



# Falcon 4.0 (BMS)

Navigation : Korea 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 - SOUTH KOREA**

<b>Airport</b>	<b>Twr (UHF/VHF)</b>	<b>Tcn Ch</b>	<b>Tcn Rng</b>	<b>ILS (RWY)</b>	<b>Runway</b>	<b>Elev</b>	<b>GPS Coord</b>
Chongju	250.2/118.7	<b>042x</b>	<b>25</b>	111.7 (23R)	05/23 L/R	187	N36°48.41' E128°36.74'
Choongwon	230.15/126.2	<b>005x</b>	<b>50</b>	111.3 (34R)	16/34 L/R	642	N36°59.80' E129°08.78'
Hoengsong	265.5/126.2	<b>U.S.</b>	<b>_</b>	U.S.	18/36	580	N37°27.87' E129°13.75'
Kangnung	334.9/126.2	<b>056x</b>	<b>50</b>	111.5 (26)	08/26	51	N37°47.31' E130°29.77'
Kimhae	233.3/118.1	<b>117x</b>	<b>25</b>	109.5 (34)	16/34	39	N35°13.29' E130°11.66'
Kimpo	240.9/118.05	<b>083x</b>	<b>25</b>	109.9 (14L) 110.1 (14R) 108.3 (32L) 110.7 (32R)	14/32 L/R	96	N37°36.868' E127°42.801'
Kunsan	292.3/126.5	<b>075x</b>	<b>100</b>	110.3 (18&36)	18/36	10	N35°58.39' E127°25.38'
Kwangju	254.6/126.2	<b>091x</b>	<b>100</b>	111.1 (02&20)	02/20	110	N35°12.80' E127°39.97'
Osan	308.8/122.1	<b>094x</b>	<b>100</b>	111.3 (09&27)	09/27	97	N37°03.80' E128°00.83'
Pohang	236.6/118.05	<b>072x</b>	<b>100</b>	110.9 (26)	08/26	37	N36°02.88' E130°49.59'
Pusan	232.4/118.1	<b>087x</b>	<b>50</b>	109.5 (32)	14/32	579	N35°14.41' E130°28.96'
P'Yong'Taeg	257.8/122.5	<b>019x</b>	<b>25</b>	108.5 (34)	16/34	102	N36°57.87' E128°03.81'
Sachon	305.4/130.2	<b>037x</b>	<b>25</b>	111.5 (05L) 108.1 (23R)	05/23 L/R	139	N35°07.95' E129°09.96'
Seoul	237.1/126.2	<b>046x</b>	<b>25</b>	110.9 (19)	19/01 18/36	258	N37°26.97' E128°07.13'
Seosan	353.1/136.75	<b>052x</b>	<b>50</b>	111.5 (02R)	02/20 L/R	26	N36°41.71' E127°19.74'
Sokcho	236.6/122.2	<b>U.S.</b>	<b>_</b>	U.S.	18/36	77	N38°06.84' E130°09.07'
Suwon	366.0/126.2	<b>022x</b>	<b>50</b>	108.5 (32L)	14/32 L/R	167	N37°16.73' E127°57.15'
Taegu	365.0/126.2	<b>125x</b>	<b>25</b>	108.7 (32)	14/32	353	N35°58.41' E129°55.55'
Yechon	269.5/124.35	<b>026x</b>	<b>50</b>	109.3 (26)	08/26	491	N36°41.68' E129°40.93'

**AIRSTRIPS – SOUTH KOREA**

Airstrip	Twr (UHF/VHF)	RWY	Elev	Loc HSI	GPS Coord
Chongwon	233.8/122.8	18/36	368	<b>R180° 042X Dme11</b>	N36°37.39' E128°35.36'
Chunchon	233.8/122.8	18/36	383	<b>R040° 094X Dme66</b>	N37°53.91' E128°56.79'
Kumi	236.6/122.6	09/27	254	<b>R195° 026X Dme30</b>	N36°12.61' E129°27.68'
Mandumi	253.4/118.9	02/20	259	<b>R020° 083X Dme31</b>	N38°04.45' E127°57.83'
R103	236.6/122.6	09/27	135	<b>R200° 083X Dme07</b>	N37°28.59' E127°38.72'
R107	233.8/122.8	18/36	136	<b>R325° 094X Dme51</b>	N37°46.37' E127°28.93'
R110	233.8/122.8	18/36	68	<b>R245° 019X Dme21</b>	N36°49.25' E127°39.68'
R113	236.6/122.6	09/27	171	<b>R030° 083X Dme10</b>	N37°43.13' E127°49.17'
R217	233.8/122.8	18/36	455	<b>R010° 094X Dme56</b>	N37°58.22' E128°18.86'
R218	233.8/122.8	18/36	236	<b>R360° 094X Dme61</b>	N38°03.61' E128°04.88'
R222	233.8/122.8	18/36	360	<b>R045° 083X Dme25</b>	N37°52.83' E128°06.19'
R419	233.8/122.8	18/36	1063	<b>R360° 005X Dme43</b>	N37°42.06' E129°12.87'
R505	233.8/122.8	18/36	130	<b>R230° 042X Dme17</b>	N36°37.39' E128°19.25'
R601	306.8/125.3	09/27	666	<b>R195° 026X Dme30</b>	N36°41.88' E129°26.52'
R605	233.8/122.8	18/36	920	<b>R055° 005X Dme21</b>	N37°10.80' E129°31.92'
Singal	233.8/122.8	18/36	363	<b>R190° 046X Dme08</b>	N37°19.42' E128°07.97'
Songwhan	233.8/122.8	18/36	191	<b>R125° 019X Dme06</b>	N36°54.64' E128°09.66'
Yongju	233.8/122.8	18/36	589	<b>R050° 026X Dme15</b>	N36°51.40' E129°55.17'

**TRAINING RANGES – ROK**

Kotar Tactical Rng	Unicom 306.8	<b>RRR-110 (GND to FL250)</b>	180°	2854'	N37°08.60' E130°20.80'
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**AIRBASE – JAPAN**

Fukuoka (Kadena)	225.5/126.2	<b>057x</b>	<b>100</b>	109.7(01) 108.7(19)	01/19 15/33	106	N34°39.39' E132°55.13'
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## AIRBASES – NORTH KOREA

Airport	Twr (UHF/VHF)	HSI LOC			RWY	Elev	GPS Coord
Haeju	280.4/118.3	<b>R085° 058X Dme28</b>			12/30	113	N38°02.223' E126°36.807'
Hwangju	337.6/122.4	<b>R190° 059X Dme22</b>			12/30	231	N38°42.959' E126°32.227'
Hwangsuwon	368.5/136.3	<b>R190° 050X Dme73</b>			12/30	3991	N40°43.756' E129°50.507'
Hyon-Ni	240.9/118.57	<b>R188° 054X Dme33</b>			02/20	2598	N38°41.300' E128°37.565'
Iwon	234.4/122.4	<b>R170° 050X Dme94</b>			08/26	470	N40°24.718' E130°26.856'
Kaech'on	350.0/137.5	<b>R025° 051X Dme35</b>			03/21	204	N39°47.400' E126°42.427'
Koksan	318.2/127.7	<b>R245° 054X Dme60</b>			05/23 L/R	1058	N38°48.157' E127°32.883'
Kuum-ni	388.7/128.0	<b>R125° 054X Dme32</b>			05/23 L/R	198	N38°54.190' E129°17.199'
Kwail	349.4/125.9	<b>R220° 051X Dme64</b>			14/32	274	N38°26.721' E125°29.149'
Manp'o	242.4/130.02	<b>R060° 055X Dme124</b>			01/19	1392	N41°11.801' E127°27.140'
Mirim	225.3/128.65	<b>059x</b>	<b>25</b>	<b>No ILS</b>	08/26	127	N39°03.544' E126°39.615'
Onch'on	302.4/129.1	<b>R235° 051X Dme34</b>			02/20 L/R	13	N38°57.412' E125°45.757'
Ongjin	368.1/119.7	<b>058x</b>	<b>25</b>	<b>No ILS</b>	11/29	248	N37°59.158' E126°01.761'
Orang	349.9/118.07	<b>R110° 050X Dme80</b>			03/21	151	N41°27.626' E131°48.613'
Panghyon	270.8/120.6	<b>R115° 055X Dme42</b>			02/20 L/R	362	N39°58.840' E125°51.027'
Pukch'ang-up	264.9/128.2	<b>R035° 051X Dme28</b>			14/32	288	N39°37.849' E126°44.436'
Samjiyon	299.1/131.8	<b>050x</b>	<b>75</b>	<b>No ILS</b>	05/23 L/R	4478	N41°55.243' E130°13.612'
Sondok	343.8/136.6	<b>R360° 054X Dme35</b>			02/20	32	N39°47.577' E128°47.130'
Sunan	264.0/133.0	<b>051x</b>	<b>100</b>	<b>RWY18:109.9 RWY34:110.3 RWY36:109.5</b>	18/36 16/34	174	N39°15.720' E126°21.840'
Sunch'on	253.1/124.0	<b>R055° 051X Dme19</b>			16/34 L/R	228	N39°26.670' E126°42.318'

**AIRBASES – NORTH KOREA (Continued)**

Airport	Twr (UHF/VHF)	HSI LOC			RWY	Elev	GPS Coord
T'aech'on	275.5/119.02	<b>R345° 051X Dme43</b>			12/30	213	N39°57.415' E126°10.724'
Taetan	288.7/117.3	<b>R320° 058X Dme12</b>			08/26	174	N38°08.607' E125°51.628'
Toksan	324.8/124.6	<b>R010° 054X Dme52</b>			02/20 L/R	447	N40°03.690' E128°59.915'
Uiju	372.0/136.0	<b>055x</b>	<b>75</b>	<b>No ILS</b>	05/23 L/R	120	N40°15.017' E125°01.967'
Wonsan	244.4/123.8	<b>054x</b>	<b>50</b>	<b>No ILS</b>	01/19 15/33	14	N39°13.084' E128°45.577'

**AIRSTRIPS – NORTH KOREA**

Airstrip	Twr (UHF/VHF)	RWY	Elev	Loc HSI	GPS Coord
Ayang-Ni HS	233.7/127.7	09/27	370	<b>R160° 051X Dme62</b>	N38°18.16' E126°42.82'
Hoeyang SE HS	233.7/127.7	09/27	1695	<b>R227°054X Dme55</b>	N38°47.26' E128°54.29'
Ich'on Airstrip	233.7/127.7	09/27	1084	<b>R120° 051X Dme83</b>	N38°36.48' E127°51.34'
Kaech'on SW	231.4/123.4	18/36	516	<b>R015° 051X Dme37</b>	N39°51.38' E126°37.25'
Kilchu HS	231.4/123.4	18/36	448	<b>R135° 050X Dme79</b>	N40°59.27' E131°18.62'
Kojo HS	233.7/127.7	09/27	616	<b>R135° 054X Dme31</b>	N38°52.11' E129°11.30'
Koksan HS	231.4/123.4	18/36	1064	<b>R115° 051X Dme65</b>	N38°47.80' E127°35.51'
Kwaksan	233.7/127.7	09/27	301	<b>R315° 051X Dme41</b>	N39°43.84' E125°44.30'
Kyongsong Chuul	231.4/123.4	18/36	173	<b>R105° 050X Dme77</b>	N41°35.92' E131°48.53'
Nuch'on-Ni	233.7/127.7	09/27	180	<b>R147° 051X Dme71</b>	N38°16.54' E127°07.44'
Okpyong-Ni	233.7/127.7	09/27	174	<b>R295° 054X Dme12</b>	N39°19.59' E128°30.53'
Panghyon	233.7/127.7	09/27	463	<b>R120° 055X Dme40</b>	N39°56.23' E125°46.20'
Pongsan	233.7/127.7	09/27	188	<b>R167° 051X Dme45</b>	N38°32.17' E126°32.51'
Sangwon HS	233.7/127.7	09/27	326	<b>R140° 059X Dme14</b>	N38°53.18' E126°50.17'
Sonch'on SW	233.7/127.7	09/27	281	<b>R150° 055X Dme32</b>	N39°47.61' E125°19.20'
Sugam-Ni	233.7/127.7	09/27	110	<b>R095° 050X Dme79</b>	N41°46.15' E131°56.43'
Taebukpo-Ri	233.7/127.7	09/27	458	<b>R130° 051X Dme88</b>	N38°21.39' E127°46.20'
Tangch'on HS	233.7/127.7	09/27	196	<b>R165° 050X Dme95</b>	N40°25.33' E130°36.18'
Yonghung HS	233.7/127.7	09/27	22	<b>R330° 054X Dme23</b>	N39°33.06' E128°32.99'



**AIRBASES – PEOPLE’S REPUBLIC of CHINA**

Liuhe	390.8/150.12	<b>R080° 088X Dme112</b>			01/19	1555	N42°09.997' E126°05.412'
Shenyang	395.5/151.9	<b>088x</b>	<b>100</b>	<b>No ILS</b>	05/23 L/R	254	N41°55.587' E123°37.946'

**AIRBASE – RUSSIA**

Nachodka	398.8/149.9	<b>No NAV DATA</b>			14/32	600	N42°59.916' E134°00.718'
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**RADIO FREQUENCY - COMMON**

Guard	243.0	UHF
	121.5	VHF

**RADIO FREQUENCY PRESET – MISSION SPECIFIC**

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