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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2)							February 2000		
DEFENSEWIDE RDT&E (0400) BUDGET ACTIVITY SIX			FOREIGN COMPARATIVE TEST (FCT) PE 0605130D8Z						
\$'s in Thousands	FY 1999*	FY 2000*	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	COST TO COMPLETE	TOTAL COST
PE 0605130D	32,684	31,876	31,697	31,837	32,835	33,542	34,241	Cont'g	Cont'g

A. (U) **MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:**

This is not a new start. FYs 1999 and 2000* were funded in the Director Test and Evaluation, Defense (0450) appropriation in the same Program Element.

On June 7, 1999, Secretary Cohen approved the disestablishment of the office of the Director, Test, Systems Engineering and Evaluation. The Under Secretary of Defense for Acquisition, Technology and Logistics, Strategic and Tactical Systems (USD (AT&L/S&TS)) will retain the management and oversight of the Foreign Comparative Test (FCT) program.

As a result, funds for these activities have been realigned with other funds appropriated for the USD (A&T/S&TS). Beginning with FY 2001, funds have been transferred to the Defensewide RDT&E appropriation (0400), PE 0605130D.

The mission of the FCT program is to test and evaluate foreign non-developmental items (NDI) identified by the CINCs and Services in order to avoid costly and time-consuming U.S. new start acquisition programs. The FCT program funds test and evaluation of allied and friendly nation's weapons and equipment to provide procurement alternatives to satisfy U.S. Armed Forces requirements or correct mission area shortcomings. The FCT program is congressionally mandated in Title 10, USC, Section 2350a. FCT projects are nominated by the Services and U.S. Special Operations Command (SOCOM) each year and submitted to Congress for approval prior to expenditure of funds. Approved projects are normally funded for one or two years.

This Research Category 6.5 is assigned and identified in this descriptive summary in accordance with existing DoD policy.

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(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

FY 1999 Accomplishments:

- Completed 7.62mm Short Range Training Ammunition.
- Completed 120mm APERS Round for M1A1/A2 Tank.
- Completed LVOS Anti-Riot Grenade.
- Completed Castings for Affordable Fighter Structures (CAFS).
- Completed Emergency Evacuation Hyperbaric Stretcher.
- Completed Insensitive Munitions Hellfire Missile Motor.
- Completed M-72 Light Anti-Tank (LAW) Insensitive Rocket Motor Propellant.
- Completed Maritime Craft Air Deployment System II.
- Completed MILSTAR Rubidium Standard.
- Completed Next Generation Small Loader.
- Completed RDX/HMX Explosives Qualification.
- Completed Remote Operating Vehicle Hot & Pump System.
- Completed Solid State DC Reference Standard.
- Completed Titanium Nitride Coatings for Compressor Blades.
- Completed Uncooled Thermal Imager.
- Completed Weather Forecasting System.
- Continued 40mm Practice Grenade.
- Continued Afocal Assembly.
- Continued Countersniper Gunfire Detection System.
- Continued Electronic Module.
- Continued F-15 Countermeasures Dispenser.
- Continued Joint JRAAWS Ammunition Upgrades, Phase II.
- Continued Laser/Primer Compatible Igniter.
- Continued Lightweight Aluminum Track for AAV.
- Continued Patrol Coastal Decoy System.
- Continued Scanner Assembly, NV80 B-Kit.
- Continued Submarine Escape and Immersion System.
- Initiated and completed Automatic Detection IR System.
- Initiated and completed Joint Service Combat Shotgun.
- Initiated and completed Songbird.
- Initiated 21mm Trainer for M72 LAW.

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- Initiated 30mm APFSDS Tracer Round.
- Initiated AAV Aluminum Roadwheels.
- Initiated Advanced Lightweight Grenade Launcher Ammunition.
- Initiated Combat Vehicle Crew Fire Extinguisher.
- Initiated Crusader Automatic Transmission.
- Initiated Emergency Aircraft Arresting System.
- Initiated FCTMS – Paperless FCT process.
- Initiated High Pressure Pure Air Generator.
- Initiated Improved Battery Cells.
- Initiated Lightweight Hand Grenade.
- Initiated MC-130H Air Refueling System Pod.
- Initiated Molecular Sieve Oxygen Generating System.
- Initiated Parachute Leaflet Delivery System.
- Initiated Plastic Practice Bombs.
- Initiated Stealth Screen System.

FY 2000 Accomplishments:

- Complete 21mm Trainer for M72 LAW.
- Complete 30mm APFSDS Tracer Round.
- Complete 40mm Practice Grenade.
- Complete Afocal Assembly.
- Complete Combat Vehicle Extinguisher.
- Complete Counter Sniper/Gunfire Detection System.
- Complete Electronic Module.
- Complete Emergency Aircraft Arresting System.
- Complete F-15 Countermeasures Dispenser.
- Complete High Pressure Pure Air Generator.
- Complete Improved Battery Cell.
- Complete Joint JRAAWS Ammunition Upgrades, Phase II.
- Complete Laser/Primer Compatible Igniter.
- Complete Lightweight Hand Grenade.
- Complete Molecular Sieve Oxygen Generating System.
- Complete Parachute Leaflet Delivery System.
- Complete Patrol Coastal Decoy System.

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- Complete Plastic Practice Bombs.
- Complete Scanner Assembly, NV80 B-Kit.
- Complete Submarine Escape & Immersion Equipment.
- Continue Advanced Lightweight Grenade Launcher Ammunition.
- Continue Crusader Automatic Transmission.
- Continue Lightweight Aluminum Track for AAV.
- Continue MC-130H Air Refueling System Pod.
- Continue Stealth Screen System.
- Initiate and complete 5.56mm Lightweight Machine Gun.
- Initiate and complete Large Aircraft Interior Decontamination.
- Initiate and complete Passenger Anti-Exposure Survival System.
- Initiate 155mm Sensor Fuzed Ammunition.
- Initiate Anti-Jam GPS Antenna.
- Initiate Combat Vehicle Troop Seat.
- Initiate Joint Protective Aircrew Ensemble.
- Initiate Lightweight Diesel Driven Auxiliary Power Unit for AAV.
- Initiate Mine Protected Clearance Vehicle.
- Initiate Space Qualified Digital Signal Processor.
- Initiate Wide-band Klystron for E-3 AWACS.
- Initiate Wind Tunnel-Internal Force Balance.

FY 2001 Plans:

Fund approximately 35 new or continuing foreign system tests and evaluations and/or technology assessments to include:

- Complete Anti-jam GPS Antenna.
- Complete Combat Vehicle Troop Seat.
- Complete Crusader Automatic Transmission.
- Complete Lightweight Aluminum Track for AAV.
- Complete Lightweight Diesel Driven Auxiliary Power Unit.
- Complete Mine Protected Clearance Vehicle.
- Complete Space Qualified Digital Signal Processor.
- Complete Stealth Screen System.
- Complete Wide-band Klystron for E-3 AWACS.
- Complete Wind Tunnel Internal Force Balance.

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- Continue Advanced Lightweight Grenade Launcher Ammunition.
- Continue Joint Protective Aircrew Ensemble.
- Continue MC-130H Aerial Refueling System Pod.

B. (U) Program Change Summary:

	<u>FY 1999*</u>	<u>FY 2000*</u>	<u>FY 2001</u>
FY 2000 President's Budget	32,684	31,876	31,947
Appropriated Value	32,684		
Adjustments to Appropriated Value			
Robotics Technology Development Program			(250)
Current Budget Submit	32,684	31,876	31,697

C. (U) Other Program Funding Summary: NA

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