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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2)							June 2001		
DEFENSEWIDE RDT&E (0400) BUDGET ACTIVITY SIX			FOREIGN COMPARATIVE TEST (FCT) PE 0605130D8Z						
\$'s in Thousands	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	TOTAL COST
PE 0605130D	0	31,405	30,907	Cont'g	Cont'g	Cont'g	Cont'g	Cont'g	Cont'g

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

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 is Congressionally mandated in Title 10, USC, Section 2350a. FCT tests and evaluates conventional defense equipment, munitions, and technologies manufactured and developed by major allies of the United States and other friendly foreign countries to determine the ability of such equipment, munitions, and technologies to satisfy United States military requirements or to correct operational deficiencies. While the testing of NDI and items in the late state of the development process are preferred, the testing of equipment, munitions, and technologies may be conducted to determine procurement alternatives. 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.

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

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

FY 2000 Accomplishments:

- Completed 21mm Trainer for M72 LAW.
- Completed 30mm APFSDS Tracer Round.
- Completed 40mm Practice Grenade.

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- Completed Afocal Assembly.
- Completed Electronic Module.
- Completed Emergency Aircraft Arresting System.
- Completed High Pressure Pure Air Generator.
- Completed Improved Battery Cells.
- Completed Laser/Primer Compatible Igniter.
- Completed Lightweight Hand Grenade.
- Completed Lightweight Roadwheels for AAV.
- Completed Molecular Sieve Oxygen Generating System.
- Completed Scanner Assembly, NV80 B-Kit.
- Completed Submarine Escape & Immersion Equipment.
- Continued Advanced Lightweight Grenade Launcher Ammunition.
- Continued Combat Vehicle Crew Fire Extinguisher.
- Continued F-15 Countermeasures Dispenser.
- Continued Gunfire Detection System.
- Continued Infrared Flare for C-17.
- Continued Joint JRAAWS Ammunition Upgrades, Phase II.
- Continued Lightweight Aluminum Track for AAV.
- Continued Micro-Satellite for Space Experiments.
- Continued Parachute Leaflet Delivery System.
- Continued Patrol Coastal Decoy System.
- Continued Plastic Practice Bombs.
- Continued MC-130H Air Refueling System Pod.
- Continued Stealth Screen System.
- Continued Supersonic Target Missile.
- Initiated and completed 155mm Sensor Fuzed Ammunition.
- Initiated and completed 5.56mm Lightweight Machine-Gun.
- Initiated and completed Passenger Anti-Exposure Survival System.
- Initiated and completed Portable Intrusion Detection Sensor Cable.
- Initiated Anti-Jam GPS Antenna.
- Initiated Combat Vehicle Troop Seat.
- Initiated High Performance Hydraulic Pump for AAV.
- Initiated Joint Protective Aircrew Ensemble.
- Initiated Large Aircraft Decontamination System.

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- Initiated Less Sensitive RDX.
- Initiated Lightweight Chemical Agent Detector.
- Initiated Lightweight Diesel Driven Auxiliary Power Unit for AAV.
- Initiated Mine Protected Clearance Vehicle.
- Initiated Retractable Arresting Cable System.
- Initiated Star Tracker.
- Initiated Space Qualified Digital Signal Processor.
- Initiated Supersonic Target Missile.
- Initiated Wide-band Klystron for E-3 AWACS.
- Initiated Wind Tunnel-Internal Force Balance.

FY 2001 Plans:

Fund the following new or continuing foreign system tests and evaluations and/or technology assessments to include:

- Complete Anti-jam GPS Antenna.
- Complete Combat Vehicle Crew Fire Extinguisher.
- Complete Combat Vehicle Troop Seat.
- Complete F-15 Countermeasures Dispenser.
- Complete High Performance Hydraulic Pump for AAV.
- Complete Joint JRAAWS Ammunition Upgrades, Phase II.
- Complete Mine Protected Clearance Vehicle.
- Complete Patrol Coastal Decoy System.
- Complete Space Qualified Digital Signal Processor.
- Complete Stealth Screen System.
- Complete Wind Tunnel Internal Force Balance.
- Continue Advanced Lightweight Grenade Launcher Ammunition.
- Continue Gunfire Detection System.
- Continue Infrared Flare for C-17.
- Continue Joint Protective Aircrew Ensemble.
- Continue Large Aircraft Decontamination System.
- Continue Less Sensitive RDX.
- Continue Lightweight Aluminum Track for AAV.
- Continue Lightweight Chemical Agent Detector.
- Continue Lightweight Diesel Driven Auxiliary Power Unit for AAV.
- Continue MC-130H Aerial Refueling System Pod.

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- Continue Micro-Satellite for Space Experiments.
- Continue Plastic Practice Bombs.
- Continue Parachute Leaflet Delivery System.
- Continue Retractable Arresting Cable System.
- Continue Star Tracker.
- Continue Supersonic Target Missile.
- Continue Wide-band Klystron for E-3 AWACS.
- Initiate and complete Antenna Mast for Mobile Tactical Communications.
- Initiate and complete Expeditionary Airfield Light-Duty May System.
- Initiate and complete IR/UV Threat Stimulator.
- Initiate and complete Muzzle Brake/Supressors.
- Initiate and complete Personal Temperature Regulating Clothing.
- Initiate and complete Submarine Torpedo Room Berthing Pod.
- Initiate and complete Tactical Long-range Passive IR Sensor.
- Initiate and complete Unattended Ground Imager.
- Initiate Advanced Demolition Weapons.
- Initiate Airborne Video Recorder/Replay System.
- Initiate Bradley Fighting Vehicle Roadwheels.
- Initiate Chemical Protective Gloves.
- Initiate Driver's Vision Enhancer.
- Initiate Floating Smoke Pot Components.
- Initiate High Mobility Excavator.
- Initiate MAAWS Illumination Round.
- Initiate Man Portable Multi-Sensor System.
- Initiate Multi-Bandwidth Submarine Antenna.
- Initiate Optically Improved SADA II.
- Initiate Prophet Ground.
- Initiate Skin/Open Wound Decontamination.
- Initiate Tactical Geographical Information System.
- Initiate VLF/LF Composite Bushing Replacement Project.

FY 2002 Plans:

Fund approximately 43 new or continuing foreign system tests and evaluations and/or technology assessments to include:

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- Complete Advanced Lightweight Grenade Launcher Ammunition.
- Complete Airborne Video Recorder/Replay System.
- Complete Bradley Fighting Vehicle Roadwheels.
- Complete Chemical Protective Gloves.
- Complete Driver's Vision Enhancer.
- Complete Floating Smoke Pot Components.
- Complete Gunfire Detection System
- Complete High Mobility Excavator.
- Complete Joint Protective Aircrew Ensemble.
- Complete Infrared Flare for C-17.
- Complete Large Aircraft Decontamination System.
- Complete Less Sensitive RDX.
- Complete Lightweight Aluminum Track for AAV.
- Complete Lightweight Chemical Agent Detector.
- Complete Lightweight Diesel Driven Auxiliary Power Unit for AAV.
- Complete MAAWS Illumination Round.
- Complete Man Portable Multi-Sensor System.
- Complete MC130H Aerial Refueling System Pod.
- Complete Micro-Satellite for Space Experiments.
- Complete Multi-Bandwidth Submarine Antenna.
- Complete Optically Improved SADA II.
- Complete Parachute Leaflet Delivery System.
- Complete Plastic Practice Bombs.
- Complete Prophet Ground.
- Complete Retractable Arresting Cable System.
- Complete Skin/Open Wound Decontamination.
- Complete Star Tracker.
- Complete Tactical Geographical Information System.
- Complete VLF/LF Composite Bushing Replacement Project.
- Complete Wide-band Klystron for E-3 AWACS.
- Continue Advanced Demolition Weapons.
- Continue Supersonic Target Missile.
- Initiate and complete 7.62 mm Lightweight Machine Gun.
- Initiate and complete IMU for Wind Corrected Munitions Dispenser.

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- Initiate and complete Self-Regulating Anti-G Ensemble.
- Initiate and complete Stand-Alone Cooling Suit.
- Initiate 40mm Dud Reducing Ammunition.
- Initiate Communications Distribution System.
- Initiate Digital Flight Control System for EA-6B.
- Initiate High Frequency Adaptive Antenna Receiver System Replacement.
- Initiate Laser Obstacle Detection System.
- Initiate NBC Multipurpose Sock.
- Initiate Self-Destruct Fuze Multiple Launch Rocket System.

B. (U) PROGRAM CHANGE SUMMARY:

	<u>FY2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Total Cost</u>
Previous President' s Budget Submit	0	31,697	31,837	Cont'g
Appropriated Value				Cont'g
Adjustments to Appropriated Value (Inflation)			101	
Section 8086 Reduction of .07%		(222)		
OSD Directed Undistributed Reduction		(70)	(1,031) ¹	Cont'g
Current President's Budget Submit	0	31,405	30,907	Cont'g

¹ Reflects program realignment which moved \$75K from RDT&E to O&M for AT&L management for FCT-specific travel.

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C. (U) OTHER PROGRAM FUNDING NA

D. (U) SCHEDULE PROFILE NA

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