Appendix B Abbreviations B

21CLW	21st Century Land Warrior	ASPT	Advanced Simulator for Pilot
A2ATD	Anti-Armor Advanced		Training
	Technology Demonstration	ASTO	[ARPA] Advanced Systems
AAR	after-action review		Technology Office
ACT	Advanced Concepts and	ATACC	Advanced Tactical Air
	Technology		Command Center
ADCATT	Air Defense Combined Arms	ATCCS	Army's Tactical Command
	Tactical Trainer		and Control System
ADS	Advanced Distributed	ATD	Advanced Technology
	Simulation		Demonstration
ADS	Authoritative Data Sources	ATD	aircrew training device
ADST	Advanced Distributed	ATM	Aircrew Training Manual
	Simulation Technology	ATM	anti-tank missile
AI	artificial intelligence	ATM	asynchronous transfer mode
ALSA	Air-Land-Sea Agency	BAA	Broad Agency Announcement
ALSP	Aggregate Level Simulation	BBN	Bolt, Beranek, and Newman
	Protocol	BBS	Brigade/Battalion Battle
AMC	Army Material Command		Simulation
AMG	Architecture Management	BDS-D	Battlefield Distributed
	Group		Simulation-Developmental
ANSI	American National Standards	BEA	Bureau of Economic Analysis
	Institute	BFTT	Battle Force Tactical Training
ARPA	Advanced Research Projects	BOC	Bureau of the Census
	Agency (formerly DARPA)	C2	command and control
ARTEP	Army Test and Evaluation	C^2	command and control
	Program	C2T2	Commercial Communications
ASARC	Army Systems Acquisition		Technology Testbed
	Requirements Council		

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C^2T^2	Commercial Communications Technology Testbed	COTS CP	commercial off-the-shelf command post
C4I	Command, Control,	CPX	command post exercise
C41	Communications, Computers,	CRADA	Cooperative Research and
	_	CKADA	
C ⁴ I	and Intelligence	CDT	Development Agreement
C·1	Command, Control,	CRT CV	cathode ray tube constructive/virtual
	Communications, Computers,	CV	
CAICTN	and Intelligence		constructive/virtual/live
C4IFTW	C4I for the Warrior	DA	Department of the Army
CAAN	Combined Arms Assessment	DAB	Defense Acquisitions Board
G A GEEG DEL	Network	DARPA	Defense Advanced Research
CASTFOREM	Combat Arms Task Force		Projects Agency (now ARPA)
	Engagement Model	DCSOPS	Deputy Chief of Staff of the
CATT	Combined Arms Tactical		Army for Operations
	Trainer	DDR&E	Director of Defense Research
CAX	computer-assisted exercise		and Engineering
CBD	Commerce Business Daily	DDS	Distributed Defense
CBS	Corps Battle Simulation		Simulation
CCD	charge-coupled devices	DEEM	Dynamic Environmental
CCTT	Close Combat Tactical		Effects Model
	Trainer	DI	Demonstration Integration
CEM	Concepts Evaluation Model	DIA	Defense Intelligence Agency
CFOR	Command Forces	DII	Defense Information
CGF	computer-generated forces		Infrastructure
CGI	computer-generated imagery	DIS	Distributed Interactive
CGI	Common Gateway Interface		Simulation
CIG	computer image generation	DISA	Defense Information Systems
CIG	computer image generator		Agency
CINC	Commander in Chief	DISN	Defense Information System
CJCS	Chairman of the Joint Chiefs		Network
	of Staff	DIVE	Dismounted Infantry Virtual
CJCSI	Chairman of the Joint Chiefs		Environment
	of Staff Instruction	DMA	Defense Mapping Agency
CL	constructive/live	DMSO	Defense Modeling and
CMTC	Combat Maneuver Training		Simulation Office
01/110	Center	DoD	Department of Defense
COEA	cost and operational	DR&E	Defense Research and
COLIT	effectiveness analysis	DRCL	Engineering Engineering
COFT	Conduct of Fire Trainer	DSCS	Defense Satellite
COMPASS	Common Operation Mission	DSCS	Communication System
COMIASS	Planning and Support	DSI	Defense Simulation Internet
		DSP	
Costor	Strategy Corrective Ontice Space	DT&E	Defense Support Program
Costar	Corrective Optics Space	DICE	developmental test and evaluation
COTD	Telescope Axial Replacement	DTIC	
COTR	Contracting Officer Technical	DTIC	Defense Technical
	Representative		Information Center

E2DIS	Environmental Effects for Distributed Interactive Simulations	iMSRR	Interim Modeling and Simulation Resource Repository
EMD	engineering, manufacturing, and development	IP IPPD	Internet Protocol integrated product and
ENCATT	Engineering Combined Arms Tactical Trainer	IRIAM	process development Integrated Radar/Infrared
ERINT EW	Extended Range Interceptor electronic warfare		Analysis and Modeling System
EXCIMS	Executive Council for Modeling and Simulation	IST	Institute for Simulation and Training
FAA	Federal Aviation Administration	IUSS	Integrated Unit Simulation System
FFRDC	federally funded research and development center	IVIS	Inter-Vehicular Information System
FLIR	forward-looking infrared	IW	information warfare
FSCATT	Combined Arms Tactical	J-6	[Joint Staff] Command,
	Trainer		Control, Communications,
FWG	functional working group		and Computing Systems
GCCS	Global Command and Control		Directorate
	System	J-7	[Joint Staff] Operational Plans
GOSIP	Government Open Systems		and Interoperability
	Interconnection Protocol		Directorate
GOTS	government off-the-shelf	J-8	[Joint Staff] Force Structure,
GPS	Global Positioning System		Resources, and Assessment
HMD	head-mounted display		Directorate
HOTAS	hands on throttle and stick	JAST	Joint Advanced Strike
I ⁴ WISSARD	Intelligent, Imaginative,		Technology [Program]
	Innovative, Interactive What	JCS	Joint Chiefs of Staff
	If Simulation System for	JDC	Joint Doctrine Center
	Advanced Research and	JDL	Joint Directors of
100	Development	IE CEWICI	Laboratories
I&P	intelligence and planning	JECEWSI	Joint Electronic Combat
IAC	Information Analysis Center	HCM	Electronic Warfare Simulation
IADS	Integrated Air Defense Simulator	JICM	Joint Integrated Contingency Model
IDA	Institute for Defense Analyses	JM&S	Joint Models and Simulations
IEEE	Institute of Electrical and	JMASS	Joint Modeling and
ILLL	Electronic Engineers, Inc.	31417 1515	Simulation System
IEI	Illusion Engineering, Inc.	JMCIS	Joint Maritime Command
IFF	identification friend/foe		Information System
IFOR	Intelligent Forces	J-METL	Joint Mission-Essential Task
I/ITSE	Interservice/Industry Training		List
	Systems and Education	JPO	Joint Program Office

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JRTC	Joint Readiness Training Center	MSWG	Modeling and Simulation
JSEP	Joint Simulation Endorsement	NMS	Working Group National Military Strategy
JSEF		NRL	
JSIMS	Process Leint Simulation System	NTC	National Research Laboratory
JSTARS	Joint Simulation System		National Training Center National Technical
JSTAKS	Joint Surveillance Target	NTIS	Information Service
ITOTO	Attack Radar System	NITTO A	
JTCTS	Joint Tactical Combat	NTSA	National Training Systems
ITENI	Training System	NTCC	Association
JTN	Joint Targeting Network	NTSC	Naval Training Systems
JWARS	Joint Warfare Simulation	OACD (EMOD)	Center
JWC	Joint Warfare Center	OASD (FM&P)	Office of the Assistant
JWFC	Joint Warfighting Center		Secretary of Defense (Force
JWID	Joint Warrior Interoperability		Management and Personnel)
	Demonstration	OPFOR	opposing force
LAM	Louisiana Maneuvers	OR	operational requirements
LAN	local area network	ORSBM	Oak Ridge Spreadsheet Battle
LCLV	liquid crystal light valve		Model
LHN	long-haul network	ORTA	Office of Research and
LOSAT	Line-of-Sight Anti-Tank		Technology Applications
M&S	modeling and simulation	OSD	Office of the Secretary of
MARS	Multiwarfare Assessment and		Defense
	Research System	OSI	Open Systems Interconnect
MDT2	Multiservice Distributed	OSTP	Office of Science and
	Training Testbed		Technology Policy
MEL	Master Environmental	OT&E	operational test and
	Library		evaluation
METL	Mission Essential Task List	PDU	protocol data unit
MILES	Multiple Integrated Laser	PE	program element
	Engagement System	PEO	program executive office(r)
MLS	multilevel security	PGTS	Precision Gunnery Training
ModSAF	Modular Semiautomated		System
	Forces	PM	program manager
MORS	Military Operations Research	PM	project manager
	Society	PM CATT	Project Manager for the
MOSAIC	Models & Simulations: Army		Combined Arms Tactical
	Integrated Catalog		Trainer
MSE	Mobile Subscriber Equipment	PM DIS	Project Manager for
MSIS	Modeling and Simulation		Distributed Interactive
	Information System		Simulation
MSMP	Modeling and Simulation	PM TRADE	Project Manager for Training
	Master Plan		Devices
MSRR	Modeling and Simulation	PO	project office
	Resource Repository	Preview	Prevent Real Errors by Virtual
M-STOW	Maritime Synthetic Theater of		Investigation of Engineering
	War		Worlds

R&D	research and development	SIPE	Soldier Integrated Protective
RD&A	Research, development, and Acquisition	SMART	Ensemble Susceptibility Model
RDT&E	research, development, test,	SWITHE	Assessment and Range Test
	and evaluation	SOFNET	Special Operational Forces
REA	Remote Entity		Inter Simulator Network
	Approximation	SSDB	Standard Simulator Data Base
REFORGER	Return of Forces to Germany	STOW	Synthetic Theater of War
RF	radio-frequency	STRICOM	[U.S. Army] Simulation,
RFPI	Rapid Force Projection Initiative		Training, and Instrumentation Command
RTSS	Real-Time Simulation	T&E	test and evaluation
KISS	Software	TAA	Technology Area Assessment
S&T	science and technology	TACS/TADS	Tactical Air Control
SAF	semiautomated forces	11100/11100	System/Tactical Air Defense
SAFOR	semiautomated forces		System
SAIC	Science Applications	TAP	Technology Area Plan
	International Corp.	TAR	Technology Area Review
SBIR	Small Business Innovation	TASC	The Analytic Sciences
	Research program		Corporation
SDIO	Strategic Defense Initiative	TCP	Transmission Control
	Office		Protocol
SDIS	Simulation Data Interchange	TCP/IP	Transmission Control
	Specification		Protocol/Internet Protocol
SEES	Security Exercise Evaluation	TGT	Tank Gunnery Trainer
	System	THAAD	Theater High Altitude Area
SEI	Software Engineering		Defense
	Institute	TOW	tube-launched, optically
SEI	System Engineering and		tracked, wire-command link
CEN 6	Integration	T0) (guided [missile]
SEM	Simulation Engineering and	TQM	total quality management
CIE	Modeling	TRADOC	Training and Doctrine
SIF	SSDB [Standard Simulator	TCI	Command Task as last Systems Inc.
	Data Base] Interchange	TSI TTGT	Technology Systems, Inc.
SIF/DP	Format SSDB Interchange Format for	TTTS	Tank Team Gunnery Trainer Tanker-Transport Training
SII7DF	Distributed Processing	1115	System
SIF/HDI	SSDB Interchange Format for	TV	television
SII / IIDI	High Detail Input/Output	TWBnet	Terrestrial Wideband Network
SIH	Soldier Information Highway	TWG	technology working group
SIMITAR	Simulation In Training for	TWSTIAC	Tactical Warfare Simulation
	Advanced Readiness		and Technology Information
SIMNET	Simulator Network		Analysis Center
SINCGARS	Single Channel Ground and	UCOFT	Unit Conduct of Fire Trainer
	Airborne Radio System	UJTL	Universal Joint Task List

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URL	Uniform Resource Locator		System
USACOM	U.S. Atlantic Command	V&V	verification and validation
USA STRICOM	U.S. Army Simulation,	VL	virtual/live
	Training, and Instrumentation	VV&A	verification, validation, and
	Command		accreditation
USD(A&T)	Undersecretary of Defense for	VV&C	verification, validation, and
	Acquisition and Technology		certification
USD(P&R)	Undersecretary of Defense for	WAN	wide area network
	Personnel and Readiness	WISSARD	What If Simulation System
UTD	Unit(-level) Training Device		for Advanced Research and
UTSS	Universal Threat System for		Development
	Simulators	WPC	Warrior Preparation Center
VIGS	Video Interactive Gunnery	WWW	World Wide Web