

INDONESIA

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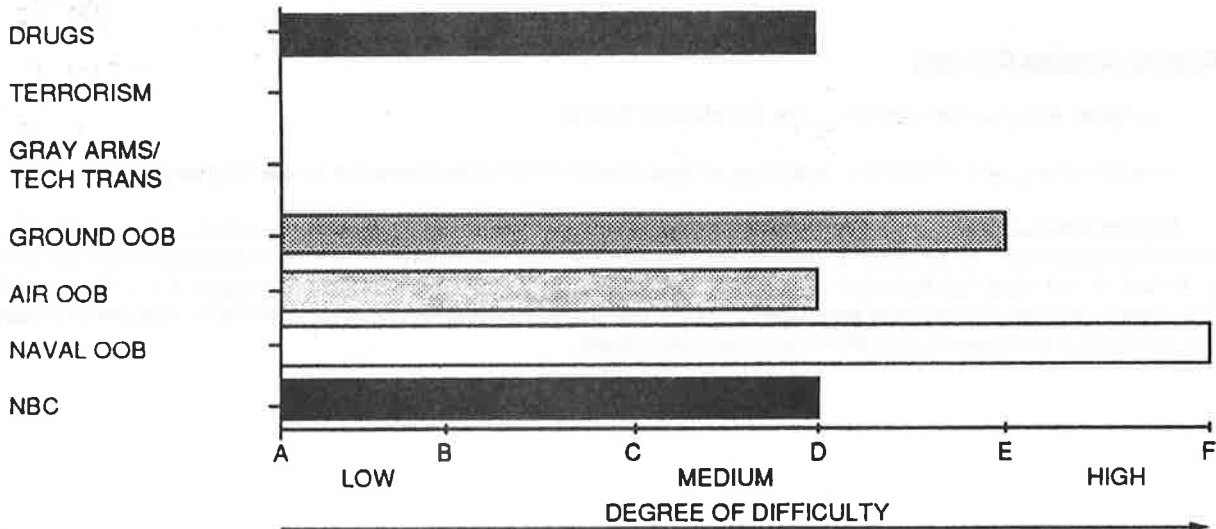


SUMMARY

Indonesia is an archipelago of more than 13,500 islands extending 3,000 miles along the equator from mainland Southeast Asia to Australia. The archipelago forms a natural barrier between the Indian and Pacific Oceans, making the straits between the islands strategically and commercially important. Little known conflict continues on the Indonesian island of Timor between insurgents and Government forces. Reports indicate that in 14 years of fighting, one-third of the population of East Timor Province has died due to civil war and famine. Overall U.S. equity in Indonesia is high. Total trade amounts to about \$4.5 billion annually with the U.S. importing some of Indonesia's oil. Over 12,000 U.S. citizens reside there. Indonesia is a transit point for heroin, opium, hashish, and precursor chemicals, and there have been reports of increased drug trafficking in the resort area of Bali. Besides an army of 216,000 regulars, Indonesia maintains the fourth largest naval capability in the region. The air force is also well equipped with a recently upgraded air defense network. There have been allegations that Indonesian forces used chemical weapons against the insurgents in East Timor.

The larger Indonesian islands consist largely of coastal plains, mountainous interiors, and heavy jungle vegetation. The country has an equatorial climate with more temperate heat and humidity in the upland areas. The Indonesian culture is much different from that of the U.S. The islands are generally unsuited for cross-country movement of tracked vehicles due to the thick jungle and mountainous conditions. The average standoff distance for engagement by line of sight weapons (intervisibility) is normally limited to less than 1,000 meters because of the broken terrain, jungle, and frequent heavy rainfall. Coverage of Indonesia by 1:50,000 scale maps is absent except for the area around Jakarta. Airfields and ports are numerous and capable of receiving strategic lift. Key installations in the country include oil fields. The Pacific ARG with its embarked MEU would require between two to four days to reach Indonesia. Due to the over 12,000 potential evacuees, NEO conducted by a MEU under normal conditions in Indonesia would be very difficult.

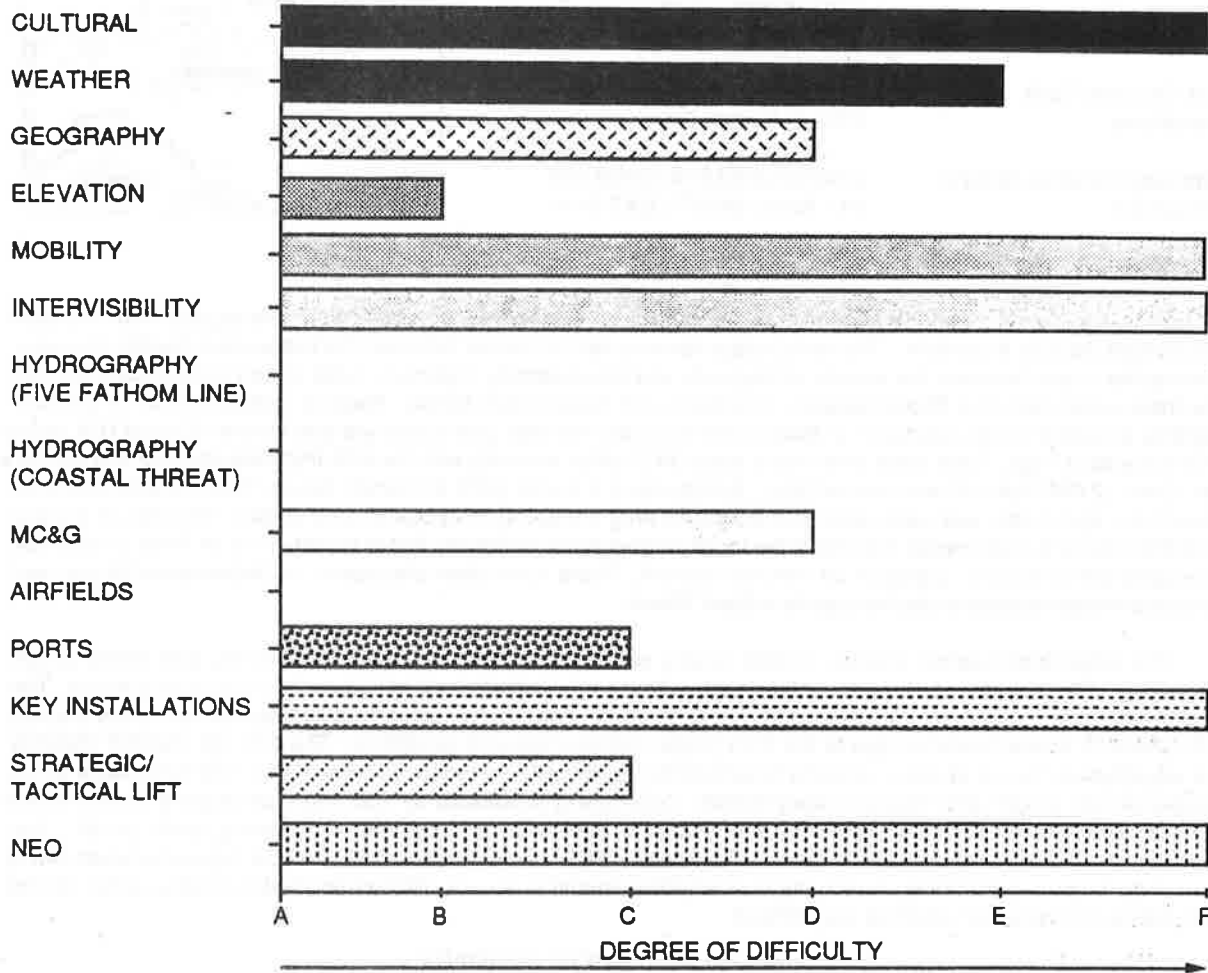
INDONESIA - THREAT SUMMARY



Indonesia - 1

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INDONESIA - TERRAIN AND LOGISTICS SUMMARY



Existing Ongoing Conflicts

- Insurgents fight Government forces on the island of **Timor**.
- In recent years, one-third of the population of **East Timor** Province has died due to war and famine.

Muslim **Indonesia** invaded the Catholic province of **East Timor** in 1975, and a stubborn insurgency has continued since then. In 14 years of fighting, war and famine have claimed nearly a third of the population; but little is known of the violence because **Indonesia** has effectively sealed the borders. Although the **Indonesian** Government claims the insurgent group called Fritilin has all but disappeared, closer observations indicate the rebels are still fighting and causing casualties to government troops.

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U.S. Equities in Indonesia

- Overall U.S. equity is high.

U.S. relations with **Indonesia** have been close and cordial and the U.S. supports the **Indonesian** Government's plans for economic development. Recent annual U.S.-**Indonesian** trade totaled about \$4.5 billion. U.S. imports consisted mostly of oil, rubber, coffee, tin, spices, tea, plywood, and textiles. U.S. exports include many agricultural products. U.S. direct investment in the country is about \$4 billion and a number of **American** banks have branches in **Jakarta**. Over 12,000 U.S. citizens reside in **Indonesia**.

Direct Inv (Mil of \$)	Exports (Mil of \$)	Imports (Mil of \$)	U.S. Aid (Mil of \$)	Total Equity (Mil of \$)	U.S. Citizens	\$ Rating		Total Numerical Rating	Overall U.S. Equity
						5	6		
3,929	763	3,719	-	8,411	12,270	5	6	11	High

Drug Threat

Drug Production	Drug Processing	Precursor Chemicals	Money Laundering	Transit Point
		X		X

- Transit site for heroin, opium, hashish, and precursor chemicals.
- Increased trafficking in **Ball**.

Indonesia is a transit site for heroin, opium, hashish, and precursor chemicals. Heroin is exported to **Australia**, **New Zealand**, and **Western Europe**; the amounts reaching U.S. markets are not considered significant. New interest focuses on **Ball**; **Western Europeans** are heavily involved in the increasing traffic from this major resort area, which is augmented by the high number of international flights.

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General Ground OOB

Infantry	Tank OOB	Artillery	Army Size (Thousands)	Quality	Total Capability Value	Rating
Reg/Exp	LAV	Howitzers	216	10	306	E

Ground OOB consists of 216,000 regulars. Recruits are trained at regimental centers before going on to specialist schools. NCOs are promoted on the basis of length of service or skill, and not leadership ability. Officers attend a service academy and technical schools. As a rule, **Indonesia** prefers an active role in society for its military personnel at the expense of military training. The army performed poorly against a small number of insurgents in **East Timor**. Tanks: AMX-13, PT-76; Artillery: D-30, M-48, M-101.

General Air OOB

Air OOB	Close Air	AAW (IAD)	Air Force Size (Thousands)	Quality	Total Capability Value	Rating
Early Radar	Early Smart	EW Radar	25	10	125	D

Fighter Aircraft: F-5E/F; Close Air: A-4E, TA-4H; Air Defense: RBS-70 (Rapier on order) SAMs and AA guns. During the 1980s, **Indonesia** upgraded its air defense network by adding air surveillance radars and control centers.

General Naval OOB

- **Indonesia** has the fifth largest naval OOB in the region.

Naval OOB	S/S Missiles	Patrol Craft	Navy Size (Thousands)	Quality	Total Capability Value	Rating
ASUW/Air/ASW	Counter-measures	ASUW/Anti-air	42	10	162	F

Ships: 14 Frigates with SSMs, SAMs (Seacat), guns, torpedoes, countermeasures, fire control, and radars; SSM: Harpoon, Exocet; Patrol Craft: 4 Fast Attack Craft-Missile with SSMs, guns, and radars; 8 Fast Attack Craft-Gun and Torpedo; 12 Large Patrol Craft; 8 Coastal Patrol Craft; 11 Boeing Jetfoils.

Nuclear, Biological, and Chemical Threat

Reports have been made that **Indonesian** troops used chemical weapons against insurgents in **East Timor**.

Culture (Language and Religion)

Primary language - Indonesian (English)
Primary religion - Islam

There is a large cultural difference between **Indonesia** and the **U.S.**

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Weather

Average Temperature (Degrees Fahrenheit)	Average Relative Humidity (Percent)	Average Annual Rainfall (Inches)	Rating
79	82	70-370	Wet/Hot

Although **Indonesia** has an equatorial climate, the upland areas on the principal islands provide a temperate contrast to the constant heat of the lowlands. The rainy season lasts from November to April.

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				

Indonesia consists of more than 13,500 islands. The larger ones have coastal plains, mountainous interiors, and heavy jungle ground cover.

General Cross-Country Mobility

- **Indonesia** is generally unsuited for cross-country movement of tracked vehicles.

Conditions are unfavorable for cross-country tracked movement throughout most of the islands due to dense forest, steep slopes, soft water-logged ground, and vast intractable swamps.

Intervisibility (Line of Sight)

- Poor, with line of sight distances limited to less than 1,000 meters.

Line of sight distances in most of **Indonesia** would be less than 1,000 meters due to extensive mountains and plateaus on the main islands, dense jungle, and frequent heavy rainfall.

Hydrography (Five Fathom Line)

- NGF platforms are able to approach the coast to provide satisfactory support for operations ashore.

DMA Chart #	5 Fathom Line from Shore (Meters)	NFG Rating
73072/73081	1,000	Good

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Hydrography (Coastal Threat)

- Limited coastal threat.

Maximum Capability Coastal Defense Weapon	Maximum Range of Weapon (Meters)	Rating (Compared with 5"/54-cal)
122 mm D-30	15,300	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			

1:50,000 map coverage is limited to the area around **Jakarta**.

Airfields

- Highly accessible by air, with more than one airfield that can handle C-5 aircraft.

Number of Airfields	Type Aircraft (C-5, C-141B, C-130) Accommodated	Airfield Utility (Unconstrained/Constrained)	Rating
17	3 C-5 9 C-141B 4 C-130 1 None	9/8	>1/C-5

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CLASSIFICATION: UNCLASSIFIED
CONTROL STATE: UNCLASSIFIED

Airfields	Type Aircraft	Comments
Abdul Rachman Saleh	C-141B, C-130	Daylight/VFR only. Low runway WBC.
Achmad Yani	C-130	Daylight/VFR only. Low runway WBC.
Adi Sumarmo Wiryokusmo	C-141B, C-130	Runway only for C-141Bs. Daylight/VFR only.
Adisucipto	C-130	Daylight/VFR only.
Bali International (Den Pasar)	C-5, C-141B, C-130	-
Baucau	C-141B, C-130	Daylight/VFR only.
Frans Kaisiepo	C-141B, C-130	-
Halim Perdanakusuma (Jakarta)	C-5, C-141B, C-130	-
Iswahyudi (Maduim)	C-5, C-141B, C-130	Daylight/VFR only.
Juanda	C-141B, C-130	-
Kemayoran International	None	-
Pekanbaru	C-130	-
Polonia	C-141B, C-130	-
Sentani	C-141B, C-130	Runway less than 6,000 feet. Daylight/VFR only.
Sepinggan	C-130	-
Talangbetutu	C-141B, C-130	-
Ujung Pandang	C-141B, C-130	-

Ports

- Several major ports are available and able to accommodate strategic sealift.

Major Ports	Harbor Size	Channel/Anchorage Depths (Feet)	Cargo Pier Depth (Feet)	Cranes
Tanjunguban	Small	over 76/over 76	-	-
Sambu	Small	61-65/66-70	41-45	Yes
Tanjungpriok	Large	31-35/31-35	31-35	Yes
Ardjung	Small	over 76/over 76	-	-
Banyuwangi	Small	66-70/66-70	36-40	-

Key Installations

Oil fields are located at **Minas** in central **Sumatra**, offshore northwest of **Java**, north of **Samarinda** on **Kallmantan**, near the **Natuna Islands** in the **South China Sea**, and on **Irian Jaya**. Facilities may also be available for the storage of chemical weapons. Local communications service is unreliable although long distance satellite connection to the **U.S.** is generally good. Ground transportation facilities on most of the islands is marginal.

U.S. Embassy	Communications	Highways	Railroads	Major Ports	Primary Airfields	Pipeline	Oil Field	NBC
Jakarta	- Fair telecomm - 656 Radio stations - 9 TV stations - Domestic satellite system - 1 International satellite ground station	119,500 km	6,964 km	5	17	- Crude oil - Refined products - Natural gas	Yes	C

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Strategic and Tactical Lift

The Pacific ARG with its embarked MEU would require between two to four days to reach Indonesia. 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 (over 12,000) NEO conducted by a MEU under normal conditions in Indonesia would be very difficult.

Embassy Staff	Evacuees	Inland Objective (nm)	Rating
212	12,270	2 (Jakarta)	F

Note: In Indonesia the following factors are of little significance:

Terrorism
Gray Arms/Technology Transfer