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Listing of Acronyms

ACRONYM	DEFINITION
AI	Artificial Intelligence
ARDEC	Army Armament Research, Development, and Engineering Center
AMRDEC	Aviation and Missile Research, Development, and Engineering Center
AT&L	Acquisition Technology and Logistics
C2	Command and Control
C3	Command, Controls, and Communications
C4	Command, Controls, Communications, and Computer
C4I	Command, Controls, Communications, Computer, and Intelligence
C4ISR	Command, Controls, Communications, Computer, Intelligence, Surveillance and Reconnaissance
C4IAS	Command, Controls, Communications, Computer, and Intelligence Automation System
CBRNE	Chemical, Biological, Radiological, Nuclear, and high-yield Explosives
CIED	Counter-Improvised Explosive Device
CND	Computer Network Defense
COCOMs	Combatant Commands
CTTSO	Combating Terrorism Technical Support Office
CWMD	Countering Weapons of Mass Destruction
DARPA	Defense Advanced Research Projects Agency
DE	Directed Energy
DIU	Defense Innovation Unit
DIUx	Defense Innovation Unit Experimental
DOD	Department of Defense
DPPG	Defense Policy and Planning Guidance
DTRA	Defense Threat Reduction Agency
DTRMC	Defense Test Resource Management Center
DT&E	Development, Test and Evaluation
EDTC	Engineering and Development Test Center
EMP	Electromagnetic Pulse
EMREP	Electromagnetic Reliability and Effects Predictions
EOD	Explosive Ordnance Disposal
ESTCP	Environmental Security Technology Certification Program
FATGS	Fuze Area Technology Groups
FCT	Foreign Comparative Testing
FFRDC	FFRDC Federally Funded Research and Development Center
GCC	Global Command and Control

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GKMC	Global Knowledge Management System
HARP	High Altitude Radiological Phenomenology
HBCU/MI	Historically Black Colleges and Universities and Minority Institutions
HPCMP	High Performance Computing Modernization Program
HSBC	Human Social Culture Behavior
IED	Improvised Explosive Device
IM	Insensitive Munitions
IMD	Intelligence Mission Data
IOC	Initial Operational Capability
IoT	Internet of Things
IPODS	Integrated Precision Ordnance Delivery System
ISR	Intelligence, Surveillance, Reconnaissance
ISS	Integrated Sensor System
ISSP	Information Systems Security Program
IWS	Irregular Warfare Support
ITD	Integrated Technology Demonstration
JAIC	Joint Artificial Intelligence Center
JCIDS	Joint Capabilities Integration and Development System
JCTD	Joint Concept Technology Demonstration
JFTP	Joint Fuze Technology Program
JIEDDO	Joint Improvised Explosive Device Defeat Organization
JIMTP	Joint Insensitive Munitions Technology Program
JRAC	Joint Rapid Acquisition Cell
JUON/JEON	Joint Urgent Operational Needs / Joint Emergent Operational Needs
LUCI	Laboratory University Collaboration Initiative
M&S	Modeling and Simulation
MATGs	Munition Area Technology Groups
MDDE	Missile Defeat Defense Enhancement
MEMS	MEMS - MicroElectro-Mechanical Systems (MEMS)
MCPP	Military Child Pilot Program
MIL STD	Military Standard
MRL	MRL - Manufacturing Readiness Level
NDAA	National Defense Authorization Act
NDEP	National Defense Education Program
NDS	National Defense Strategy
NSSEFF	National Security Science and Engineering Faculty Fellowship
NWC	Nuclear Weapons Council

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OCO	Overseas Contingency Operations
OCONUS	Outside the Continental United States
OLED	Organic Light Emitting Diode
OSD	Office of the Secretary of Defense
OSTP	Office of Science and Technology Policy
PEO	Program Executive Officers
QDR	Quadrennial Defense Review
RDT&E	Research Development Test and Evaluation
RHBD	Radiation Hardened by Design
RHM	Radiation Hardened Microelectronics
ROI	Return on Investments
S&E	Scientists and Engineers
S&T	Science & Technology
SBIR	Small Business Innovative Research
SCO	Strategic Capabilities Office
SMART	Science, Mathematics, and Research for Transformation
SOF	Special Operations Forces
SSBR	Strategic Support for Basic Research
STEM	Science, Technology, Engineering, and Mathematics
STTR	Small Business Technology Transfer
TEAMS	Technical Evaluation Assessment and Monitor Site
THAAD	Terminal High Altitude Area Defense
TOA	Total Obligation Authority
TRAC	Threat Reduction Advisory Committee
TRL	Technology Readiness Level
UAS	Unmanned Aerial Systems
USD/A&S	Under Secretary of Defense for Acquisition and Sustainment
USD/R&E	Under Secretary of Defense for Research and Engineering
USG	USG United States Government
USNORTHCOM	U.S. Northern Command
USPACOM	U.S. Pacific Command
USSOCOM	U.S. Special Operations Command
USSTRATCOM	U.S. Strategic Command
UXO	Unexploded Ordnance
WMD	Weapons of Mass Destruction
WSMR	White Sands Missile Range