
| AKTION | 029 X | 100 | 110.90 (08) | 243.00 | 120.45 | 08 / 26 | 0 N 38° 43.318' E 22° 31.696' |
| ANNA POLLATOU | 102 X | 100 | | 257.90 | 122.25 | 03 / 21 | 130 N 38° 00.749' E 22° 05.798' |
| DIONISIOS SOLOMOS | 044 X | 40 | | 257.75 | 125.425 | 02 / 20 | 40 N 37° 39.734' E 22° 27.830' |
| KING PYRROS | 023 X | 60 | | 257.60 | 132.20 | 14 / 32 | 1,640 N 39° 24.809' E 22° 40.598' |
| HUNGARY | | | | | | | |
| NAGYKANIZSA | | | | — | 136.70 | 16 / 34 | 420 N 45° 37.691' E 18° 51.955' |
| OCSENY | | | | — | 122.825 | 16 / 34 | 220 N 45° 30.686' E 21° 10.921' |
| POGANY | 020 X | 25 | 108.35 (34) | — | 126.90 | 16 / 34 | 490 N 45° 16.137' E 20° 26.196' |

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|---|----------------------------------|--------------------------|-------------------------------|-----------------------------------|---------|-------------------------------|--|-----------------------------|
|  HUNGARY (Continued) | | | | | | | | |
| SATORHELY | 020 X (POGANY) R-103 22DME | | | —— | 128.70 | 09 / 27 | 390 | N 45° 10.749' E 20° 55.115' |
| SZEGED | 085 X | 25 | —— | —— | 122.80 | 02 / 20 L / R | 240 | N 45° 26.914' E 22° 56.235' |
| TASZAR | 090 X | 40 | —— | 344.30 | 123.00 | 16 / 34 L / R | 450 | N 45° 37.152' E 20° 04.298' |
|  MONTENEGRO | | | | | | | | |
| DANILOVGRAD (Strip) | 078 X (PODGORICA) R-331 11DME | | | —— | 129.40 | 09 / 27 | 170 | N 42° 02.153' E 21° 07.245' |
| DOLAC | 078 X (PODGORICA) R-055 41DME | | | —— | 123.65 | 01 / 19 | 2,150 | N 42° 16.701' E 22° 00.917' |
| PODGORICA | 078 X | 80 | 109.90 (05L) | —— | 118.125 | 05 / 23 L / R | 110 | N 41° 52.992' E 21° 12.665' |
| TIVAT | 050 X | 25 | 111.30 (32) | —— | 119.325 | 14 / 32 | 10 | N 41° 55.147' E 20° 33.904' |
|  SERBIA | | | | | | | | |
| BATAJNICA | —— | —— | 108.90 (14L) | —— | 118.15 | 14 / 32 L / R | 260 | N 44° 15.786' E 22° 52.927' |
| KOVIN | 070 X (NIKOLA TESLA) R-096 33DME | | | —— | 135.00 | 12 / 30 | 230 | N 44° 07.164' E 23° 42.231' |
| LADEVCI | 110 X | 25 | —— | —— | 127.225 | 14 / 32 | 660 | N 43° 14.358' E 23° 06.723' |
| NIKOLA TESLA | 070 X | 150 | 110.30 (12) 109.90 (30) | —— | 118.75 | 12 / 30 | 250 | N 44° 10.398' E 22° 57.851' |
| PONIKVE | 070 X (NIKOLA TESLA) R-213 64DME | | | —— | 126.825 | 12 / 30 | 2,600 | N 43° 17.052' E 21° 59.159' |
| SABAC (Strip) | 070 X (NIKOLA TESLA) R-267 38DME | | | —— | 124.30 | 18 / 36 | 200 | N 44° 08.512' E 22° 04.907' |
| SJENICA | 070 X (NIKOLA TESLA) R-190 89DME | | | —— | 130.10 | 12 / 30 | 3,330 | N 42° 43.104' E 22° 19.520' |
| SOMBOR | 070 X (NIKOLA TESLA) R-306 85DME | | | —— | 135.20 | 14 / 32 | 270 | N 44° 59.971' E 21° 29.824' |
|  SLOVENIA | | | | | | | | |
| BLOSKA POLICA (Strip) | 119 X (BRNIK) R-165 27DME | | | —— | 127.80 | 09 / 27 | 2,420 | N 45° 01.050' E 15° 39.759' |
| BRNIK | 119 X | 50 | 110.50 (30) | —— | 118.00 | 12 / 30 | 1,170 | N 45° 26.914' E 15° 32.285' |
| CERKLJE OB KRKI | —— | | | —— | 118.55 | 08 / 26 | 500 | N 45° 09.671' E 16° 53.441' |
| NOVO MESTO (Strip) | —— | | | —— | 123.75 | 09 / 27 | 480 | N 45° 06.977' E 16° 40.567' |
| OREHOVA VAS | 038 X | 25 | 110.10 (34) | —— | 134.30 | 16 / 34 | 830 | N 45° 40.924' E 17° 10.600' |
| SECOVLJE | 098 X | 50 | —— | —— | 124.875 | 16 / 34 | 150 | N 44° 44.345' E 14° 22.166' |
| SLOVENJ GRADEC | 119 X (BRNIK) R-068 38DME | | | —— | 123.40 | 16 / 34 | 1,380 | N 45° 41.463' E 16° 23.604' |
| ENROUTE NAVAID | | | | | | | | |
| CHIOGGIA VORTAC | 088 X | 80 | ID CHI | At 8NM S of Chioggia city - Italy | | | N 44° 21.175' E 12° 39.096' | |

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|-------------------------|----------------|--------------------------|-------------------------------|--------------------------|--------|--------|-------------------------------|--|
| AIRCRAFT CARRIERS | | | | | | | | |
| USS ENTERPRISE CVN65 | 016 X | 100 | 109.35 | 225.80 | 144.60 | ———— | 60 | ————— |
| USS CARL VINSON CVN70 | 010 X | 100 | 111.70 | 228.10 | 141.80 | ———— | 60 | ————— |
| USS T. ROOSEVELT CVN71 | 011 X | 100 | 110.10 | 227.90 | 146.50 | ———— | 60 | ————— |
| USS ABR. LINCOLN CVN72 | 012 X | 100 | 108.30 | 226.40 | 143.30 | ———— | 60 | ————— |
| USS G. WASHINGTON CVN73 | 013 X | 100 | 109.50 | 228.50 | 145.10 | ———— | 60 | ————— |
| USS JOHN STENNIS CVN74 | 014 X | 100 | 110.90 | 225.20 | 147.20 | ———— | 60 | ————— |
| USS HARRY TRUMAN CVN75 | 015 X | 100 | 108.55 | 229.30 | 142.00 | ———— | 60 | ————— |

Notes:

1) Airports with 2 runways have the larger one with bold numbers, e.g. **05** / 23 **L** / R means that the runway 05L / 23R is the larger one or if you see 109.10 (**02L**) means that the larger runway (and specific the runway end 02L) has ILS LOC with frequency 109.10.

2) Aircraft carriers ATC (tower) can be contacted **ONLY** by NATO aircrafts! Their TACAN signal can be received by both sides, means NATO and FRY aircrafts.