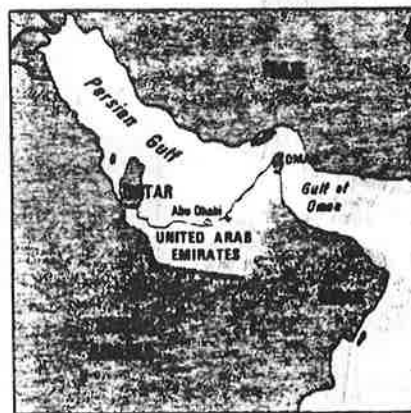


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UNITED ARAB EMIRATES

MEF G-2: Telephone:	CG I MEF//G-2// STU-III AV 365-9103
Theater J-2: Telephone:	USCINCENT MACDILL AFB FLA//J-2// STU-III AV 968-6265
DIA DB Desk Code: Telephone:	DIA WASHINGTON DC//DB-8C// STU-III AV 243-4315
Embassy Defense Attache: Telephone:	DIA WASHINGTON DC//DAH-6// STU-III AV 243-0597

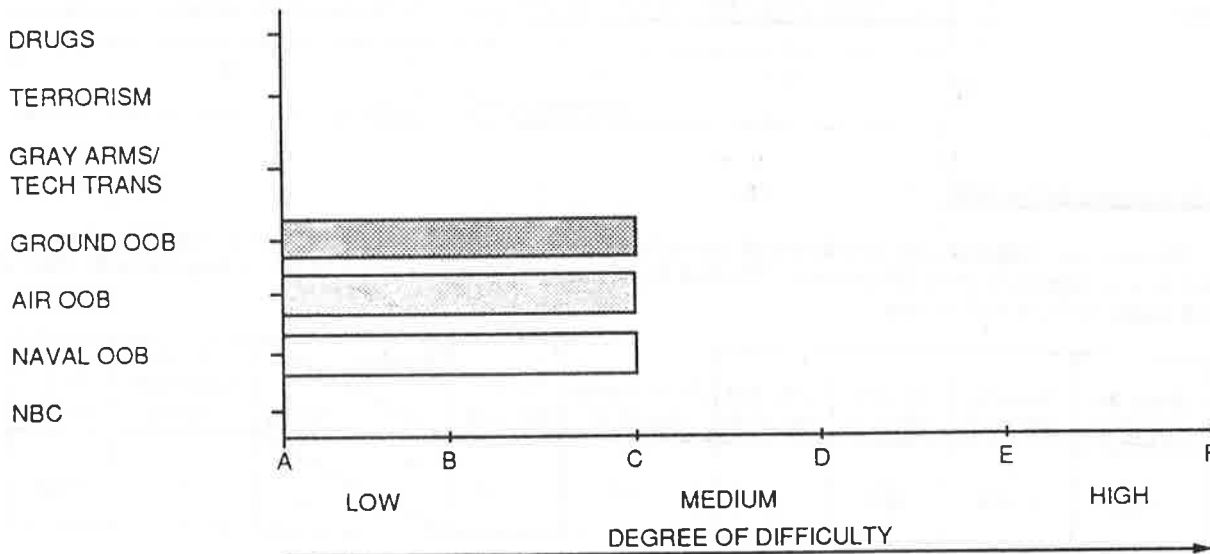


SUMMARY

For some years, the **U.S.** has enjoyed a friendly, informal and mutually advantageous relationship with the **United Arab Emirates (U.A.E.)**. This country has been an important source of petroleum for the **U.S.**, **Western Europe**, and **Japan**. The **U.A.E.** is also a significant importer of goods from the **U.S.** It has moderate sized armed forces compared to other countries in the region and is equipped with fairly modern systems. The **U.S.**, **France**, and the **U.K.** are the main suppliers of military equipment to the **U.A.E.** Expatriates from **Oman**, **Pakistan**, and **Jordan**, are heavily represented in the **U.A.E.** armed forces along with every other **Arab** country and **India**. The **U.A.E.** however, seeks to place its own citizens in leadership positions.

With an extreme cultural difference, a hot/dry climate, and primarily desert terrain, there would be some difficulties to overcome during **U.S.** military operations in this country. A major shortfall would be the limited mapping available. Only the northeastern part of the **U.A.E.** from the **Strait of Hormuz** to **Dubai**, and the area around **Abu Dhabi** have coverage by 1:50,000 scale maps. The country has several major airfields and ports to enable access by strategic airlift and sealift. There are a number of modern key installations in place throughout the country and many more new infrastructure projects are planned. NEO conducted by a MEU under normal conditions would be difficult due to the large number of potential evacuees (5,000).

UNITED ARAB EMIRATES - THREAT SUMMARY

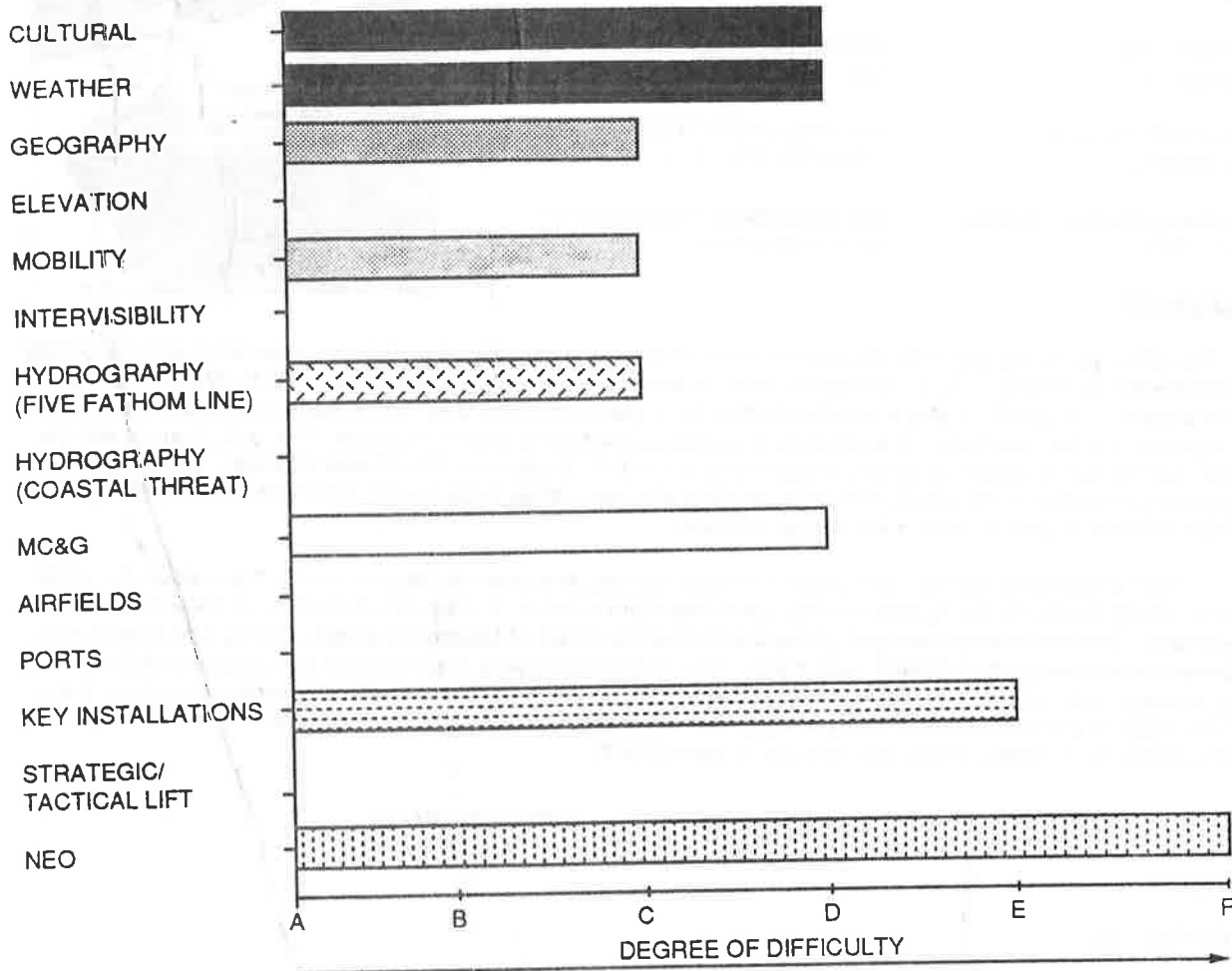


United Arab Emirates - 1

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UNITED ARAB EMIRATES - TERRAIN AND LOGISTICS SUMMARY



U.S. Equities in the UAE

Oil revenues have given the U.A.E. one of the highest gross national products in the world. The U.S. share of the U.A.E.'s oil exports is about 5.6 percent. The U.A.E. is also a significant importer of goods from the U.S. Overall U.S. equity in the U.A.E. is high.

Direct Inv (Mil of \$)	Exports (Mil of \$)	Imports (Mil of \$)	U.S. Aid (Mil of \$)	Total Equity (Mil of \$)	U.S. Citizens	\$ Rating / Rating	Total Numerical Rating	Overall U.S. Equity
762	1,029	862	-	2,653	5,000	4 / 5	9	High

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2021 Dated Information

General Ground OOB

Infantry	Tank OOB	Artillery	Army Size (Thousands)	Quality	Total Capability Value	Rating
Reg/TR	LAV	Howitzers/SP	40	1	111	C

Ground OOB includes 40,000 troops, most of whom are volunteers. A large portion of the army is composed of foreign mercenaries from other Arab states, Pakistan, and the U.K. Tanks: AMX-30; Artillery: M-56 pack howitzer, Mk F-3 155mm SP, ROF 105mm.

General Air OOB

Air OOB	Close Air	AAW (IAD)	Air Force Size (Thousands)	Quality	Total Capability Value	Rating
Early Radar	Early Smart	EW Radar	2	1	93	C

Fighter Aircraft: Hawk, Mirage 5AD, Mirage 2,000; Close Air: Alpha Jet, Hunter, Mirage 5AD; Air Defense: Crotale, Rapier, and RBS-70 SAMs and AA guns. This country is seeking and may already have acquired radar and telecommunications equipment for a ground-based air defense system. Negotiations for this equipment have been conducted with the U.S., U.K., and U.S.S.R.

General Naval OOB

Naval OOB	S/S Missiles	Patrol Craft	Navy Size (Thousands)	Quality	Total Capability Value	Rating
Small Surface	HE	ASUW/Anti-air	2	1	63	C

Ships: None; SSM: Exocet; Patrol Craft: 8 Fast Attack Craft-Missile with SSMs, SAMs (Crotale), guns, countermeasures, fire control, and radars; 6 Large Patrol Craft; 3 Coastal Patrol Craft.

Culture (Language and Religion)

Primary language - Arabic (Persian, English)

Primary religion - Islam

There is a large cultural difference between the U.A.E. and the U.S.

United Arab Emirates - 3

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Weather

Average Temperature (Degrees Fahrenheit)	Average Relative Humidity (Percent)	Average Annual Rainfall (Inches)	Rating
57-100	70	3	Dry/Hot

The **U.A.E.** is largely a hot, dry desert where temperatures in the shade reach 120 degrees Fahrenheit. In the eastern mountains, the climate is cooler with enough rainfall to permit some cultivation.

General Geographic Conditions

URBAN	DESERT	JUNGLE	MOUNTAINOUS
	X		

Operational Elevation

<2,000 FT	<4,000 FT	<6,000 FT	>6,000 FT	>9,000 FT	>12,000 FT
X					

The terrain is mostly desert with a few agricultural areas.

General Cross-Country Mobility

- Large portions of the **U.A.E.** are suited for cross-country movement of tracked vehicles.

It is estimated that over one-half of the **U.A.E.** is suitable for cross-country movement of tracked vehicles. This includes the flat, barren coast, the inland plain, and some of the large, virtually uninhabited wasteland which borders on **Saudi Arabia**. In the eastern highlands, tracked and vehicular movement is more restricted and channeled due to the dissected terrain conditions.

Intervisibility (Line of Sight)

- Optimum, with line of sight distances exceeding 2,000 meters.

Coastal areas of the **U.A.E.** are mainly barren and flat. Inland, the coastal plain gradually gives way to rolling sand dunes which eventually merge into the expansive wasteland called the Empty Quarter. Line of sight distances are considered to exceed 2,000 meters in more than 50 percent of the country.

Hydrography (Five Fathom Line)

- Fair NGF support for operations ashore.

DMA Chart #	5 Fathom Line from Shore (Meters)	NFG Rating
62400/62449	16,100	Fair

Hydrography (Coastal Threat)

- U.S. NGF has an advantage in firepower over U.A.E. coastal defense weapons.

Maximum Capability Coastal Defense Weapon	Maximum Range of Weapon (Meters)	Rating (Compared with 5"/54-cal)
155mm SPG	18,000	U.S. NGF Advantage

MC&G Shortfalls

- Limited map coverage.

1:50 New	1:50 Old	Some 1:50	MSI Avail	1:250 New	None
		X			

Only the northeastern part of the U.A.E. to Dubai, and the area around Abu Dhabi have coverage by 1:50,000 scale maps.

Airfields

The U.A.E. is highly accessible by air with more than one airfield capable of accommodating C-5 aircraft.

Number of Airfields	Type Aircraft (C-5, C-141B, C-130) Accommodated	Airfield Utility (Unconstrained/Constrained)	Rating
6	2 C-5 4 C-141B	4/2	>1/C-5

Airfields	Type Aircraft	Comments
Abu Dhabi International	C-141B, C-130	Daylight/VFR only.
Al Dhafra Air Base	C-141B, C-130	Daylight/VFR only.
Bateen	C-5, C-141B, C-130	
Dubai International	C-5, C-141B, C-130	
Ras al Khaimah International	C-141B, C-130	
Sharjah International	C-141, C-130	

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Ports

- The **U.A.E.** has several major ports which can handle strategic sealift.

Major Ports	Harbor Size	Channel/Anchorage Depths (Feet)	Cargo Pier Depth (Feet)	Cranes
Khor Al Fakkan	Small	36-40/-	36-40	Yes
Mina Saqr	Small	36-40/-	36-40	Yes
Port Rashid	Small	31-35/31-35	46-50	Yes
Mina Jebel Ali	Medium	Over 76/Over 76	36-40	-
Das	Small	71-75/36-40	16-20	-
Abu Dhabi	Small	31-35/31-35	46-50	Yes

Key Installations

The emirate of **Abu Dhabi** contains major oil producing facilities including the major **Ruwais** refinery complex and the **Upper Zakum** off-shore oil structure. The **U.A.E.** is planning the construction of a pipeline from the main oil fields in **Abu Dhabi** through **Fujairah** to the **Indian Ocean** to eliminate the need for its oil to pass through the **Strait of Hormuz**. While many modern facilities are in place currently, infrastructure projects such as roads, schools, and hospitals are still planned throughout the **U.A.E.**

U.S. Embassy	Communications	Highways	Railroads	Major Ports	Primary Airfields	Pipeline	Oil Field	NBC
Abu Dhabi	- Adequate telecomm - 11 Radio stations - 12 TV stations - 4 Satellite stations	2,000 km	None	6	6	- Crude oil - Natural gas	Yes	None

Strategic and Tactical Lift

The **Pacific ARG** with its embarked **MEU** could reach the **U.A.E.** in less than two days. The **AAF/ACB** can arrive within 24 hours but these elements do not possess a forcible entry capability.

NEO

- Due to the large number of potential evacuees (5,000), NEO conducted by a **MEU** under normal conditions would be very difficult.

Embassy Staff	Evacuees	Inland Objective (nm)	Rating
66	5,000	10 (Abu Dhabi)	F

Note: In **U.A.E.** the following factors are of little significance:

- Drugs
- Terrorism
- Gray Arms/Technology Transfer
- NBC