



## SINGAPORE, REPUBLIC OF



Background. Singapore was founded as a British trading colony in 1819. It joined the Malaysian Federation in 1963 but separated two years later and became independent. Singapore subsequently became one of the world's most prosperous countries with strong international trading links (its port is one of the world's busiest in terms of tonnage handled) and with per capita GDP equal to that of the leading nations of Western Europe.

Geography: Total: 697 sq km (land: 687 sq km - water: 10 sq km). Comparative size: slightly more than 3.5 times the size of Washington, DC. Land boundaries: 0 km, Coastline 193 km.

Military: Singapore Armed Forces: Army, Navy, Air Force (includes Air Defense) (2010) The Singapore Army focuses on leveraging technology and weapon systems as "force-multipliers". The Singapore Army is capable of conducting amphibious operations with a highly developed

logistics force, across all three services of Army, Navy and Air Force.

The army consists of the following Combat Arms, which are integrated with one another to form the Divisional and Non-divisional assets: Armor, Artillery Combat Engineers, Commandos, Guards, Infantry and Signals. These are bolstered by Combat Service Support Units which consist of the following: Army Intelligence, Army Medical Services, Army Maintenance and Engineering Support, Army Supply and Transport, Singapore Armed Forces Ammunition Command.

Military spending: 4.9% of GDP (2005 est.)



**2000 Carr, Pers, Armd, 8x8. AIFV, Terrex AV81.** A co-project of Timoney of Ireland and Singapore Technologies, the AV81 design has a modular top deck to allow for changes in vehicle configuration from APC to 105mm-armed LAV. The v-shaped double hull is designed to handle a 22-26 pound (10-12 kg) mine blast under the hull. The AV81 uses a double wishbone suspension along with a central tire inflation system. Applique armor kits and hydropneumatic suspension are also available. In the APC version, the vehicle is roll-on/roll-off capable for movement by a C-130 aircraft. **Data:** Length, 275.5 in (7000 mm). Width, 106 in (2700 mm). Height (over hull), 83 in (2100 mm). Drive,

8x8. NBC Protection, yes. *Armament:* Various weapon stations. *Capacity:* Fuel, diesel. Crew/Passengers, 2/12. *Engine:* Caterpillar C9 turbo-charged diesel producing 400 hp. Location, front right. Cooling, liquid. *Transmission:* Allison MD4560P automatic. *Suspension System:* Wishbone. Wheels Steerable, front four. Turning Radius, 26 ft (8 m). No of wheels, 8. Tire Size, 395/85xR20. Night Vision Devices: Driver and commander, yes. *Performance:* Speed/Land, 74.5 mph (120 km/h). Fording Depth, amphibious. Max Grade, 60%. Trench Crossing, 79 in (2000 mm). Step, 27.5 in (700 mm). *Usage:* Under development for several years, the CM32 Cloud Leopard of Taiwan is based on the AV81. *Manufacturer:* Timoney Technology, Ireland and Singapore Technologies Kinetics, Singapore.

**2004 Veh, Attack, Light, LSV, 4x4, Spider.**