

JFS Tier I SV-4 / SV-5a Functions, Activities, Systems, Data Elements Mapping	Activities	Receive the Mission	Receive the Mission	Conduct Target Analysis	Conduct Target Analysis	Conduct Target Analysis	Conduct Target Analysis	Prepare the Joint Fire Support Estimate	Prepare the Joint Fire Support Estimate	Prepare the Joint Fire Support Estimate	Prepare the Joint Fire Support Estimate	Prepare the Joint Fire Support Estimate	Issue the Commander's Estimate	Issue the Commander's Estimate	Issue the Commander's Estimate	Issue the Commander's Estimate	Issue the Commander's Estimate	Submit Support Requests	Submit Support Requests	Submit Support Requests	Submit Support Requests	Submit Support Requests	Submit Support Requests	Submit Support Requests	Analyze Courses of Action (COAs)
	Systems	Secure Internet Protocol Router Network (SIPRNET)	Secure Voice	Secure Internet Protocol Router Network (SIPRNET)	Secure Voice	Joint Targeting Toolbox (JTT)	Internet Relay Chat (IRC)	Advanced Field Artillery Tactical Data System (AFATDS)	Secure Internet Protocol Router Network (SIPRNET)	Secure Voice	Internet Relay Chat (IRC)	Joint Automated Deep Operations Coordination System (JADOCS)	Advanced Field Artillery Tactical Data System (AFATDS)	Secure Internet Protocol Router Network (SIPRNET)	Secure Voice	Internet Relay Chat (IRC)	Joint Automated Deep Operations Coordination System (JADOCS)	Advanced Field Artillery Tactical Data System (AFATDS)	Secure Internet Protocol Router Network (SIPRNET)	Secure Voice	Internet Relay Chat (IRC)	Joint Automated Deep Operations Coordination System (JADOCS)	Theater Battle Management Core System (TBMCS)	Advanced Field Artillery Tactical Data System (AFATDS)	
	Data Elements																								
System Function	System Function Definition																								
1.1 Process Sensor Signals				X	X	X	X																		
1.2 Perform Search				X	X	X	X																		
1.3 Perform Detection				X	X	X	X	X	X	X	X	X	X	X	X	X	X								
1.4 Sensor Management				X	X	X	X	X	X	X	X	X	X	X	X	X	X								
1.5 Positioning, Navigation, and Timing				X	X	X	X	X	X	X	X	X	X	X	X	X	X								
2.1 Perform Tracking				X	X	X	X	X	X	X	X	X	X	X	X	X	X								
2.2 Combat Identification (CID)				X	X	X	X	X	X	X	X	X	X	X	X	X	X								
3.2 Generate and Manage Situational Awareness (SA) Picture				X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	
3.3 Provide Indications, Warnings, and Alerts				X	X	X	X	X	X	X	X	X	X	X	X	X	X								
3.4 Situational Awareness (SA) Data Management				X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	
3.5 Monitor Mission Readiness								X	X	X	X	X	X	X	X	X	X							X	
4.1 Analyze Natural Environmental Impacts				X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	
4.2 Analyze Natural Environment				X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	
4.3 Analyze Operational Environment				X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	
4.5 Measure Analysis Results				X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	
4.6 Perform Predictive Analysis								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
4.7 Analyze Targets				X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	
4.8 Perform Mission Assessment								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
4.10 Biometric Identification																									
5.1 Create and Revise Plans								X	X	X	X	X	X	X	X	X	X							X	
5.2 Review Plans																		X	X	X	X	X	X	X	
5.3 Rehearse Mission																									
5.4 Assign and Delegate Mission Requirement								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
5.5 Identify Planning Requirement Factors																								X	
5.6 Flight Planning																									
6.1 Manage Platforms and Systems																									
6.2 Decision																								X	
6.3 Perform Engagement																									
7.1 Provide Ability to Communicate		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
7.2 Provide Information Exchange		S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	S R	
7.3 Data Link Services																									
8.1 Network Services																									
8.3 Network Establishment																									
8.4 IT Computing Services																									
8.5 Operate or Maintain Network																									
8.6 Network Configuration																									
8.7 Manage Data																								X	
8.8 Perform User Management Services																									
8.9 Enterprise Network Environment Management																									
8.10 Provide Human Machine Interface (HMI)																									
8.11 Fuse Network Data																									
8.12 Enterprise Collaboration Services																									
9.1 System Maintenance																									
9.2 System Test																									
9.3 System Protection																									
10.1 Supply Chain Management																		X	X	X	X	X	X		
10.2 Transportation																									
11.1 Accommodate Medical Patients																									
11.2 Manage Medical Information																									
11.3 Medical Planning and Execution																									
12.1 Manage Job and Employee Information																									
12.2 Manage Personnel Benefit Information																									
13.1 Operational and Exercise Training																									
13.2 System Training Operations																									
13.3 Administrative Management of Training																									
14.1 Process Intelligence Data				X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	

Analyze Courses of Action (COAs)	Analyze Courses of Action (COAs)	Analyze Courses of Action (COAs)	Analyze Courses of Action (COAs)	Publish Asset Tasking Order	Publish Asset Tasking Order	Publish Asset Tasking Order	Publish Asset Tasking Order	Publish Asset Tasking Order	Initiate Planning Actions	Initiate Planning Actions	Initiate Planning Actions	Initiate Planning Actions	Initiate Planning Actions	Receive Joint Fire Support Plan	Receive Joint Fire Support Plan	Conduct Rehearsals	Conduct Rehearsals	Conduct Rehearsals	Conduct Rehearsals	Conduct Rehearsals	Conduct Rehearsals	Conduct Rehearsals	Conduct Rehearsals	Conduct Rehearsals	Conduct Movement in Accordance with Fire Support Plan	Conduct Movement in Accordance with Fire Support Plan	Conduct Movement in Accordance with Fire Support Plan	Conduct Movement in Accordance with Fire Support Plan	Conduct Movement in Accordance with Fire Support Plan
Secure Internet Protocol Router Network (SIPRNET)	Secure Voice	Internet Relay Chat (IRC)	Joint Automated Deep Operations Coordination System (JADOCS)	Advanced Field Artillery Tactical Data System (AFATDS)	Secure Internet Protocol Router Network (SIPRNET)	Secure Voice	Internet Relay Chat (IRC)	Joint Automated Deep Operations Coordination System (JADOCS)	Advanced Field Artillery Tactical Data System (AFATDS)	Secure Internet Protocol Router Network (SIPRNET)	Secure Voice	Internet Relay Chat (IRC)	Joint Automated Deep Operations Coordination System (JADOCS)	Secure Internet Protocol Router Network (SIPRNET)	Command Post of the Future (CPOF)	Advanced Field Artillery Tactical Data System (AFATDS)	Secure Internet Protocol Router Network (SIPRNET)	Joint Automated Deep Operations Coordination System (JADOCS)	Command Post of the Future (CPOF)	Theater Battle Management Core System (TBMCS)	Tactical Air Control Party Close Air Support System (TACP-CASS)	Maneuver Control System (MCS)	Radio (UHF; VHF AM; VHF FM)	Advanced Field Artillery Tactical Data System (AFATDS)	Secure Internet Protocol Router Network (SIPRNET)	Joint Automated Deep Operations Coordination System (JADOCS)	Command Post of the Future (CPOF)	Theater Battle Management Core System (TBMCS)	
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Conduct Movement in Accordance with Fire Support Plan	Conduct Movement in Accordance with Fire Support Plan	Conduct Movement in Accordance with Fire Support Plan	Conduct Reconnaissance / Surveillance of Target	Conduct Reconnaissance / Surveillance of Target	Conduct Reconnaissance / Surveillance of Target	Receive Target Information	Receive Target Information	Receive Target Information	Receive Target Information	Receive Target Information	Receive Target Information	Receive Target Information	Receive Target Information	Receive Target Information	Receive Target Information	Receive Target Information	Receive Target Information	Evaluate Target Information	Evaluate Target Information	Evaluate Target Information	Evaluate Target Information	Evaluate Target Information	Evaluate Target Information	Evaluate Target Information	Evaluate Target Information	Evaluate Target Information	Determine Engagement	Determine Engagement	Determine Engagement	Determine Engagement
Tactical Air Control Party- Close Air Support System (TACP-CASS)	Maneuver Control System (MCS)	Radio (UHF; VHF AM; VHF FM)	Tactical Data Link (TADL)	Secure Voice	Virtual Distributed Laboratory (VDL)	Advanced Field Artillery Tactical Data System (AFATDS)	Secure Internet Protocol Router Network (SIPRNET)	Secure Voice	Internet Relay Chat (IRC)	Pocket-Sized Forward Entry Device (PFED)	Forward Observer System (FOS)	Tactical Data Link Handoff System (TADL-HS)	Air and Missile Defense Workstations	Joint Automated Deep Operations Coordination System (JADOCS)	Command Post of the Future (CPOF)	Virtual Distributed Laboratory (VDL)	Advanced Field Artillery Tactical Data System (AFATDS)	Secure Internet Protocol Router Network (SIPRNET)	Secure Voice	Internet Relay Chat (IRC)	Joint Automated Deep Operations Coordination System (JADOCS)	Command Post of the Future (CPOF)	Virtual Distributed Laboratory (VDL)	Theater Battle Management Core System (TBMCS)	Advanced Field Artillery Tactical Data System (AFATDS)	Secure Internet Protocol Router Network (SIPRNET)	Secure Voice	Internet Relay Chat (IRC)		
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