

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2)							February 1999			
DIRECTOR TEST AND EVALUATION, DEFENSE (0450) BUDGET ACTIVITY SIX			FOREIGN COMPARATIVE TEST (FCT) PE 0605130D							
\$'s in Thousands	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	COST TO COMPLETE	TOTAL COST
PE 0605130D	32,657	32,684	31,876	31,947	32,087	33,085	33,792	34,491	Cont'g	Cont'g

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

The mission of the Foreign Comparative Testing (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 Department of Defense policy.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

FY 1998 Accomplishments:

- Initiated and completed ACADA Power Supply.
- Initiated and completed Ground and Vehicle Mounting System.
- Initiated and completed New Generation Heater.
- Initiated and completed Uncooled Thermal Imager.

- Initiated 40mm Practice Grenade.
- Initiated 120mm APERS Round for M1A1/A2 Tank.
- Initiated Afocal Assembly, NV80 B-Kit.
- Initiated Anti-Riot Grenade.
- Initiated Counter Sniper/Gunfire Detection System.
- Initiated Electronic Module.
- Initiated Laser/Primer Compatible Igniter.
- Initiated MILSTAR Rubidium Standard.
- Initiated Lightweight aluminum Track for AAAV.
- Initiated Maritime Craft Air Deployment System II.
- Initiated Patrol Coastal Decoy System.
- Initiated RDX/HMX Explosives Qualification.
- Initiated Scanner Assembly, NV80 B-Kit.
- Initiated Solid State DC Reference Standard.
- Initiated WX Forecasting System.
- Initiated Submarine Escape and Immersion System.
- Continued Titanium Nitride Coatings for Compressor Blades.
- Continued Castings for Affordable Fighter Structures (CAFS).
- Continued Emergency Evacuation Hyperbaric Stretcher.
- Continued F-15 Counter Measures Dispenser.
- Continued Insensitive Munitions Hellfire Missile Motor.
- Continued Joint JRAAWS Ammunition Upgrades, Phase II.
- Continued Next Generation Small Loader.
- Continued Micro-Satellite for Space Experiments.
- Continued M-72 Light Anti-Tank (LAW) Insensitive Rocket Motor Propellant.
- Continued Remote Operating Vehicle Hot & Pump System.
- Completed 1.75 Watt Linear Drive Cooler.
- Completed 7.62mm Short Range Training Ammunition.
- Completed AJU Communications Faired Mast.
- Completed Atmospheric Diving Suit (Newtsuit).
- Completed C-17 IR Flare.
- Completed Digital Voice and Data System.
- Completed Improved Ballistic Armor Grille.
- Completed Joint RAAWS Ammunition Upgrades, Phase I.
- Completed Parachute Flare Pylon for the F-16.

- Completed Close-Air Support/All-Up Round Warhead for JSOW and CALCM (Navy&AF).
- Completed Mobile Torpedo Decoy C303S for Ship Protection.
- Completed NBC Analysis (JWARN) System.
- Completed Night Vision Goggle Camera System.
- Completed Standard Advanced Dewar Assembly (SADA I).

FY 1999 Plans:

- Complete Anti-Riot Grenade.
- Complete Castings for Affordable Fighter Structures (CAFS).
- Complete Emergency Evacuation Hyperbaric Stretcher.
- Complete Insensitive Munitions Hellfire Missile Motor.
- Complete Laser/Primer Compatible Igniter.
- Complete M-72 Light Anti-Tank (LAW) Insensitive Rocket Motor Propellant.
- Complete Maritime Craft Air Deployment System II.
- Complete Micro-Satellite for Space Experiments.
- Complete MILSTAR Rubidium Standard.
- Complete Next Generation Small Loader.
- Complete RDX/HMX Explosives Qualification.
- Complete Remote Operating Vehicle Hot & Pump System.
- Complete Solid State DC Reference Standard.
- Complete Submarine Escape and Immersion System.
- Complete Titanium Nitride Coatings for Compressor Blades.
- Complete WX Forecasting System.
- Continue 40mm Practice Grenade.
- Continue 120mm APERS Round for M1A1/A2 Tank.
- Continue Afocal Assembly, NV80 B-Kit.
- Continue Counter Sniper/Gunfire Detection System.
- Continue Electronic Module.
- Continue F-15 Counter Measures Dispenser.
- Continue Joint JRAAWS Ammunition Upgrades, Phase II.
- Continue Lightweight Aluminum Track for AAV.
- Continue Patrol Coastal Decoy System.
- Continue Scanner Assembly, NV80 B-Kit.
- Initiate 30mm APFSDS Tracer Round.
- Initiate AAV Aluminum Roadwheels.

- Initiate Automatic Detection IR System.
- Initiate Crusader Automatic Transmission.
- Initiate Emergency Aircraft Arresting System.
- Initiate Joint Service Combat Shotgun.
- Initiate Lightweight Hand Grenade.
- Initiate MC-130H Air Refueling System Pod.
- Initiate Molecular Sieve Oxygen Generating System.
- Initiate Stealth Screen System.

FY 2000 Plans:

- Fund approximately 35 new or continuing foreign system tests and evaluations and/or technology assessments to include:
- Continue 40mm Practice Grenade.
- Continue AFOCAL Assembly, NV80 B-Kit.
- Continue Counter Sniper/Gunfire Detection System.
- Continue Electronic Module.
- Continue F-15 Counter Measures Dispenser.
- Continue Joint JRAAWS Ammunition Upgrades, Phase II.
- Continue Lightweight Aluminum Track for AAV.
- Continue Patrol Coastal Decoy System.
- Continue Scanner Assembly, NV80 B-Kit.
- Continue 30mm APFSDS Tracer Round.
- Continue Crusader Automatic Transmission.
- Continue Emergency Aircraft Arresting System.
- Continue Lightweight Hand Grenade.
- Continue MC-130H Air Refueling System Pod.
- Continue Molecular Sieve Oxygen Generating System.
- Continue Stealth Screen System.

FY 2001 Plans:

- Fund approximately 35 new or continuing foreign system tests and evaluations and/or technology assessments.

B. (U) Program Change Summary:

	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>
FY 1999 President's Budget	32,657	32,684	32,505	32,615
Appropriated Value				
Adjustments to Appropriated Value				
Purchase Inflation Adj			(629)	(668)
Current Budget Submit	32,657	32,684	31,876	31,947

C. (U) Other Program Funding Summary: NA

D. (U) Schedule Profile: NA