



448th Supply Chain Management Wing

Strategic Sourcing Program Overview



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Overview



- Strategic Alternate Sourcing Program Office (SASPO) Overview
- SASPO Mission Statement
- Strategic Sourcing Overview
 - Commercially-Used Overhauled Program
 - Reverse Engineering/Repair Development/Additive Manufacturing Program
 - Sustaining Engineering Program
 - Supply Chain Consortium Initiative (SCCI) Other Transaction Authority (OTA)
- Strategic Sourcing Industry Day Benefits
- SASPO Products
- Technical Order and Data Requests
- Overview of Source Approval Requests
- SASPO Website
- Strategic Sourcing POCs



Strategic Alternate Sourcing Program Office (SASPO)



Centralized Cross-Functional Support Team with Targeted Results



Diminishing Manufacturing Sources & Material Shortages

- Predictive Tool
- Analysis & Resolution
- Policy Oversight & Mngmt

Strategic Sourcing

- Source Approval Requests (SARs)
- Alternate Sourcing Strategies
- Commercially Used Overhauled Program
- Reverse Engineering/Repair Development
- Marketing Strategies
- End of Life (EOL)
- Other Transaction Authority (OTA)
- Provides policy
- Manages web-based tool MPST

Increase Supportability ★ Increase Availability ★ Increase Competition ★ Reduce Costs



Mission Statement



- Serve as the Command Diminishing Manufacturing Sources and Material Shortages (DMSMS) subject expert program office by providing AFLCMC, AFSC, AFNWC, Program Offices, and other AF organizations with predictive tools, a DMSMS case resolution archive, analysis and resolution capabilities, data processing, and training for effective management of DMSMS in AF weapon systems. Portfolio managed (\$, people, programs, etc.)

- Serves as the 448 SCMW focal point for Strategic Sourcing efforts, responsible for providing a strategic focus on qualifying and developing alternate sources, developing and implementing strategies for increased supportability and parts availability, and leveraging opportunities for resolution of obsolescence issues across the enterprise Air Force Technical Data & Qualification Process. Provides policy and guidance as well as management of the web-based tool MPST.

Enterprise Focused & Sourcing Solution Program Office

Supplying Warfighter Dominance



Industry Day Benefits



- Communicate 448 SCMW and AFLCMC projected requirements
- To be effective and efficient in supply chain planning and execution
- Resource for private industry
- Government focal point
- Identification of possible Reverse Engineering, Repair Development, Additive Manufacturing candidates
- Source Approval Request (SAR) training



429 SCMS SASPO Website

VENDOR RESOURCES

- T.O. Fact Sheet
- Quick Overview of Qualification Process 2015
- White Paper Template
- Small Business Office (SBO)
- DD Form 2345
- MMAC Code Identifier
- Acronym Finder
- AMSC RMSC Codes Defined
- Drawing Fact Sheet
 - Tinker Request for Engineering Data
 - Public Sales Request Form
- More to come ...

SASPO ANNOUNCEMENTS

- **Tinker Air Force Base, Okla. --**
 - Industry Day 17 Aug 2018
 - To register, email the [SASPO Office](#). Include First and Last Name, Company Name, Phone Number and Email.
 - [Industry Day Aug 2017](#)
 - [Industry Day Feb 2017](#)
 - [F108 Industry Day Jan 2017](#)
- **Hill Air Force Base, Utah --**
 - 2018 Industry Day (tentatively scheduled for 20 Jul 18)
 - To register, email the [SASPO Office](#). Include First and Last Name, Company Name, Phone Number and Email.
 - [Industry Day June 2017](#)
- **Robins Air Force Base, Ga. --**
 - Industry Day 22 Mar 2018
 - [Industry Day Sep 2017](#)

REFERENCE DOCS

- [SAR Propulsion Training 2017](#)
- [Manufacture Qualification Requirements \(MQR\) for Propulsion Critical Safety Items \(CSI\) Critical Application Items \(CAI\)](#)
- [USAF Propulsion Manufacture Spare, MQR-PSD-1](#)
- [Repair Qualification Requirements \(RQR\) for Propulsion Critical Safety \(CSI\) Critical Application Items \(CAI\)](#)
- [USAF Propulsion Repair, RQR-PSD-1](#)
- [Repair Qualification Requirements \(RQR\) for Propulsion Critical Safety \(CSI\) Critical Application Items \(CAI\) with a Source Demonstration](#)
- [USAF Propulsion Repair Source Demonstration, RQR-PSD-2](#)
- [LPS Form 815 20171004 SAR Evaluation Checklist Distribution E](#)
- [848 QR Master Item List](#)
- [JQR-RQR-848](#)
- [RQR-848](#)

SASPO PRODUCTS

- [SASPO Commercially-Used Overhauled List from Fall 2017 Requirements](#)
- [Spring 2018 Target List](#)
- [Spring 2018 G Coded List](#)
- [Spring 2018 RPOW Repair](#)
- [Spring 2018 RPOW Spares](#)

RPOW HISTORICAL LISTS

SOURCE DEVELOPMENT

- [AFMCI 23-113](#)
- [DLA WebFLIS](#)
- [FBO](#)
- [Defense Logistics Agency Internet Bid Board System \(DIBBS\)](#)
- [Aviation Critical Safety Item Management Handbook \(CSI Handbook\)](#)
- [JACG Source-Approved and Management Handbook](#)

<http://www.tinker.af.mil/Home/429SCMSSASPO.aspx>



Strategic Sourcing Overview

- **Commercially Used and Overhauled (CU/OH) Program:** Match AF Requirements to Industry Availability of Commercially-used Parts with Military Application
- **Reverse Engineering/Repair Development (RE/RD) Program:** Reduce Air Force Supply Chain Costs/Risks through Increased Competitive Sourcing Strategies and Focus on Creating Competition to Improve Affordability and Supportability
- **Sustaining Engineering (SE) Program:** Provide overall program management for engineering projects that resolve technical or supportability deficiencies.
- **End-of-Life Program:** Proactively prevents sustainability issues resulting from contractor discontinuing a product line
- **SCCI OTA:** Enhancing the mission effectiveness of military personnel and supporting platforms, systems, components, or materials proposed to be acquired by DoD



SASPO Products

- Provide industry the following opportunities:

- **RPOW (Requirements Projected On the Web).** This list provides projected AF requirements (ERRC 8 and 9 items managed within the 448 SCMW) over the next 3-4 years. This list has requirements for **Buy (Spares)** and **Repairs**.
- **Target List.** These 284 items have only 1 or 2 approved sources and the government should own the drawings and Tech Orders. All items have future projected requirements. An approved SAR is required to become a qualified source for any of these items.
- **CU/OH (Commercial Used Overhaul) list.** Items used on commercial derivative aircraft that the Air Force also flies/uses today. These items have been overhauled/repaired to meet military standards. If you have available stock and/or wish to become a repair source, a SAR will be required.
- **G-Coded List.** This list of 296 items we should own the data and do not require a SAR. The items are considered free and open and only require that you respond to the solicitation with your proposal.



Air Force Qualification Process



- Research www.beta.SAM.gov
- Determine the Managing Organization
- Request the Qualification Requirements (QR)
- Procure Drawings/Manufacturing or Repair Data
- Do your Market Research
- Build and submit your SAR Package
- For DLA Managed Items call 804.279.5114 or email at:
http://www.aviation.dla.mil/UserWeb/AviationEngineering/Engineering/valueengineering/RPPOB_SAR.asp
- This information is also found on our SASPO Website and the Strategic Sourcing Brochure



Technical Order & Data Requests

Technical Order Requests

- DD Form 2345 – Militarily Critical Technical Data Agreement (completed, signed and certified)
- Request on Company Letterhead to include:
 - Current date
 - Phone number and fax number
 - Point of contact and signature
 - Detailed background information about your company/org
 - Clear reason or justification for the request
 - Clear description of the specific intended use of the data
 - Tech Manual Number and Weapon System
 - NSN, Part Number, and Nomenclature
- Send request to the following offices:
 - Robins: robinspublicsales@us.af.mil
 - Hill and Tinker: aflcmc.ezgtp.PubSale@us.af.mil

Data Requests

- DD Form 2345 – Militarily Critical Technical Data Agreement (completed, signed and certified)
- Complete a Request For Engineering Data Form and ensure following information is provided:
 - Drawing number
 - Cage Code/Nomenclature
 - National Stock Number and/or Part Number
 - Specific business purpose for which data would be used
- Send request to the following Public Sales office:
 - Hill: aflcmc.ezgtp.PubSale@us.af.mil
 - Robins: robinspublicsales@us.af.mil
 - Tinker: ocalc.lgldo.public@us.af.mil
- Allow 30 business days for response to data or technical order requests



Technical Order & Data Requests for Hill and Robins AFBs



Disclaimer

- The Robins and Hill Public Sales Offices (PSOs) have implemented some changes to their process we feel Industry needs to be aware of. Their research fee is now between \$264-\$272/hour and this fee must be paid in full regardless if data is available or not. Please see the statement below from their offices if the fee is not paid within 45 days.
- “Future requests for data will not be processed at this office if the fees incurred on this request are not paid within 45 days. The future request(s) will be returned unprocessed due to outstanding fees due and this company will be placed in our inactive files until outstanding fees due are paid.”**

*** If the SASPO quad charts state the data is NOT available, please do not submit a data request to the PSO because you will be expected to pay the research fee. ***



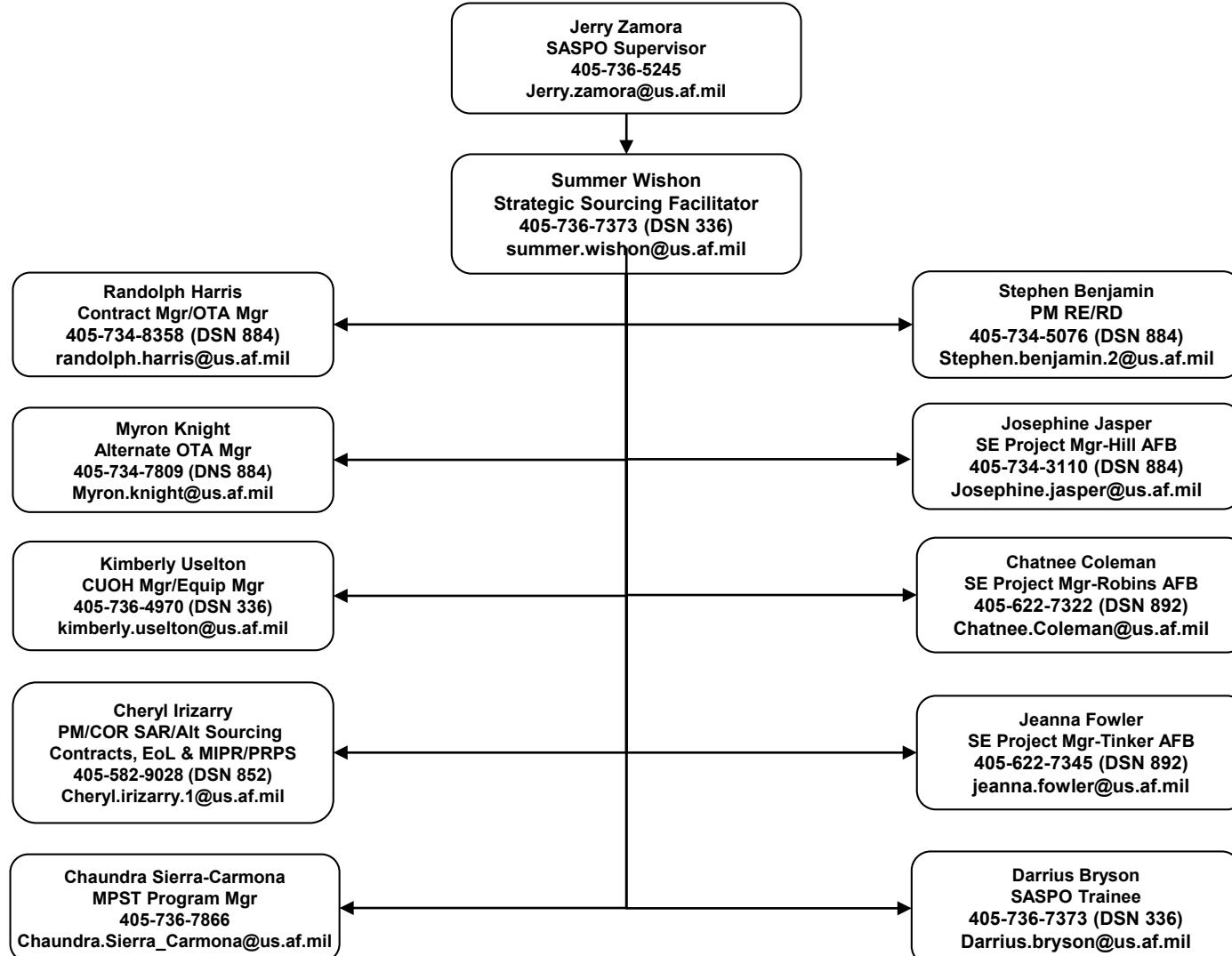
Overview of Source Approval Requests

- SASPO manages an Engineering Services Support Contract to assist in qualifying current and new sources of supply and repair for Air Force components
- Follow guidance and procedures from AFMCI 23-113 (Pre-Award Qualification of New or Additional Parts Sources and The Use of the Source Approval Request (SAR))
- SARs provide the process and documentation to become a qualified alternate source
- Additional sources increases the acquisition competition and system availability
- Provides efficiencies in managing SARs
- Current turnaround time is 30 days for an open solicitation and 60-90 days for others

Current Savings to date = \$54.6M



Strategic Sourcing POCs





Questions

A large, stylized purple and yellow shield logo. Inside the shield is a globe with a network of white arrows pointing upwards and outwards. Below the globe is a stylized representation of the Earth's surface. The word "AF SUSTAINMENT CENTER" is written in a purple, serif font along the bottom curve of the shield.



448th Supply Chain Management Wing



Commercially Used & Overhauled Program



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March 2021

Supplying Warfighter Dominance



Commercially-Used Overhauled Program

- **Air Force (AF) requirements**
 - Items with & without AF approved source(s) of repair
 - FAA Part 145 certified repair house
 - Additional opportunities for commercially-used parts
- **Other SASPO Programs/Products**
 - Reverse Engineer / Repair Development (Myron Knight)
 - RPOW Repairs List (4yrs of forecasted raw data)
 - RPOW Spares List (3yrs of forecasted raw data)
 - SASPO Target List
 - SASPO “G” Coded List
- **Source Approval Request (SAR) training (available on our website) <https://www.tinker.af.mil/Home/429SCMS-SASPO/>**



Overview of Commercially-Used Parts



- **Objective:** Match AF requirements to industry availability of commercially-used parts with a military application
- **Purpose:** To drive cost efficiencies through careful implementation of a commercial practice
- **Goal:** Achieve cost efficiencies and war fighter support
- **Savings to date:** Over \$132M



Commercially-Used Overhauled Program

Prototype



Pilot 2011-2012

- 1st approved item
- 1st contract awarded

RESULTS:

- Significant savings
- 84 days reduced PLT

Expand



2012-2020

- Approved many items through SAR process
- 46 contracts awarded
- Added FAA as an option for non-CSI parts
- Awarded First Method 2 on 2 July 2019

RESULTS:

- Significant savings
- 319 days reduced PLT

Standardize



2021 and Beyond

- Analyze other AF parts outside of propulsion that have commercial applications.
- Analyze other commercial derivative engines.
- Increase approved items through Source Approval process

Increase Supportability



Increase Availability



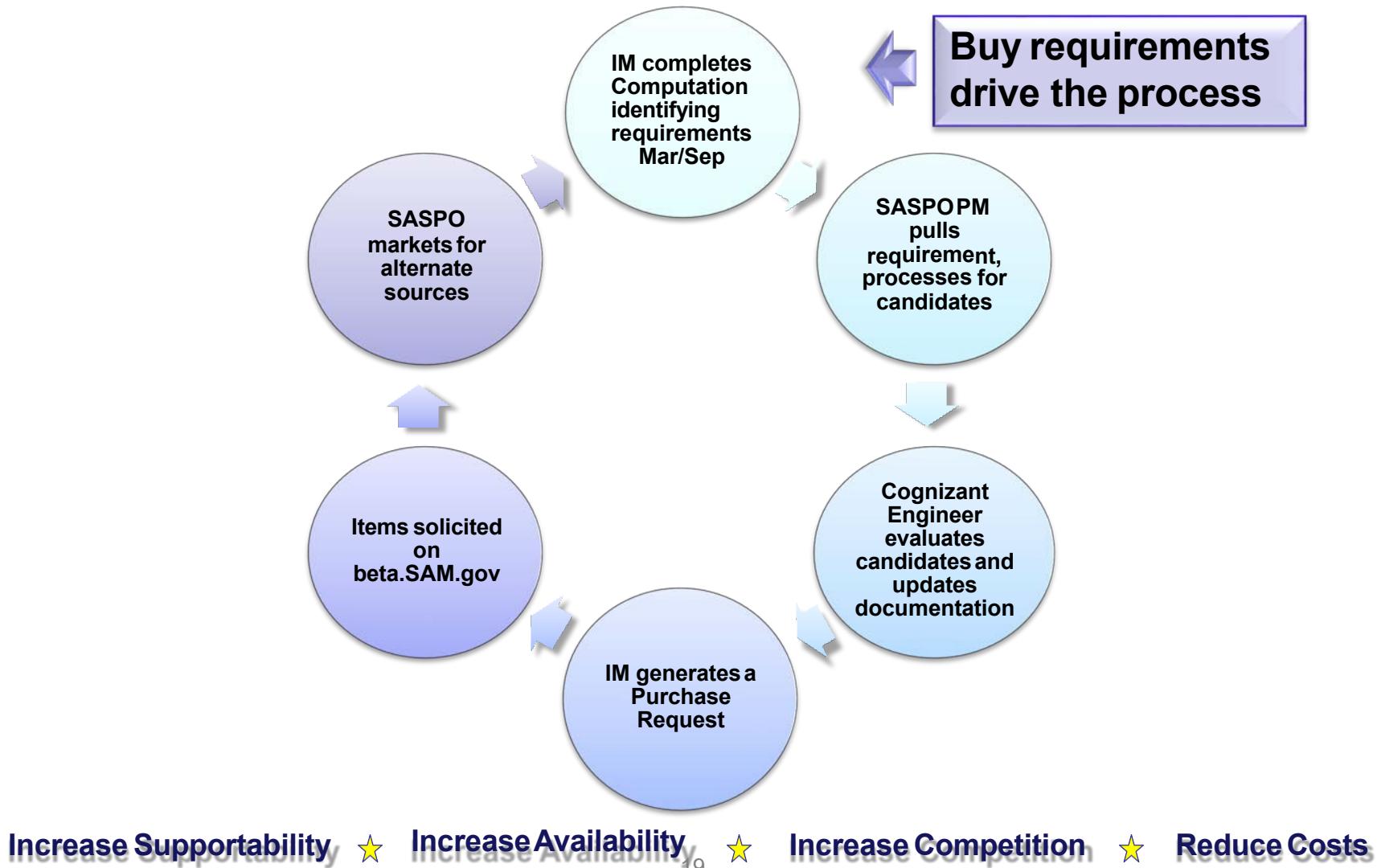
Increase Competition



Reduce Costs



Candidate Determination Process





Commercially-Used Parts with AF Approved Source(s) of Repair



- **Parts with at least one AF approved source of repair**
 - **Solicitations advertised and procured through www.beta.SAM.gov.**
 - **Forecasts published twice per year from the Fall and Spring AF Requirements Computation Cycle to www.beta.SAM.gov.**
- **Solicitation identifies**
 - **AF Approved manufacturing (usually OEM) and repair sources.**
 - **Parameters for disqualification of parts.**
 - **Involved in an accident, submerged in water, exposed to volcanic ash, etc.**



Commercially-Used Parts with No AF Approved Source(s) of Repair



- Parts with **NO** AF approved source(s) of repair - Method 1
 - Advertised through Requests For Information (RFI) or Sources Sought Synopsis at www.beta.SAM.gov
 - Looking for companies to submit repair Source Approval Request (SAR) packages
 - Companies approved and qualified via the SAR process will be listed as an AF Approved Source of Repair
 - AF approved Source(s) of Repair will be included in the solicitations on beta.SAM.gov for future commercially-used overhauled requirements



Commercially-Used Parts with No AF Approved Source(s) of Repair



- Parts with **NO** AF approved source(s) of repair Method 2
 - Companies approved and qualified via the FAA Part 145 House process
 - Non-CSI items with out a valid AF approved repair source
 - PMA parts currently not accepted
 - Supplier must be AS9110, AS9120, and ISO 9001 or AS9100 certified
 - Certified to buy off 8130-3 “Authorized Release Certificate”
 - Disqualifiers – Volcanic ash, radiation, or submerged



AF Commercially-Used Overhauled Program



- If you have the right repair capabilities the AF would like you to submit repair SARs
 - Request Qualification Requirements (QR) from the AFSC Small Business Office:
<http://www.tinker.af.mil.sbo.asp> or for Tinker items you can visit the SASPO website.
 - Include the NSN in the Subject Line of the email.
 - Determine if you have the ability to repair the item.
 - Determine if the AF repair fits your business case.
 - Build a SAR IAW the QR and AFMCI 23-113.



Commercially Used Overhauled List

- Example



F108

With Air Force-Approved Source(s) of Repair

	FSC	NSN	Noun	CSI	FY18 QTY	FY18 VALUE	FY19 QTY	FY19 VALUE	FY20 QTY	FY20 VALUE	FY18-FY20 BuyValue
1	2840	011892638	VANE ASSEM		91	11,820,900	87	11,301,300	84	10,911,600	\$34,033,800
2	2840	011873200	VANE ASSEM		70	10,598,000	74	10,335,600	69	10,446,600	\$32,248,200
3	2840	013443232	LINER,OUTE		38	7,710,000	40	9,912,100	50	10,145,000	\$27,797,300
4	2840	011878262	VANE ASSEM		81	7,358,400	72	7,438,880	80	7,267,200	\$22,074,120
5	2840	012000003	SUPPORT,TU		21	6,654,800	28	8,870,400	27	8,553,600	\$24,076,800
6	2840	012400005	SUPPORT,TU	Y	98	6,074,040	62	3,842,760	55	3,408,900	\$13,325,700
7	2840	014700027	STEEL CASE	Y	14	5,458,320	45	17,544,600	27	10,526,760	\$33,529,680
8	2840	014651987	VANE ASSEM		54	4,497,120	52	4,330,560	53	4,413,840	\$13,241,520

F108

No Air Force-Approved Source(s) of Repair

	FSC	NSN	Noun	CSI	FY18 QTY	FY18 VALUE	FY19 QTY	FY19 VALUE	FY20 QTY	FY20 VALUE	FY18-FY20 BuyValue
1	2840	014558002	COMBUSTION	Y	39	4,001,400	39	4,001,400	37	3,796,200	\$11,799,000
2	2840	014813365	SHROUD,COM		5	1,453,200	7	2,034,480	8	2,325,120	\$5,812,800
3	2840	014593039	SUPPORT,TU	Y	15	617,021	21	863,830	22	904,965	\$2,385,816
4	2840	011469378	SEAL,AIR,A	Y	16	498,432	9	280,368	6	186,912	\$965,712
5	2915	015133409	HOUSING,FU	Y	21	324,450	46	108,150	5	77,250	\$509,850



Additional Opportunities

- **Expanding to additional engines**
 - F108 = CFM56-2B***
 - TF33 = JT3D-7** DERs considered on a case by case basis.
 - TF34 = CF34
 - J85 = CJ610
 - T56 = T501-D
 - In order to be successful we need visibility of commercial availability
 - Life Limited Parts (LLPs) currently F108 ONLY
 - Other non-propulsion items that you may bring to our attention, your input is valuable



Contact Information

▪ AFSC Small Business Office

- Website: <http://www.tinker.af.mil/sbo.asp>
- Email: afsc.sb.workflow@tinker.af.mil
- Address: 3001 Staff Drive Suite 1AG 85A
Tinker AFB, Oklahoma
73145-3009

▪ SASPO

- Website: <http://www.tinker.af.mil/Home/429SCMSSASPO.aspx/>
- Email: 429scms.workflow.saspo@us.af.mil
- Address: 3001 Staff Drive Suite 2AC4 94B
Tinker AFB, Oklahoma
73145-3009



Questions





448th Supply Chain Management Wing



Reverse Engineering, Repair Development and Additive Manufacturing Program

March 2021



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PURPOSE

- **Objective:** Reduce Air Force supply chain costs/risks through increased competitive sourcing strategies.
 - Focus on creating competition to improve affordability and supportability
- **Plan:** Implement Wing Approved approach to the identification and management processes of Cost Effective Readiness (CER) engineering projects.
- **Projected results:** Strategic identification, prioritization and tracking of engineering project candidates and capability to report actual Return on Investment (ROI) results.



448 SCMW RE/RD/AM Plan

- 448 SCMW is investing in our Supply Chain
 - Acquire Data
 - Increase Competition
- Able to use Working Capital Funds to create competition
 - CSAG-S (AF Managed Items)
 - GSD (DLA Managed Items)
- Project Types
 - Reliability, Accessibility, Maintainability (RAM) - Projects
 - Mission Critical Degradation – Expected/Projected (MCD-E/P) - Projects
- Enterprise Level (Robins, Hill, Tinker); Supporting the Supply Chain and System Program Offices (SPOs)



WHAT WE ARE LOOKING FOR?

- Partner to produce a prototype
- Provide a full Tech Data Package (TDP)
- Maintaining the same Form/Fit/Function
- Reduce risk/cost/lead time
- Resolve obsolescence
- Cooperative partnership
- Open communications
- Cost effective readiness



EXPECTATIONS



Interested Companies:

- Work with SASPO Program Manager and Engineer to identify the requirements.
 - Test and Qualification
 - Tooling
 - Specifications
- Request the Engineering Data List (EDL) and/or Repair Data List (RDL) from our office.
- Procure all available data from the Public Sales Office.
- Submit a no-cost white paper stating interest with estimated costs and schedule.



WHITEPAPER GUIDELINES

*****This is for items not going through the OTA and the template is published to our SASPO site*****

- Company Information
 - Cage Code
 - Capabilities
 - Facilities
 - Experience
- Background/Problem Statement
 - Nomenclature, NSN(s) and Part Number(s)
 - Equipment List (if applicable)
 - Type
 - RE, RD, AM or Manf.
 - Identify Problem/Problem Statement
- Solution
- Deliverables
- Rough Order Magnitude (ROM)
- Schedule
- Conclusion
- Due 60 Days from RFI

******For White Paper guidelines for the OTA please contact Randy Harris and/or Myron Knight******



CONTRACTING VEHICLES



- OTA (Other Transaction Authority)
 - Contract Awarded September 2019
 - SOSSEC (System of Systems Consortium)
 - \$99M Ceiling Million over five years
 - Must be a member
 - <https://sossecinc.com/sossec-home>
 - One-third Cost Sharing may apply to Traditional Vendors



FUTURE OPPORTUNITIES

- As this program grows it will experience changes
- Post Sources Sought Synopses (SSS) and/or Requests For Information (RFIs) on beta.SAM.gov.
- Industry Days advertised on beta.SAM.gov and SASPO Website
 - Robins AFB – March
 - Tinker AFB - August
 - Hill AFB – December
- Open for suggestions or white papers on candidates or other items



Questions

The logo is a shield-shaped emblem. The top half of the shield is light purple with a yellow border. Inside this border are four white arrows pointing upwards. The bottom half of the shield is yellow with a white border. Inside this border is a stylized globe with green continents and blue oceans. The words "AF SUSTAINMENT CENTER" are written in a circular path around the bottom of the shield.

Air Force Sustainment Center

Small Business Brief



Randy W. Miller
AFSC/SB-R
26 March 2021



Classification



The classification of the brief is unclassified



Purpose



***Conducting Outreach to Inspire Small Business Growth to
Support Air Force Readiness***



Overview



- Message to Small Businesses
- DoD Spare Parts Breakout Program
- Source Approval Definitions
- Replenishment Parts Purchase or Borrow Program

40

SB: Small Business

UNCLASSIFIED

Supplying Warfighter Dominance



Small Businesses

- Be ready for the opportunity
 - Showcase your capabilities
 - Keep your dynamic small business search profile current
 - Do your homework...who buys the produce/service you sell?
 - Federal Procurement Data Systems – Next Generation (<https://www.fpd.gov>)
 - www.USASpending.gov
 - Federal business opportunities are found on www.beta.sam
 - Utilize your local PTAC offices (Free Resource)
 - Establish Filters on Beta-Sam to find sources sought; request for information; industry day events; request for proposals, then RESPOND
 - Suggested filter: Use ZIP Code for the base you are researching
 - Robins AFB: 31098, Tinker AFB: 73145, Hill AFB: 84056
 - Once on contract...Perform by delivering a quality product/service on-time

PTAC: Procurement Technical Assistance Center;



DoD Spare Parts Breakout Program

- **Acquisition Method Code (AMC)**: Single digit **numeric** code to describe to the contracting officer/other government personnel the results of a technical review of a part and its suitability for breakout
- **Acquisition Method Suffix Code (AMSC)**: Single digit **alpha** code assigned by a DOD activity which provides the contracting officer/other government personnel with engineering, manufacturing, and technical information



Breakout Codes

AMC	Description
1	Suitable for competitive acquisition for the second or subsequent time
2	Suitable for competitive acquisition for the first time
3	Acquire for the second or subsequent time from the actual manufacturer
4	Acquire for the first time from the actual manufacturer
5	Acquire from the sole source contractor which is not the actual manufacturer



Breakout Codes (cont.)

AMSC	Description
A	The Government's right to use the data is questionable
B	Must be bought from source(s) specified on a source control drawing
C	Part requires engineering source approval by the design control activity in order to maintain the quality of the part
D	Data is not physically available
G	The Government has the rights to the data package and it is complete
H	The Government does not have sufficient, accurate, or legible data
K	Part must be produced ⁴⁴ from class 1 castings
L	Annual buy value falls below the screening threshold for competitive buys



AMC/AMSC Targets



- **Restricted**
 - “C” codes Best Candidates for Source Approval Request (SAR) packages
- **Require Engineering Approval**
- **Data usually Available**
- **Specification Qualification Requirement Criteria Applies**



Definitions

- **Critical Application Items (CAI)**
 - An item essential to weapon system performance or operation, or the preservation of life or safety of operating personnel, as determined by the military services
- **Critical Safety Item (CSI)**
 - A part, assembly, installation equipment, launch equipment, recovery equipment, or support equipment for an aircraft or aviation weapon system if the part, assembly, or equipment contains a characteristic any failure, malfunction, or absence of which could cause:
 - A catastrophic or critical failure resulting in the loss of or serious damage to the aircraft or weapon system
 - An unacceptable risk of personal injury or loss of life; or
 - An uncommand engine shutdown that jeopardizes safety



Definitions (cont.)

- **Source Approval Request (SAR)**
 - A technical data package submitted by a contractor which includes all data/documentation/information required for a competent manufacture/repair source to manufacture or repair an item, including a Critical Safety Item, to a level of quality that is equal or better than an OEM part
- **Source Development (SD)**
 - Function assigned within the Small Business Office at Air Logistics Complexes to increase competition. The Source Development Specialist manages the SD function of the SB program.



Engineering Support Activity (ESA)



- Assign/Documents Item-Criticality
 - Critical Safety Item
 - Critical Application
 - Non-Critical
- Determine Need/Establish/Maintain Record of Qualification Requirements (QRs)
- ESA Responsible for the Beta-Sam Announcement of QRs
- Reviews/Evaluates SAR packages



Source Development Specialist

- Acts as the primary liaison with industry on all SARs, located in the Small Business Office
- Performs a non-technical review of the SAR package
- Notifies Contractor when approved/disapproved
- Notifies Contractor when removed pursuant to FAR 9-207(a)



Bailment Authority

- **AFI 23-119_AFGM 2020-01 (29 April 2020)**
 - Provides procedures & responsibilities for bailments
 - Incorporates guidance for managing and accounting for GFP
 - Lease per **Replenishment Parts Purchase or Borrow Program (RPPOB)**
10 U.S.C 2320(d) – An agreement to provide replenishment parts on temporary basis to business concerns for design replication / modification. Referred to in **DODD 4140.57** as “Bailment”
 - https://static.e-publishing.af.mil/production/1/af_a4/publication/afi23-119/afi23-119.pdf
- **DOD Manual 4140.01 Vol 9**
 - Defines Domestic Business Concern - A business concern having its principal place of business in the United States or U.S. territories and possessions.⁵⁰

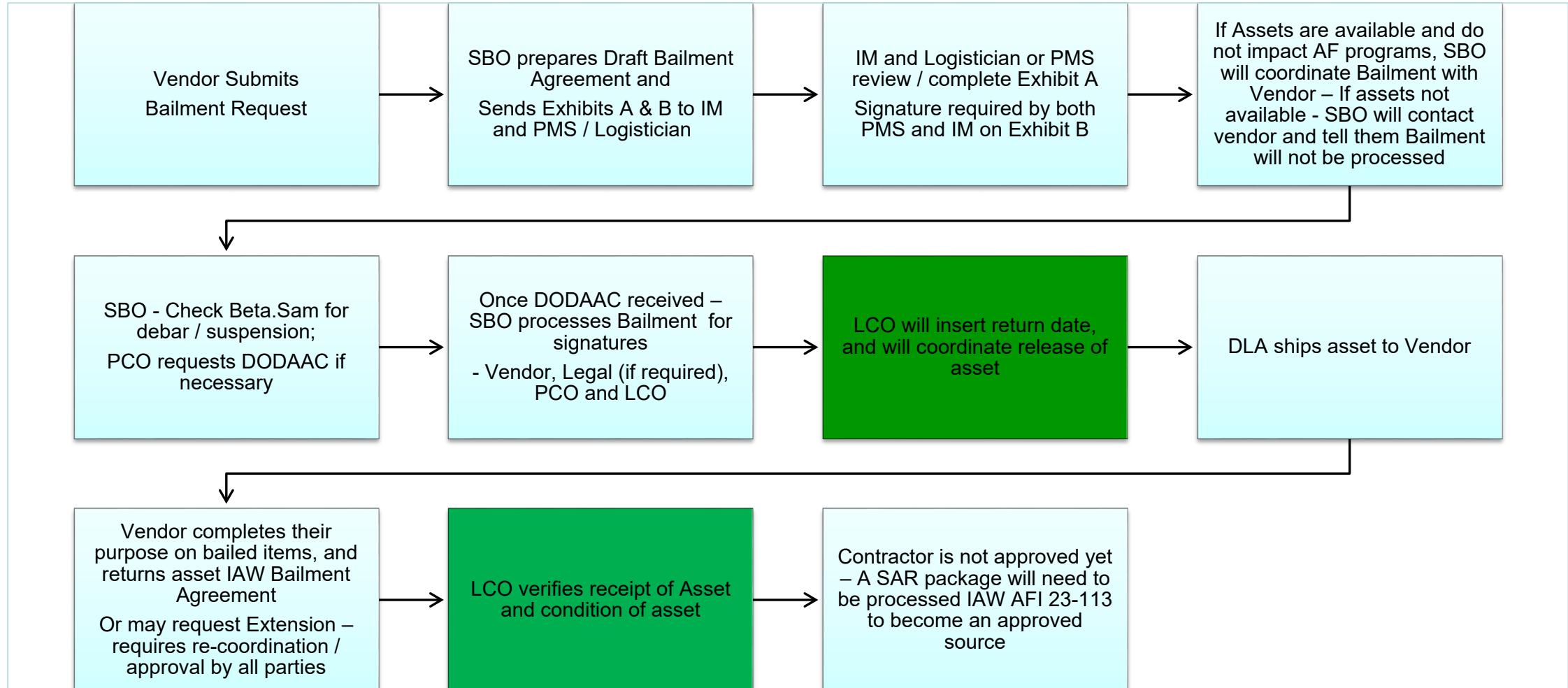


Bailment Purpose & Benefits

- **Bailment (RPPOB) allows domestic businesses to borrow or purchase AF managed replenishment parts for design replication or modification, with intent of becoming a US Government approved source**
- **Benefits**
 - Develop new producers for items which are Sole Source or which have Limited Source
 - Assist contractors in completing Source Demonstration phase of qualification process
 - Reduce replenishment parts cost through enhanced competition
 - Potential for unlimited rights / TDP



Bailment Agreement PROCESS Flow





Bailment Process – Vendor Request

- **Vendor Submits Bailment Request to SBO on Company Letterhead**

- Company Name, Address, Cage, DUNS, and DODAAC (if they already have one)
- POC – Name, Phone, email and title
- Business Type - SB, WOSB, EDWOSB, VOSB, SDBOSB, SDB, 8(a) or LB
- Primary Type Business and Years in Business
- Identify as a “domestic business concern”
- NSN, P/N, Noun and Quantity
- Length of Loan (365 days maximum)
- Purpose for Bailment Request – To include Repair or Manufacturing source qualification
- Request must be signed
- Send Bailment Requests for Robins AFB to: Randy.Miller.53@us.af.mil; Tinker AFB: Stacy.Cochran@us.af.mil; Hill AFB: Alysha.Calwell@us.af.mi.



Process – Bailment Agreement and

Exhibit A



- SBO prepares Bailment Agreement
- Exhibit A – SBO sends to IM, F Logistician for review & comp
 - Property Identification
 - Condition of Property
 - National Security Considerations
 - Purpose

A. Property Identification:

Item	One	Two	Three
Quantity			
NSN			
Noun			
Manufacturer			
Part Number	#####		
ERRC	T		
Condition*	F*		
Latest Acquisition	\$		
Unit Cost			
Total Cost	\$		
Classification	Unclassified		

This area must be completed by PM, IM or Logistician

If more than 1 condition, must identify and describe all

***Condition:** F- UNSERVICEABLE (Reparable). Economically repairable material which requires repair, Overhaul, or reconditioning, includes repairable items which are radioactively contaminated.

B. National Security Considerations or Limitations for all NSNs listed above(List if any or type None).

C. Purpose: This loan is provided under the authority of the Replenishment Parts Purchase or Borrow (RPPOB) program. The purpose of this agreement is to assist the contractor in becoming a US Government source for "Repair" or "Manufacture" of the NSNs above (Provided by PM or IM or loaaie



Bailment Process – Exhibit B

- **Exhibit B – This is support documentation for Govt internal use**
 - **Sec A - Item Manager Sample parts Determination – IM signature required**
 - **Sec B - PMS or Logistician Statement of Impact on USAF Programming – PMS / Logistics signature required**

A. Item Manager's Sample Parts Determination.

I have reviewed the request to obtain the sample parts in Exhibit A (the Property) on lease and I have determined that all the following criteria have been met, as required by DoDM 4140.01, Vol 9. (NOTE – approval for lease of engineering critical or unstable parts, as defined in DoDM 4140.01, Vol 9, must be obtained from Air Force Component with technical cognizance of the part).

1. The part has limited or reduced sources of supply due to the unavailability in the U.S. of the Technical Data Package (TDP), an incomplete TDP, or a TDP that contains limited rights data; and
2. The annual buy value of the part exceeds the dollar value as defined in FAR Part 13 and SAF/AQC, also:
3. Lease of the part will not adversely affect or deplete required supply quantities; and
4. Potential life cycle cost saving exceed the cost of making the part available; and
5. The item is not classified and will not disclose military or space applications technology as a result of developing the TDP.
6. There is a high probability of subsequent acquisition.
7. The property is a part when the technical data, once developed, would not disclose critical technology with military or space applications, as determined in accordance with DoDD 5230.25, *Withholding of Unclassified technical data from Public Disclosure*.

B. System Program Manager's/Logistic Officer's Statement (Choose Proper Statement)

1. This lease will have no effect on USAF programming requirements and system programs.
2. This lease will have the following effect(s) on USAF programming requirements and systems programs (include national security if applicable) (attach comments on separate page).



Bailment Process (cont.)

- If Assets are not available per IM determination, SBO will advise the Vendor that assets are not available for Bailment, and process will end
- If Assets are available, continue with Bailment process below
 - SBO – Review Beta.Sam to ensure vendor is not debarred, suspended, or otherwise prohibited from Govt procurements
 - DODAAC request by PCO <https://dodaac.wpafb.af.mil/> Send e-mail to HQ Bailment DODAAC POC, and include Vendor Bailment request, Draft Bailment Agreement, and Exhibits A & B
 - Once DODAAC is received, SBO will insert DODAAC in Bailment documents, and coordinate all signatures
 - Vendor
 - PCO
 - Legal (as determined necessary by PCO and legal)⁵⁶
 - LCO
 - After all signatures, SBO will send copy of signed Bailment Agreement and Exhibit A sent to those listed above, and IM, PMS, Logistician



Bailment Process (cont.)



- LCO will input return date into Bailment Agreement before signing
- LCO will coordinate release of assets
- LCO is responsible for executing, managing and maintaining oversight of all GFP loans.
- LCO will ensure SBO and PCO are aware when asset is coming due



Important Notes on Bailments

- Govt retains title to material although borrower has possession
- Govt can revoke Bailment at any time
- Govt is not obligated for any future requirements
- No proprietary or restricted rights data will be provided to vendor
- Consideration - No charge to vendor for Bailment - it is a Loan (however, see Liability)
- Bailment property must be returned in same condition as received
- Liability
 - Vendor pays for delivery and return of asset
 - Vendor assumes full liability for damage, loss etc.
 - Vendor cannot destroy or irreversibly disassemble parts – compensation will be full value of property if it is damaged / disassembled
- Vendor cannot transfer to a 3rd party



Questions



Questions?



Integrity ★ Service ★ Excellence

Supply Chain Consortium Initiative

March 2021

Supply Chain Consortium Initiative Team



Supply Chain Consortium
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Overview



- **Part I: What is an OTA?**
- **Part II: What is SCCI?**
- **Part III: SCCI OTA Process**



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Overview



- **Part I: What is an OTA?**
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OTA Overview – History and Types



OTA History

- **1958:** Nasa granted first authority to use OTs
- **1989:** DARPA granted OTs for Research
- **1994:** DARPA granted OTs for Prototype Projects
- **1995 – 2014:** Authority granted to 11 other Agencies
- **2016:** OTs permanently codified in 10 USC 2371b
- **2017:** Public Law 115-91 §864 expanded authority for Other Transactions for Prototype Projects (10 USC 2371b)

OTA Types

- **Other Transactions for Prototype Projects (10 USC 2371b)**
 - Provide a direct benefit to the DoD
 - Considered Acquisition Instruments
- **Other Transactions for Research (10 USC 2371)**
 - Provide stimulation or support of research
 - Technology Investment Agreements (TIAs)
- **Procurement for Experimental Purposes (10 USC 2373)**
 - Experimentation and test purposes
 - FAR applies when purchases are made in quantity

SCCI





OTA Overview – Prototype Project



•What is a Prototype Project:

Definition: a prototype project addresses a proof of concept, model, reverse engineering to address obsolescence, pilot, novel application of commercial technologies for defense purposes, agile development activity, creation, design, development, demonstration of technical or operational utility, or combinations of the foregoing. A process, including a business process, may be the subject of a prototype project. (*2018 DoD OTA Guide V1.0*)

Scope: Must be “***directly relevant*** to enhancing the mission effectiveness of military personnel and the supporting platforms, systems, components, or materials proposed to be acquired or developed by the Department of Defense, or to improvement of platforms, systems, components, or materials in use by the armed forces.” (*10 USC 2371b(a))*.





OTA Overview – What is an Other Transaction?



- **What is an Other Transaction:**

- ✓ A legally binding agreement **other than** a Procurement Contract, Grant, or Cooperative Agreement
- ✓ OTA Authority is delegated from SAF/AQ to the MAJCOMs and then to the individual organization
- ✓ OT Benefits
 - ✓ Flexible Terms and Conditions that can be Tailored
 - ✓ Reduce Impediments for Nontraditional Contractors
 - ✓ Access to New and Emerging Technology

- **Defined by what it is NOT:**

- ✗ Not a **Procurement Contract**
 - ✗ Generally not subject to Federal Laws and Regulations
 - ✗ Federal Acquisition Regulations (FAR) does not apply.
 - ✗ FAR Supplements do not apply i.e. DFARs, AFFARs
- ✗ Not a **Grant, or Cooperative Agreement**
 - ✗ DoD Grants and Agreements Regulations (DoDGARS) does not apply.





OTA Overview – Applicable Laws and Regulations



- **What DOES apply:**

- ✓ Fiscal Law
 - ✓ Agency Fiscal Regulations Apply – Consult Legal and Comptroller
- ✓ Anti-Deficiency Act (ADA)
- ✓ Property Law
- ✓ Procurement Integrity Act
- ✓ Award to a Legal Entity:
 - ✓ Single Company, Joint Venture, Partnership, Consortium, or a Prime Contractor with Subcontract relationships
- ✓ Price Reasonableness
 - ✓ Exhaust all other means before requesting cost information

- **What DOES NOT apply?**

- ✗ Truth In Negotiations Act (TINA)
- ✗ Cost Accounting Standards (CAS)
- ✗ Competition in Contracting Act (CICA)
- ✗ Bayh-Dole Act
- ✗ Contract Disputes Act (CDA)
- ✗ GAO Protests
 - Agency-Level Protests and U.S. Court of Federal Claims are applicable

Use of OT authority does not eliminate the applicability of all Laws and Regulations. Consult legal counsel whenever an OT is used!





OTA Overview – Appropriate Use of Authority



Per 10 USC 2371b(d), an OTA may be used when at least one of the following apply:

- ✓ At least one **Nontraditional Defense Contractor or nonprofit research institute** participating to a significant extent in the prototype project, or
- ✓ All Significant Participants in the transaction other than the Federal Government are **Small Businesses** (including those participating in a program described under section 9 of the Small Business Act (15 USC 638) or **Nontraditional Defense Contractors**, or
- ✓ A **Cost Share** of at least 1/3 of the total cost of the prototype project is to be paid out of funds provided by sources other than the Federal Government, or
- ✓ The **Senior Procurement Executive** for the agency determines in writing that exceptional circumstances justify the use of a transaction.





OTA Overview – Nontraditional Involvement



What is a Nontraditional Defense Contractor:

- An entity that is not currently performing and has not performed, for at least the one-year period preceding the solicitation, any contract or subcontract for DoD that is subject to full coverage under the Cost Accounting Standards (10 U.S.C. §2302(9)).

What is Significant Participation (*Key Participant*):

- ✓ Supplying New Key Technology or products
- ✓ Accomplishing a Significant Amount of the effort
- ✓ Causing a Material Reduction in the cost or schedule or increase in performance



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OTA Overview – Cost Sharing



What is a Cost Share:

- At least one third of the total cost of the prototype project is to be paid out of funds provided by the parties to the transaction other than the Federal Government (10 U.S.C. 2371b(d)(1)(C) Appendix 1, and Section C1.5.1 of the DoD OT guide).
- Cost sharing should generally consist of labor, materials, equipment, and facilities costs (including allocable indirect costs)

Cost Sharing is only Applicable when:

- Neither a **Nontraditional Defense Contractor** nor a **Small Business Concern** is participating to a significant extent in the prototype project



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OTA Overview – Maximizing Competition



- Competitive procedure **shall** be used “**to the maximum extent practicable.**” (10 USC 2371b(b))
- Characteristics of competitive OT procedures:
 - Structured in a **common sense** manner
 - Consistent with industry practice for that market segment
 - **Fair, transparent, and ethical**





OTA Overview – Prototype Transition



Sole source follow-on production contract(s) or transaction(s) may be awarded when

- The acquisition approach for the prototype project **addressed the strategy for follow-on activities** and the following two criterion are satisfied:
 - ✓ **Competitive procedures were used** for the selection of parties for participation in the transaction; and
 - ✓ The participants in the transaction **successfully completed the prototype project** provided for in the transaction.

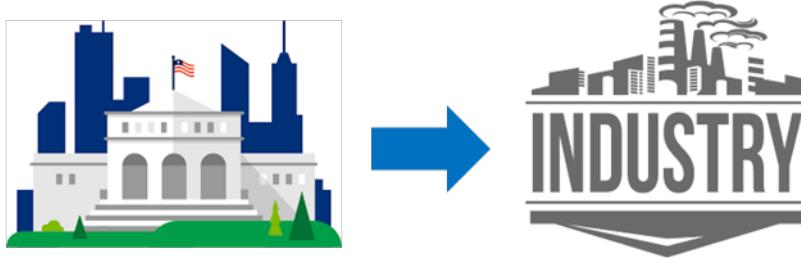




OTA Overview – Common OTA Models



Direct OTA



- Direct Award
- Custom Terms
- Direct Payment
- May Require and/or Consume More USG Resources to Administer/Manage
- Possible increased lead times
- **Solicitation (i.e. BAA or program specific)**

Consortium Model



- Projects Awarded to Consortium Manager
- Custom Terms & Flow-Downs
- Payment to Consortium
- Consortium Acts as Mentor
- Publicizes Projects to Consortia
- Administrative Fee



Supply Chain Consortium Initiative



Overview



- **Part I: What is an OTA?**
- **Part II: What is SCCI?**
- **Part III: SCCI OTA Process**



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SCCI Scope & Depth



...any topic generally consistent with the RDT&E of Air Force Supply Chain, may extend to address other systems, components, or materials and any integration therein...

Leading to prototype, modify, enhance, test, measure, document, and integrate next-generation, OSA for capabilities and tools that satisfy requirements for open-architecture systems.





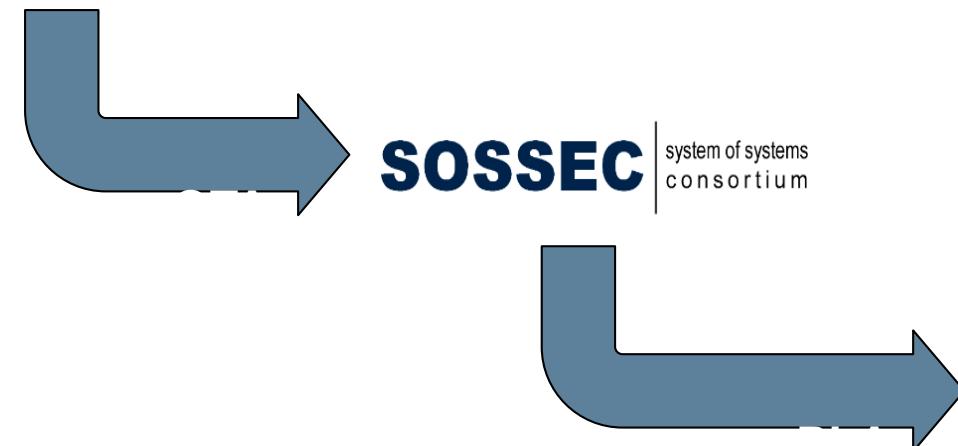
OTA + Consortium Model

- System of Systems (SOSSEC) Consortium is the SCCI Awardee
 - ✓ **743+ Member Companies**
 - ✓ Broad spectrum of Defense Contractors, Nontraditional Defense Contractors, Academia, and Non-profit Organizations
 - ✓ Breadth of Capabilities, Expertise, and Technology
 - ✓ Low barrier-to-entry for new Consortium Members
- SOSSEC, Inc. acts as the OT Lead Organization
 - ✓ **Single Point of Contact for Contracting/Administration**
 - ✓ Quality Control on Proposals/Reports/Invoicing
 - ✓ Provides price reasonableness analysis on proposals
 - ✓ Receives Administration Fee
 - ✓ Ensures Deliverables are Provided
- **Enables the Nontraditional Contractor to focus on Technical Performance not Business/Contracting Issues.**





OTA + Consortium Model



Key Information	
Contract PoP	5yr (1 Oct '19-30 Sep '24)
Accumulative Ceiling	\$99M
Fee	3.75%
Incentives	
Negotiated on each Individual Project Agreement	Up to 1%





Project Level Agreements

- Prototype Projects are Awarded to SOSSEC
 - Firm Fixed Price Prototype Projects
 - Milestone payments track technical progress
 - OT is Amended to add the Project, Milestones, and Funding
- SOSSEC then enters into a Project Level Agreements with the Consortium Member (Project-Level Performer)
 - Not a Prime-Subcontractor Relationship
 - Project Level Performer is responsible for technical work however, SOSSEC responsible for delivery
 - Government has direct insight into the technical performance
 - SOSSEC acts a Mentor to the Performer and Intermediary for the Government





Overview



- **Part I: What is an OTA?**
- **Part II: What is SCCI?**
- **Part III: SCCI OTA Process**



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SCCI Solicitation Methods

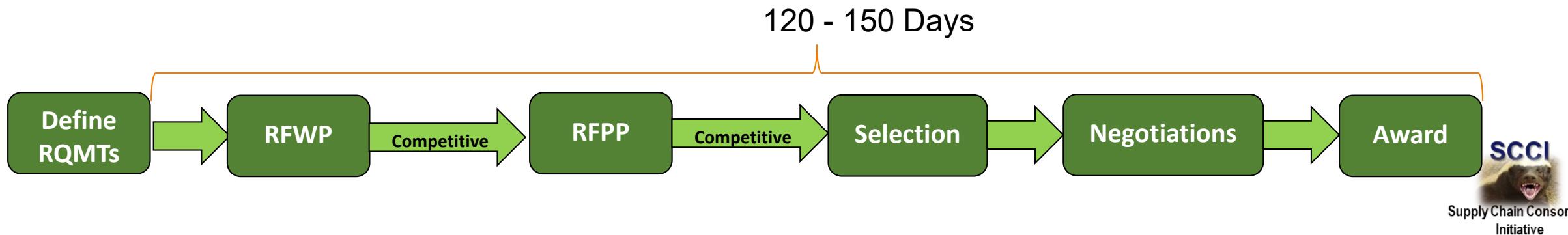
Two Solicitation Approaches:

1) Request for **Whitepapers (RFWP)**

RFPP → Award = **One-step Process**
RFWP → RFPP → Award = **Two-step Process**

2) Request for **Prototype Proposals (RFPP)**

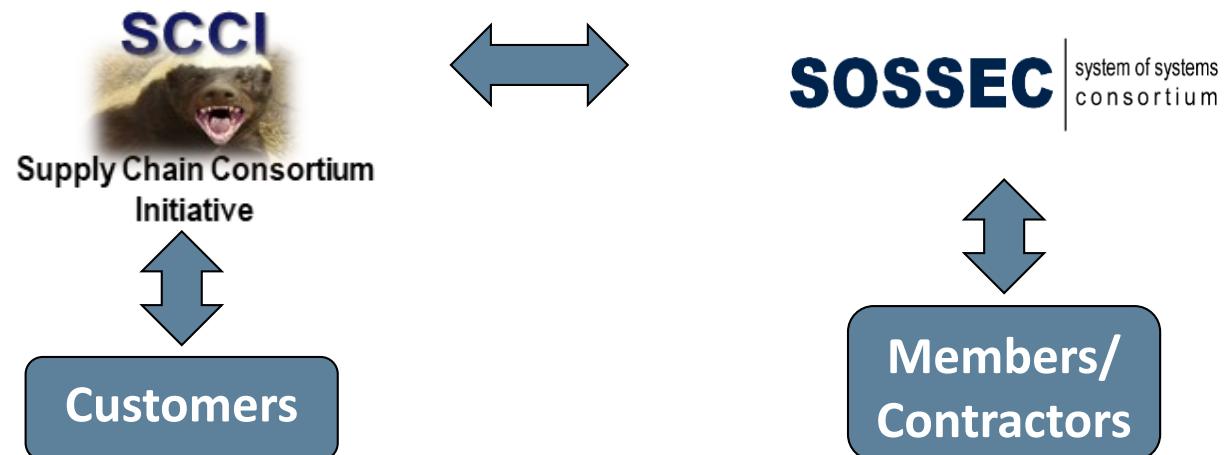
- SCCI works with the respective Program Offices to determine the best acquisition approach for each individual prototype project
- Prototype projects are solicited **competitively** with all members of the SOSSEC consortium eligible for a project award



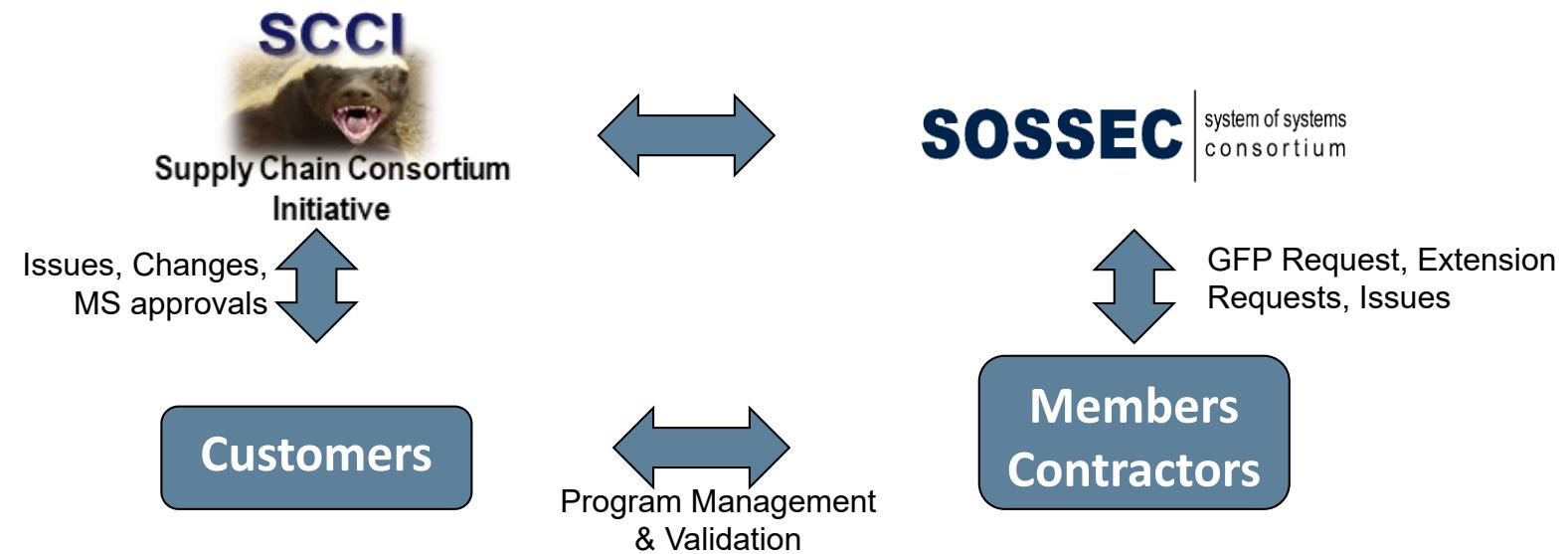


Communication ROEs

Pre-Award



Post-Award





Other Items



- All GFP requests go through SCCI team
 - (refer to guide for more information)
- All Invoices processed through SCCI team
- All schedule changes processed through SCCI team
- During Pre-Award Phase all contractor communications are done through SOSSEC
- All negotiations handled by SCCI team



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Points of Contact



Supply Chain Consortium Program Manager

Randy Harris
429th GUMD/SASPO
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Supply Chain Consortium Program Manager

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Supply Chain Consortium Agreements Officer

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AF Life Cycle Management Center



DISTRIBUTION A Approved for Public Release;
Distribution Unlimited. Destruction: 100% Shred

Source Approval Request (SAR) and Qualification Requirements Industry Training

SASPO Industry Day

SAR Team
AFLCMC/LPE (Propulsion Engineering)
Email: AFLCMC.LPE.SourceEvalTeam@us.af.mil

Providing the Warfighter's Edge



BLUF

AFLCMC... Providing the Warfighter's Edge

- USAF *WANTS to qualify YOU* to manufacture and repair our parts !!!
 - Increases competition and reduces sustainment costs
 - Minimize qualification requirements while maintaining OSS&E (Operational Safety Suitability and Effectiveness)
- USAF Seeking Focused SARs
 - If we don't need the parts, you won't get a contract!



Overview

AFLCMC... Providing the Warfighter's Edge

- MQR/RQR
- SAR Categories
- Company Profiles
- SAR Elements
- Self-Assessment Checklist
- Significant Industrial Process List
- Cover Letter
- Repair Capability/Source of Supply Matrix for Modules & Assemblies
- Technical Data Rights Statement
- Similar Item Comparison
- Re-substantiation/Process Change Request
- Operational Changes (for approved sources)
- Finding Tech Data
- Document Submittal



Propulsion Standard QRs

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Find the QRs at the SASPO website:

- <http://www.tinker.af.mil/Home/429SCMS-SASPO/>

- MQR-PSD-1
 - Applies to CAT 1 & 2
- RQR-PSD-1
 - Applies to CAT 1, 2, 4, & 5

The image displays three separate Qualification Requirement (QR) documents arranged horizontally. Each document is a scanned page with a white background and black text, framed by a thin black border.

- RQR-PSD-1:** This document is titled "REPAIR QUALIFICATION REQUIREMENTS (RQR) FOR PROPULSION CRITICAL SAFETY (CSI) AND CRITICAL APPLICATION ITEMS (CAI) WITH SOURCE DEMONSTRATION". It includes sections for "WARNING", "APPLICATION", and "SCOPE". The text specifies that it applies to items with an ERRC code of C, P, S, T or U and an ASMC code of C, D, K, M, N, Q, R, S, V and Z. It also mentions that it does not apply to items with an ASMC code of Q, A, B, H, L, U and Y.
- RQR-PSD-2:** This document is titled "REPAIR QUALIFICATION REQUIREMENTS (RQR) FOR PROPULSION CRITICAL SAFETY (CSI) AND CRITICAL APPLICATION ITEMS (CAI)". It includes sections for "WARNING", "APPLICATION", and "SCOPE". The text specifies that it applies to items with an ERRC code of C, P, S, T or U and an ASMC code of C, D, K, M, N, Q, R, S, V and Z. It also mentions that it does not apply to items with an ASMC code of Q, A, B, H, L, U and Y.
- MQR-PSD-1:** This document is titled "MANUFACTURE QUALIFICATION REQUIREMENTS (MQR) FOR PROPULSION CRITICAL SAFETY ITEMS (CSI) & CRITICAL APPLICATION ITEMS (CAI)". It includes sections for "WARNING", "APPLICATION", and "SCOPE". The text specifies that it applies to items with an ASMC code of C, D, K, M, N, Q, R, S, V and Z. It also mentions that it does not apply to items with an ASMC code of Q, A, B, H, L, U and Y.

Comply with AFMCI 23-113, AFMCI 21-112, & SAM Handbooks



Source Approval Categories

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- **Category I**, Actual Item. - 8.1.1.1. This category covers PS who repair the exact subject item, using OEM technical data, for the prime contractor, OEM, DOD, civil agency, foreign government, or the civil sector under Federal Aviation Administration (FAA).
- **Category II**, Similar Item. - 8.1.2.1. This category covers PS who have not previously repaired the exact subject item, but have repaired other items similar in material, coatings, design features, industrial processes, etc. for the prime contractor, OEM, DOD, civil agency, foreign government, or the civil sector under FAA. Multiple similar items may be used to demonstrate relevant experience. Similarity is not limited to aerospace applications.



Source Approval Categories

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For Repair Only (RQR-PSD-1)

- **Category IV**, Pre-Developed Repair. - This category covers unsolicited SAR submittals by PSs who have a previously developed repair that has: been fully validated and verified, successfully performed on regular production parts, and those parts that have undergone the repair have had sufficient operational experience, including either AMT (Accelerated Mission Testing) or field operational use. This category will require all elements of a SAR Package and any additional information as determined by the ESA.
- **Category V**, Developing Repair. - This category covers the PSs who have a repair, or could develop a repair, that will satisfy the need of the USAF in accordance with an advertised requirement. PS approval of a Category V SAR may still require repair verification, validation, and testing prior to complete approval of PS as an approved source. This category will require all elements of a SAR Package and any additional information as determined by the ESA.



Company Profile Requirements and Format

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- Each Company Profile must include the required data
- The data requirements are defined by the QR elements
- The 1221 is used to evaluate the data elements

Company Profile Requirements	
ELEMENT 1. Company Brochure/Website	
ELEMENT 2. Quality Assurance Certificate (QAC)	
ELEMENT 3. Self-Assessment Checklist (SAC)	
ELEMENT 4. Quality Assurance System (QAS) Manual	
ELEMENT 5. Equipment List	
ELEMENT 6. DD Form 2345 or Export Control License	
ELEMENT 7. Quality History	
ELEMENT 8. Significant Industrial Process (SIP) Certifications	
ELEMENT 9. Sub-Tier Supplier Info.	1. List of all Sub-Tier Suppliers (STS)
	2. All STS Quality Assurance Certifications
	3. Any STS Significant Industrial Process Certifications



Company Profile Elements

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- **Element 1: Company Brochure/Website**
- **Element 2: Quality Assurance Certificate**
 - ISO 9001, AS9100, AS9110, or NATO-AQAP-2070
- **Element 3: Self-Assessment Checklist (see Appendix A)**
- **Element 4: Quality Assurance System (QAS) Manual**
- **Element 5: Equipment List**
- **Element 6: DD Form 2345 or Export Control License**
- **Element 7: Quality History**



Company Profile Elements

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- **Element 8: Significant Industrial Process Certification**
 - Methods of certification include, but are not limited to, NADCAP, OEM, DOD (Air Force, DCMA, Navy, or Army certification and/or audit), or other external audit
 - All methods will be reviewed by the ESA for process control and acceptability



Company Profile Elements

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- **Element 8: Significant Industrial Process Certification (cont.)**
 - **Example:**
 - **Signed Process Letter**
 - **Actual Certs (as identified)**

This document is to inform you that the item(s) listed above, manufactured by [REDACTED] were tested and in compliance with NADCAP/ASTME1417, Liquid Penetrant Test (LPT) inspection criteria which is required by your drawing. Our Quality Management System is certified to AS9100D and our LPT process references are below:

SAE AS9100D	Audit per certified Quality Management System
ASP-852-01	Control of Special Process
ASF-852-08	Okite Titration test Form
ASF-852-02	Fluorescent and Dye Penetrant Inspection Report
Production Router	Deval Lifecycle Support's Production Router
AMS2644	Inspection Material, Penetrant
QPL AMS2644	Qualified Products List, Inspection Material, Penetrant
ASTM E1135	Test Method for Comparing the Brightness of Fluorescent Penetrant

The Level III Manager or his designate will assign LPT to qualified technician only.

If you have any questions regarding LPT process, please contact us.

Warm regards,



Sr. VP of Engineering, NDT Level II Certified



Company Profile Elements

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- **Element 9: Sub-Tier Supplier Info.**
 - List of all Sub-Tier Suppliers (STS)
 - All STS Quality Assurance Certifications
 - Any STS Significant Industrial Process Certifications



SAR Data Requirements and Format

AFLCMC... Providing the Warfighter's Edge

- Each SAR must be accompanied with the required data
- The data requirements are defined by the QR elements
- The 815 is used to evaluate the data elements

Section	Element	Title
Subject Item Package	A	Cover Letter
	B	Subject Item Technical Data
	C	Proposed Production Documents
	D	Sub-Tier Supplier (STS) List
	E	Significant Industrial Processes (SIP)
	F	Calibrated Equipment List
	G	Technical Data Rights Certification Statement
	H	License Agreements
	I	Government Quality Assurance Compliance
Demonstration Package	J	Similarities/Differences Summary*
	K	Similar Item Technical Data*
	L	Demonstration Production Documents
	M	Purchase Orders and Shipping Documents



SAR Elements

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- **Element A: Cover Letter**
- **Element B: Subject Item Technical**
- **Element C: Proposed Production Documents**
- **Element D: Sub-Tier Supplier List** (Subject Item specific)
- **Element E: Significant Industrial Processes** (Subject Item specific)
- **Element F: Calibrated Equipment List**
- **Element G: Technical Data Rights Certification Statement**
 - Use newest copy in appendix E



SAR Elements

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- **Element H: Licensee Agreement**
- **Element I: Government Quality Assurance Compliance**
- **Element J: Similarities/Differences Summary** (N/A for Cat I SARs)
- **Element K: Similar Item Technical Data** (N/A for Cat I SARs)
- **Element L: Demonstration Production Documents**
- **Element M: Purchase Orders and Shipping Documents**

SAR Elements (Proposed Production Documents-Travelers)

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- Provide Actual Supplier's complete detailed step-by-step procedural account
 - Date, Name, and CAGE on top of the 1st Page
 - A Page Number and Unique Document Number on every page
 - For All Part Numbers
 - Proper processing sequence
 - Operation No., description, location, STSs, software data file name, etc.
 - Each operation must include a stamp block to indicate accomplishment
- Provide detailed proposed/actual op sheets for Traveler(s) process when required

SAR Elements (Proposed Production Documents-Inspection Method Sheets)

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- Provide Actual Supplier's complete detailed step-by-step procedural account
 - Date, Name, and CAGE on top of the 1st Page
 - A Page Number and Unique Document Number on every page
 - For All Part Numbers
 - Proper sequence necessary to inspect the subject item
 - Must include expected and actual dimensions and units
 - Pass/Fail dimensions are not acceptable, except when using Go-No-Go gauges
 - Go-No-Go gauges must be included in Element F
 - If a sampling plan is used, provide the sampling plan to be reviewed.
- Otherwise specify 100% inspection.



Self-Assessment Checklist

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- Fill out Self-Assessment Checklist found in Appendix A
- Must be signed by the Company President, Owner, or Plant Manager

Item No.	Review Item	References and Artifacts	Pass
1.	Production Engineering and Planning		
1.1.	Government furnished data		
1.1.1.	Are contractor's procedures adequate to verify currency of depot/Naval Air Systems Command (NAVAIR)/Army Aviation and Missile Command (AMCOM)/Air Force Material Command (AFMC) technical publications, Local Engineering Specifications (LES)/Local Process Specifications (LPS)/Engineering Change Proposals (ECP), Maintenance Engineering Orders (MEO), Manual Change Revisions (MCR), and Engineering Drawings		<input type="checkbox"/>
2.	Production Control		
2.1.	Delivered non-conforming CSIs		
2.1.1.	Is there a procedure for notification to the Administrative and Procuring Contract Officers (ACO & PCO) of any delivered non-conforming as soon as practicable, but no later than 72 hours		<input type="checkbox"/>

(This image shows a small part of the actual Appendix)



Significant Industrial Process List

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- Fill out Significant Industrial Process List found in Appendix B

#	SIGNIFICANT INDUSTRIAL PROCESSES	NADCAP	Performing CAGE:
1	Casting /Forging Processes	NA	
2	Other Forming Processes	NA	
3	Blending/Reworking	NA	
4	Heat Treating:	7102	
4a	Carburizing	7102	
4b	Nitriding	7102	
4c	Hot Isostatic Pressing	7102	
4d	Sintering	7102	
5	Brazing	7102/7110	

(This image shows a small part of the actual Appendix)



Cover Letter

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- Appendix C has shows the information required in the SAR Cover Letter

The following information is required for the cover letter:

Solicitation Number (if applicable):

Contracting Officer POC (if applicable):

Engine Type:

Company Name:

Company CAGE:

Company Address:

Primary Company POC: Name, phone, fax and email

Secondary Company POC: Name, phone, fax and email

Company Size: (Large or Small)

Qualification Requirement Designation and Revision: (i.e. RQR-PSD-1, Rev 3)

SAR Category: (i.e. Category II)

(This image shows a small part of the actual Appendix)

Repair Capability/Source of Supply Matrix for Modules & Assemblies

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- The table found in Appendix D is only necessary for modules/assemblies

MQR-PSD-1

Assembly PN:	XXXXXXX		
Part Number	Noun/Nomenclature	Source of Supply	Details
XXXXXXX	Embedded Item #1	Organic	SAR submitted for review on (DD MM YY). SAR control number: XXXXXXXX
XXXXXXX	Embedded Item #2	Organic	The PS is already an approved source. See attached ESA approval letter
XXXXXXX	Embedded Item #3	OEM	See attached letter of support from OEM (CAGE: XXXXX)
XXXXXXX	Embedded Item #4	USAF Approved Source	See attached letter of support from Approved Source (CAGE: XXXXX)
XXXXXXX	Embedded Item #5	Common Part	Part is standard/common

RQR-PSD-1

Module PN	Assembly PN	Embedded PN	Noun	Repair Capability		Repair Tech Data (T.O. 2J-FXXXX-X)				Part Replacement (New Manufacture)			
				Level of Repair Capability	Details	Disassembly	Cleaning	Inspection	Repair	Assembly	Replacement Source of Supply (SOS)	SOS CAGE Code	Details
MMMM1			Module#1	Full	See SAR Package	WP 0100	-	-	-	WP 70100	-	-	-
AAAAA1		Assembly#1	Module#1	Full	See Approval Letter	WP 1200	WP 2002	WP 30100	WP 40100	WP 70200	OEM	XXXXX	See Letter of Support
		X00001	Embedded item#1	Full	See Approval Letter	-	WP 2002	WP 30101	See NHA	-	Organic	XXXXX	See SAR Package
		X00002	Embedded item#2	Partial	See SAR Package	-	WP 2002	WP 30102	See NHA	-	Organic	XXXXX	See Approval Letter
		X00003	Embedded item#3	Clean/Inspect Only	See SAR Package	-	2-111	2-111	See NHA	-	Approved Source	XXXXX	See Letter of Support
AAAAA2		Assembly#2	Module#2	Full	See SAR Package	WP 0300	WP 2002	WP 30300	WP 40300	WP 70300	OEM	XXXXX	See Letter of Support
		X00004	Embedded item#4	None	-	-	See NHA	See NHA	-	-	OEM	XXXXX	See Letter of Support
		X00005	Embedded item#5	None	-	-	See NHA	See NHA	-	-	Common Part	-	-
		X00006	Embedded item#6	None	-	-	See NHA	See NHA	-	-	Common Part	-	-

(These images show a small part of the actual Appendix)



Technical Data Rights Certification Statement

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- The current version of the TDRCS can be found in Appendix E
- Must be signed by the Company President, Owner, or Plant Manager

I am an officer and employee of the above name legal entity with the responsibility for investigating the facts upon which this certification is made. To the best of my knowledge and information obtained from my recent investigation:

I certify that the technical data submitted as a part of my company's request for approval as potential source for the purpose of obtaining a contract were obtained by legal means by my company, without breach of any contractual or confidential relations pertaining to said technical data by my company, its current or recent employees; and

I certify that my company, its current or recent employees did not obtain or receive any technical data marked with a company's proprietary rights legend or a Government limited rights legend from any U.S. Government agency or employee or other third parties that were used in the preparation of or were incorporated into the request for approval or its supporting technical data other than as described herein; and

(This image shows a small part of the actual Appendix)



Similar Item Comparison

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- A sample comparison matrix can be found in Appendix F

<i>Subject Item Nomenclature</i>	<i>Similar Item Nomenclature</i>
<i>Subject Item NSN</i>	<i>Similar Item NSN</i>
<i>Subject Item Part Number</i>	<i>Similar Item Part Number</i>
<i>Subject Item TMS (if known)</i>	<i>Similar Item TMS (if known)</i>
<i>Subject Item Material</i>	<i>Similar Item Material</i>
<i>Subject Item Function</i>	<i>Similar Item Function</i>
<i>Subject Item Coatings</i>	<i>Similar Item Coatings</i>
<i>Subject Item Repair Processes</i>	<i>Similar Item Repair Processes</i>
<i>Subject Item Inspection Processes</i>	<i>Similar Item Inspection Processes</i>
<i>Subject Item Surface Finish</i>	<i>Similar Item Surface Finish</i>
<i>Subject Item Tightest Tolerance</i>	<i>Similar Item Tightest Tolerance</i>

(This image shows a small part of the actual Appendix)

Process Change Request (PCR) / Source Resubstantiation Request (SRR)



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Only an Approved Source that have produced CSI within three (3) years or CAI within seven (7) years can submit a PCR/SRR

- **If a source is currently producing and delivering for the USAF, there is no need for re-substantiation**
 - If a source stops production and within three (3) years for CSI or seven (7) years for CAI from the last time the item was produced by that source, the source may re-substantiate. If a PS lapses past this timeframe, a full SAR submittal will be required for approval
- **An approved source that has not delivered the subject item(s) to the USAF may re-substantiate within three (3) years for CSI and seven (7) years for CAI from the time of qualification. If a PS lapses past this timeframe, a full SAR submittal will be required for approval.**

Process Change Request (PCR) / Source Resubstantiation Request (SRR)



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- The PCR/SRR Form can be found in Appendix G

SOURCE RESUBSTANTIATION REQUEST (SRR)

PROCESS CHANGE REQUEST (PCR)

1. COMPANY (CAGE: NUMBER) was approved to repair PN: 12345678 on MM/DD/YYYY. This (PCR or SRR) is a notification of the changes to the subject item package that have occurred since that date.
2. The SAR contents have been changed as follows:

Required Element	Remain Unchanged	Update Provided
A: Cover Letter	<input type="checkbox"/>	<input type="checkbox"/>
B: Subject Item Technical Data	<input type="checkbox"/>	<input type="checkbox"/>
C: Proposed Production Documents	<input type="checkbox"/>	<input type="checkbox"/>

(This image shows a small part of the actual Appendix)



Qualified Sources – Operational Changes

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- After becoming a qualified source:
 - If a change to your process is required affecting an aspect of your submitted SAR such as changing:
 - Sub-tier Suppliers
 - Raw Material Suppliers
 - Any Industrial Process
 - Travelers/Process Operation Sheets
 - Inspection Method Sheets
 - Machine Location
 - To remain qualified, the ESA must be informed of and approve these changes
 - Send a process change request listing everything that has changed
 - Add any applicable documentation
 - The ESA may ask for further information/documentation



Technical Data Request

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- Request Data or Data Rights Purchases for Drawings
 - Public Sales Office (PSO) (405) 736-4676
 - ocalc.lgldo.public@us.af.mil
 - Provides commercial customers a method to purchase engineering data directly from the ALCs data repository.
 - Requires the customer to register with FedBizOps prior to a purchase request.
 - submit a request for data or ask questions through the PSO email listed below.
 - Offers single or revolving account data purchase options.
 - Department of Defense policy mandates only the Data Custodian listed on the Military Critical Technical Data Agreement (DD Form 2345) is eligible to receive data.

- Technical Order Home Office
 - aflcmc.ezgtp.pubsale@us.af.mil
 - Provides commercial customers a method to purchase technical orders directly
 - Department of Defense policy mandates only the Data Custodian listed on the Military Critical Technical Data Agreement (DD Form 2345) is eligible to receive data.

Process defined on SASPO Site



SAR Resources

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Focus your SARs / Get Help

Small Business Office

Liaison between Government and all businesses

- <http://www.afsc.af.mil/Units/SBO.aspx>

SASPO

Strategic Alternate Sourcing Program Office

- RPOW/Target List

- AFMCI 23-113/AFMCI 21-112
- Qualification Requirements

<http://www.tinker.af.mil/Home/429SCMS-SASPO/>

SAM

System for Award Management

- Find the NSN(s) from the target list
- Bidding info / dates
- <https://beta.sam.gov>

The screenshot displays two main web pages side-by-side.

Left Page: AFSC & TINKER AFB SMALL BUSINESS OFFICE

- Header:** Air Force Sustainment Center SMALL BUSINESS OFFICE
- Text:** Small Source, Right Value, Big Performance. Our mission is to maximize small business participation in AFMC Acquisitions and aide in making the small business the solution of choice to meet the warfighter's mission.
- Section:** DOING BUSINESS WITH THE AFSC
- Section:** PLANNING & PERFORMANCE
- Section:** TINKER AIR FORCE BASE
- Footer:** JOIN THE AIR FORCE

Right Page: AFSC HQ & Tinker AFB

- Section:** LOCATIONS & CONTACT
- Text:** AFSC HQ & Tinker AFB
- Text:** AFSCSB 3001 Staff Drive Suite 1A65SA Tinker AFB, OK 73145-2809
- Text:** Phone: (405) 739-2801 DSN: 329-2801
- Diagram:** Strategic Alternate Sourcing Program Office (SASPO) flowchart showing the process from Source Development to AF Decision Making & Material Shortages.
- Section:** DMSMS
- Text:** AFMCI 23-103 DMSMS Knowledge Sharing Portal Guidebook AVCOM link SharePoint Link IAF DMSMS Collaboration SharePoint Predictive Tool (AVCOM): AVCOM provides the capability to instantly status weapon system health across the enterprise.
- List:**
 - Provides a proactive approach to obsolescence management which allows users to resolve issues before they can become critical.
 - Provides important attributes above and beyond the normal piece part characteristics, for Hardness Critical Items (HCI), Critical Safety Items (CSI), Radiation Hardness (Rad Hard) and can track unlimited BOM indentured levels.
 - Reduces MICAPS and increases system availability due to early detection.
 - Maintain compliance with AFMCI G3-1201 "Operational Safety Suitability and Effectiveness (OSS&E) and Life Cycle System Engineering (LCSE)"
 - Provides users the capability to share previous resolved DMSMS issues with other users.
 - Provides the capability to maximize return on investment and bodies DMSMS management effectiveness and obsolescence identification for AF weapon systems.
- Section:** RPOD ANNOUNCEMENTS
- Text:** Air Force Base, Oklahoma
- List:**
 - Industry Day scheduled for 22-23 Feb 17
 - Industry Day Jan 2017
 - Industry Day Aug 2016
 - Industry Day Mar 2015



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Questions?



OBCE