

Object Identifier	Main	Requirement	TDD Block
JSJD_FRD-295	JSOW/JDAM JMPS Functional Requirements Document		
JSJD_FRD-296	<u>Category: Mission Management</u>		
JSJD_FRD-297	SOR 1-1 New, Open, Save/Save As, Delete JMPS shall provide the capability to create, modify, save, restore, and delete information required to plan and execute weapon missions.	Requirement	[7.1.5.1] [7.1.5]
JSJD_FRD-299	SOF		
JSJD_FRD-300	SOR 1-1 SOF A Sufficient information shall be stored so as to be able to recreate the mission in its entirety during a separate planning session. Missions need not be complete to be saved. Information shall include, but is not limited to: 3-space (lat/lon/el) trajectory points with their associated velocity vector and time information; navigation point information (waypoints, etc), coordination points (launch/release points, etc) including data objects they should be coordinated with, weapon fuzing data (fuze type/arm time/delay time), a reference to the associated target data, and references to weapon terminal area data files (imagery, line sets, etc.).	Requirement	[2.1.1] [2.1.2] [2.2.3] [7.1.5]
JSJD_FRD-301	SOR 1-1 SOF B Operators shall be able to store missions on both internal and external storage media. Storage to external PC-type media (such as floppies and networks) shall be capable of spanning multiple individual media.	Requirement	[2.1.3.5]
JSJD_FRD-302	SOR 1-1 SOF C GPS Crypto Keys shall not be stored with mission data.		
JSJD_FRD-303	SOR 1-1 SOF D The system shall be capable of storing, appending, and restoring multiple inactive missions to/from external PC-type media such as floppies and networks. Storage to external media shall be capable of spanning multiple individual media. The system shall provide the capability to generate a list of available files located on the external media to aid in these operations.		
JSJD_FRD-304	SOR 1-2 Alternate Save As Formats JMPS shall provide the capability to save missions in Common Route Definition (CRD) format.	Requirement	[6.3.4]
JSJD_FRD-306	SOF		
JSJD_FRD-307	SOR 1-2 SOF A Planners shall be provided the option to store mission data in the CRD format.	Requirement	[2.1.3.5]

JSJD_FRD-308	SOR 1-2 SOF B Storage media shall include all fixed and removable types supported by the host operating system and hardware configuration.	Requirement	[6.3.4]
JSJD_FRD-309	SOR 1-2 SOF C Operators shall be able to read CRD missions from both fixed and external media and shall seamlessly integrate these missions into the host system missions database.	Requirement	[7.3.2]
JSJD_FRD-310	SOR 1-2 SOF D Operators shall be able to exchange CRD-formatted missions electronically.	Requirement	[2.1.1.1]
JSJD_FRD-311	SOR 1-3 Strike Package Information JMPS shall provide the capability to retrieve, store, and erase strike package information associated with a specific weapon mission from the JMPS database.	Requirement	[2.1.3.2] [2.1.3.3]
JSJD_FRD-313	<u>Category: Route Planning</u>		
JSJD_FRD-314	SOR 2-1 Route Deconfliction JMPS shall provide the capability to deconflict both aircraft and weapon routes associated with a complete strike package.	Requirement	[4.3]
JSJD_FRD-316	SOR 2-2 Threat Avoidance/Survivability JMPS shall provide displays to locate threats and their potential lethality for the purpose of avoiding or mitigating such threats.		
JSJD_FRD-318	SOF		
JSJD_FRD-319	SOR 2-2 SOF A The system shall provide the ability to display threat types and locations based on the current threat database as well as RCS and aspect dependent detection and engagement ranges. The system shall provide decluttering capabilities on threat avoidance displays.		
JSJD_FRD-320	SOR 2-2 SOF B The system shall provide displays that depict the overall maximum effective range of surface-to-air missile and anti-aircraft artillery threat systems selected for display by the operator.		
JSJD_FRD-321	SOR 2-2 SOF C The system shall provide simultaneous displays of high and low altitude of radar terrain masking effects for all types of radar guided surface-to-air missile and anti-aircraft artillery threat systems.		
JSJD_FRD-322	SOR 2-2 SOF D The system shall provide simultaneous displays of high and low altitude, and composite detection ranges including radar terrain masking effects for ground-controlled intercept and early warning threat radar systems.		
JSJD_FRD-323	SOR 2-2 SOF E The system shall provide displays		

	showing outlines or boundaries of generalized threat areas (e.g., small arms, hand-held SAMs).		
JSJD_FRD-324	SOR 2-2 SOF F The system shall provide the capability to create alternative threat database sets.		
JSJD_FRD-325	SOR 2-3 Weapon/Aircraft Common Points (automatic updates) JMPS shall provide the capability to use collaborative planning to synchronize common points (release point, aimpoint) between weapon and aircraft missions.		
JSJD_FRD-327	SOF		
JSJD_FRD-328	SOR 2-3 SOF A The system shall notify UPCs that share a common data point of any changes, such as in time and position (lat/long/elevation/altitude).		
JSJD_FRD-329	SOR 2-3 SOF B The system shall provide a mechanism to allow a UPC with a mission plan which contains a common route point which has been changed to accept the changes.		
JSJD_FRD-330	SOR 2-3 SOF C The system shall provide a display of any impacts when a common data point is modified, such as changes in LAR, or changes in prediction results.		
JSJD_FRD-331	SOR 2-3 SOF D When a common data point is modified by one UPC which could trigger a tool in another UPC to run, the system shall allow the User to turn off this tool until needed. Example: If an aircraft UPC is modifying a route which contains a weapons release point, any changes to the aircraft route could modify the aircraft TOF or other parameters of a common data point, and could trigger a GPS weapon UPC to check if the LAR or GPS constellation was still acceptable. The User may not want the system to react to each change until the User has completed a set number of steps, then the User would want the system to check how the final changes impacted the entire route, including weapons release points.		
JSJD_FRD-332	<u>Category: Route Analysis</u>		
JSJD_FRD-333	SOR 3-1 Vertical Analysis and Display JMPS shall provide the capability to display the vertical profile of the selected route for all or an operator-selected portion of the planned route.	Requirement	[7.1.3.1]
JSJD_FRD-335	SOF		
JSJD_FRD-336	SOR 3-1 SOF A The system shall show the underlying terrain elevation and flight path altitude for the purpose of evaluating terrain clearance.		

JSJD_FRD-337	SOR 3-1 SOF B The system shall display threat envelopes, both radar and missile, relative to the vertical flight path.		
JSJD_FRD-338	SOR 3-1 SOF C The system shall provide the operator with the capability to designate points or features along the flight path (e.g., highest terrain point, entry into threat zones) and the vertical display shall provide information regarding the location (e.g., lat/lon, distance downtrack) and flight path (e.g., altitude, airspeed, course) at that point.		
JSJD_FRD-339	SOR 3-1 SOF D The system shall provide the operator with the capability to graphically drag specified points along the flight path to edit their vertical positions.		
JSJD_FRD-340	SOR 3-1 SOF E The system shall provide the operator with the capability to graphically designate specified points along the flight path and bring up a UPC-specified data entry dialog to modify information at that point.		
JSJD_FRD-341	<u>Category: Graphic Displays</u>		
JSJD_FRD-342	SOR 4-1 JMPS Graphical Display Toolkit		
JSJD_FRD-343	SOF		
JSJD_FRD-344	SOR 4-1 SOF A The system shall provide the operator with the capability to graphically drag specified points along the flight path to edit their vertical positions.		
JSJD_FRD-345	SOR 4-1 SOF B The system shall provide the operator with the capability to graphically designate specified points along the flight path and bring up a UPC-specified data entry dialog to modify information at that point.		
JSJD_FRD-346	SOR 4-1 SOF C The system shall provide the operator with the capability to graphically drag specified points along the flight path to edit their positions.		
JSJD_FRD-347	SOR 4-1 SOF D The system shall provide the operator with the capability to graphically designate specified points along the flight path and bring up a UPC-specified data entry dialog to modify information at that point.		
JSJD_FRD-348	SOR 4-1 SOF E The system shall provide a toolkit that allows specification of the color of symbols/graphics placed in the plan view (to include setting things to 'transparent').		
JSJD_FRD-349	SOR 4-1 SOF F The system shall provide a toolkit with declutter features.		

JSJD_FRD-350	SOR 4-1 SOF G The system shall provide a toolkit that allows the creation of line graphics on the plan view with specified line thickness and color.		
JSJD_FRD-351	SOR 4-1 SOF H The system shall preclude the operator from graphically dragging a precision mensurated target point.		
JSJD_FRD-352	SOR 4-2 Grid Displays JMPS shall provide the capability to display latitude/longitude. Universal Transverse Mercator (UTM) and/or Military Grid Reference System (MGRS) coordinate grids.	Requirement	[7.1.4.1]
JSJD_FRD-354	SOF		
JSJD_FRD-355	SOR 4-2 SOF A The system shall provide the capability for the operator to optionally display a Latitude/Longitude coordinate overlay. The grid's granularity shall be automatically scaled commensurate with the overall scale of the background.		
JSJD_FRD-356	SOR 4-2 SOF B The system shall provide the capability for the operator to optionally display a UTM coordinate overlay. The grid's granularity shall be automatically scaled commensurate with the overall scale of the background.		
JSJD_FRD-357	SOR 4-2 SOF C The system shall provide the capability for the operator to optionally display an MGRS coordinate overlay. The grid's granularity shall be automatically scaled commensurate with the overall scale of the background.		
JSJD_FRD-358	SOR 4-3 Shaded Terrain JMPS shall provide a display of shaded terrain elevations within an area based on NIMA's DTED product or an equivalent or more accurate data source.	Requirement	[7.1.3.1]
JSJD_FRD-360	SOF		
JSJD_FRD-361	SOR 4-2 SOF A The system shall provide a minimum of ten, evenly graduated shades to the display.		
JSJD_FRD-362	SOR 4-4 Digital Charts and Imagery JMPS shall provide displays of geo-registered digital charts and images within an area.	Requirement	[7.1]
JSJD_FRD-364	SOF		
JSJD_FRD-365	SOR 4-4 SOF A The system shall provide the ability for the operator to optionally display the following CADRG data products: GNC, JNC, ONC, TPC, JOG-A, JOG-G, JOG-R, TLM-100.		

JSJD_FRD-366	SOR 4-4 SOF B The system shall provide the ability for the operator to optionally display the following Compressed Image Base data products: 10-meter, 5-meter.		
JSJD_FRD-367	SOR 4-5 Cultural Features JMPS shall provide the capability to display cultural feature information.	Requirement	[7.1]
JSJD_FRD-369	SOF		
JSJD_FRD-370	SOR 4-5 SOF A The system shall provide the ability for the operator to optionally display, at a minimum, roadways, manmade vertical obstructions, and waterways (rivers, lakes, etc.)		
JSJD_FRD-371	<u>Category: Prediction Products</u>		
JSJD_FRD-372	SOR 5-1 Joint Munitions Effectiveness Manual (JMEM) Access JMPS shall provide access to the JMEM and tools to integrate the recommended results of that tool into a mission plan.	Requirement	[2.2.3]
JSJD_FRD-374	SOF		
JSJD_FRD-375	SOR 5-1 SOF A The system shall provide access to a list of supported munitions.		
JSJD_FRD-376	SOR 5-1 SOF B The system shall provide access to a list of supported target categories by munition.		
JSJD_FRD-377	SOR 5-1 SOF C The system shall provide access to a list of supported target subcategories by target category.		
JSJD_FRD-378	SOR 5-1 SOF D The system shall provide access to a list of target kill levels by target subcategory.		
JSJD_FRD-379	SOR 5-1 SOF E The system shall provide access to computed weapon MAE for given impact conditions against a specified target category/target subcategory/target kill level for a specified munition.		
JSJD_FRD-380	SOR 5-2 SLIC JMPS shall provide access to the SLIC tool to integrate the recommended results of that tool into a mission plan.	Requirement	[7.1]
JSJD_FRD-382	<u>Category: Report and Briefing Products</u>		
JSJD_FRD-383	SOR 6-1 Print Capability JMPS shall provide the capability to print the results of a mission planning session in black and white, color, and/or transparencies.	Requirement	[3.10.2]
JSJD_FRD-385	SOR 6-2 Kneeboard Cards	Requirement	[3.10.2]

	JMPS shall provide the capability to create user-defined Kneeboard Cards.		
JSJD_FRD-387	SOF		
JSJD_FRD-388	SOR 6-2 SOF A The system shall display or produce hardcopy flight cards.		
JSJD_FRD-389	SOR 6-2 SOF B The system shall output flight cards to fit on standard aircrew kneeboard cards and ensure that they are readable under normal flight conditions.		
JSJD_FRD-390	<u>Category: Data Access Availability / Databases</u>		
JSJD_FRD-391	SOR 7-1 Database Support - System Programs JMPS shall allow the system's programs to manipulate, access, retrieve, store and copy data associated with required databases such as terrain, imagery, intel, threats, and GPS data.	Requirement	[2.1.3.5]
JSJD_FRD-393	SOR 7-2 Link to Intel Databases JMPS shall provide an interface to all source threat and target databases. This should incorporate organic and non-organic sources and provide for fusion and quality control. Disseminate to users with measures of confidence to include geolocation accuracy and time latency. The selected database will provide tools to the user to recognize and resolve ambiguities between data sources.	Requirement	[2.1.1.1]
JSJD_FRD-395	SOR 7-3 Operational Areas JMPS shall provide database support for operational areas which can be easily selected by planners to orient their planning sessions within a geographic area.	Requirement	[2.2.2]
JSJD_FRD-397	SOR 7-4 Terrain Elevation Databases JMPS shall provide the capability to automatically or manually load, update, access, backup, transfer, save and delete, at a minimum, Digital Terrain Elevation Data (DTED) Level I and II.	Requirement	[7.1]
JSJD_FRD-399	SOF		
JSJD_FRD-400	SOR 7-4 SOF A The system shall provide the capability to retrieve the requested digital terrain data elements in typical database access times not to exceed 1 second.		
JSJD_FRD-401	SOR 7-5 Imagery Databases JMPS shall provide the capability to automatically or manually load, update, access, backup, transfer, save and delete imagery products.	Requirement	[2.1.3.3.1]
JSJD_FRD-403	SOF		
JSJD_FRD-404	SOR 7-5 SOF A At a minimum, the imagery		

	products shall consist of EO, IR, and SAR images from NTM and tactical sources in NITF 2.0 or 2.1 format.		
JSJD_FRD-405	SOR 7-5 SOF B The system shall provide the capability to retrieve the requested imagery in less than 1 minute.		
JSJD_FRD-406	SOR 7-6 Target Databases JMPS shall provide the capability to automatically or manually load, update, access, backup, transfer, save and delete target database information.	Requirement	[2.1.3.3.1] [2.2.3]
JSJD_FRD-408	SOF		
JSJD_FRD-410	SOR 7-6 SOF A At a minimum, the target database shall consist of WAC/BE numbers, corresponding facility numbers, target location (lat/lon/el), target location error (horizontal, vertical, and 50% or 90%), target name, target description (ex. length, width, height), and JMEMs target category/subcategory.		
JSJD_FRD-411	SOR 7-6 SOF B The system shall provide the capability to retrieve the requested target data elements in typical database access times not to exceed 1 second.		
JSJD_FRD-412	SOR 7-7 Global Positioning System Support Databases JMPS shall provide the capability to automatically or manually load, update, access, backup, transfer, save and delete NAVSTAR formatted GPS satellite almanac, health, A/S, and configuration information.	Requirement	[2.1.3.2] [3.3.2.4.1]
JSJD_FRD-414	SOR 7-8 GPS Keys JMPS shall provide the capability to access GPS red and black keys.	Requirement	[2.1.3.2] [3.3.2.4.1]
JSJD_FRD-416	SOR 7-9 Threat Databases JMPS shall provide the capability to automatically or manually load, update, access, backup, transfer, save and delete threat database information for all JSOW and JDAM variants.	Requirement	[2.1.3.3.1] [2.2.1.2.4]
JSJD_FRD-418	SOF		
JSJD_FRD-419	SOR 7-9 SOF A At a minimum, the threat database shall consist of order of battle, polygon area threat, political alliance, threat characteristic and lethality information.		
JSJD_FRD-420	SOR 7-10 Cultural Features Databases JMPS shall provide the capability to automatically or manually load, update, access, backup, transfer, save and delete cultural features database information.	Requirement	[2.1.3.1] [2.1.3.2] [2.1.3.3]
JSJD_FRD-422	SOF		

JSJD_FRD-423	SOR 7-10 SOF A At a minimum, the cultural features database shall consist of roadways, manmade vertical obstructions, and waterways (rivers, lakes, etc.)		
JSJD_FRD-424	SOR 7-10 SOF B The system shall provide the capability to retrieve the requested cultural feature data elements in typical database access times not to exceed 1 second.		
JSJD_FRD-425	SOR 7-11 Weather Databases JMPS shall provide electronic access to METOC and environmental data elements, products and related tools.	Requirement	[2.1.3.2] [2.1.5] [2.2.2]
JSJD_FRD-427	SOF		
JSJD_FRD-428	SOR 7-11 SOF A At a minimum, the weather data elements shall consist of winds at altitude, winds at target, cloud ceiling at target, cloud coverage at target, rain rate at target, temperature at target, absolute humidity at target, and visibility at target.		
JSJD_FRD-429	SOR 7-11 SOF B The system shall provide the capability to display the weather data.		
JSJD_FRD-430	SOR 7-11 SOF C The system shall provide the capability to produce and access an on-line weather briefing.		
JSJD_FRD-431	SOR 7-11 SOF D The system shall provide electronic access to historical weather, current weather, and standard day weather.		
JSJD_FRD-432	SOR 7-11 SOF E The system shall provide the capability to retrieve the requested weather data elements in typical database access times not to exceed 1 second.		
JSJD_FRD-433	<u>Category: Operator Interface / Usability</u>		
JSJD_FRD-434	SOR 8-1 Display and Entry of Units JMPS shall require that data is to be presented or entered in a readable format which does not require transposing, computing, interpolating or mentally translating.	Requirement	[7.1]
JSJD_FRD-436	SOR 8-2 Geographic Location Data Entry JMPS shall allow operators to enter geographic locations in latitude/longitude, UTM Grid or MGRS coordinate formats.	Requirement	[7.1.3.1]
JSJD_FRD-438	SOF		
JSJD_FRD-439	SOR 8-2 SOF A The system shall provide the capability to support multiple NIMA approved datums (including WGS-84 as a minimum) at once.		
JSJD_FRD-440	SOR 8-2 SOF B The system shall provide magnetic variance for each		

	requested geographic point.		
JSJD_FRD-441	SOR 8-2 SOF C The system shall support, as a minimum, formats of DDD:MM.MMMM and DDD:MM:SS.SS to an accuracy of 1 foot.		
JSJD_FRD-442	SOR 8-2 SOF D The system shall provide the capability to automatically translate geographic points from one datum to another using NIMA approved translation techniques.		
JSJD_FRD-443	SOR 8-3 User Preferences and Defaults JMPS shall provide the capability for the planner to be able to specify preferences such as platform type, weapons, tactical area of interest, display formats, and kneeboard card formats. Additionally, the planner may specify defaults such as call sign, aircraft serial number, unit, home station, communication frequencies, IFF/SIF codes, etc.	Requirement	[7.1.4]
JSJD_FRD-445	SOR 8-4 Menu Cancel / Abort Options JMPS shall provide a means for conveniently exiting data entry menus and windows and returning to the previous logical decision point.	Requirement	[7.1.5.1]
JSJD_FRD-447	SOR 8-5 Valid Defaults for Values Whenever Possible JMPS shall implement a consistent methodology for providing default values to system prompts and data entry fields.	Requirement	[7.1.6]
JSJD_FRD-449	SOR 8-6 View, Manipulate, Edit and Print any Display JMPS shall provide the ability to replicate, edit, and rapidly print the display of any JMPS component system, GCCS-M, or an Integrated Video System, or imagery on a Large Screen Display.	Requirement	[7.1.4]
JSJD_FRD-451	SOR 8-7 On-Line Help Each data entry field in JMPS shall have a help utility available for assisting the operator in providing an accurate and complete response to a query.	Requirement	[7.3.3]
JSJD_FRD-453	SOF		
JSJD_FRD-454	SOR 8-7 SOF A The system shall provide On-Line Help, Help features, balloon or pull-down help queries for all products (context-sensitive where appropriate).		
JSJD_FRD-455	SOR 8-7 SOF B The system will provide the planner with electronic access to reference materials including but not limited to OPNAVINST 3710, NATOPS, NOTAMS, MCM 3-1, TACMANs, TACNOTES, and UPC Software User's Manuals.		
JSJD_FRD-456	SOR 8-7 SOF C Day-to-day operational procedures (ATO/ACO SPINS, BG OPTASK, CVW		

	TACNOTES and TACPROS, ROE etc.) shall be electronically available to the Mission Commanders, Element Planners, Tomahawk Planners, Targeteers, Weaponers, and CAG OPS/Strike OPS.		
JSJD_FRD-457	SOR 8-8 Computer Based Training To facilitate effective implementation of mission planning capabilities, JMPS shall provide a computer-based training system as a subset of total system functionality.	Requirement	[7.3.7]
JSJD_FRD-459	SOF		
JSJD_FRD-460	SOR 8-8 SOF A Training shall be based on electronic media, eliminating the dependence on physical materials and allowing remote training.		
JSJD_FRD-461	SOR 8-9 Data Preservation JMPS shall provide the capability to recover files in case of a system crash as well as allowing undo/redo (multiple levels).	Requirement	[7.1.5.1]
JSJD_FRD-463	<u>Category: Communications</u>		
JSJD_FRD-464	SOR 9-1 Connectivity JMPS shall provide the capability for multi-service interoperability, distributed collaborative planning, e-mail, and sharing data/planning in a networked environment.	Requirement	[4] [7.5.2]
JSJD_FRD-466	SOF		
JSJD_FRD-467	SOR 9-1 SOF A The system shall provide access to the World Wide Web and SIPRNET		
JSJD_FRD-468	SOR 9-1 SOF B The system shall provide the capability and access to e-mail		
JSJD_FRD-469	SOR 9-1 SOF C The system shall provide the capability to perform shared data/planning in a network environment.		
JSJD_FRD-470	SOR 9-1 SOF D The system shall provide mechanisms by which a UPC may activate another UPC.		
JSJD_FRD-471	SOR 9-1 SOF E The system shall provide communications mechanisms to allow inter-UPC communication.		
JSJD_FRD-472	SOR 9-1 SOF F The system shall provide communications mechanisms which allow inter-UPC data requests.		
JSJD_FRD-473	SOR 9-1 SOF G The system shall provide communications mechanisms which allow UPCs to query other UPCs for the names of their supported data items.		

JSJD_FRD-474	SOR 9-1 SOF H The system shall provide the capability to seamlessly exchange intentions, mission tasking, conceptual plans, mission plans, routes, targeting data, intelligence between geographically isolated planners through various echelons and across various services.		
JSJD_FRD-475	SOR 9-1 SOF I The system shall incorporate a set of collaborative planning tools on JMPS which will allow users to collaborate on the strike/mission plan. A user may share his unit, element or strike/level plan with other users for review, approval or alteration. Provide collaboration utilizing secure technologies such as electronic white board, e-mail, and video teleconferencing capabilities.		
JSJD_FRD-476	<u>Category: JSIPS-N Access</u>		
JSJD_FRD-597	SOR 10-1 JSIPS-N Query JMPS shall provide the capability to query JSIPS-N for imagery using JSOW/JDAM Common Unique Planning Component (CUPC) supplied image query parameters.	Requirement	[2.1.3.2] [2.2.3]
JSJD_FRD-599	SOF		
JSJD_FRD-600	SOR 10-1 SOF A JMPS provides an interface for the JSOW/JDAM CUPC to provide image query and ATA generation parameters when a subliminal query is initiated from the JSOW/JDAM CUPC.		
JSJD_FRD-601	SOR 10-1 SOF B JMPS provides an interface for the JSOW/JDAM CUPC to provide image query and ATA ge		
JSJD_FRD-602	neration parameters when a manual query is initiated from the JSOW/JDAM CUPC.		
JSJD_FRD-603	SOR 10-1 SOF C JMPS provides the JSOW/JDAM CUPC image query and ATA generation parameters to the JSIPS-N/JMPS Interface.		
JSJD_FRD-604	SOR 10-1 SOF D For a manual query, the JSIPS-N/JMPS Interface displays the Query Details window and auto-fills the window with displayable image query parameters provided by the JSOW/JDAM CUPC.		
JSJD_FRD-605	SOR 10-1 SOF E The JSIPS-N/JMPS Interface initiates the image query to JSIPS-N with the query parameters provided by the JSOW/JDAM CUPC.		
JSJD_FRD-486	SOR 10-2 Sort Capability JMPS shall sort the query results using a JSOW/JDAM CUPC provided sorting algorithm.	Requirement	[7.1.5]
JSJD_FRD-488	SOF		
JSJD_FRD-489	SOR 10-2 SOF A The JSIPS-N/JMPS Interface receives the image query results from JSIPS-N.		

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JSJD_FRD-490	SOR 10-2 SOF B The JSIPS-N/JMPS Interface sorts the image query results using the JSOW/JDAM CUPC provided sorting algorithm.		
JSJD_FRD-491	SOR 10-2 SOF C The image selected by the sorting algorithm is at the top of the sorted list.		
JSJD_FRD-492	SOR 10-3 Display Query Results JMPS shall display the query results.	Requirement	[7.1.3.1]
JSJD_FRD-494	SOF		
JSJD_FRD-495	SOR 10-3 SOF A The JSIPS-N/JMPS Interface displays the sorted query results in the JSIPS-N/JMPS Interface Query Results/Retrieval window.		
JSJD_FRD-496	SOR 10-4 ATA Image Product Generation JMPS shall provide the capability to initiate a request to JSIPS-N to generate an ATA image product using JSOW/JDAM CUPC supplied ATA product generation requirements.	Requirement	[7.1.5]
JSJD_FRD-498	SOF		
JSJD_FRD-499	SOR 10-4 SOF A JMPS provides an interface for the JSOW/JDAM CUPC to provide ATA product generation parameters when a subliminal query is initiated from the JSOW/JDAM CUPC.		
JSJD_FRD-500	SOR 10-4 SOF B JMPS provides an interface for the JSOW/JDAM CUPC to provide ATA product generation parameters when a manual query is initiated from the JSOW/JDAM CUPC.		
JSJD_FRD-501	SOR 10-4 SOF C The selected image filename from which to generate an ATA product is highlighted in the query results list in the JSIPS-N/JMPS Interface Query Results/Retrieval window.		
JSJD_FRD-502	SOR 10-4 SOF D The ATA product generation request is initiated from the JSIPS-N/JMPS Interface Query Results/Retrieval window.		
JSJD_FRD-503	SOR 10-4 SOF E The JSIPS-N/JMPS Interface initiates an ATA product generation request to JSIPS-N using the ATA product generation parameters from the JSOW/JDAM CUPC.		
JSJD_FRD-504	SOR 10-5 ATA Image Product Transfer JMPS shall provide the capability to transfer the ATA image product from JSIPS-N to a directory specified by the JSOW/JDAM CUPC.		

JSJD_FRD-506	SOF		
JSJD_FRD-507	SOR 10-5 SOF A The JSIPS-N/JMPS Interface receives the ATA product from JSIPS-N.		
JSJD_FRD-508	SOR 10-5 SOF B The JSIPS-N/JMPS Interface transfers the ATA product from JSIPS-N to the directory specified by the JSOW/JDAM CUPC.		
JSJD_FRD-509	SOR 10-6 ATA Image Product Query JMPS shall provide the capability to query for pre-generated ATA image products residing on JSIPS-N.	Requirement	[2.1.1.1] [2.1.2.3]
JSJD_FRD-511	SOF		
JSJD_FRD-512	SOR 10-6 SOF A JMPS provides an interface for the JSOW/JDAM CUPC to provide pre-generated ATA image product query parameters when a manual query is initiated from the JSOW/JDAM CUPC.		
JSJD_FRD-513	SOR 10-6 SOF B JMPS provides the ATA image product query parameters from the JSOW/JDAM CUPC to the JSIPS-N/JMPS Interface.		
JSJD_FRD-514	SOR 10-6 SOF C The JSIPS-N/JMPS Interface initiates the ATA image product query to JSIPS-N with the query parameters provided by the JSOW/JDAM CUPC.		
JSJD_FRD-515	SOR 10-7 ATA Image Product Retrieval JMPS shall provide the capability to retrieve pre-generated ATA image products residing on JSIPS-N.	Requirement	[2.1.1.1] [2.1.3.1]
JSJD_FRD-517	SOF		
JSJD_FRD-518	SOR 10-7 SOF A The JSIPS-N/JMPS Interface displays the query results for the ATA image product query in the JSIPS-N/JMPS Interface Query Results/Retrieval window.		
JSJD_FRD-519	SOR 10-7 SOF B The JSIPS-N/JMPS Interface initiates the retrieval of selected ATA product(s) from JSIPS-N.		
JSJD_FRD-520	SOR 10-7 SOF C The system shall provide the capability to retrieve the selected ATA product(s) from JSIPS-N in less than 1 minute.		
JSJD_FRD-521	SOR 10-8 ATA Image Product Import JMPS shall provide the capability to import pre-generated ATA image products retrieved from JSIPS-N into the JSOW/JDAM CUPC.		
JSJD_FRD-523	SOF		
JSJD_FRD-524	SOR 10-8 SOF A For a retrieved ATA product, initiate the export of the ATA product from the JSIPS-N/JMPS Interface Query Results/Retrieval window to the JSOW/JDAM CUPC.		

JSJD_FRD-525	SOR 10-8 SOF B The JSIPS-N/JMPS Interface transfers the ATA product selected for export to the directory specified by the JSOW/JDAM CUPC.		
JSJD_FRD-526	SOR 10-9 Target Folder Query JMPS shall provide the capability to query for a target folder residing on JSIPS-N.	Requirement	[7.1.5]
JSJD_FRD-528	SOF		
JSJD_FRD-529	SOR 10-9 SOF A JMPS provides an interface for the JSOW/JDAM CUPC to provide target folder query parameters when a manual query is initiated from the JSOW/JDAM CUPC.		
JSJD_FRD-530	SOR 10-9 SOF B JMPS provides the target folder query parameters from the JSOW/JDAM CUPC to the JSIPS-N/JMPS Interface.		
JSJD_FRD-531	SOR 10-9 SOF C The JSIPS-N/JMPS Interface initiates the target folder query to JSIPS-N with the query parameters provided by the JSOW/JDAM CUPC.		
JSJD_FRD-532	SOR 10-10 Target Folder Retrieval JMPS shall provide the capability to retrieve a target folder residing on JSIPS-N.	Requirement	[7.1.5]
JSJD_FRD-534	SOF		
JSJD_FRD-535	SOR 10-10 SOF A The JSIPS-N/JMPS Interface displays the query results for the target folder query in the JSIPS-N/JMPS Interface Query Results/Retrieval window.		
JSJD_FRD-536	SOR 10-10 SOF B The JSIPS-N/JMPS Interface initiates the retrieval of target folder(s) from JSIPS-N.		
JSJD_FRD-537	SOR 10-10 SOF C The system shall provide the capability to retrieve the selected target folder(s) from JSIPS-N in less than 1 minute.		
JSJD_FRD-538	SOR 10-11 Target Folder Import JMPS shall provide the capability to import a target folder retrieved from JSIPS-N into the JSOW/JDAM CUPC.		
JSJD_FRD-540	SOF		
JSJD_FRD-541	SOR 10-11 SOF A For a retrieved target folder, initiate the export of the target folder (text and imagery products) from the JSIPS-N/JMPS Interface Query Results/Retrieval window to the JSOW/JDAM CUPC.		
JSJD_FRD-542	SOR 10-11 SOF B The JSIPS-N/JMPS Interface transfers the target folder (text and imagery products) selected for export to the directory specified by the JSOW/JDAM CUPC.		

JSJD_FRD-543	SOR 10-12 Retrieval and Storage JMPS shall provide the capability to retrieve a product or products from the query results list and store the product(s) in a directory specified by the JSOW/JDAM CUPC.		
JSJD_FRD-545	SOF		
JSJD_FRD-546	SOR 10-12 SOF A JMPS provides an interface for the JSOW/JDAM CUPC to provide product query parameters.		
JSJD_FRD-547	SOR 10-12 SOF B JMPS provides the product query parameters from the JSOW/JDAM CUPC to the JSIPS-N/JMPS Interface.		
JSJD_FRD-548	SOR 10-12 SOF C The JSIPS-N/JMPS Interface software initiates a product query to JSIPS-N using the JSOW/JDAM CUPC-provided query parameters.		
JSJD_FRD-549	SOR 10-12 SOF D The JSIPS-N/JMPS Interface software displays the JSOW/JDAM CUPC-sorted query results list.		
JSJD_FRD-550	SOR 10-12 SOF E The JSIPS-N/JMPS Interface software initiates the product retrieval request to JSIPS-N.		
JSJD_FRD-551	SOR 10-12 SOF F The JSIPS-N/JMPS Interface software retrieves the product from JSIPS-N.		
JSJD_FRD-552	SOR 10-12 SOF G The JSIPS-N/JMPS Interface software provides for the export of the product to the directory specified by the JSOW/JDAM CUPC.		
JSJD_FRD-553	SOR 10-13 Target Folder Filter JMPS shall provide the capability to filter target folder query results.	Requirement	[7.1.5]
JSJD_FRD-555	SOF		
JSJD_FRD-556	SOR 10-13 SOF A JMPS provides an interface for the JSOW/JDAM CUPC to provide target folder filter parameters with a target folder query request.		
JSJD_FRD-557	SOR 10-13 SOF B JMPS provides for the entry of the following parameters from the JSOW/JDAM CUPC as part of the target folder query request to enable target folder query results filtering by the JSIPS-N/JMPS Interface, JSOW/JDAM CUPC Name, BE Number, and ATO Event Name.		
JSJD_FRD-558	SOR 10-13 SOF C JMPS provides the target folder filter parameters from the JSOW/JDAM CUPC to the JSIPS-N/JMPS Interface.		
JSJD_FRD-559	SOR 10-13 SOF D The JSIPS-N/JMPS Interface software displays the JSOW/JDAM CUPC-sorted query results list.		
JSJD_FRD-560	SOR 10-13 SOF E The JSIPS-N/JMPS Interface software filters target folder query results from JSIPS-N based upon JSOW/JDAM CUPC provided filter parameters.		

	CUPC-provided filter parameters.		
JSJD_FRD-561	SOR 10-13 SOF F The JSIPS-N/JMPS Interface software displays the JSOW/JDAM CUPC-sorted target folder query results list.		
JSJD_FRD-562	<u>Category: Security</u>		
JSJD_FRD-563	SOR 11-1 Multi-Security Levels JMPS shall be capable of operating within unclassified, classified, and Multiple Secure Level (MSL) environments.	Requirement	[7.2]
JSJD_FRD-565	SOF		
JSJD_FRD-566	SOR 11-1 SOF A The system shall be able to exchange and use classified/sensitive mission-critical information securely, for the needed security environments (both local and networked).		
JSJD_FRD-567	SOR 11-1 SOF B The system shall meet the classified processing requirements specified by the designated approval authority (DAA) and appropriate DOD security guidelines for handling classified information.		
JSJD_FRD-568	SOR 11-1 SOF C The system shall support encryption/decryption for mission planning and loading of Communications Security (COMSEC) and GPS crypto keys.		
JSJD_FRD-569	SOR 11-1 SOF D The system shall be capable of upgrading to classified and MSL operations without requiring re-installation of the application software.		