

527TH AGGRESSOR SQUADRON

Persian Gulf NAVAIDs

V1 2024



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// MOD DETAILS AND INSTALL

This very lightweight mod updates all the NAVAIDs of the currently available airports on the map and adds some extra ones in remote areas.

About 75/80% of the NAVAIDs existing in the region have been added using Jeppesen Enroute Manuals and current AIPs from the UAE, Iran and Oman.

Includes a small PDF with the actual correct frequencies of each airport and some general CTA/ACC frequencies (just about 1 per sector but still used and existing), plus the NAVAIDs. These should improve realism if you have someone playing as ATC (obviously discarding the default DCS "ATC").

IC SAFE

Features:

- Added or corrected NAVAIDs for most of the DCS airports in the Persian Gulf, like Abu Dhabi (which was missing 4 ILS).
- Added almost all VORTAC, TACAN and NDB stations in Saudi Arabia, Kuwait, Iraq, Iran, UAE, Oman, Pakistan and Afghanistan.
- Added NAVAIDs for the secret UAE base known as Qusahwira (although these are not real NAVAIDs but have been invented d/t lacking documentation)

If you find any bug/error please you are free to let me know. Any input is appreciated!

INSTALLATION:

Use OpenModManager to install in the main DCS folder (not into saved games).

Remember to disinstall before updating DCS and reinstall after the update is complete.

The updater will anyways create a backup but it will also remove the installed files.

// NAVAIDs

UAE:

- OMAA – Abu Dhabi Intl: Added ILS DME 13L, 13R, 31L, 31R
Updated position of the ADV VORDME
- OMAL – Al Aim: Added ILS DME 01
- Qusahwira Air Base: Added fictional ILS DME 27, 09
Added fictional TACAN QSW 86X
- OMAD – Al Bateen: Added ILS DME 31
Corrected VORDME ALB
- OMDM – Corrected VORTAC MIN 99X
- OMRK – Ras Al Khaimah – Added ILS DME 34
Corrected VORDME IRK
- Corrected NBD BH

Iran:

- OIBA – Abu Musa: Added NDB ABM
- OIZJ – Bandar-e-Jask: Removed VORDME KHM
(TACAN JSK 110X still in place although no references found)
- OIKP – Havadarya – Removed TACAN HDR 42X
- OIKJ – Jiroft: Added JIR DME
- OIKQ – Qeshm: Removed VOR KHM (DME only)
- Added VORs: JRM, RAF, KHG
- Added NDBs: RAF, FSA, JRM, BAM
- Added TACANs: OMD 83X, ISN 118X

Oman:

- OOKB – Khasab: Removed ILS DME 19

Iraq:

- Added VORDME BSR

// NAVAIDS

Kuwait:

- Added TACAN: ASB 107X

Saudi Arabia:

- Added VORTACs: RAS 111X, NJL 95X, DHA 119X, HSA 113X, PSA 101X
- Added VORDME JBL, BAT, SBT
- Added NDB SYH

Qatar:

- Added VORTAC ALD 99X

Bahrain:

- Added VORTAC ISA 123X
- Added VORDME BHR

// FIR SECTORS

Here you can find a map with the position of some ATC sectors and the corresponding frequencies. To simplify some smaller sectors have been ignored but the frequencies are in use and correctly assigned. You can use them if you plan on having a human ATCs with correct frequencies and coordination (although simplified for DCS). The approach frequencies for each airport can be disregarded (although correct) if you plan on using the approach sectors outlined in the first table.

ATC SECTOR	TYPE	ALTITUDES	CALLSIGN	FREQ VHF	FREQ UHF
BAGHDAD	FIR	GND-UNL	BAGHDAD CONTROL	128,250	
BAHRAIN	FIR	GND-UNL	BAHRAIN CONTROL	132,125	
DOHA	FIR	GND-UNL	DOHA CONTROL	132,975	
EMIRATES	FIR	FL200-UNL	EMIRATES CONTROL	124,375	
JEDDAH	FIR	GND-UNL	JEDDAH CONTROL	132,300	
KARACHI	FIR	GND-UNL	KARACHI CONTROL	133,200	
KUWAIT	FIR	GND-UNL	KUWAIT CONTROL	125,300	
MUSCAT	FIR	GND-UNL	MUSCAT CONTROL	119,800	310,700
TEHRAN	FIR	FL200-UNL	TEHRAN CONTROL	126,900	
ABU DHABI	CTA	5000FT-FL200	ABU DHABI APPROACH	124,500	269,700
DUBAI	CTA	5000FT-FL200	DUBAI APPROACH	122,500	230,400
FUJAIRAH	CTA	5000FT-FL200	FUJAIRAH APPROACH	129,400	
KHAIMAH	CTA	5000FT-FL200	KHAIMAH APPROACH	124,000	
BANDAR	CTA	5000FT-FL200	BANDAR APPROACH	124,200	353,800
SHIRAZ	CTA	5000FT-FL200	SHIRAZ APPROACH	119,000	362,300

ICAO	NAME	ATIS	GND	TWR	APP	ATIS	GND	TWR	APP
OMAA	ABU DHABI	119,675	123,975	118,675	124,400				
OIBA	ABU MUSA		121,800	122,900					
OMAL	AL AIN	126,050	129,150	119,850	133,550				
OMAM	AL DHAFRA		122,250	126,600	124,500	258,200	241,000	292,500	269,700
OMDW	AL MAKTOUM	126,475	118,375	118,625	122,500				
OMDM	AL MIHAD		122,025	118,650	122,500		290,600	248,200	230,400
OMAD	AL-BATEEN		120,375	119,900	124,400				
OIKB	BANDAR ABBAS	128,650	121,900	118,100	124,200		257,800		353,800
OIBL	BANDAR LENGHEH			122,550					
OIZJ	BANDAR-E-JASK								
OMDB	DUBAI	131,700	118,350	119,550	124,900				
OMFJ	FUJAIRAH	126,650	119,450	124,600	129,400				
OIKP	HAVADARYA			122,150					
OIKJ	JIROFT		121,800	118,650					
OIKK	KERMAN	127,250		121,900	121,900			257,800	
OOKB	KHASAB			124,350	125,000			355,000	310,700
OIBK	KISH	128,000	121,675	118,450				257,800	
OISL	LAR			127,350					
OIBV	LAVAN			122,100					
OMLW	LIWA								
OIKQ	QESHM	127,050		118,050					
OMRK	RAS AL KHAIMAH	126,075	121,750	118,250	124,000				
OMNK	SAS AL NAKHEEL								
OMSJ	SHARJAH	122,400	121,875	118,600	124,900				
OISS	SHIRAZ	127,000	121,900	118,100	119,000			257,800	362,300
OMSN	SIR ABU NUAYR								
OIBS	SIRRI		121,725	135,025					
OIBX	TUNB AFB			118,175					
IR0085	TUNB KOCHAK								
/	QUSAHWIRA AB						246,500	271,950	

// FIR SECTORS

