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			General Interest Conten	Travel Card Program  Websites
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			<u>Equipment Guides,</u> <u>Microhelp, System Change</u> Requests	

## Table 2-1 Basic Research Areas

	Bas	ic Research Areas
ldentifier	Area	Sub-area
<b>B.1</b>	Physics	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE
B.1.1		Radiation
B.1.2		Matter and Materials
B.1.3		Energetic Processes
B.1.4		Target Acquisition
B.2	Chemistry of the second	<b>建设有的证明的现在中部,对</b> 这个公司的证明是一个公司的证明的证明,不是
B.2.1		Materials Chemistry
B.2.2		Chemical Processes
B.3	Mathematics of the second	
B.3.1		Modeling and Mathematical Analysis
B.3.2		Computational Mathematics
B.3.3		Stochastic Analysis and Operations Research
B.4	Computer Sciences	
B.4.1		Intelligent Systems
B.4.2		Software
B.4.3		Architecture and Systems
B.5	Electronics	
B.5.1		Solid-State and Optical Electronics
B.5.2		Information Electronics
B.5.3	<del> </del>	Electromagnetics
B.6	Materials Science	
e and the second second second second		Structural Materials
B.6.1		Functional Materials
B.6.2		Full City in Materials
<b>B.7</b>	Mechanics	
B.7.1	·	Solid and Structural Mechanics Fluid Dynamics
B.7.2	<u> </u>	Propulsion and Energy Conversion
B.7.3		Propulsion and Energy Control on
B.8	Terrestria Sciences	
B.8.1	<u> </u>	Terrain Properties and Characterization  Terrestrial Processes and Landscape Dynamics
B.8.2		Terrestrial System Modeling and Model Integration
B.8.3	The state of the s	Terrestrial System Modeling and Model Integration
	Ocean Sciences/	<del></del>
B.9.1		Oceanography
B.9.2		Ocean Acoustics
B.9.3	1000 1000 1000 1000 1000 1000 1000 100	Ocean Geophysics
B.10	Atmospheric and Spaces	
	Sciences	
B.10.1		Meteorology Second
B.10.2	<u> </u>	Space Science Remote Sensing
B.10.3		Remote Sensing
<b>B.11</b>	Biological Sciences	
B.11.1		Molecular/Cellular
B.11.2		Systems/Organisms
B.11.3	the design of the second of the foreign strip beautiful dispropries with the	Biomedical
B.12	Cognitive and Neural 4	1000000000000000000000000000000000000
al, an ili	Science	
B.12.1	<u> </u>	Human Performance
B.12.2	<u> </u>	Reverse Engineering

## DoD's Key Technology Areas

The following summarizes the Defense Technology Area Plan.

1	Air Platforms Fixed-Wing Vehicles; Rotary-Wing Vehicles; Integrated High Performance Turbine Engine Technology (IHPTET); Aircraft Power; High-Speed Propulsion and Fuels.		
2	Chemical / Biological Defense CB Detection; CB Decontamination; CB Protection; CB Modeling and Simulation; Medical Chemical Defense; Medical Biological Defense.		
3	Information Systems Technology – Decisionmaking; Information Assurance; Seamless Communication; Modeling & Simulation Technology; Computing and Software Technology.		
4	Ground and Sea Vehicles Technology – Platform and system technologies that support Ground Vehicles; Surface Ship Combatants; and Submarines.		
5	Materials / Processes Materials and Processes for Survivability, Life Extension, and Affordability; Manufacturing Technology; Civil Engineering; Environmental Quality.		
6	<b>Biomedical</b> Infectious Diseases of Military Importance; Combat Casualty Care; Military Operational Medicine; Medical Radiological Defense; Medical Biological Defense; Medical Chemical Defense.		
· <b>7</b>	Sensors, Electronics and Electronic Warfare Radar Sensors; Electro-Optical Sensors; Acoustic Sensors; Automatic Target Recognition; Integrated Platform Electronics; Radio-Frequency Components; Electro-Optical Technology; Microelectronics; Electronic Materials; Electronics Integration Technology; EW Threat Warning; EW Self-Protection; EW Control.		
8	Space Platforms Technology Space Vehicles; Launch Vehicles; Space Propulsion [Integrated High-Payoff Rocket Propulsion Technology (IHPRPT)].		
9	Human Systems System Interfaces and Cognitive Processing; Protection, Sustainment, and Physical Performance; Personnel, Training and Leader Development.		
10	Weapons Two broad categories. 1) Conventional Weapons: Countermine/Mines; Guidance and Control; Guns; Missiles; Ordnance; Undersea Weapons; and Weapon Lethality / Vulnerability. 2) Directed-Energy Weapons: Lasers; and High-Power Microwave.		
11	Nuclear Technology Warfighter Support; Systems Effects and Survivability; Test and Simulation Technology; Environments and Effects; Threat Reduction.		
12	Battlespace Environments Terrestrial Environments; Ocean Battlespace Environments; Lower Atmosphere Environments; Space/Upper Atmosphere Environments.		

			Execution of Time-Critical Missions
J.1.3		Global Information Grid	
J.1.3.1			Universal Transaction Services
J.1.3.2			Distributed Environment Support
J.1.3.3		·	High Assurance of Services
J.2	Precision Fires	The second secon	PACE DIGINAL PROPERTY AND PROPE
J.2.1		Mission Planning	
J.2.1.1		Wilssion Flammig	Planning
J.2.1.2			Surveillance and
0.2.1.2			Reconnaissance
J.2.2	· "-	C4ISR	
J.2.3		Weapon Employment	
J.2.3.1			Target Acquisition
J.2.3.2			Weapon System
			Employment
J.2.3.3			Survivability
J.2.4		Combat Assessment	
	Combat Identification		
J.3.1		Air to Surface	
J.3.2	1	Surface to Surface	
J.3.3		Surface to Air	
J.3.4		Air to Air	
J.4	Joint Theater Missile		数1000000000000000000000000000000000000
	Defense		
J.4.1		C3I	
J.4.2	<u> </u>	Active Defense	
J.4.3		Passive Defense	
J.4.4		Attack Operations	Marine Committee of the
<b>J.5</b>	Military Operations on Urbanized Terrain		
J.5.1		Firepower	
J.5.1.1			Situation Awareness
J.5.1.2			Weapons Effectiveness
J.5.2		Force Protection	
J.5.2.1			Situation Awareness
J.5.2.2			Weapons Effectiveness
J.5.2.3			Individual Protection
J.5.3		Maneuver	
J.5.3.1			Situation Awareness
J.5.3.2			Precision Insertion
J.5.3.3			Individual Mobility
J.6	Joint Readiness		in the contract of the contrac
J.6.1		Joint, Combined, and Interoperability Training	
J.6.1.1			Joint
J.6.1.2			Combined
J.6.1.3			Interoperability
J.6.2		Mission Planning and Rehearsal	
J.6.2.1		Heligaroai	Mission Planning
J.6.2.2			Mission Rehearsal
J.6.3	·	Status Reporting and Predictive Assessment	
J.6.3.1			Status Reporting
J.6.3.2			Predictive Assessment
		Equipping the Force	
J.6.4			
J.6.4 J.6.4.1			System Acquisition
			System Acquisition Industrial Mobilization