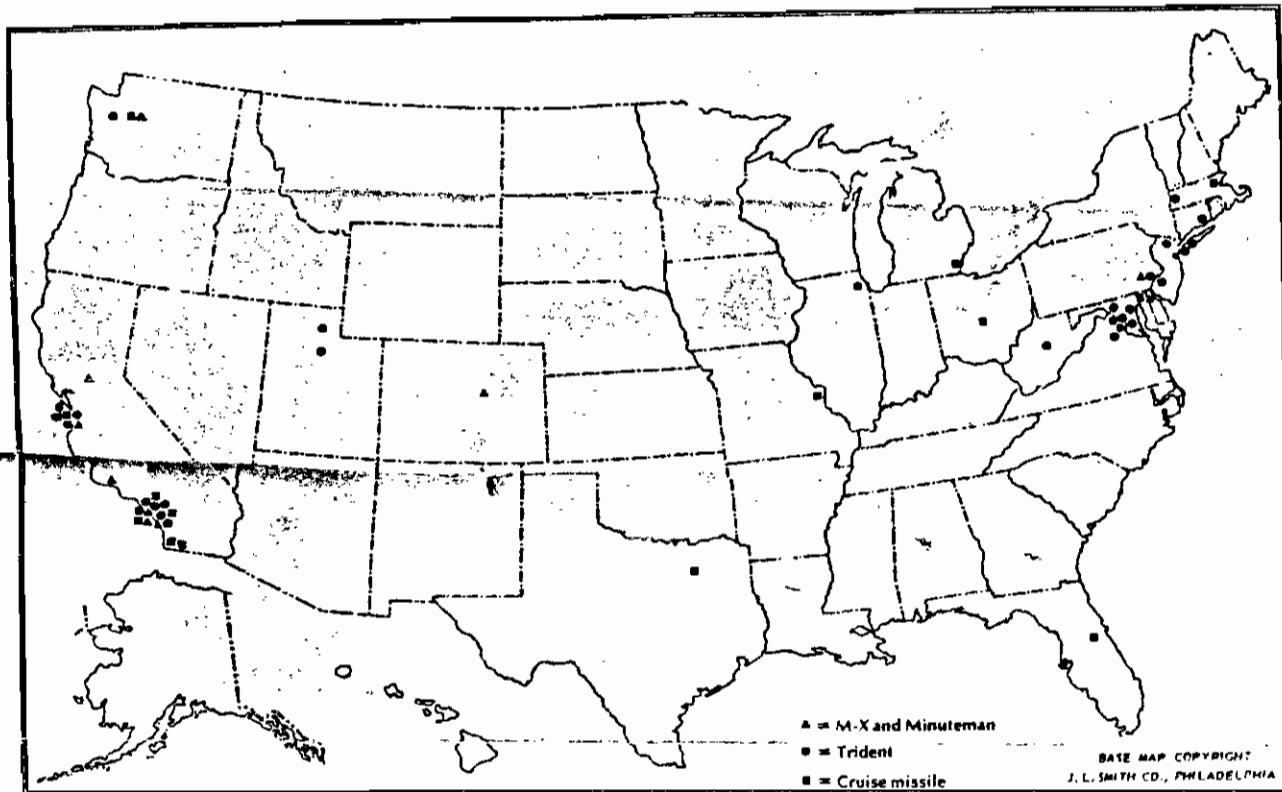


Makers of the New Generation of Nuclear Weapons



A new generation of nuclear weapons is on the horizon, enormously destructive and far more accurate than existing weapons. They are harder to detect, and thus pose great difficulties for arms control. They will be very expensive -- perhaps as much as \$100 billion altogether. And they could be signs of a dangerous shift in U.S. policy from a "deterrence" stance to an offensive posture, capable of knocking out Soviet missiles in their silos in a first-strike attack.

The new generation of nuclear weapons includes the M-X, a mobile land-based missile carrying 10 to 14 independently targeted warheads; the Trident, a huge submarine to be armed with the new Trident II missile; the cruise missile, a low-flying nuclear weapon that zooms in to within 100 feet of its target; and technological changes in the Minuteman III land-based missile force, making the missiles more powerful and accurate.

The above map shows the places where companies are currently working on the new generation of nuclear weapons under Pentagon contracts. Many other companies, not shown on the map, are involved through subcontracts. Names of companies, along with locations of work and the amounts of money involved, are detailed on the accompanying list.

This map was prepared from government and industry sources by NARMIC, for use in conjunction with the NARMIC/Coalition for a New Foreign and Military Policy's recent publication, THE NEW GENERATION OF NUCLEAR WEAPONS. Our thanks to David Heath and John Lamperti for their assistance.

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This map is third in NARMIC's series, The Military-Industrial Atlas of the United States, published in cooperation with Win magazine. For more copies, write NARMIC, 1501 Cherry St., Philadelphia, Pa. 19102 (10¢ each; ten or more, 6¢ each; \$4 per hundred; plus 25 per cent postage on all orders).

MAKERS OF THE NEW GENERATION OF NUCLEAR WEAPONS

Company	Location	Amount-1977 (Millions)	Description	by NARMIC
AAI Corp.	Baltimore, MD	\$2.5	Trident plotting team trainer	
Aerofjet General Corp.	Sacramento, CA	\$19.6	M-X propellant	
American Communications Corp.	Annandale, VA	\$3.4	Trident sub. command & control studies	
Boeing Co.	Seattle, WA	\$300.0	Main ALCM cruise missile contractor	
Boeing Co.	Seattle, WA	\$1.0	M-X trench vehicle development	
Booz Allen & Hamilton Inc.	Bethesda, MD	\$1.0	Technical support service for Trident sub.	
Danly Machine Corp.	Cicero, IL	\$4.1	Trident sub. propellers profiling machine	
Data Design Lab.	Cucamonga, CA	\$1.6	Eng. & management for Trident	
Datron Systems Inc.	Los Angeles, CA	\$1.1	Telemetry antenna program for Trident	
E-Systems, Inc.	St. Petersburg, FL	\$1.4	Trident missile communication systems	
EG and G Inc.	Rockville, MD	\$4.8	Trident sub. sonar	
Essex Corp.	Rockville, MD	\$1.7	Trident project support	
Fugro National	Alexandria, VA	\$1.5	Geotechnical investigations for M-X	
Garrett Airesearch	Long Beach, CA	N/A	Servo flight assemblies for ALCM cruise missile	
General Dynamics	San Diego, CA	\$354.5	Trident sub. main contractor	
General Dynamics	San Diego, CA	\$52.0	Trident sub. and missile development	
General Electric Co.	Groton, CT	\$13.7	Mark 12A warhead development	
General Electric	Bangor, WA; Pittsfield, MA; Philadelphia, PA			
Henningson, Durham & Richardson	Santa Barbara, CA	\$4.0	M-X environmental studies	
Hercules, Inc.	Rocket Center, WV and Magna, UT	\$3.4	Propellant for Trident missile	
Hercules, Inc.	Wilmington, DE	\$1.1	Minuteman ICBM nose cone research	
Hughes Aircraft Co.	Culver City, CA	\$4.0	Trident sub guidance system	
IBM Corp.	Manassas, VA	\$24.8	Trident sub. sonar systems	
Interstate Electronics	Anaheim, CA	\$3.4	Trident support services	
Liton Industries	Woodland Hills, CA	N/A	Cruise missile guidance package	
Lockheed Aircraft Corp.	Sunnyvale, CA	\$3.6	Cruise missile testing system	
Lockheed Aircraft Corp.	Sunnyvale, CA	\$138.0	Trident missile main contractor	
Marquardt Co.	Van Nuys, CA	N/A	ASALM cruise missile development	
Martin Marietta Corp.	Denver, CO	\$1.7	Design & test, M-X vehicles	
Martin Marietta Corp.	Orlando, FL	N/A	ASALM cruise missile development	
McDonnell Douglas Corp.	St. Louis, MO	\$40.0	Cruise missile guidance equipment	
Northrop Corp.	Hawthorne, CA	\$12.7	M-X guidance system	
Purvis Systems	Syosset, NY	\$2.4	Trident land-based facility engineering	
Ralph M. Parsons	Los Angeles, CA	\$6.4	M-X buried trench development	
Raytheon Co.	Bedford, MA	N/A	ASALM cruise missile guidance study	
RCA Corp.	Camden, NJ	\$36.0	Trident sub radio rooms	
Rockwell Intl.	Canoga Park, CA and Columbus, OH	N/A	Rocketdyne — ASALM development	
Rockwell Intl.	Anaheim, CA	\$32.9	Navigation gyros for Trident sub	
Singer Co.	Glendale, CA and Wayne, NJ	\$25.9	Guidance systems for Trident missiles	
Sperry Rand Corp.	Great Neck, NY	\$48.0	Trident submarine navigation system	
Systems Consultants, Inc.	Washington, DC	\$1.9	Trident sub. base training system	
Thiokol Corp.	Elkton, MD	N/A	Cruise missile motors & ignitors	
Thiokol Corp.	Brigham City, UT	\$4.0	Trident missile propellant	
United Technologies Corp.	Sunnyvale, CA	N/A	ASALM development — cruise missile	
United Technologies Corp.	Sunnyvale, CA	\$0.1	M-X development	
United Technologies Corp.	Sunnyvale, CA	\$5.0	Trident missile propellant	
Vought Corp.	Dallas, TX	N/A	ASALM development — cruise missile	
Westinghouse Electric Corp.	Sunnyvale, CA	\$28.1	Trident missile launcher subsystems	
Williams Research	Walled Lake, MI	\$36.1	Cruise missile engines	