

RIAC Contract Number:

SUBTASK XX: Joint Strike Fighter Program Office (JSF) and Headquarters Air Combat Command (ACC) Requirements and Acquisition Support

REQUESTING ACTIVITY'S STATEMENT OF WORK

1.0 BACKGROUND

1.1 Headquarters Air Combat Command (ACC) Directorate of Requirements, JSF Division (A8F35), requires generation and update of numerous Joint Capabilities Integration and Development System (JCIDS)-directed publications to capture Operational Advisory Group (OAG)-approved requirements. Among those are:

- Update of the JSF Operational Requirements Document (ORD)
- A Capabilities Based Assessment conducted in accordance with (IAW) Joint and United States Air Force (USAF) guidelines as an underpinning analysis for follow-on development capabilities for the F-35
- Development of Initial Capabilities Documents (ICD)
- Assist with Follow-on Development (FoD) Strategy and Roadmap Support
- Material Development Decision (MDD) Documentation Support
- Development of Capability Development Documents (CDD)
- Development of Capability Production Documents (CPD)
- Development of briefings associated with the JCIDS approval process
- Development of briefings for required Joint Requirements and Oversight Council (JROC)-mandated updates

1.2 These documents will help fulfill the ultimate goal of developing and fielding a viable strike fighter for the US Air Force and the JSF community as well as operate worldwide and within the broad spectrum of changing roles and missions depicted in the ORD and CDDs/CPDs documenting follow-on increments. The RA requires subject matter expertise to conduct studies and document analysis, reliability data analysis, acquisition planning and management tasks to achieve these goals.

1.3 In addition, the Joint Strike Fighter Director of Air System Development requires assistance in program management for execution of the System Design and Development phase and planning for follow-on development (FoD) efforts. The RA requires program strategy development, analysis, planning and documentation support for future SDD activities and issues; awareness of cost schedule and technical risk and their relationship to award fees; and the development of program strategies and documentation for FoD.

2.0 SPECIFIC TASKS TO BE ACCOMPLISHED

2.1 The RIAC SMEs shall analyze existing JSF requirements documentation as well as determine the additional information necessary to deliver subsequent JSF requirements documents. They will use results from various studies and analyses that have been conducted to reflect the current capabilities shortfalls, and analysis to be conducted which will be documented in the ORD up dates, CDDs and CPDs. The RIAC shall glean

information and studies within the Joint Staff, Air Naval and Marine Corps Staff, Headquarters Air Combat Command, International Partners, and other organizations. RIAC will require access to completed studies, roadmaps, costs, and capabilities documents which will impact the completion of the analysis and the development of requirements documents. The RIAC SMEs shall specify refined performance attributes, including Key Performance Parameters, which will provide authoritative, testable capabilities.

- 2.2 .The RIAC SMEs will develop a draft ICD that reflects the results of the CBA. Deliverable: MS Word document in accordance with the MANUAL FOR OPERATION OF THE JCIDS that includes a completely JCIDS-compliant draft ICD. One hard and one electronic copy delivered to HQ ACC/A8F35 based on changes proposed, and adjudication of changes from the JCIDS review process. The information will also be captured in the annual JROC update briefing.
- 2.3 The RIAC will complete the Increment 2 CDD in JCIDS-compliant format including changes based on inputs received as part of the Increment 2 Technology Development (TD) phase and lessons learned during the Increment 1 SDD phase, as well as changes generated by the military services and international partners. Deliverable: MS Word document in accordance with the MANUAL FOR OPERATION OF THE JCIDS that includes a completely JCIDS-compliant draft CDD. One hard and one electronic copy delivered to HQ ACC/A8F35 based on changes proposed, and adjudication of changes from the JCIDS review process. The information will also be captured in the annual JROC update briefing.
- 2.4 The RIAC will assist ACC/A8F and the Director, Air Systems Requirements (ASR) in developing the JROC Update Briefing mandated by JROCM 196-09
- 2.5 The RIAC will assist the Director, ASR in developing a FoD Strategy and Roadmap detailing the combined requirements and acquisition schedule for F-35.
- 2.6 The RIAC will assist ACC/A8F35 in developing, staffing and producing JSF ORD Change Notice (CN)-4 (if required)
- 2.7 Aassist ACC/A8F in developing the ICD traceability and AoA sufficiency documentation for the MDD (or MDD alternative)
- 2.8 The RIAC will assist Director, Air System Development in the oversight of, and provide analysis and reporting on, the following activities:



- Program strategy development for SDD and FoD execution
- Management of cost, schedule and technical risk activities for SDD and FoD programs
- Detailed acquisition planning of FoD efforts, which could include acquisition strategies, roadmap development, contract strategies, cost assessments and program funding requirements
- Program office-wide coordination of FoD development programs and support strategies

3.0 DELIVERABLES/REPORTING REQUIREMENTS

DELIVERABLE SCHEDULE

DELIVERABLE	DACA
Monthly Status Report	45 days after award and provide 15 business days after close of month thereafter
JROC Update Briefing	Within 30 days of contract award
FoD Strategy and Roadmap Inputs	6 months upon award of subtask
ICD Traceability Briefing	3 months after award of subtask
Draft AoA Sufficiency/Guidance Memo	6 months after award of subtask
Draft Initial Capabilities Document	6 months upon award of subtask
Final Increment 2 CDD	6 months upon award of subtask
Draft AFROC Briefings	As required for the ICD and CDD
Annual JROC Update Briefing	5 months upon award of subtask

4.0 PERIOD OF PERFORMANCE

This subtask shall be performed over a period of 6 months from contract award.

5.0 COST SUMMARY

The budget for this task is estimated at \$451,000 including the 3.5% DTIC government fee. Incremental funding will be provided contingent upon available funds and tasks required.

The work performed under this contract will be up to the “TOP SECRET/SAR” level. Access to classified facilities will be required to accomplish the tasks specified above.

7.0 RA VERIFICATION: I have reviewed the items above, will serve as government oversight to this subtask and approve/direct travel/ODCs for this effort. Upon completion of this

requirement, I will complete a Close-Out Form provided by Wyle regarding contractor performance on the subtask above. This form will be returned to Wyle upon completion.

8.0 CONTRACTOR VERIFICATION: All costs and tasks incorporated herein are included in the proposal for [REDACTED]		
9.0 CONTRACT SOW [REDACTED] REFERENCES		
This effort in this subtask is covered under the following paragraphs of the [REDACTED] [REDACTED]		
Section reference	[REDACTED]	[REDACTED]

RIAC TAT: 0150

Title: Joint Strike Fighter (JSF) Requirements, Acquisition and Sustainment Analysis - WBB

REQUESTING ACTIVITY TASK STATEMENT

1 BACKGROUND

3.1 Headquarters Air Combat Command (ACC) Directorate of Requirements, JSF Division (A8F35), requires generation and update of numerous Joint Capabilities Integration and Development System (JCIDS)-directed publications to capture Operational Advisory Group (OAG)-approved requirements. Among those are:

- Update of the JSF Operational Requirements Document (ORD)
- Development of Initial Capabilities Documents (ICD)
- Provide Follow-on Development (FoD) Strategy and Roadmap Support
- Material Development Decision (MDD) Documentation Support
- Development of FoD Capability Development Documents (CDD)
- Development of System Development and Demonstration (SDD) and FoD Capability Production Documents (CPD)
- Development of briefings associated with the JCIDS approval process
- Development of briefings for required Joint Requirements and Oversight Council (JROC)-mandated updates

3.2 These documents will help fulfill the ultimate goal of developing and fielding a viable strike fighter for the US Air Force and the JSF community that will operate worldwide and within the broad spectrum of changing roles and missions depicted in the ORD and CDDs/CPDs documenting follow-on increments. The Requesting Activity (RA) requires subject matter expertise to conduct studies and document analysis, reliability data analysis, acquisition planning and management tasks to achieve these goals.

- 3.3 In addition, the Joint Strike Fighter Director of Air System Development requires assistance in program management for execution of the SDD phase and planning for FoD efforts. The RA requires program strategy development, analysis, planning and documentation support for future SDD activities and issues; awareness of cost schedule and technical risk and their relationship to award fees; and the development of program strategies and documentation for FoD.
- 3.4 To optimize requirements forecasting and optimization during FoD, developing a Baseline Capability Roadmap will provide insight into the following: long-term mission capabilities and requirements; environment; threats; target set projections; platform system's health; supportability and force structure plans. It also includes an operational concept for the aircraft in a future joint warfighting environment, taking into account joint warfighting interrelationships and the network centric environment in which they will operate. A sustainment concept will address future sustainment environment, transformational logistics support concepts and other mandates that will impact the platform. The roadmap includes an optimal investment strategy to address sustainment and operational modernization needs based on fleet health factors and available technological advances to meet warfighter's needs. Most importantly, the roadmap uses an analytical approach which is repeatable, defendable, and traceable while at the same time providing a consensus among all concerned agencies to include Combatant Commander (CCDR) staffs, force providers, force maintainers and sustainers, and the broader platform community.
- 3.5 The RIAC roadmap developer needs to have an established relationship with the Services' and Partner's aviation community with a thorough and demonstrated understanding of JCIDS documentation, weapon system roadmaps, concepts of operations, logistics assessment processes, acquisition program support, capability assessments, etc. Additionally, for the purposes of strategic planning and roadmap development, the developer has to have a proven, high-level competency with Analytical Hierarchy Processes (AHP), Value Focused Thinking (VFT), linear programming and other analytic tools used in a coherent approach to develop and define requirements, develop concepts of operations, determine performance measures, define a prioritization process, facilitate the process and deliver in-depth analysis with solutions optimized to meet the customers' requirements.
- 3.6 The Joint Strike Fighter (JSF) Program Office (JSFPO) faces a variety of challenges associated with understanding, managing, maintaining and sustaining the airworthiness of the USAF and Department of the Navy (US Navy and USMC) F-35 fleets. The JSFPO is preparing for a USAF conducted October 2010 Airworthiness Board followed by a similar board for the Navy in 2011. Preparation for these reviews includes assurance that sustainment processes are properly documented to include roles and responsibilities of the JSFPO, contractors, Services and Partners. The specific objective of this effort is to develop critical Sustainment Operating Instructions (SOI) for approximately 65 separate topics not later than 30 September 2010 and complete remaining documentation by the end of calendar year 2010.
- 3.7 The JSFPO requires RIAC Subject Matter Expert (SME) assistance to develop the SOIs and associated process maps to satisfy U.S. Service and International documentation/body of evidence requirements for Airworthiness Certification, Flight Clearances, and Independent Competent Body Assessments. The RIAC SME will provide support to the JSFPO team to

analyze, map and document JSFPO proposed processes and information flows/requirements to ensure continued airworthiness, match those against USAF and Department of the Navy (US Navy and USMC) requirements, identify gaps, and propose solutions to those gaps. The RIAC SME will also provide support to the JSFPO SOI project manager to ensure process mapping efforts meet planned milestones to include coordination with Lockheed Martin or Pratt & Whitney as appropriate, verification by the Information Review Board, validation with process personnel and JSF PEO signature. This effort will address the following areas (other areas may be identified during the course of this analysis):

- Airworthiness
- Configuration Management
- Change Management
- Training
- Maintenance
- Propulsion
- Support Equipment
- Supply Chain Management
- Security
- Fleet Support
- Joint Technical Data (O&M)
- Joint Technical Data (FSD)
- ALIS
- Performance Management/Metrics
- PHM
- Quality Management System
- Site Activation/Facilities Evaluation
- Weapons/Ordnance

3.8 ASR requires one (1), two-day orientation course for a maximum class size of 40 students.

The course will include the following training modules:

- Joint Capabilities Integration and Development System (JCIDS) (approximately 2 hours)
- DOD Acquisition Process (approximately 2.5 hours)
- Planning, Programming, Budgeting and Execution System (PPBE) (approximately 2.5 hours)
- Working with Congress (approximately 1.5 hours)
- Navy Organization and Requirements (approximately 1 Hour)
- Marine Corps Organization and Requirements (approximately 1 Hour)
- Air Force Organization and Requirements (approximately 1 Hour)

SPECIFIC TASKS TO BE ACCOMPLISHED

3.9 JCIDS Support

3.9.1 The RIAC SMEs shall analyze existing JSF requirements documentation as well as determine the additional information necessary to support subsequent JSF requirements documents. They will use results from various studies and analyses that have been conducted to reflect the current capabilities shortfalls, and analysis to be conducted which will be documented in the ORD updates, CDDs and CPDs. The RIAC shall glean information and studies within the Joint Staff, Air, Naval and Marine Corps Staff, Headquarters Air Combat Command, International Partners, and other organizations. RIAC will require access to completed studies, roadmaps, costs, and capabilities documents which will impact the completion of the analysis and the development of requirements documents. The RIAC SMEs shall specify refined performance attributes, including Key Performance Parameters, which will provide authoritative, testable capabilities.

- 3.9.2 The RIAC SMEs will develop a final ICD that reflects the results of the Capabilities Based Assessment (CBA) and the results of adjudicating comments received during Joint Staffing. Deliverable: MS Word document in accordance with the MANUAL FOR OPERATION OF THE JCIDS that includes a completely JCIDS-compliant draft ICD. One hard and one electronic copy delivered to HQ ACC/A8F35 based on changes proposed, and adjudication of changes, from the JCIDS review process. The information will also be captured in the annual JROC update briefing.
- 3.9.3 The RIAC will continue development of the Increment 2 CDD in JCIDS-compliant format including changes based on inputs received as part of the Increment 2 Technology Development (TD) phase and lessons learned during the Increment 1 SDD phase, as well as changes generated by the military services and international partners. Deliverable: Draft MS Word document in accordance with the MANUAL FOR OPERATION OF THE JCIDS that includes a JCIDS-compliant draft CDD. One hard and one electronic copy delivered to HQ ACC/A8F35 based on changes proposed, and adjudication of changes from the JCIDS review process. The information will also be captured in the annual JROC update briefing.
- 3.9.4 The RIAC will assist ACC/A8F35 and the Director, Air Systems Requirements (ASR) in developing the JROC Update Briefing mandated by Joint Requirements Oversight Council Memorandum (JROCM) 196-09
- 3.9.5 The RIAC will assist ACC/A8F35 in developing, staffing and producing JSF ORD Change Notice (CN)-4 (if required)
- 3.9.6 Assist ACC/A8F35 in developing the ICD traceability and Analysis of Alternatives (AoA) sufficiency documentation for the Milestone Development Decision (MDD) (or MDD alternative) – these tasks will now be included in the Roadmap effort detailed below.
- 3.9.7 The RIAC SME will assist ACC/A8F35 and the Directors, ASR and Air System Development (ASD) in developing and staffing the F-35 Roadmap. The Roadmap will make up Annex 1 to the ACC Modernization & Sustainment Proposal (MSP) and forms the analytical foundation for the MSP. The F-35 Roadmap will include an assessment of operational, acquisition and sustainment concepts, as well as decision analysis support for sustainment and modernization planning of the F-35 fleet for 2016-2025. This proposed F-35 Roadmap will be based on a number of factors to include the long-term mission capabilities and requirements; threat and target set projections, platform systems health, supportability and force structure plans. It must also include the expected operational and acquisition concept for the aircraft in the future joint warfighting environment, taking into account the interrelationships with other joint warfighting capabilities and the network centric environment in which they will operate, as well as incorporating results of processes already resident within the F-35 program. The impact of the future sustainment environment, transformational logistics support concepts and other mandates will also be addressed. Importantly, the roadmap should be based on an analytical approach which is repeatable, defensible, and traceable while at the same time providing a consensus among all concerned agencies to include Combatant Commanders, force providers, force maintainers and sustainers, and the broader fighter community. Finally, the roadmap will provide an optimal investment strategy to address the F-35 sustainment and acquisition modernization needs based on fleet health factors and available technological advances to meet the warfighter's needs.

3.9.8 The RIAC SME will attend Operational Advisory Group (OAG), Requirements Working Group (RWG) and other ASR meetings as required to provide expertise and insight into the JCIDS implications of requirements actions being considered.

3.10 Air System Development (ASD) Support:

3.10.1 The RIAC will assist Director, Air System Development in the oversight of, and provide analysis and reporting on, the following activities:

- Program strategy development for SDD and FoD execution
- Management of cost, schedule and technical risk activities for SDD and FoD programs
- Detailed acquisition planning of FoD efforts, which could include acquisition strategies, roadmap development, contract strategies, cost assessments and program funding requirements
- Program office-wide coordination of FoD development programs and support strategies

3.10.2 Autonomic Logistics and Sustainment (ALS) Support

3.10.2.1 Task 1 – The RIAC SMEs shall assess JSFPO progress to date and estimate the level of effort remaining to accomplish full development and approval of Standard Operating Instructions (SOI) in accordance with the F-35 JSFPO Operations Order (OPORD) 001-10 established criteria and timeline. The RIAC SMEs shall:

3.10.2.2 Identify specific criteria for USAF Airworthiness Certification Board.

3.10.2.3 Identify “critical” SOIs, that minimum list of specific SOIs required to meet USAF Airworthiness Certification Board criteria

3.10.2.4 Assess level of maturity and complexity of issue SOI development mapping, validation and verification to meet USAF Airworthiness Certification Board criteria. Maturity will range from 0% to 100% complete and complexity will range from low to high using criteria jointly developed with the JSFPO project officer.

Complexity Maturity	Low	Med	High
< 25%	Phase A	Phase B	Phase B
26% - 50%	Phase A	Phase B	Phase B
50% - 75%	Phase A	Phase A	Phase B
75% <	Phase A	Phase A	Phase A

3.10.2.5 Coordinate with SOI managers to determine barriers remaining to accomplish SOI development and process mapping on planned timeline.

3.10.2.6 Provide recommendations to bound the scope of effort required to obtain USAF flight clearance for the first two aircraft configurations planned for delivery and operations at Eglin AFB FL.

3.10.2.7 Identify specific resources required and actions required to accomplish near-term SOI requirements in accordance with the F-35 JSFPO OPORD 001-10.

3.10.2.8 Provide a phased plan of action to supplement JSFPO personnel and contractors to complete SOI development project objectives. Phase A will address up to 35 SOIs that are the most mature and least complex. Phase B will address the remaining SOIs.

Provide a price proposal to accomplish Task 3. JSFPO is responsible for providing all relevant information and making SMEs available for review and validation.

3.10.3 Task 2 – The RIAC SMEs shall provide support to the JSFPO teams to develop critical SOIs in accordance with the F-35 JSFPO OPORD 001-10 for Phase A. The RIAC SMEs shall

- 3.10.3.1 Provide support to analyze, map and document JSFPO proposed processes and information flows/requirements to ensure continued airworthiness
- 3.10.3.2 Match those against USAF and Department of the Navy (US Navy and USMC) requirements and identify gaps. Specifically, the contractor shall
 - 3.10.3.2.1 Review Department of Defense (DoD) and Service-specific policies, procedures and directives governing the topic being discussed to ensure compliance with Service directives, or identify gaps/conflicts with processes/solutions developed for the F-35.
 - 3.10.3.2.2 Identify and document process dependencies and ground rules & assumptions (GR&A).
- 3.10.3.3 Capture and produce a process map for each process identified, to include roles and responsibilities using Business Process Modeling Notation (BPMN) as established by the Object Management Group BPMN 2006 Specification. Identify and document:
 - 3.10.3.3.1 The end-to-end process for each referenced SOI.
 - 3.10.3.3.2 Information/data users and producers.
 - 3.10.3.3.3 Information/data tools and media.
 - 3.10.3.3.4 Information/data requirements of all involved with or affected by the subject process, to include information access/classification and releasability.
 - 3.10.3.3.5 Information/data requirements of the subject process and any information/data dependencies.
- 3.10.3.4 Capture and produce and information map of information/data flow.
 - 3.10.3.4.1 Document in detail the end-to-end information flow outlined in the information map.
- 3.10.3.5 Identify and address process and information gaps
 - 3.10.3.5.1 Using the process maps, identify gaps in the processes for each issue (SOI)
 - 3.10.3.5.2 Work collaboratively with the JSFPO personnel to develop and coordinate proposed solutions to those gaps.
- 3.10.3.6 Identify tools and other resources required for process and information requirements.
- 3.10.3.7 Identify any other topics that need to be added to the 65 presently being tracked for the USAF Airworthiness Certification Board in Oct. 3.11 Conduct How Washington Works (HWW) Training
 - 3.11.1 One (1), two-day “How Washington Works” course based on ASR-desired syllabus.

DELIVERABLES/REPORTING REQUIREMENTS

DELIVERABLE SCHEDULE

DELIVERABLE	DACA
Monthly Status Report	45 days after award and provide 5 business days after close of month

	thereafter
Final Initial Capabilities Document	6 months upon award of subtask
Updated Draft Increment 2 CDD	6 months upon award of subtask
Draft JCIDS Briefings	As required for the ICD and CDD
Develop Plan of Action for Tasks 2 and 3 as well as a Price Proposal for Task 3	7 days upon award of subtask
Process and Information Maps, and associated documentation for Phase A	45 days upon award of subtask
Process and Information Maps, and associated documentation for Phase B	75 days upon award of subtask
Phase I of the F-35 Roadmap (up through candidate data collection and will include previous tasks of ICD Traceability Briefing and Draft AoA Sufficiency/Guidance Memo)	6 months upon award of subtask
HWW Course	6 months upon award of subtask

PERIOD OF PERFORMANCE

This subtask shall be performed over a period of 6 months from contract award.

SECURITY

The work performed under this contract will be up to the “TOP SECRET/SAR” level. Access to classified facilities will be required to accomplish the tasks specified above.

ALS CHGS:

1.1 Autonomic Logistics and Sustainment (ALS) Support

1.1.1 Task 1 – The RIAC SMEs shall assess JSFPO progress to date and estimate the level of effort remaining to accomplish full development and approval of Standard Operating Instructions (SOI) in accordance with the F-35 JSFPO Operations Order (OPORD) 001-10 established criteria and timeline. The RIAC SMEs shall:

1.1.1.1 Validate specific criteria for USAF Airworthiness Certification Board.

1.1.1.2 Validate “critical” SOIs that are on the minimum list of specific SOIs required to meet USAF Airworthiness Certification Board criteria.

1.1.1.3 Assess level of maturity and complexity the functional area SOIs to meet USAF Airworthiness Certification Board criteria using the SOI assessment matrix depicted below. Maturity will range from 0% to 100% complete and complexity will range from low to high using criteria jointly developed with the JSFPO project officer.

Complexity Maturity	Low	Med	High
< 25%	Phase A	Phase B	Phase B
26% - 50%	Phase A	Phase B	Phase B
50% - 75%	Phase A	Phase A	Phase B
75% <	Phase A	Phase A	Phase A

1.1.1.4 Identify specific resources and actions required to accomplish near-term SOI requirements in accordance with the F-35 JSFPO OPORD 001-10.

1.1.1.5 Provide a multi-phased plan of action to supplement JSFPO personnel and contractors to complete SOI development project objectives. Phase A will address up to 35 SOIs that are the most mature and least complex based on urgency of need as determined by the JSFPO and our collaborative SOI development partner, Dayton Aerospace Incorporated. Phase B will address the remaining critical and non-critical SOIs. Phase C and beyond will address the follow-on SOI activities required to meet the airworthiness criteria established by the F-35’s international partners. JSFPO is responsible for providing all relevant information and making SMEs available for review and validation.

1.1.2 Task 2 – The RIAC SMEs shall provide support to the JSFPO teams to develop critical SOIs in accordance with the F-35 JSFPO OPORD 001-10 for Phase A. The RIAC SMEs shall

1.1.2.1 Provide support to analyze, map and document JSFPO proposed processes and information flows/requirements to ensure continued airworthiness.

1.1.2.2 Compare US Services (i.e., USAF, USN and USMC) and United Kingdom (UK) Ministry of Defence (MOD) airworthiness requirements and identify gaps. Specifically, the contractor shall:

1.1.2.2.1 Review Department of Defense (DoD), MOD and Service-specific policies, procedures and directives governing airworthiness to ensure compliance with Service directives, or identify gaps/conflicts with processes/solutions developed for the F-35.

1.1.2.2.2 Identify and document process dependencies and ground rules & assumptions (GR&A).

- 1.1.2.3 Provide support to develop a SOI verification, validation and demonstration (VV&D) approach and plan that will be used to evaluate the accuracy and capability of the SOIs in support of continued airworthiness prior to scheduled flight operations at Eglin AFB, FL.
- 1.1.2.3.1 The plan will establish a demonstration schedule to verify and validate the Phase A critical SOIs, and identify the baseline Go/No-Go evaluation criteria used to assess the SOIs.
- 1.1.2.4 Review existing process maps contained in the Phase A critical SOIs and identify any gaps between the information requirements associated with determining the airworthiness of the F-35 for each service, and the AIRS models that were created for the development of ALIS or other F-35 unique information management systems. Access to Lockheed Martin’s Joint Document Library (JDL) is required to conduct this portion of the task. The team will submit the required access request to the JSFPO for approval and forwarding to Lockheed Martin.
- 1.1.3 Task 3 – RIAC SMEs shall provide support to the JSFPO teams to execute a demonstration of SOIs to verify and validate their accuracy and capability in accordance with the F-35 JSFPO OPORD 001-10. The RIAC SMEs shall:
 - 1.1.3.1 Coordinate, schedule and facilitate the execution of the SOI VV&D activity in two phases.
 - 1.1.3.1.1 Phase-I, activities are designed to focus on conducting the VV&D assessment on “Critical SOI” being presented to the USAF Airworthiness Certification Board in October 2010
 - 1.1.3.1.1.1 The VV&D execution activity will accomplish the following:
 - 1.1.3.1.1.2 Capture the results of each SOI demonstration using the Go/No-Go evaluation criteria contained in the VV&D plan and provide feedback to the JSFPO team and the SOI authors.
 - 1.1.3.1.2 Provide support to the SOI authors during the VV&D effort and assist them with any follow-on revisions to the SOI based on the results of the evaluation and the feedback received.
- 1.2 Task 4 – The RIAC SMEs shall provide support to the JSFPO teams to develop the remaining critical and JSFPO directed non-critical SOIs in accordance with the F-35 JSFPO OPORD 001-10 for Phase B. The RIAC SMEs shall:
 - 1.2.1.1 Provide support to analyze, map and document JSFPO proposed processes and information flows/requirements to ensure continued airworthiness
 - 1.2.1.2 Review existing process maps contained in the Phase B critical and non-critical SOIs and identify any gaps between the information requirements associated with determining the airworthiness of the F-35 for each service, and the AIRS models that were created for the development of ALIS or other F-35 unique information management systems. Access to Lockheed Martin’s Joint Document Library (JDL) is required to conduct this portion of the task. The team will submit the required access request to the JSFPO for approval and forwarding to Lockheed Martin.

DELIVERABLE	DACA
ALS Task-1: Develop Plan of Action for accomplishing Tasks 2 through 4 (Microsoft Word)	21 days upon award of subtask.

ALS Task-2a: SOI Verification, Validation and Demonstration Approach and Plan (Microsoft Word)	30 days upon award of subtask
ALS Task-2b: SOI Support Summary for “Critical” Phase A SOIs (Microsoft Word)	75 days upon award of subtask
ALS Task-3: Phase-I SOI Verification, Validation and Demonstration Execution Summary and Status Report (Microsoft Excel/PowerPoint)	Phase-I: 120 days upon award of subtask
ALS Task-4: SOI Support Summary for remaining “Critical” and JSFPO directed “Non-Critical” Phase B SOIs (Microsoft Word)	90 days upon award of subtask