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FY24-43 Areas of Interest

Aircraft MX Training & Retention	MX technician training/certification end A/C availability for training due to legacy sustainment
AI Threat & Target Identification	Artificial Intelligence technology to enhance threat and targeting identification in any environment
Assault Zone Operations	Survey, establish, and control LZ/DZ/AZ and conduct precision approach control
Austere Power Generation	Small, lightweight, man-packable power generation for ground elements at austere locations
Autonomous Fires	Conduct stand-off, persistent, autonomous precision strike operations
Battlefield Trauma Care	Provide prompt, initial, blood sub transfusions to sustain life and manage trauma
Biometrics Identification	Identity Intelligence Program hardware, software, training, policy guidance
BLOS without SATCOM	Maintain near real-time data connectivity while operating beyond line of sight
C2 Capability & Capacity	C2 capability & capacity to operate during near-peer competition & conflict
C4ISR Systems Interoperability	Plan, de-conflict, access, share operational information with various agencies/commands
Complex Targeting	Track and engage obscured and fast moving targets in complex combat environments
Common Ops Picture/Common Intel Picture	Fuse geospatial data, static data, track data for near real-time battle space awareness
Forward-Deployed CBRN DECON	CBRN DECON capability for forward-deployed aircraft, equipment, and personnel
Full Spectrum Threat Warning & CM	Access denied airspace with adequate countermeasures against RF, EO, IR, DE, EMP
Global SOF ISR	Conduct global ISR for timely collection, processing, exploitation, & dissemination of information
High Speed VTOL	Conduct medium lift, long range, runway independent, high speed VTOL in contested environments
Human Systems Integration & Performance	Conduct life-cycle management (training, rehab, nutrition etc.) of the human weapons system

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Improved AFSOC Sensors	Sense, acquire, engage, assess enemy activities through environmental conditions
IO & Cyber Capability/Proficiency/Capacity	Information Operations & Cyber technical capabilities, proficiency, and capacity
Low Visibility Communications	Low visibility communications capability in degraded environments
Manned ISR Improvements	Manned ISR range, endurance, tracking and payload capacity to support global SOF
SOF Mobility in Maritime Environments	Conduct runway independent, medium lift SOF mobility operations in maritime environments
Mission Networking	Accurately receive, transmit, exchange, process, and display networking data
Multi-Intelligence Data Correlation & Fusion	Automated, cross-domain, multi-JINT fusion capability with national and coalition agencies
Stand-Off Precision Strike	Conduct Precision strike operations from stand-off distances in contested threat environments
Personal Protective Equipment	Personal protection against environment, small arms, blast/frag, laser, CBRN, etc.
Position, Navigation & Timing	Precision enroute, terminal, and formation aircraft navigation
Scalable Weapons Effects	Ability to scale effects of weapons against surface and sub-surface targets
Signature Management	Reduce and change aircraft and human signature to increase survivability & prevent compromise
Situational Awareness	Collect, disseminate, correlate, fuse, and display threat, target, and C2 data
SOF Air/Ground Training/Rehearsal	Substitute realistic simulator training and rehearsal for live A/C training
SOF Support in Austere Locations	Organic capacity to support & sustain AFSOF operations in austere environments
Survivor Location and ID	Provide accurate, near real-time location and ID data for team/aircrew/aircraft recovery

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