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Known Issue & Notes:

1. Some Tacan may appears not to work (when both the departure and arrival airbase are different but share the same tacan channel)

To overcome the problem, simply reset the tacan by switching to AA-TR and back to TR.

2. If you encounter problems entering GPS coordinates in the UFC, add simply ZERO at the end of the coordinates until the system accept them.

3. The UHF & VHF radio frequencies at the airstrips are meant to be used as a UNICOM frequency. There's normally no ATC support for Airstrips. The idea is to tune the frequency and announce your intentions in the blind. That way, any MP pilot in the pattern and on the same frequency will know your intentions.

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 imputing 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 - KUWAIT

Airbase	Tower		Tacan channel		Rng	ILS (Rwy)		RWY	Elev	GPS Coord
	UHF	VHF								
AHMED AL JABER AB	292.5	141.5	087	X	50	108.3 108.5	(16R) (34L)	16L/34R 16R/34L	472'	N28°55.812' E48°22.839'
ALI AL SALEM AB	303.0	118.0	107	X	50	108.9	(30)	30/12	505'	N29°26.018' E48°12.320'
KUWAIT INTL	306	118.3	102	X	200	110.1 110.5 111.3 109.5	(16L) (34R) (16R) (34L)	16L/34R 16R/34L	173'	N29°13.055' E48°35.898'

AIRBASES - SAUDI ARABIA

Airbase	Tower		Tacan channel		Rng	ILS (Rwy)		RWY	Elev	GPS Coord
	UHF	VHF								
ABQAIQ	233.8	122.8	R005° 113X Dme37					Hs18/36	214	N25°54.013 E49°53.514
ABU ALI	233.8	122.8	R332° 119X Dme73					Hs18/36	51	N27°18.612 E50°01.170
AL AHSA	355.0	122.8	113	X	50	110.9	(34L)	34L/16R 34R/16L	633	N25°17.579 E49°44.331
AL BIR	231.4	122.4	R325 104X Dme39					Hs09/27	2369	N28°53.065 E36°46.102
AL HASA	233.8	122.8	R355° 113X Dme6					Hs18/36	587	N25°23.837 E49°44.501
AL JOUF	336.6	118.9	125	X	50	109.9	(29)	11/29	2217	N29°46.783 E40°47.538
AL KHARJ EAST	233.8	122.8	R095° 068X Dme13					Hs18/36	1670	N24°03.010 E47°48.116
ARAR	368.0	122.8	080	X	50	No ILS		11/29	1856	N30°53.600 E41°56.877
GASSIM	358.8	118	118	X	50	110.1	(16)	16/34	2148	N26°17.912 E44°06.626
GURIAT	292.6	122.8	094	X	50	110.9	(29)	11/29	1725	N31°24.314' E38°08.588
HAFAR AL ATK	233.8	122.8	R170° 080X Dme64 (KFahd)					Hs18/36	1897	N26°59.940 E46°50.909
HAFR AL BATIN	233.8	122.8	078	X	50	No ILS		16/34	1174	N28°19.692 E46°39.637'
HAIL	366.3	118.7	82	X	50	110.3	(18)	18/36	3273'	N27°26.464 E42°07.947
King Abdul Aziz Naval Base	341.3	120.5	R345° 072X Dme30			109.5	(34)	16/34	36	N26°56.170 E50°05.724

AIRBASES – SAUDI ARABIA (Cont)

Airbase	Tower		Tacan channel	Rng	ILS (Rwy)		RWY	Elev	GPS Coord	
	UHF	VHF								
KHURAI	233.8	122.8	R235° 119X Dme127				Hs18/36	1424	N25°03.900 E48°25.630	
DHARHAN INTL	343.7	118.4	119	X	50	109.3 109.1 109.7 109.9	(16L) (16R) (34L) (34R)	34L/16R 34R/16L	98	N26°15.775 E50°29.789
KING ABDULAZIZ INTL (Jeddah)	343.7	118.2	096	X	50	109.1 109.3 108.3 108.5	(34L) (16R) (34R) (16L)	34L/16R 34R/16L	236	N21°59.823 E39°11.004
KING ABDU-LAZIZ MIL ACMY	245.75	122.8	R087° 080X Dme17(KFahd)				16/34	2597	N24°56.546 E46°37.236	
KING FAHD INTL	345.0	118.2	072	X	50	108.1 108.9	(16R) (34L)	34L/16R 34R/16L	72	N26°28.168 E50°09.385
KING KHALID INTL	342.6	118.8	080	X	50	110.5 110.1 109.5 109.1	(16R) (34L) (16L) (34R)	34L/16R 34R/16L	2059	N24°57.642 E46°55.790
KING KHALID MILITARY CITY	381.4	120.7	106	X	50	108.7	(30)	12/30	1357	N27°52.797 E46°00.711
MADINAH INTL	390.6	118.3	088	X	50	111.7 110.5	(18) (36)	18/36	2200	N24°32.955 E39°53.898
PETROLINE 10	233.8	122.8	R110° 088X Dme78				Hs18/36	2816	N24°05.705 E41°11.759	
PETROLINE 3	231.4	122.4	R255° 080X Dme46				Hs09/27	1709	N25°09.983 E47°45.111	
PETROLINE 6	233.8	122.8	R260° 080X Dme97				Hs18/36	2561	N24°42.346 E45°10.184	
PRINCE SULTAN AIRBASE	255.7	122.1	068	X	50	110.7	(16)	16/34	1459	N24°03.739 E47°34.123
RABIGH	233.8	122.8	R354° 096X Dme43				Hs18/36	13	N22°42.183 E39°07.512	
RAFHA	322.6	122.8	115	X	50	No ILS		11/29	1485	N29°37.084 E44°09.480
RAS MISHAB	293.4	120.5	111	X	50	111.1	(34)	16/34	45	N28°05.143 E49°06.206
RAS TANURA	233.8	122.8	R217° 072X Dme19				Hs18/36	11	N26°43.587 E50°24.260	
RIYADH MIL AIR BASE	341.6	118.1	092	X	50	110.3	(01)	01/19	2063	N24°42.610 E46°56.144

AIRBASES – SAUDI ARABIA (Cont)

Airbase	Tower		Tacan channel		Rng	ILS (Rwy)		RWY	Elev	GPS Coord
	UHF	VHF		X						
TABUK	298.3	125.9	104	X	50	109.5	(23R)	05L/23R 05R/23L	2574	N28°21.716 E37°11.119
TAIF	335.3	118.7	074	X	50	110.7	(01)	01/19	1518	N21°52.164 E39°45.081
TANAJIB	233.8	122.8	R325° 111X Dme17					Hs18/36	22	N27°51.481 E49°15.062
THUMAMAH	233.8	122.8	R167° 080X Dme15 (KFahd)					Hs18/36	1880	N25°12.522 E46°53.806
TURAIK	364.2	122.8	108	X	50	108.3	(29)	11/29	2797	N31°40.480 E39°37.575
UWAYQILAH	233.8	122.8	R120° 080X Dme65 (Arar)					Hs18/36	1470	N30°20.203 E42°57.255
YENBO	232.0	118.1	076	X	50	111.5	(29)	11/29	114	N24°08.388 E38°13.845
WEJH	250.25	122.8	086	X	50	110.7	(34)	16/34	190	N26°11.985 E36°51.268

AIRBASES – IRAQ

Airbase	Tower		Tacan channel		Rng	ILS (Rwy)		RWY	Elev	GPS Coord
	UHF	VHF		X						
AL ASAD	363.675	131.225	57	X	50	No ILS		08/26	652	N33°46.103 E43°36.078
AL FATHAH	236.3	123.3	R090° 079X Dme21					Hs18/36	589	N35°07.408 E45°01.523
AL ISKANDARIYAH NEW	350.0	133.9	R173° 076x Dme17					14/32	101	N32°57.617 E45°19.014
AL MUFRASH	238.1	127.1	R335° 102X Dme68					Hs09/27	126	N30°13.360 E48°12.518
AL MUHAMMADI	346.8	118.6	R279° 076x Dme68					11/29	357	N33°25.555 E44°00.979
AL SAHRA (TIKRIT)	335.3	126.1	88	X	25	110.1 109.7	(32R) (14L)	32R/14L 32L/14R	478	N34°39.523 E44°48.553
AL TAJI	236.3	123.3	R005° 076X Dme16					Hs18/36	123	N33°30.955 E45°22.184

AIRBASES – IRAQ (Continued)

Airbase	Tower		Tacan		Rng	ILS (Rwy)		RWY	Elev	GPS Coord
	UHF	VHF	channel							
AL TAQADDUM	275.275	135.775	69	X	50	No ILS		12/30	268	N33°19.460 E44°41.513
AR RUMAYLAH SOUTHWEST	236.3	123.3	R325° 102X Dme84					Hs18/36	170	N30°20.742 47°50.150
BAQUBAH	238.1	127.1	R140° 081X Dme29					Hs09/27	149	N33°46.737 E45°45.613
BAGHDAD MUTHENNA	238.1	127.1	R055° 076X Dme08					Hs09/27	127	N33°19.255 E45°27.405
BALAD SOUTHEAST	368.4	119.8	93	X	50	109.3	(14R)	14L/32R 14R/32L	177	N33°55.877 E45°31.845
BASHIQAHA	236.3	123.3	R347° 076X Dme201					Hs18/36	1954	N36°28.235 E44°52.332
BASRAH INTL	241.175	118.7	070	X	50	110.7 110.3	(14) (32)	14/32	29	N30°32.128 E48°25.241
ERBIL NORTHWEST	264.2	128.8	R353° 079x Dme67					14L/32R 14R/32L	1377	N36°12.744 E45°27.638
GHALAYSAN NEW	238.1	127.1	R006° 115X Dme79					Hs09/27	1082	N30°54.845 E44°28.142
H1 NEW	228.0	121.6	R284° 076x Dme145					12/30	1397	N33°47.480 E42°35.612
H2	318.6	122.8	80	X	100	No ILS		18/36	2017	N33°20.212 E41°41.097
H3	298.4	132.5	R265° 076x Dme229					11/29	2637	N32°54.841 E40°47.807
H3 highway strip	238.1	127.1	R025° 108X Dme78					Hs09/27	2720	N32°50.158 E40°21.266
H3 NORTHWEST	366.9	122.1	R267° 076x Dme236					12/30	2574	N33°03.833 E40°40.261
H3 SOUTHWEST	238.1	127.1	R035° 108X Dme79					Hs09/27	2655	N32°44.230 E40°37.438
HABBANIYAH	336.3	121.9	R278° 076x Dme32					11/29	268	N33°21.783 E44°39.860'
K1	236.3	123.3	R015° 079X Dme24					Hs18/36	915	N35°30.040 E45°39.951

AIRBASES – IRAQ (Continued)

Airbase	Tower		Tacan channel	Rng	ILS (Rwy)	RWY	Elev	GPS Coord		
	UHF	VHF								
K2	275.9	119.7	R337° 076x Dme109			12/30	554	N34°53.758 E44°42.090		
KIRKUK	327.8	125.55	86	X	50	No ILS	14L/32R 14R/32L	1013	N35°26.942 E45°43.680	
KUT AL HAYY EAST	342.8	118.5	R332° 102x Dme198			14/32	29	N32°06.426 E47°19.304		
MOSUL	250.025	120.2	83	X	50	110.9 109.3	(16) (34)	16/34	829	N36°17.648 E44°38.793
MUDAYSIS	325.45	123.6	R245° 076x Dme125			14/32	1200	N32°24.208 E42°57.874		
QALAT SALIH	282.2	119.7	R342° 102X Dme142			14/32	22	N31°26.552 E48°08.768		
QALAT SIKAR	238.1	127.1	R330° 102X Dme184			Hs09/27	24	N31°49.268 E47°13.048		
QASR TALL MIHL	293.9	120.6	R010° 076X Dme03			Hs09/27	118	N33°17.639 E45°20.084		
QAYYARAH SOUTH	314.8	124.5	R310° 079x Dme58			01/19	649	N35°44.853 E44°40.930		
QAYYARAH WEST	236.725	122.2	72	X	50	No ILS	16R/34L 16L/34R	757	N35°45.336 E44°32.749	
RADIF AL KHAFI HS	238.1	127.1	R040° 080X Dme82 (Arar)			Hs09/27	1061	N31°55.195 E43°03.830		
RASHEED	331.9	129.3	R084° 076x Dme13			16/34	124	N33°16.057 E45°34.355		
SADDAM INTL	275.8	118.7	076	X	50	110.3 110.9 110.1 110.7	(34L) (16R) (34R) (16L)	16R/34L 16L/34R	124	N33°14.997 E45°18.749
SAFWAN	320.6	131.4	R340° 102X Dme58			14/32	177	N30°07.341 E48°21.990		
SAHL SINJAR	275.5	122.5	R294° 079x Dme108			14/32	1006	N35°50.587 E43°34.461		
SALUM	345.6	135.8	R025° 076x Dme61			12/30	219	N34°09.034 E45°57.271		

AIRBASES – IRAQ (Continued)

Airbase	Tower		Tacan channel		Rng	ILS (Rwy)		RWY	Elev	GPS Coord
	UHF	VHF								
SAMARRA EAST	333.6	119.8	081	X	50	No ILS		14/32	213	N34°09.283 E46°27.931
SHAIBAH	336.0	121.4	R345° 102X Dme76					14/32	81	N30°25.123 E48°23.513
SHAYKA MAZHAR	318.0	133.1	R135° 076x Dme29					12/30	88	N32°54.673 E45°40.505
SUBAKHU	306.6	130.8	R046° 076x Dme59					12/30	190	N33°55.024 E46°15.928
TAL ASHTAH NEW	303.4	126.4	079	X	50	No ILS		14/32	655	N35°07.479 E45°28.106
TALL AFAR	380.05	118.7	R309° 079x Dme111					14/32	1006	N36°15.912 E43°53.885
TALLIL	396.45	122.125	84	X	50	109.5 110.8	(16R) (34L)	16R/34L 16L/34R	19	N30°55.436 E46°54.000
TIKRIT EAST	280.45	122.4	R344° 076x Dme85					14/32	337	N30°55.687 E45°02.388
TIKRIT SOUTH	275.3	121.6	R340° 076x Dme83					16/34	387	N34°31.496 E44°55.777
TUZ KHURMATU	300.8	118.7	R006° 076x Dme102					11/29	603	N34°55.003 E45°47.297
UBAYDAH BIN AL JARRAH	244.05	135.5	R120° 076x Dme92					11/29	55	N32°28.437 E46°44.492

AIRBASES – IRAN

Airbase	Tower		Tacan channel	Rng	ILS (Rwy)		RWY	Elev	GPS Coord	
	UHF	VHF								
AGHAJARI	293.6	121.1	R126° 083x Dme9				14/32	65	N30°43.983 E50°27.484	
AHWAZ	318.7	121.1	087	X	50	111.7	(12)	12/30	98	N31°19.175 E49°36.226
BADR AB	321.2	118.1	R170° 100x Dme190			110.7	(26)	08/26	5261	N32°36.592 E52°41.757
BAHREGAN	345.7	121.7	R329° 059x Dme64					Hs18/36	22	N29°50.028 E50°56.900
BEHBEHAN NORTHWEST	306.3	119.6	R103° 083x Dme30					14/32	1262	N30°42.905 E50°52.361
BISHE KOLA	318.3	121.9	R037° 100x Dme75					Hs09/27	1	N36°38.628 E53°53.637
BUSHEHR	257.8	119.7	059	X	50	110.2	(14R)	14L/32R 14R/32L	65	N28°56.278 E51°25.290
DASHTE NAZ	360.9	121.7	078	X	50	No ILS		16/34	52	N32°37.586 E54°43.368
DEZFUL HGW STRIP	318.3	122.3	R261° 115x Dme11					Hs09/27	355	N32°23.754 E49°09.445
DEZFUL	257.8	122.3	115	X	50	No ILS		14L/32R 14R/32L	498	N32°25.350 E49°22.311
DO LENGEH	265.5	121.65	095	X	50	109.3	(26)	08/26	2364	N27°48.848 E52°50.319
DOSHAN TAPPEH	363.2	126.0	R083° 100x Dme8					Hs09/27	4083	N35°41.511 E52°52.785
ESFAHAN INTL	257.8	118.3	118	X	25	109.9	(26)	08/26	5047	N32°44.136 E52°53.022
GACHSARAN	318.3	122.1	R072° 102x Dme134					Hs09/27	2492	N30°19.819 E51°33.920
GHALE MORGHI	318.3	118.8	R130° 100x Dme004					Hs09/27	3559	N36°37.739 E52°46.547
GHAZVIN	318.3	118.3	R297° 100x Dme73					Hs09/27	4213	N36°13.842 E51°32.071
GORREH	318.3	122.3	R355° 059x Dme85					Hs09/27	100	N29°53.955 E51°07.337

AIRBASES – IRAN (Continued)

Airbase	Tower		Tacan channel		Rng	ILS (Rwy)		RWY	Elev	GPS Coord	
	UHF	VHF									
HAMADAN MIL	257.8	123.3	70	X	25	No ILS		05L/23R 05R/23L	5592	N35°11.778 E50°00.412	
HAMADAN	314.8	123.5	126	X	50	No ILS		11/29	5851	N34°51.232 E49°50.327	
ILAM	318.9	118.8	073	X	50	No ILS		14/32	4801	N33°36.414 E47°32.575	
KARAJ	235.4	118.4	122	X	25	109.7	(12)	12/30	4149	N35°44.948 E52°16.983	
KHARK ISLAND	350.35	122.1	081	X	50	No ILS		14/32	226	N29°15.073 E50°56.506	
KHORAM ABAD	255.4	118.35	111	X	50	111.4	(11)	11/29	4254	N33°25.016 E49°23.696	
LAMERD	290.4	122.65	097	X	50	No ILS		11/29	1344	N27°21.834 E53°37.303	
MANZARIYEH	300.15	124.6	R207° 100x Dme49						11/29	3463	N34°57.698 E52°06.436
MASJED SOLEIMAN	370.35	125.6	R031° 087x Dme47						12/30	1794	N31°59.050 E50°11.291
MEHRABAD INTL	257.8	118.1	100	X	100	109.9	(23L)	05L/23R 05R/23L	3975	N35°40.337 E52°43.635	
NAIN MILITARY	280.9	121.7	R143° 100x Dme198						14/32	3575	N33°04.622 E54°27.876
NOSHAHR	318.3	124.6	R002° 100x Dme60						Hs09/27	3	N36°39.167' E53°00.722
OMIDIYEH	313.8	122.6	083	X	50	No ILS		12/30	81	N30°49.122 E50°20.329	
PARSSABAD	340.8	122.8	R040° 057x Dme116						11/29	272	N39°34.665 E49°53.822
RAMSAR	345.7	122.9	R334° 100x Dme83						Hs18/36	0	N36°53.561 E52°15.514'
RASHT	322.6	122.7	073	X	50	110.6	(26)	08/26	3	N37°18.087 E51°15.385	
SANANDAJ	260.8	122.9	112	X	50	No ILS		01/19	4933	N35°14.138 E48°21.474	

AIRBASES – IRAN (Continued)

Airbase	Tower		Tacan channel	Rng	ILS (Rwy)		RWY	Elev	GPS Coord	
	UHF	VHF								
SARVESTAN	318.3	122.3	R120° 094x Dme36			Hs09/27	4962	N29°13.541 E53°45.620		
SEM NAN NEW	348.7	123.3	R099° 100x Dme120			08/26	3870	N35°22.774 E55°01.927		
SEM NAN	280.15	124.6	R094° 100x Dme109			03/21	3742	N35°34.273 E54°52.935		
SHIRAZ INTL	257.8	118.1	094	X	50	109.9	(29)	11/29	4959	N29°31.696 E53°13.859
TABRIZ	358	124.1	057	X	50	111	(30)	12/30	4506	N38°06.665 E48°00.814
UROMIYEH	330.6	118.25	082	X	50	No ILS		03/21	4414	N37°38.747 E46°46.630
ZARGAN	345.7	121.7	R019° 094x Dme14			Hs18/36	5462	N29°44.639 E53°21.162		

AIRBASES – ISRAEL

Airbase	Tower		Tacan channel		Rng	ILS (Rwy)		RWY	Elev	GPS Coord
	UHF	VHF								
BEN GURION	340.6	118.3	082	X	100	110.3 108.7 109.4	(05R) (23R) (23L)	05L/23R 05R/23L	203	N31°59.948 E35°50.150
EN YAHAV	331.6	120.6	R017° 097X Dme45					Hs18/36	3	N30°36.907 E35°58.822
EYN SHEMER	321.3	123.4	R045° 100X Dme46					Hs09/27	120	N32°25.909 E36°00.102
HATSERIM NORTHWEST	321.3	120.3	R085° 097X Dme39					Hs09/27	696	N31°15.321 E35°30.149
HATSERIM	290.8	120.9	R080° 097X Dme38					14R/32L 14L/32R	741	N31°13.839 E35°30.769
HATZOR	312.6	120.9	R035° 082x Dme19					05R/23L 05L/23R	229	N31°45.205 E35°38.709
I BAR YEHUDA	315.4	120.9	097	X	50	No ILS		01/19	0	N31°19.073 E36°15.244
J HOZMAN	320.7	121.8	057	X	50	109.7	(03)	03/21	728	N29°33.246 E35°37.599
MAHANAIM I BEN YAAKOV	378.8	118.45	100	X	50	No ILS		05R/23L 05L/23R	1446	N32°58.144 E36°38.183
MEGIDDO	390.6	121.4	R040° 100X Dme31					08/26	321	N32°34.653 E36°15.342
NEVATIM AB	298.4	120.9	R070° 097X Dme22					16L/34R 16R/34L	1374	N31°12.140 E35°51.173
NIZZANA WEST	331.6	120.6	R060° 097X Dme59					Hs18/36	851	N30°50.917 E35°15.309
OVDA	310.5	129.9	088	X	20	111.1	(20L)	02R/20L 02L/20R	1744	N29°56.725 E35°40.391
PALMAHIM AB	367.8	120.9	R060° 082X Dme13					02/20	154	N31°53.663 E35°37.279
RAMAT DAVID	342.4	118.6	R050° 100X Dme30					01/19 15/33	255	N32°39.318 E36°11.902
RAMON	305.15	120.9	R050° 097X Dme53					05R/23L 05L/23R	2168	N30°45.588 E35°28.548
SDE DOV	238.1	124	R135° 082X Dme8					03/21	104	N32°05.740 E35°44.234
TEL NOV	281.3	120.9	R025° 082x Dme13					16/34 18/36	321	N31°50.806 E35°44.309
TEYMAN	331.6	120.9	R085° 097X Dme35					Hs18/36	673	N31°16.243 E35°34.801
U MICHAELI	393	119.6	R070° 100X Dme30					16/34	75	N32°48.037 E36°04.982

AIRBASES – JORDAN

Airbase	Tower		Tacan channel	Rng	ILS (Rwy)	RWY	Elev	GPS Coord		
	UHF	VHF								
AL GHADAF HWY STRIP	312.2	123.2	R100° 099X Dme49			09/27	1777	N31°35.233 E37°49.532		
AL QATRANAH HWY STRIP	312.2	123.2	R160° 099X Dme31			09/27	2734	N31°14.243 E37°05.284		
ALQUWAYRAH HWY STRIP	312.2	123.2	R055° 078X Dme22			09/27	2683	N29°49.105 E36°02.178		
AQABA INTL	380.1	118.1	078	X	50	110.1	(02)	02/20	275	N29°36.257 E35°41.759
H 4	322.6	120.2	R335° 108X Dme57			11/29	2299	N32°31.670 E39°11.860		
KING ABDULLAH BEN	278.6	118.1	110	X	50	109.5	(26)	08/26	2673	31°57.473 E36°55.964
KING FAISAL	230.1	122.45	R150° 082X Dme117			11/29	2873	N30°20.192 E36°54.147		
KING HUSSEIN	234.8	121.675	R035° 110X Dme28			12/30	2253	N32°20.065 E37°14.657		
PRINCE HASAN	256.8	121.5	R355° 094X Dme45			12/30	2295	N32°08.749 E38°06.326		
QUEEN ALIA INTL	248.2	119.8	099	X	50	109.3 110.9	(05L) (23R)	05R/23L 05L/23R	2433	N31°42.705 E36°54.878
SHAHEED MWAFFAQ	232.1	119.6	R080° 099X Dme42			12/30	1803	N31°49.351 E37°41.802		

AIRBASES – LEBANON

Airbase	Tower		Tacan channel	Rng	ILS (Rwy)	RWY	Elev	GPS Coord	
	UHF	VHF							
KLEIAT	380.6	119.5	R045° 109X Dme26			08/26	42	N34°34.599' E37°16.684'	
RIYAQ	390.5	119.7	R151° 109X Dme29			02/20	3184	N33°50.593' E37°09.543'	
WUJAH AL HAJAR	370.4	119.9	109	X	200	No ILS	02/20	885	N34°16.458' E36°54.487'

AIRBASES – SYRIA

Airbase	Tower		Tacan channel	Rng	ILS (Rwy)	RWY	Elev	GPS Coord		
	UHF	VHF								
ABU AD DUHUR	317.5	122.4	R190° 092X Dme28			08/26	852	N35°42.711 E38°32.607		
AL QUSAYR	360.15	131.2	R150° 095X Dme58			11/29	1767	N34°33.450 E37°50.284		
ALEPPO INTL	266.3	119.1	92	X	50	110.1	(26)	08/26	1348	N36°09.975 E38°43.119
AN NASIRIYAH	242.8	121.7	R030° 107X Dme37			02/20	2909	N33°54.365 E38°02.312		
AS SUWAYDA WEST	320.9	124.3	R190° 107X Dme43			05R/23L 05L/23R	2545	N32°41.440 E37°26.816		
DAMASCUS INTL	306	118.5	107	X	50	109.9	(23R)	05R/23L 05L/23R	2004	N33°24.009 E37°38.614
DEIR ZZOR	380.4	118.1	35	x	100	No ILS		05R/23L 05L/23R	737	N35°16.089 E41°32.469
DUMAYR	317.2	121.6	R050° 107X Dme18			05R/23L 05L/23R	2151	N33°35.863 E37°54.119		
HAMAH	390.3	130.2	R115° 095X Dme41			08/26	1049	N35°06.391 E38°03.099		
JIRAH	290.6	118.1	R100° 092X Dme35			11/29	1259	N36°05.053 E39°25.066		
KAMISHLY	276.15	118.225	R195° 049X Dme106			03/21	1505	N37°00.489 E42°48.237		
KHALKHALAH	289.9	132.1	R185° 107X Dme19			14L/32R 14R/32L	2312	N33°04.147 E37°36.980		
LATAKIA	308.4	118.1	095	X	50	109.1	(18)	18/36	183	N35°23.343 E37°18.860
MARJ RUHAYYIL	312.9	122.6	R205° 107X Dme9			05L/23R 05R/23L	2338	N33°16.464 E37°33.709		
MEZZE	380.5	129.6	R285° 107X Dme14			08/26	3119	N33°28.321 E37°21.828		
MINAKH	368.4	122.7	R340° 092X Dme22			02L/20R 02R/20L	1682	N36°30.622 E38°34.755		
PALMYRA	250.1	121.9	R245° 035X Dme103			08/26	1413	N34°32.122 E39°34.631		
RASIN EL ABOUD	230.7	122.8	R090° 092X Dme17			11/29	1213	N36°09.903 E39°04.099		
SAYQAL	232.5	119.6	R065° 107X Dme41			05R/23L 05L/23R	2322	N33°40.174 E38°22.848		
SHAYRAT	241	124.7	R020° 107X Dme20			12/30	2692	N34°28.311 E38°09.242		

AIRBASES – SYRIA (Cont)

Airbase	Tower		Tacan channel	Rng	ILS (Rwy)	RWY	Elev	GPS Coord
	UHF	VHF						
TABQA	232.2	118.5	R110° 092X Dme70			08/26	1079	N35°44.111 E40°00.275
TIYAS	239.6	127.1	R250° 035X Dme136			05R/23L 05L/23R	1889	N34°30.286 E38°53.461

AIRBASES – TURKEY

Airbase	Tower		Tacan channel	Rng	ILS (Rwy)	RWY	Elev	GPS Coord	
	UHF	VHF							
BATMAN	257.8	122.1	053	X	50	No ILS	02/20	2181	N37°54.690 E42°51.630
DIYARBAKIR	257.8	118.1	037	X	20	109.4 (16)	16/34	2233	N37°52.486 E41°56.607
ELAZIG	257.8	123.8	94	X	50	No ILS	14/32	2978	N38°35.473 E41°08.915
ERHAC	257.8	122.1	82	X	20	No ILS	03/21	2896	N38°24.549 E39°55.762
ERKILET	257.8	122.1	110	X	50	109.5 (23R)	05L/23R 05R/23L	3552	N38°45.161 E37°24.044
ERZINCAN	370.13	118.5	103	X	80	No ILS	11/29	3801	N39°41.131 E41°33.352
ERZURUM	362.3	118.1	051	X	50	110.5 (26)	08/26	5782	N39°55.969 E43°15.419
ESEBOGA	257.8	118.1	090	X	50	110.3 108.9 (03) (21)	03/21	3240	N40°06.391 E35°07.817
ETIMESGUT	257.8	122.1	113	X	50	110.5 (11)	11/29	2869	N39°55.680 E34°46.894
GAZIANTEP	362.3	120.1	106	X	50	No ILS	11/29	2361	N36°55.705 E39°04.966
GUVERCINLIK	347.9	129.00	R090° 113X Dme4			05L/23R 05R/23L	2876	N39°55.211 E34°51.024	
INCIRLIK AB	264.775	129.4	021	X	100	109.3 (05R)	05/23	196	N36°59.008 E37°03.060
KONYA	257.8	122.1	088	X	20	No ILS	01/19	3568	N37°57.948 E34°19.631

AIRBASES – TURKEY (Cont)

Airbase	Tower		Tacan		Rng	ILS (Rwy)		RWY	Elev	GPS Coord
	UHF	VHF	ch							
MURTED	362.3	122.1	092	X	20	No ILS		03/21	2758	N40°03.158 E34°40.970
MUS	362.3	122.1	049	X	80	108.5	(29)	11/29	4159	N38°43.475 E43°32.150
SAKIRPASA	362.3	121.1	074	X	50	108.7	(03)	03/21	62	N36°57.794 E36°53.842
SANLIURFA	312.5	122.3	045	X	40	No ILS		16/34	1784	N37°05.067 E40°27.933
SIVAS	257.8	118.1	101	X	20	No ILS		01/19	5238	N39°47.872 E38°58.608
SIVRIHISAR	257.8	122.1	029	X	20	No ILS		11/29	3358	N39°26.043 E33°22.449
VAN	337.5	118.1	99	X	50	No ILS		03/21	5920	N38°26.704 E45°09.695

AIRBASES – CYPRUS

Airbase	Tower		Tacan		Rng	ILS (Rwy)		RWY	Elev	GPS Coord
	UHF	VHF	ch							
AKROTIRI	290.6	122.1	107	X	200	109.7	(29)	11/29	200	N34°34.527' E34°15.691'
LARNACA	355.25	119.4	075	X	200	110.3	(20)	02/20	68	N34°52.022' E34°56.601'
PAFOS INTL	279.1	119.9	126	X	50	108.9	(29)	11/29	85	N34°42.071' E33°46.304'

AIRBASES – UNITED ARAB EMIRATES

Airbase	Tower		Tacan ch	Rng	ILS (Rwy)	RWY	Elev	GPS Coord
	UHF	VHF						
DAS ISLAND	318.45	120.2	R130° 119X Dme185		Hs18/36		38	N24°17.021' E52°44.717'
JEBEL DHANA	276.4	118.1	R132° 119X Dme190		14/32		229	N24°11.164" E52°46.373'

AIRBASES – EGYPT

Airbase	Tower		Tacan		Rng	ILS (Rwy)		RWY	Elev	GPS Coord
	UHF	VHF	channel							
ABU RUDEIS	361.5	118.5	R345° 112X Dme106					Hs18/36	46	N28°52.910 E33°47.843
BALUZA	343.2	123.2	R140° 074X Dme22					Hs09/27	42	N30°59.694 E33°22.774
BIR ABU RAHAL	280.65	132.8	R190° 112X Dme135					14/32	872	N24°59.660 E33°44.809
BIR HASANAH	291.35	120.7	R140° 074X Dme87					12/30	1338	N30°10.864 E34°09.247
BIR JIFJAFAH	282.3	119.9	R140° 074X Dme68					14/32	1147	N30°24.045 E33°54.949
DARAW	250.4	133.2	R199° 112X Dme178					16/34	318	N24°24.754 E33°09.008
EL ARISH INTL	232.8	121	083	X	150	No ILS		16/34	137	N31°04.040 E34°39.842
EL GORA	275.75	118.2	R100° 074X Dme98					08/26	301	N31°03.910 E34°58.599
EL TOR	287.6	121.3	R335° 112X Dme62					11/29	52	N28°11.946 E34°10.440
HURGHADA INTL	299.9	119.6	112	X	100	110.3	(34)	16/34	124	N27°10.719 E34°13.913
KIBRIT	260.8	133.7	R175° 074X Dme63					14R/32L 14L/32R	9	N30°14.411 E33°14.348
PORT SAID	240.65	118.1	074	X	200	No ILS		11/29	9	N31°16.232 E33°06.277
RAS BANAS	295.3	134.8	R300° 096X Dme236					16R/34L 16L/34R	75	N23°58.369 E35°37.022
RAS EL NAKAB	343.2	123.2	R205° 088X Dme24					Hs09/27	2355	N29°35.095 E35°27.687
RAS JIMSAH NEW	270.5	133.1	R345° 112X Dme41					12/30	98	N27°49.686 E34°01.101
SHARM EL SHEIKH INTL	245.3	118.9	089	X	200	109.5 111.1	(02L) (20R)	02R/20L	229	N27°58.179 E34°54.138
RAS SHUKHAYR NEW	361.5	118.5	R335° 112X Dme67					Hs18/36	48	N28°10.880 E33°43.892
RAS SUDR	361.5	118.5	R170° 074X Dme103					Hs18/36	42	N29°36.018 E33°23.355
ST CATHERINE	318.6	122.8	R015° 112X Dme93					16/34	4559	N28°39.629 E34°38.811
WADI ABU SHIHAT	265.4	133.6	R225° 112X Dme55					14R/32L 14L/32R	1203	N26°33.464 E33°30.297

AIRBASES – QATAR

Airbase	Tower		Tacan channel		Rng	ILS (Rwy)		RWY	Elev	GPS Coord
	UHF	VHF								
AL UDEID	293.65	125.5	098	X	50	109.9	(34)	16/34	124	N25°08.401' E51°48.6'
DOHA	272.55	118.9	071	X	200	109.5	(36)	18/36	39	N25°15.524' E51°48.250'

AIRBASES – BARHAIN

Airbase	Tower		Tacan channel		Rng	ILS (Rwy)		RWY	Elev	GPS Coord
	UHF	VHF								
BARHAIN INTL	344.0	118.5	100	X	200	110.3	(30)	12/30	22	N26°14.727' E50°58.290'
SHAIKH ISA	364.15	122.3	123	X	50	110.15	(34)	16/34	160	N25°55.281' E50°53.095'

AIRBASES – AZERBAIJAN

Airbase	Tower		Tacan channel		Rng	ILS (Rwy)	RWY	Elev	GPS Coord
	UHF	VHF							
LENKORAN	312.2	126.9	R124° 041X Dme123				14/32	6	N38°43.017' E50°41.591'
STEPANARKET	313.6	127.4	41	X	50	No ILS	05/23	2476	N39°51.978' E48°50.582'

AIRBASES – TURKMENISTAN

Airbase	Tower		Tacan channel		Rng	ILS (Rwy)	RWY	Elev	GPS Coord
	UHF	VHF							
CHELEKEN EAST	363.1	132.8	40	X	50	No ILS	12/30	3	N39°21.982' E55°10.299'
NEBIT DAG	328.1	126.0	R080° 040X Dme51				11/29	232	N39°31.870' E56°18.130'
YANGADZHA	347.5	124.3	R002° 040X Dme40				08/26	111	N40°00.818' E55°25.023'

AIRBASES – ARMENIA

Airbase	Tower		Tacan channel		Rng	ILS (Rwy)	RWY	Elev	GPS Coord
	UHF	VHF							
YEREVAN	237.15	124.0	R056° 049X Dme155				03/21	2919	N40°08.007' E46°31.515'

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