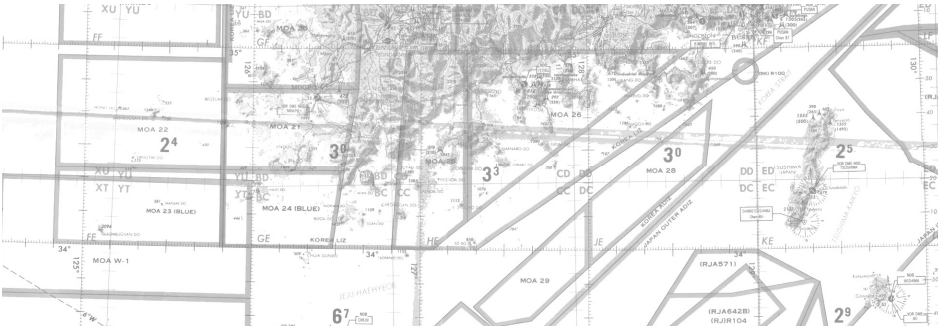




Falcon 4.0 (BMS)

Navigation : Balkan Volume

Not suited for Real Operations
For FALCON BMS 4.32 Use Only

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TACAN SELECTION – NORMAL MODE

1. ICP Select T-ILS page
2. DED Check scratchpad selected. If not use the DCS-up btn to select scratchpad entry.(between asterisks)
3. ICP Input TCN channel (numeric btns) then ENTER key
4. DED Check TCN domain (A/A TR or TR) Toggle domain with DCS-SEQ button.
5. DED Check band. X for ground Y for air. Change band by inputting 0 (zero) on the scratchpad.
6. HSI Select TCN mode and check in range (flags off)
7. HSI Select Radial (CRS knob) and navigate.
8. ICP DCS-Rtn button to return to main DED page.

TACAN SELECTION – BACKUP OPS

1. TACAN switch Select BACKUP
2. TACAN domain As required manually A/A TR or TR
3. TACAN band As required manually X (ground) or Y (air)
4. TACAN channel manually input TCN channel.
5. HSI Select TCN mode and check in range (flags off)
6. HSI Select Radial (CRS knob) and navigate
7. TACAN switch Back to UFC if required.

Backup mode is provided in case of avionic failure or battle damage. When all instruments are lost the backup mode may be the only mean to recover to friendly territory. All backup switches are on the left panel.

ILS SELECTION

1. ICP Select T-ILS page
2. DED Check scratchpad selected. If not use the DCS-up btn to select scratchpad entry (between asterisks)
3. ILS Input ILS frequency (5 digits) then ENTER key
4. CRS Check CRS selected. If not use DCS-down to select CRS entry. Input RWY CRS (3 digits)
5. CMD STRG As required (ON or OFF) visible in HUD only
6. HSI Select TCN/ILS or NAV/ILS mode and set RWY CRS
7. ADI Confirm Flags OFF (Loc & Glide)
8. HUD & HSI Confirm ILS loc & glide bars visible.

LOC interception is performed first. GLIDE interception then follows **from below**. Normally LOC and GLIDE interception is completed at Outer Marker and gear is lowered.

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USE FOR NOTES**

AIRBASES - ITALY

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	RWY	Elev	GPS Coord
Amendola	257.8 / 118.2	054X	40		11/29	160	N41°07.44' E16°47.02'
Ampugnano	359.15 / 122.1	039X	50		18/36	638	N42°42.03' E11°19.43'
Asiago	334.2 / 122.6	R353° 081X Dme17			05/23 L/R	3409	N45°08.59' E11°39.34'
Aviano	284.65 / 142.05	111X	25	109.5 (03)	03/21	418	N45°16.71' E13°05.20'
Bologna	257.8 / 120.8	059X	50	108.9 (12)	12/30	122	N43°54.23' E11°21.31'
Bolzano	257.8 / 120.6	117X	25		02/20 L/R	784	N45°38.77' E11°23.51'
Brindisi-Casale	257.8 / 118.1	079X	50	109.5 (33)	01/19 15/33	48	N40°19.77' E19°23.62'
Capodichino	235.15 / 118.5	125X	25	109.5 (26)	08/26	298	N40°34.86' E14°58.03'
Cervia	338.225 / 122.1	083X	40		12/30	19	N43°36.99' E12°40.85'
Ciampino	308.775 / 120.5	045X	40	109.9 (16)	16/34	426	N41°23.35' E12°57.83'
Crotone	257.8 / 119.1	R085° 072X Dme46			02/20	520	N38°47.63' E18°10.37'
Falconara	257.8 / 119.8	035X	25	111.9 (20)	02/20	50	N43°01.43' E13°59.48'
Fiumicino Intl.	305.5 / 118.7	096X	80	109.7 (14R) 108.1 (14L)	16/34 L/R	14	N41°22.28' E12°31.55'
Forli	257.8 / 118.95	R262° 083X Dme15			12/30	98	N43°35.37' E12°20.72'
Frosinone	360.4 / 122.1	R096° 096X Dme55			16/34	594	N41°16.35' E13°43.11'
Ginolisa	362.3 / 118.85	R246° 054X Dme12			16/34	266	N41°08.88' E16°31.88'
Gioia del colle	275.325 / 122.1	124X	50		16/34 L/R	1187	N40°26.24' E18°10.09'
Grazzanise	324.65 / 118.025	122X	25		08/26	29	N40°42.94' E14°43.58'
Grosseto	264.75 / 122.1	028X	25		02/20	15	N42°16.70' E11°05.46'
Grottaglie	257.8 / 118.7	115X	40		02/20	216	N40°11.69' E18°43.12'

AIRBASES - ITALY (CONT)

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	RWY	Elev	GPS Coord
Guidogna	257.8 / 122.1	R066° 096X Dme30			16/34 18/36	289	N41°34.13' E13°08.56'
Istrana	234.1 / 122.1	054X	25		08/26	143	N44°58.30' E12°25.01'
Lamezia Terme	257.8 / 119.7	072X	50	110.3 (02)	02/20	40	N38°43.86' E17°12.66'
Latina	261.0 / 119.15	049X	50		12/30	93	N41°08.27' E13°18.44'
Lecce	234.65 / 119.55	075X	50		14/32	158	N39°27.14' E19°34.19'
Matera	230.95 / 126.2	R227° 124X Dme27			14/32	360	N40°07.92' E17°42.08'
Mattarello	220.1 / 119.65	R315° 081X Dme35			08/26	607	N45°16.68' E11°08.81'
Padova	257.8 / 123.25	R125° 081X Dme17			05/23 L/R	44	N44°42.73' E12°01.80'
Palese Macchie (Lezhe in 4.5)	302.5 / 118.3	100X	50	109.3 (08) 111.3 (26)	08/26	176	N40°45.64' E17°59.57'
Peretola	230.15 / 118.3	072X	50	110.3 (03)	03/21	144	N43°14.36' E11°15.16'
Perugia	325.15 / 118.1	031X	50	110.95 (01)	01/19	693	N42°35.56' E12°53.09'
Pescara	257.8 / 118.45	106X	50	110.7 (20)	02/20	48	N41°57.30' E14°55.13'
Practica di Mare	358.9 / 122.1	024X	40	108.5 (30)	12/30	41	N41°14.73' N12°48.57'
Ravenna	230.15 / 123.5	R323° 083X Dme10			08/26	0	N43°45.07' E12°32.87'
Reggio Calabria	257.8 / 118.25	047X	50	109.3 (14R) 111.0 (14L)	14/32 L/R	95	N37°55.36' E16°26.17'
Rimini	278.1 / 119.1	109X	50	109.3 (30)	12/30	41	N43°24.60' E13°02.02'
Rivolto	234.15 / 122.1	037X	50		08/26	184	N45°13.44' E13°39.51'
Roma Urbe	257.8 / 123.8	R063° 096X Dme19			16/34	55	N41°34.44' E12°53.36'
Ronchi dei legionari	257.8 / 130.2	089X	40	109.7 (11)	11/29	37	N45°06.36' E14°13.48'
San Pancrazio	230.15 / 118.1	R205° 079X Dme15			02/20	160	N40°07.92' E19°15.11'
Treviso	278.2 / 118.7	R086° 081X Dme35		109.3 (08)	08/26	57	N44°55.12' E12°31.70'

AIRBASES - ITALY (CONT)

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	RWY	Elev	GPS Coord
Venezia Tessera	257.8 / 120.2	100X	40	110.3 (05R)	05/23 L/R	7	N44°47.58' E12°45.92'
Vicenza	389.25 / 130.4	081X	50		18/36	128	N44°52.43' E11°43.72'

AIRBASES - SICILY

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	RWY	Elev	GPS Coord
Catania Fontanarossa	234.5 / 118.7	058X	50	109.9 (08) 109.9 (23L) 109.5 (23R)	08/26	40	N37°26.26' E15°39.26'
Palermo	257.8 / 119.05	077X	50		05/23 L/R	64	N38°02.80' E13°27.46'
Pantelleria	279.125 / 118.45	108X	50		02/20 L/R	636	N36°48.54' E12°06.29'
Sigonella	337.6 / 118.05	053X	50		14/32 L/R	81	N37°19.80' E15°30.73'
Trapani Birgi	339.45 / 119.7	025X	50		16/34 L/R	25	N37°48.36' E12°45.37'

AIRBASES – GREECE

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	RWY	Elev	GPS Coord
Ioannina	257.8 / 132.2	023X	50	110.9 (08)	14/32	1563	N39°24.81' E22°40.60'
Kefallinia	257.8 / 122.25	047X	50		03/21	60	N38°00.75' E22°05.80'
Preveza	257.8 / 122.1	029X	50		08/26	13	N38°43.32' E22°31.70'
Zakynthos	257.8 / 125.5	045X	50		02/20	14	N37°39.73' E22°27.83'

AIRBASES – MACEDONIA

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	RWY	Elev	GPS Coord
Ohrid	250.2 / 119.2	072X	25	108.9 (02)	02/20	2313	N40°48.33'N E22°50.10'

AIRBASES & AIRSTRIPS – ALBANIA

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	RWY	Elev	GPS Coord
Berat	230.15 / 119.2	R160° 076X Dme93			02/20	420	N40°26.78' E21°42.57'
Cerrik airstrip	231.4 / 123.4	R146° 076X Dme103			18/36	920	N40°27.85' E22°13.19'
Durres airstrip	231.4 / 123.4	R167° 076X Dme56			18/36	40	N40°59.11' E21°19.95'
Elbasan	230.15 / 119.15	R150° 076X Dme86			05/23 L/R	440	N40°40.25' E21°56.80'
Gjirokaster	230.15 / 126.2	R302° 023X Dme43			16/34	666	N39°46.90' E21°57.35'
Gramsh	230.15 / 129.5	R142° 076X Dme32			16/34	23	N41°28.20' E21°34.63'
Korce North	230.15 / 126.2	R357° 023X Dme55			02/20	665	N40°18.69' E22°45.59'
Kukes	230.15 / 126.2	R105° 076X Dme68			14/32	1120	N41°35.75' E22°35.67'
Lushnje airstrip	231.4 / 123.4	R163° 076X Dme78			18/36	60	N40°39.17' E21°31.06'
Mifol	230.15 / 126.2	R175° 076X Dme98			02/20	110	N40°17.08' E21°09.24'
Peshkopi airstrip	231.4 / 123.4	R120° 076X Dme77			18/36	2500	N41°15.27' E22°34.18'
Shkoder	230.15 / 126.2	R135° 076X Dme23			14/32	80	N41°36.83' E21°31.72'
Tirane Lapranka	230.15 / 126.2	R154° 076X Dme63			12/30	295	N40°56.95' E21°42.02'
Tirane Rinas	230.15 / 122.5	R154° 076X Dme58			02/20	125	N41°02.34' E21°38'.32'

AIRBASES & AIRSTRIPS – SLOVENIA

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	RWY	Elev	GPS Coord
Bloska Polica airstrip	236.6 / 122.6	R165° 074X Dme27			09/27	2550	N45°45.01' E15°39.37'
Cerklje airstrip	236.6 / 122.6	R279° 084X Dme41			09/27	510	N45°06.98' E16°40.18'
Cerklje	230.15 / 126.2	R106° 074X Dme62			08/26	510	N45°09.67' E16°53.44'
Ljubljana	385.15 / 118.1	074X	100	110.5 (30)	12/30	1273	N45°26.91' E15°31.52'
Maribor	375.15 / 119.2	R079° 074X Dme70			16/34	876	N45°40.92' E17°10.60'
Portoroz	230.15 / 129.325	R227° 074X Dme65			16/34	7	N44°44.34' E15°32.97'
Slovenj Gradec	205.2 / 123.5	R069° 074X Dme39			16/34	1645	N45°42.00' E16°23.66'

AIRBASES & AIRSTRIPS – MONTENEGRO

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	RWY	Elev	GPS Coord
Danilovgrad airstrip	233.7 / 127.7	R328° 076X Dme11			09/27	180	N42°02.15' E21°06.88'
Gorazde airstrip	233.7 / 127.7	R290° 114X Dme42			09/27	2480	N42°59.81' E21°08.92'
Ivangrad	230.15 / 118.1	R055° 076X Dme41			01/19	2270	N42°16.70' E22°00.92'
Podgorica	305.4 / 118.2	076X	80	111.0 (23R)	05/23 L/R	121	N41°52.99' E21°12.66'
Tivat	324.15 / 118.0	R275° 076X Dme29			14/32	20	N41°55.15' E20°33'.90'

AIRBASES & AIRSTRIPS – SERBIA

Airport	Twf (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	RWY	Elev	GPS Coord
Batajnica	230.15 / 118.15	R324° 070X Dme7			16/34 L/R	265	N44°15.79' E22°57.85'
Beograd	275.195 / 118.1	070X	150	110.3 (12) 109.9 (30)	12/30	335	N44°10.40' E22°57.85'
Kovin	230.15 / 118.1	R096° 070X Dme33			12/30	280	N44°07.16' E23°42.23'
Kraljevo	230.15 / 118.1	R165° 070X Dme59			14/32	680	N43°14.36' E23°06.72'
Lepa Glava	230.15 / 118.1	R213° 070X Dme65			12/30	2733	N43°15.15' E21°59.16'
Sabac airstrip	233.7 / 127.7	R267° 070X Dme38			18/36	210	N44°08.78' E22°04.96'
Sjenica	230.15 / 118.1	R190° 070X Dme090			12/30	3285	N42°43.10' E22°19.52'
Sombor	230.15 / 118.1	R305° 070X Dme86			14/32	290	N45°00.51' E21°29.92'

AIRBASES & AIRSTRIPS – BOSNIA HERZEGOVINA

Airport	Twf (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	RWY	Elev	GPS Coord
Banja Luka	295.4 / 118.95	R316°114X Dme86		108.7 (16)	16/34	400	N44°16.32' E19°04.26'
Bihac	230.15 / 118.1	R291° 114X Dme156			12/30	1120	N44°11.47' E17°03.36'
Brcko airstrip	233.8 / 122.8	R347° 069X Dme28			09/27	290	N44°17.40' E20°46.79'
Mostar	365.4 / 124.2	096X	25		16/34 R/L	174	N42°43.10' E19°34.50'
Sarajevo Intl	234.15 / 118.25	114X	150	110.7 (12)	12/30	1707	N43°14.90' E20°18.16'
Slavonski Brod airstrip	233.8 / 122.8	R267° 070X Dme38			09/27	210	N44°08.78' E22°04.96'
Tuzla	379.5 / 130.85	069X	25	109.7 (12)	12/30	785	N44°50.46' E20°50.57'
Trebinje airstrip	233.8 / 122.8	R179° 114X Dme59			18/36	2030	N42°16.16' E20°10.87'

AIRBASES & AIRSTRIPS – CROATIA

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	RWY	Elev	GPS Coord
Bjelovar airstrip	233.8 / 122.8	R080° 084X Dme43			18/36	310	N45°07.51' E18°37.08'
Dubrovnic Intl	305.15 / 118.5	101X	100	110.1 (30)	12/30	527	N42°04.31' E19°34.50'
Karlovac airstrip	233.8 / 122.8	R235° 084X Dme33			18/36	550	N44°42.19' E16°57.46'
Osijek	230.15 / 118.8	R015° 114X Dme94			02/20 L/R	292	N44°44.88' E21°05.83'
Pula	366.4 / 120.0	049X	100	111.5 (26)	08/26	276	N44°13.09' E14°45.18'
Rijeka	308.8 / 119.9	125X	100	108.5 (08)	08/26	279	N44°37.88' E15°32.97'
Split	230.15 / 118.1	104X	100	110.5 (03)	03/21	79	N42°59.27' E17°39.62'
Udbina	230.15 / 118.1	R331° 104X Dme65			12/30	2462	N43°55.85' E17°04.01'
Varazdin	230.15 / 118.1	R030° 084X Dme35			02/20	548	N45°30.15' E18°04.00'
Zadar	236.6 / 123.7	023X	70		08/26	289	N43°29.98' E16°32.43'
Zagreb	370.2 / 118.3	084X	100	109.5 (05R) 109.1 (23R)	05/23 L/R	351	N45°00.51' E17°36.70'

AIRBASES & AIRSTRIPS – HUNGARY

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	RWY	Elev	GPS Coord
Nagykanisza	230.15/118.1	R053° 084X Dme63			16/34	470	N45°37.69' E18°51.95'
Ocseny	230.15 / 118.1	R010° 114X Dme139			16/34	295	N45°30.69' E21°10.92'
Pecs East	230.15 / 126.9	R356° 114X Dme124			16/34	350	N45°15.60' E20°26.11'
Satorhely	230.15 / 118.1	R005° 114X Dme118			08/26	410	N45°10.75' E20°55.11'
Szeged	230.15 / 118.1	R350° 070X Dme78			02/20 L/R	259	N45°26.91' E22°56.23'
Taszar	230.15 / 123.0	089X	50		16/34 L/R	526	N45°37.15' E20°04.30'

RADIO FREQUENCY - COMMON

Guard	243.0	UHF
	121.5	VHF

RADIO FREQUENCY – MISSION SPECIFIC

CH	FREQ	7	377.1 / 132.35	14	377.2 / 121.1
1	297.5 / 138.05	8	292.2 / 126.15	15	
2	381.30 / 138.10	9	264.6 / 132.875	16	
3	275.8 / 138.2	10	286.4 / 132.325	17	
4	294.7 / 126.2	11	354.4 / 123.575	18	
5	279.6 / 134.25	12	269.1 / 121.2	19	
6	349.00 / 133.15	13	307.3 / 119.5	20	280.5 / 121.7