



# Falcon 4.0 (BMS)

Navigation : Aegean 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 - TURKEY**

Airport	Twr (UHF/VHF)		Tcn Ch		Tcn Rng	ILS (RWY)	Runway	Elev	GPS Coord
<b>ADNAN MENDERES (IZMIR)</b>	257.8	118.1	098	X	100	110.3 (34L) 108.5 (16L)	16/34 L/R	412	N38°18.077 E27°04.379
<b>AFYON</b>	257.8	122.1	099	X	50	No ILS	14/32	3310	N38°44.176 E30°32.784
<b>AKHISAR</b>	257.8	122.1	039	X	50	No ILS	16/34 L/R	263	N38°48.791 E27°47.548
<b>AKINCI (Ankara)</b>	362.3	122.1	092	X	100	No ILS	03/21	2767	N40°05.022 E32°37.966
<b>ANTALYA</b>	257.8	126.1	102	X	100	108.1 (34R) 108.7 (16R) 110.3 (34L)	34/16 L/R	177	N36°54.555 E30°35.233
<b>ATATURK (Istanbul)</b>	257.8	118.1	072	X	100	110.3 (16R) 111.1 (16L) 111.3 (34R) 111.5 (34L)	34/16 LR	163	N40°59.192 E28°57.441
<b>BALIKESIR</b>	257.8	122.1	043	X	50	No ILS	01/19	340	N39°37.882 E27°56.436
<b>BANDIRMA</b>	257.8	122.1	047	X	50	No ILS	01/19	170	N40°19.373 E28°03.870
<b>BURSA</b>	253.7	122	No tacan			No ILS	01/19	318	N40°14.523 E29°04.818
<b>CANAKKALE AB</b>	257.8	123.6	049	X	50	No ILS	03/21	22	N40°08.794 E26°31.313
<b>CARDAK</b>	257.8	118.6	060	X	50	110.7 (26)	08/26	2795	N37°46.893 E29°34.677
<b>CIGLI</b>	257.8	122.1	083	X	50	No ILS	16/34	16	N38°31.530 E26°56.445
<b>CORLU</b>	362.3	120.37	106	X	50	110.5 (05L)	05/23 L/R	574	N41°08.663 E28°04.997
<b>DALAMAN</b>	257.8	118.5	100	X	50	110.1 (01)	01/19	20	N36°43.296 E28°35.202
<b>ESENBGA</b>	257.8	118.1	090	X	50	108.9 (02L) 108.1 (20L) 110.3 (02R) 108.3 (20R)	02/20 LR	3125	N40°07.840 E33°03.816
<b>ESKISEHIR</b>	257.8	122.1	091	X	50	No ILS	08/26	2581	N39°47.790 E30°36.908
<b>ETIMESGUT</b>	257.8	122.1	113	X	50	110.5 (11)	11/29	2653	N39°57.544 E32°44.260
<b>GAZIEMIR</b>	314.8	120.3	No tacan			No ILS	Strip NS	412	N38°20.024 E27°04.416

**AIRBASES - TURKEY (Cont)**

Airport	Twr (UHF/VHF)		Tcn Ch		Tcn Rng	ILS (RWY)	Runway	Elev	GPS Coord
<b>GUVERCINLIK</b>	347.9	129.0	No tacan			No ILS	Strip EW	2694	N39°56.633 E32°47.801
<b>HEZARFEN</b> (istanbul)	314.8	120.3	No tacan			No ILS	Strip NS	229	N41°07.605 E28°43.967
<b>KAKLIC</b>	314.8	122.1	115	X	50	No ILS	16/34	13	N38°31.530 E26°54.3787
<b>KONYA</b>	257.8	122.1	088	X	50	No ILS	01/19	3381	N37°59.273 E32°26.637
<b>KOSEKOY</b>	347.9	129.0	No tacan			No ILS	Strip EW	32	N40°46.207 E30°08.207
<b>KUTAHYA</b>	257.8	122.1	046	X	50	No ILS	16/34	3026	N39°25.414 E30°02.636
<b>SABIHA GOKCEN</b>	243.1	128.55	025	X	100	109.9 (05R) 110.9 (23L)	05/23 L/R	268	N40°54.732 E29°27.704
<b>SAMANDIRA</b>	314.8	120.3	No tacan			No ILS	Strip NS	400	N40°59.523 E29°21.635
<b>SULEYMAN DEMIREL</b>	337.8	119.2	122	X	100	No ILS	05/23 L/R	2835	N37°47.213 E30°28.070
<b>SIVRIHISAR</b>	257.8	122.1	029	X	50	No ILS	11/29	3194	N39°27.369 E31°22.617
<b>TEMELLI</b>	314.8	120.3	No tacan			No ILS	Strip NS	2564	N39°44.623 E32°24.351
<b>TOPEL</b>	362.3	122.1	086	X	50	No ILS	08/26	182	N40°44.907 E30°11.900
<b>YALOVA</b>	314.8	120.3	No tacan			No ILS	Strip EW	6	N40°41.202 E29°29.430
<b>YENISEHIR</b>	340.3	124.2	079	X	50	109.7 (26)	08/26	764	N40°15.398 E29°39.0761

**AIRBASES - GREECE**

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	Rwy	Elev	GPS Coord
<b>ALEXANDRIA</b>	257.8 123.5	No tacan		No ILS	12/30	26	N40°39.406 E22°36.856
<b>ALEXANDROU- POLIS</b> (Dimokritos)	257.8 123.8	085 X	50	No ILS	08/26	19	N40°51.500 E26°06.167
<b>AMIGDHALEON</b>	257.8 122.1	No tacan		No ILS	14/32	203	N40°58.515 E24°29.133
<b>CHIOS</b>	257.8 122.7	123 X	50	No ILS	01/19	16	N38°20.827 E26°03.046
<b>CHRISOUPOLIS</b> (mega Alexandros Intl)	257.8 118.4	063 X	50	No ILS	05/23 LR	16	N40°55.809 E24°46.110
<b>ELEFSIS</b>	362.3 120.15	019 X	50	No ILS	01/19	144	N38°04.661 E23°27.343
<b>HELLINIKON</b>	257.8 118.1	No tacan		No ILS	16/34	68	N37°54.906 E23°37.044
<b>IRAKLION</b> (Nikos Kazantzakis)	257.8 120.85	020 X	100	110.8 (30)	12/30	114	N35°19.331 E24°52.382
<b>KALAMATA</b>	257.8 120.75	064 X	50	110.6 (34)	16/34	26	N37°04.775 E21°50.964
<b>KARPATOS</b>	257.8 123.2	033 X	50	No ILS	12/30	65	N35°26.875 E26°51.093
<b>KASTELI</b>	362.3 122.1	056 X	50	No ILS	02/20	1181	N35°12.206 E25°00.578
<b>KOMOTINI</b>	366.3 119.7	No tacan		No ILS	Strip EW	78	N41°07.222 E25°29.123
<b>KOS</b>	257.8 121.05	027 X	50	110.9 (14) 110.9 (32)	14/32	410	N36°48.490 E26°53.211
<b>KOZANI</b> (Filippos)	257.8 118.2	033 X	50	No ILS	14/32	2080	N40°17.563 E21°55.455
<b>LAMIA</b>	366.3 119.7	No tacan		No ILS	Strip EW	98	N38°53.049 E22°24.302
<b>LARISA</b>	257.8 120.55	027 X	50	No ILS	08/26	239	N39°39.295 E22°29.985
<b>LEROS</b>	257.8 124.95	No tacan		No ILS	14/32	36	N37°11.122 E26°38.570
<b>LIMNOS</b>	257.8 128.5	095 X	50	No ILS	03/21	16	N39°55.861 E25°15.885
<b>MARATHON</b>	355.1 119.1	No tacan		No ILS	Strip NS	711	N38°09.247 E23°55.155
<b>MARITSA</b>	257.8 118.1	No tacan		No ILS	08/26	203	N36°23.372 E27°53.538

**AIRBASES - GREECE (Cont)**

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	Rwy	Elev	GPS Coord
<b>MEGARA</b>	282.2 123.5	No tacan		No ILS	08/26	120	N37°00.147 E23°15.861
<b>MIKONOS</b>	257.8 119.87 5	037 X	50	No ILS	16/34	450	N37°25.252 E25°11.198
<b>MITILINI</b>	257.8 123.85	033 X	50	No ILS	14/32	55	N39°03.202 E26°33.999
<b>NEA ANCHIALOS</b>	257.8 122.1	103 X	50	No ILS	08/26	82	N39°13.430 E22°47.718
<b>OLIMBOI</b>	366.3 119.7	No tacan		No ILS	Strip EW	656	N39°14.791 E25°51.742
<b>PARADISI</b> (Dioagoras - Rodos)	381.0 118.2	121 X	50	110.3 (26)	08/26	16	N36°21.755 E27°51.399
<b>POLIKHNITOS</b>	355.1 119.1	No tacan		No ILS	Strip NS	649	N39°05.287 E26°09.617
<b>SAMOS</b>	257.8 122.1	053 X	50	No ILS	08/26	32	N37°41.826 E26°47.228
<b>SANTORINI</b>	257.8 118.05	111 X	100	No ILS	16/34	131	N36°24.362 E25°13.670
<b>SKIATHOS</b>	257.8 126.05	No tacan		No ILS	02/20	49	N39°11.454 E23°28.252
<b>SKIROS</b>	257.8 123.2	108 X	50	No ILS	01/19	49	N38°57.468 E24°28.344
<b>SOUDA</b>	257.8 121.1	061 X	50	110.6 (11) 110.6 (29)	11/29	492	N35°32.431 E23°51.311
<b>SPARTI</b>	366.3 119.7	No tacan		No ILS	Strip EW	498	N36°58.813 E22°20.292
<b>STEFANOVIKION</b>	366.3 119.7	No tacan		No ILS	Strip EW	147	N39°29.690 E22°47.094
<b>TANAGRA</b>	257.8 120.25	112 X	50	No ILS	11/29	485	N38°20.552 E23°29.012
<b>TATOI</b>	257.8 118.5	No tacan		No ILS	03/21	784	N38°07.014 E23°41.200
<b>THESSALONIKI</b>	257.8 118.1	065 X	100	109.5 (01)	01/19 15/33	22	N40°31.057 E23°05.760
<b>TRIPOLIS</b>	257.8 122.1	035 X	50	No ILS	02/20	2112	N37°32.167 E22°15.802
<b>TYMPAKI</b>	257.8 122.1	035 X	50	No ILS	08/26	6	N35°04.162 E24°27.797



**AIRBASES - GREECE (Cont)**

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	Rwy	Elev	GPS Coord
<b>VENIZELOS INTL</b>	278.7 118.625	066 X	100	111.1 (02R) 111.1 (20L) 110.5 (02L) 110.5 (20R)	02/20 LR	308	N37°58.163 E23°50.191

**AIRBASES - CYPRUS**

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	Rwy	Elev	GPS Coord
<b>AKROTIRI (RAF)</b>	339.9 122.1	107 X	100	109.7 (29)	11/29	75	N34°35.853 E32°37.3351
<b>PAPHOS INT.</b>	279.1 119.9	062 X	50	108.9 (29)	11/29	39	N34°43.935 E32°07.599

**AIRBASES - FYROM (Former Republic of Yugoslavia)**

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	Rwy	Elev	GPS Coord
<b>SKOPJE</b>	365.2 118.5	075 X	50	108.7 (34)	16/34	754	N41°57.908 E21°51.550

**AIRBASES - BULGARIA**

Airport	Twr (UHF/VHF)	Tcn Ch	Tcn Rng	ILS (RWY)	Rwy	Elev	GPS Coord
<b>BEZMER</b>	320.3 122.8	No tacan		No ILS	12/30	509	N42°25.559 E26°38.067
<b>BURGAS</b>	314.9 119.9	057 X	50	110.3 (03)	03/21	135	N42°35.600 E27°51.355
<b>CHERNOVO</b>	256.4 118.9	No tacan		No ILS	Strip EW	2276	N42°25.893 E24°02.743
<b>DOLNI RAKOVETS</b>	366.8 122.8	No tacan		No ILS	11/29	1997	N42°26.266 E23°15.117
<b>LVAKHOVO</b>	256.4 118.9	No tacan		No ILS	Strip EW	760	N42°09.189 E24°29.703
<b>PLODIV/KRUZOVO</b>	315.6 119.6	096 X	50	111.1 (30)	12/30	597	N42°05.083 E25°06.389
<b>UZUNDZHOVO</b>	289.9 121.5	No tacan		No ILS	11/29	567	N41°58.246 E25°50.188

## 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