



# AIR FORCE LIFE CYCLE MANAGEMENT CENTER



## *PROPULSION DIRECTORATE*



Source Approval Request (SAR)  
and Qualification Requirements  
Familiarization  
15 August 16

Mr. David Medina

AFLCMC/LPSEZ

(405) 734-8769 or DSN: 884-8769

Email: david.medina@us.af.mil

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*Integrity - Service - Excellence*



# Overview



- Source Approval Request
  - Qualification Requirements
- SAR Construction and Evaluation
  - Elements and Evaluations
  - Overall SAR Process
  - Outcomes
- Site Survey
- Questions
- References



# BLUF



- Focused SAR Package Submittals
- Meet the Established Requirements
- Reduce Effort to Become Qualified



# AFSC Small Business Office



## AFSC & Tinker AFB Small Business Office



**Air Force Sustainment Center  
SMALL BUSINESS OFFICE**

**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.

### Locations and Contact Info

#### AFSC HQ and Tinker AFB

email: [afsc.sb.workflow@tinker.af.mil](mailto:afsc.sb.workflow@tinker.af.mil)

AFSC/SB  
3001 Staff Drive  
Suite 1AG85A  
Tinker AFB, OK  
73145-3009

Phone:  
(405) 739-2801  
DSN: 339-2801



FAX:  
(405) 739-7085  
DSN: 339-7085

#### Hill AFB

E-mail: [afsc.ol.sb@hill.af.mil](mailto:afsc.ol.sb@hill.af.mil)

Small Business Office  
Bldg. 1289  
6038 Aspen Ave.  
Hill AFB, Utah 84058

Phone:  
(801) 777-4143  
DSN 777-4143

Fax:  
(801) 777-5366  
DSN 777-5366

#### Website

#### Robins AFB

Office of Small Business Programs  
AFSC/SB-R  
50 Richard Ray Boulevard, Building 205  
Robins AFB, GA 31098

Phone: (478) 926-5873  
Fax: (478) 926-2929

Small Business Specialists:  
(478) 926-5872  
(478) 926-9526

Source Development Specialist:  
(478) 926-5871

#### Website

### Doing Business with the AFSC

**A Step-by-Step Process to the Marketplace:** This is the first step for any small business wanting to conduct business with AFSC!

Government Contracting Programs

Small Business Programs

Training

Let us know about Small Business events. Email us at any of the contacts to the right of the page.

### About SBO

#### Director: Ms. Tracy Nicholson

The Director is responsible for establishing policy for AFSC's small business and source development programs and managing and overseeing daily program operations.

#### Source Development Specialists

The Source Development Specialists are the source development (SD) technical assistants to the director and manager of the SD program for AFSC. They are the points of contact for contractors seeking source approval for new manufacture and/or overhaul/repair of aircraft, jet engine, and instrument spare parts for AFSC.

#### Small Business Specialists

The Small Business Specialists are the Small Business (SB) Technical Assistants to the Director and point of contacts for Government Contracting Programs.

### Plans & Performance

DoD Plans & Performance

AFSC Plans & Performance

### Legislations, Regulations, Policy

SBA Policy and Regulations

Business USA

Small Business Committee Legislation

### Resources

Source Approval Request (SAR) Training

Source Approval Request (SAR) Process  
AFMCI 23-113 14 DECEMBER 2010



OC-ALC Source Approval Information Booklet

PZIO STRATEGIC CONTRACT STATUS 2015

### Helpful Links

- 429th Supply Chain Management Squadron/Strategic Alternate Sourcing Program Office
- AFICA Contracting
- Defense Logistics Agency (DLA)
- Dynamic Small Business Search (DSBS)
- Federal Acquisition Regulation (FAR)
- General Services Administration (GSA)
- NETCENTS-2
- OASIS
- Procurement Technical Assistant Centers
- Vet Biz Site

<http://www.afsc.af.mil/units/sbo/index.asp>



# FedBizOpps



- System Overview
  - The system is a web-based portal which allows review of Federal Procurement Opportunities over \$25,000.
  - All Users can review:
    - Getting Started Training Materials
    - General Information
    - Opportunities
    - Agencies / Offices List
    - Privacy Statement Vendor Opportunity

https://www.fbo.gov/

The screenshot shows the FedBizOpps.gov website. At the top, there is a navigation menu with links for Home, Getting Started, General Info, Opportunities, Agencies, and Privacy. Below the navigation is a search bar with the text "Search more than 25,300\* active federal opportunities." There are several dropdown menus for filtering results, including "Posted Date" (set to "Last 90 Days"), "Geo-Region Code" (set to "Any"), "Place of Performance" (set to "Any State or Territory"), and "Type" (set to "Any"). There are also input fields for "Keyword / Solicitation #:" and "Agency:".

Below the search bar, there are several informational sections:
 

- ATTENTION:** Agency users are responsible for properly uploading controlled, unclassified materials to FBO using the access control procedure for document packages and attachments detailed in the [FBO Buyers Guide](#). Do not upload ANY classified materials to FBO.
- Security Information:** For an important notice about recent cybersecurity incidents that may impact Federal employees and contractors, please visit [www.cpm.gov](http://www.cpm.gov) and <http://www.aetf.usa.gov/sonotices/>.
- Important Password Update:** Users and Interfacing Systems must reset their passwords as required every 90 days or the account will be disabled IAW GSA IT Security Policy, (CIO P 2100.1). Registered users will receive an email notification to remind them of this requirement. If your account has been disabled, contact the Federal Service Desk at [866-826-8220](tel:866-826-8220) (Monday - Friday 8 a.m. to 8 p.m. ET).

At the bottom of the page, there are sections for "Buyers / Engineers" and "Vendors / Citizens", each with a login form and links for "View Opportunities" and "Find Opportunities". There are also links for "Additional Resources" and "User Guides".



# FedBizOps.gov Search



- Review Features: Vendors can search for opportunities based:
  - Keyword or Solicitation Number
  - Opportunity/Procurement Type
  - Posted Date
  - Response Deadline
  - Last Modified Date
  - Contract Award Date
  - Place of Performance Zip Code
  - Place of Performance State
  - Set-Aside Code
  - Classification Code
  - NAICS Code
  - Agency/Office/Location(s)
  - Recovery and Reinvestment Act Action
  - J&A Statutory Authority

The screenshot displays the FedBizOps.gov search interface. At the top, there is a navigation bar with links for Home, Getting Started, General Info, Opportunities (highlighted), Agencies, and Privacy. Below the navigation bar, there are links for Buyers (Login | Register) and Vendors (Login | Register), along with an Accessibility icon. The main heading is "Search For Opportunities" with a "RETURN TO HOME" link. There are three tabs: Opportunities List, Advanced Search (selected), and Archives. The "Advanced Search" section prompts users to "Enter your search criteria and click search to find opportunities" and includes "Search", "Clear", and "Return To Opportunities List" buttons. The search criteria section includes: "Posted Date" (dropdown), "Place of Performance State" (dropdown menu showing Alabama, Alaska, American Samoa, Arizona, Arkansas), "Place of Performance Zip Code" (text input with a note to "Separate multiple zip codes by commas"), and "Documents To Search:" (radio buttons for Active Documents, Archived Documents, and Both). The "Set-Aside Code:" section has a link for "More information about Set-Aside Codes" and several checkboxes: Competitive S(a), Emerging Small Business, HUBZone, Woman Owned Small Business, Partial HBCU / MI, Partial Small Business, Service-Disabled Veteran-Owned Small Business, and Economically Disadvantaged Woman Owned Small Business. The "Opportunity/Procurement Type:" section includes checkboxes for Presolicitation, Modification/Amendment/Cancel, Foreign Government Standard, Intent to Bundle Requirements (DoD-Funded), Combined Synopsis/Solicitation, Sale of Surplus Property, Award Notice, and Fair Opportunity / Limited Sources Justification. The "Agency/Office/Location(s):" section has radio buttons for "All Agency/Office/Locations" (selected) and "Specific Agency/Office/Locations". The "Recovery and Reinvestment Act Action:" section has radio buttons for "Yes", "No", and "Ignore" (selected). The "Keywords or SOL#:" section has a text input field and a "GO" button.

FBO.GOV Buyer User Guide 1.9

[https://www.fbo.gov/downloads/FBO\\_Buyer\\_Guide.pdf](https://www.fbo.gov/downloads/FBO_Buyer_Guide.pdf)



# DLA Internet Bid Board System (DIBBS)



## DEFENSE LOGISTICS AGENCY Enterprise Business Systems DLA Internet Bid Board System (DIBBS)

### DEPARTMENT OF DEFENSE (DoD) NOTICE AND CONSENT BANNER

You are accessing a U.S. Government (USG) Information System (IS) that is provided for USG-authorized use only.

By using this IS (which includes any device attached to this IS), you consent to the following conditions:

- The USG routinely intercepts and monitors communications on this IS for purposes including, but not limited to, penetration testing, COMSEC monitoring, network operations and defense, personnel misconduct (PM), law enforcement (LE), and counterintelligence (CI) investigations.
- At any time, the USG may inspect and seize data stored on this IS.
- Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed or used for any USG-authorized purpose.
- This IS includes security measures (e.g., authentication and access controls) to protect USG interests--not for your personal benefit or privacy.
- Notwithstanding the above, using this IS does not constitute consent to PM, LE or CI investigative searching or monitoring of the content of privileged communications, or work product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such communications and work product are private and confidential. See User Agreement for details.

.....OK.....

<https://www.dibbs.bsm.dla.mil/dodwarning.aspx?goto=/default.aspx>



# DIBBS Search



DLA INTERNET BID BOARD SYSTEM (DIBBS) The DLA Internet Bid Board is a web-based bid board that allows suppliers to search for, view, and submit secure quotes on Requests For Quotations (RFQs), search and view Request for Proposals (RFPs), and view awards for DLA items of supply.

- DIBBS Registration is required to receive a login to conduct transactions over restricted portions of DLA DIBBS and to register email addresses for solicitation and award notification.
- Solicitation Notification: DIBBS provides daily vendor notifications for RFQs via email when they are included on the buyer's mailing list, if the suppliers have requested email notification for that NSN or FSC as part of their DIBBS registration, and if the vendor had a contract in the last 12 months.
- Vendor-Directed Solicitation Notification: DIBBS registration has an optional Vendor-Directed Solicitation Notification feature.
- Award/Modification Notification: DIBBS sends email notification with a web link for all awards/modifications posted on DIBBS, unless the CAGE received a delivery order via Electronic Data Interchange or EDI. RFQ

## Custom Queries Search the RFQ Database.

**RFQ DATABASE SEARCH**

**Search Categories:** NSN/Part Number

**Search Value(s):**

**NSN/Part Number**  
Enter search values on a single line with or without a comma separator.

Wildcard Permitted: Yes  
MIN Value Length: 5  
MAX Value Length: 45  
Acceptable Chars: a-z A-Z 0-9 \* , -  
Example »5962011231234

CLEAR SEARCH

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**Scope. Show RFQs only for:**  
Open - RFQs available for quoting

**Sorted by:** NSN

**Show Only:**

- Items with Technical Documents
- Fast Award Candidates
- Small Business Set-Asides
- HUBZone Set-Asides
- Auto-IDPO
- Combined Set-Asides
- Service Disabled Veteran Owned Small Business Set-Asides

[Additional RFQ Database Search Help](#)

<https://www.dibbs.bsm.dla.mil/>

Direct email notification of new solicitations that match selections for FSC, NSN, and Approved CAGE.

# Strategic Alternate Sourcing Program Office (SASPO)



## STRATEGIC ALTERNATE SOURCING PROGRAM OFFICE

## CONTACT INFO

### E-MAIL:

[429SCMS.SASPO.Workflow@us.af.mil](mailto:429SCMS.SASPO.Workflow@us.af.mil)

**PHONE:** (SASPO - DMSMS 405-736-5246 DSN: 336-5246)

429 SCMS/GUMD  
Alternate Sourcing Flight  
Strategic Alternate Sourcing Program Office (SASPO)  
3001 Staff Drive, Suite 2AC1 94B  
Tinker AFB, OK 73145-3009

## HELPFUL LINKS

[WR-ALC Small Business Robins AFB, GA](#)  
[OC-ALC Small Business Tinker AFB, OK](#)  
[OO-ALC Small Business Hill AFB, UT](#)

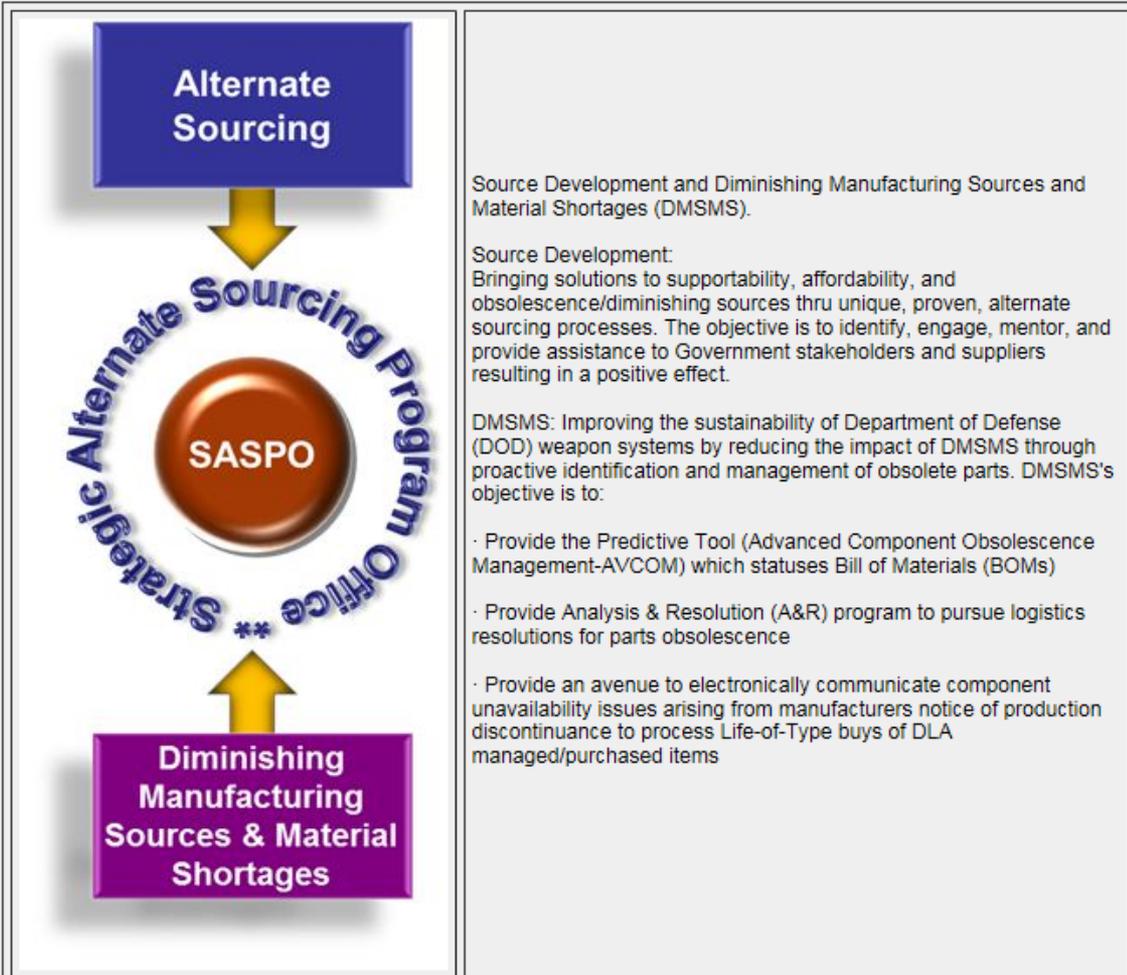
## REFERENCE LINKS

### SOURCE DEVELOPME

AFMCI 23-113

REQUIREMENTS PROJECTIONS ON THE WEB (RPOW)

Point of Contact:  
Angela Baldwin  
[angela.baldwin.2@us.af.mil](mailto:angela.baldwin.2@us.af.mil)



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



# SASPO Resources

**Diminishing Manufacturing Sources & Material Shortages**

Provide an avenue to electronically communicate component unavailability issues arising from manufacturers notice of production discontinuance to process Life-of-Type buys of DLA managed/purchased items

**TINKER INDUSTRY DAY 2016**

NEW

SASPO - Industry Day is set for Aug. 25-26, 2016

To register, click [here](#).

**SOURCE DEVELOPMENT**

**Source Approval Requests (SARs)**  
A qualification process the AF utilizes to qualify sources of supply or repair

- Provide Qualification Requirements to industry through FedBizOps
- Perform quality checks of SAR packages
- Driving standard operating procedures within the source approval process

**Repair Development**  
Matching industry capabilities and new technologies to AF requirements

- AFSC lead on increasing bearing re-use in the Air Force
- Increase propulsion blade and vane repairs
- Evaluating consumable items for potential repair versus buy

**Reverse Engineering**  
Provide program management for certain reverse engineering projects

- Coordinating reverse engineering efforts for F100 engine cables
- Working with Air Force Research Lab (AFRL) and Department of Energy Labs Coordinated reverse engineering for the C-17 Fire Extinguisher Bottle

[Federal Business Opportunities \(FedBizOpps\)](#)

**DMSMS**

**Predictive Tool (AVCOM):** AVCOM provides the capability to instantly status weapon system health across the enterprise

- Provides a proactive approach to obsolescence management which allows users to resolve issues before they can affect supportability
- 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 indented levels
- Reduces MICAPS and increases system availability due to part obsolescence
- Maintain compliance with AFMCI 83-1201 "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 bolsters DMSMS management effectiveness and obsolescence identification for AF weapon systems

**Analysis and Resolution (A&R):** A&R provides weapon system managers with the resources to perform system studies and proactively identify and resolve component unavailability issues before impacting supportability. Provides the resources to reactively solve part obsolescence issues with a timely cost effective resolution

- Increase of weapon system availability, capability, war readiness, mission capability identification of Form, Fit, Function, & Interface replacement parts to accomplish repairs at all organic and contractor repair facilities
- Identification of component manufacturers and commercial market availability sources for replacement parts
- Identification of commercial repair sources to satisfy current DMSMS repair requirements
- Proactive identification of DMSMS component sources to mitigate DMSMS problems before they occur thus avoiding expensive redesign projects

**REFERENCE LINKS**

SOURCE DEVELOPMENT

AFMCI 23-113

REQUIREMENTS PROJECTIONS ON THE WEB (RPOW)

Point of Contact:  
Angela Baldwin  
[angela\\_baldwin.2@us.af.mil](mailto:angela_baldwin.2@us.af.mil)

DLA WEBFLIS

FEDBIZOPPS

DEFENSE LOGISTICS AGENCY INTERNET BID BOARD SYSTEM (DIBBS)

AVIATION CRITICAL SAFETY ITEM MANAGEMENT HANDBOOK (CSI HANDBOOK)

JACG SOURCE-APPROVED AND MANAGEMENT HANDBOOK

**DMSMS**

AFMCI 23-103

GIDEP

DMSMS KNOWLEDGE SHARING PORTAL/GUIDEBOOK

**REFERENCE DOCS**

•[Tinker Industry Day Mar 2016](#)

•[SAR Propulsion Training 2016](#)

•[Quick Overview of Qualification Process 2015](#)

•[FSC 1500 \(Structures\) Reverse Engineering Industry Day 20 August 2015](#)

•[Diminishing Manufacturing Sources and Material Shortages \(DMSMS\) Program Predictive Tool](#)

•[Diminishing Manufacturing Sources and Material Shortages \(DMSMS\) Program Analysis & Resolution \(A&R\) Support Brochure](#)

**SASPO PRODUCTS**

•[SASPO Commercially-Used Overhauled Potential Buy List Spring 2016 Requirements Computation](#)

•[SASPO Target List - Spring 2016](#)

•[Spring 2016 G Coded List](#)

•[448 SCMW Buy Projections - Spring 2015](#)

•[448 SCMW Contract Repair Projections - Spring 2015](#)

Industry Days

23-113

POCs

Training

Target List



# SASPO Trigger List



## Spring 2016 Target List

SASPO Target List Fall 2015 – Sorted by Air Logistics Complex (ALC) Based on March 2015 Comp Cycle Data from DO75 Automated Budget Compilation System (ABCS)

#	ALC	FSC	NIIN	MMAC	NOUN	FUP	FY13 QTY	FY14 QTY	FY15 QTY	FY16 QTY	FY16 Spend \$	FY17 QTY	FY17 Spend \$	FY18 QTY	FY18 Spend \$	FY16-FY18 Spend \$
1	OC	2840	013872657	NZ	DUCT,FAN,-	\$97,363.00	44	35	21	143	13,922,909	50	4,868,150	52	5,062,876	23,853,935
2	OC	5895	015775557	FW	PROCESSOR	\$737,165.56	0	0	0	7	5,160,159	2	1,474,331	0	0	6,634,490
3	OC	2840	012118933	NZ	SUPPORT,SE	\$29,173.67	0	0	44	59	1,721,247	78	2,275,546	69	2,012,983	6,009,776
4	OC	1680	002499370	FL	RUDDEVATOR	\$24,336.66	0	0	0	59	1,435,863	51	1,241,170	44	1,070,813	3,747,846
5	OC	2840	012783281	NZ	SUPPORT,TU	\$19,257.03	0	0	51	0	0	103	1,983,474	89	1,713,876	3,697,350
6	OC	2840	015412442	JF	HOUSING,GE	\$46,929.63	1	34	93	58	2,721,919	0	0	0	0	2,721,919
7	OC	2840	016032118	NZ	SEAL,AIR,A	\$1,231.88	1476	434	0	424	522,317	840	1,034,779	840	1,034,779	2,591,876
8	OC	2840	012403588	PR	BARE FRONT	\$121,005.39	0	0	0	0	0	15	1,815,081	5	605,027	2,420,108
9	OC	1560	015495101	FG	NOSE RADOM	\$462,168.00	0	0	0	0	0	5	2,310,840	0	0	2,310,840
10	OC	2840	012075405	JF	CASE,COMPR	\$115,297.04	0	0	27	0	0	10	1,152,970	8	922,376	2,075,347
11	OC	2840	015042791	NZ	SUP,TURB D	\$6,982.51	67	0	63	103	719,199	98	684,286	95	663,338	2,066,823
12	OC	2840	016195780	NZ	LOCK RING,	\$4,611.81	0	0	0	270	1,245,189	120	553,417	46	212,143	2,010,749
13	OC	1560	015298392	FL	CELL,FUEL,	\$18,222.59	0	0	0	39	710,681	35	637,791	35	637,791	1,986,262
14	OC	2840	003437805	NZ	SUPPORT,SE	\$19,859.51	0	0	0	21	417,050	39	774,521	39	774,521	1,966,091
15	OC	1560	015302926	FL	CELL,FUEL,	\$20,795.62	0	50	0	31	644,664	30	623,869	28	582,277	1,850,810
16	OC	6110	011414879	HY	CONTROL,GE	\$34,002.45	0	0	0	0	0	0	0	51	1,734,125	1,734,125
17	OC	1560	015298391	FL	CELL,FUEL,	\$19,954.56	0	66	0	31	618,591	28	558,728	27	538,773	1,716,092
18	OC	1560	015297626	FL	CELL,FUEL,	\$17,765.97	0	17	0	33	586,277	31	550,745	31	550,745	1,687,767
19	OC	1560	015302924	FL	CELL,FUEL,	\$18,916.20	0	56	0	42	794,480	24	453,989	23	435,073	1,683,542
20	OC	1560	015298393	FL	CELL,FUEL,	\$22,643.51	0	85	0	24	543,444	24	543,444	22	498,157	1,585,046
21	OC	2995	011467571	JF	MANIFOLD,F	\$46,233.60	4	0	30	10	462,336	13	601,037	11	508,570	1,571,942
22	OC	1560	015297625	FL	CELL,FUEL,	\$22,050.59	0	39	0	25	551,265	22	485,113	21	463,062	1,499,440
23	OC	2840	015807061	NZ	SUPPORT,TU	\$25,450.11	0	6	0	0	0	26	661,703	30	763,503	1,425,206
24	OC	2840	014901337	OK	CASE, A/B,	\$38,995.07	0	0	0	7	272,965	15	584,926	14	545,931	1,403,823
25	OC	2840	014984163	NZ	DUCT,FAN,A	\$168,728.00	0	0	0	0	0	5	843,640	3	506,184	1,349,824
26	OC	1560	015297635	FL	CELL,FUEL,	\$18,335.49	0	45	0	25	458,387	23	421,716	21	385,045	1,265,149
27	OC	2840	011920808	JF	DUCT,FAN,A	\$31,571.52	0	0	0	40	1,262,861	0	0	0	0	1,262,861
28	OC	2840	012311048	OK	FLAMEHOLDE	\$23,355.43	12	11	0	15	350,331	19	443,753	16	373,687	1,167,772
29	OC	2840	002803976	NZ	HOUSING,AN	\$12,815.64	0	0	0	0	0	45	576,704	45	576,704	1,153,408
30	OC	2840	003214600	NZ	HOUSING,SE	\$10,885.80	3	19	0	47	511,633	28	304,802	24	261,259	1,077,694
31	OC	1560	011059521	FG	FUEL ACCES	\$5,506.12	0	27	0	0	0	155	853,449	31	170,690	1,024,138
32	OC	2840	012149746	NZ	FAIRING,TU	\$5,366.40	52	0	58	31	166,358	79	423,946	70	375,648	965,952
33	OC	3040	012118934	NZ	BELL CRANK	\$1,341.28	0	0	0	111	148,882	297	398,360	275	368,852	916,094
34	OC	2840	013084465	NZ	DIVERGENT	\$3,103.68	600	277	503	0	0	73	226,569	214	664,188	890,756
35	OC	2840	013094147	NZ	FLAMEHOLDE	\$15,620.45	0	56	0	0	0	17	265,548	37	577,957	843,504
36	OC	2840	016028421	NZ	SEAL,AIR,A	\$5,152.12	0	145	31	43	221,541	60	309,127	60	309,127	839,796
37	OC	2840	012050540	NZ	SEAL,AIR,A	\$2,992.01	163	161	0	0	0	140	418,881	135	403,921	822,803
38	OC	2840	012919942	JU	HOUSING,GE	\$112,068.99	0	0	0	4	448,276	2	224,138	1	112,069	784,483
39	OC	2840	009668088	RV	SPACER,COM	\$13,851.98	0	0	0	40	554,079	7	96,964	5	69,260	720,303

The 36 Month SASPO Target List is provided every 6 Months and extracted from RPOW



# AFMCI 23-113 Policy

- 2.2.2. The **ESA will establish the qualification requirements for potential parts being considered.** The qualification requirements will be in accordance with FAR 9.2 Qualification Requirements and DoD 4120.24-M Defense Standardization Program, Policy and Procedures. Qualifications requirements will be documented as described in Justification for Qualification Requirements.
  - 2.2.2.1. Prepare pre-award qualification requirements whenever prequalification of a source or its product is required and it has not been determined that it is unreasonable to develop or specify the standards for qualification which a prospective offeror or its product must satisfy.
    - 2.2.2.1.1. The **waiver process is available when prequalification is required** and it is unreasonable to develop or specify the standards for qualification which a potential offeror or its product must satisfy. Prepare waivers in accordance with FAR 9.202(b) and documented
  - 2.2.2.2. The ESA will assign and document item-criticality (Critical Safety Item (CSI), Critical Application Item (CAI) , Non-critical), along with critical characteristics, if any, for potential parts being considered. DFARS 209.270-2 defines Aviation CSI. In addition, there may be other definitions tailored to a specific type of weapon system.



# Justification for Qualification Requirements

- Engineering
  - Check Master QR Listing
  - JQR approved August 2015
    - CSI
      - Technical Branch
    - CAI
      - Comp Advocate
      - Head of Procurement
- Estimated Cost
  - Waivers \$ 1,500
  - SAR/Master SAR \$ 2,500
  - SAR Lite \$ 1,500
  - Resubstantiation \$ 1,000
  - SRR Lite \$ 500

<https://org.eis.afmc.af.mil/sites/639acsg/LPSE/Source%20Approval%20Request%20Training/Forms/AllItems.aspx>

23 Oct-15 → → → JQR-PSD-1 & 2  
Revision 1

**JUSTIFICATION FOR MANUFACTURING QUALIFICATION REQUIREMENTS**

FAR 9.202(a) Policy as amended by DFARS 209.270-4(a)(2) Procedures

**1.-DESCRIPTION OF SUPPLIES OR SERVICES:**

1.1.→ This justification applies to pre-award qualification for repair of engine components specifically approved by the Engineering Support Activity (ESA) by standard Manufacturing Qualification Requirements (RQR).

1.2.→ Description of Repairs: The manufacture required for the parts covered by this justification include processes that are capable of producing alterations in the material structure of a part which can compromise the mechanical properties and ultimately the reliability of the parts. Examples of processes that are considered to be significant and required for repair of these parts are listed in Appendix B of the RQR-PSD-1 & 2.

1.3.→ Component Function: The components covered by this justification are part of one or more configurations of a jet engine in which they are installed.

**2.-JUSTIFICATION FOR QUALIFICATION REQUIREMENTS:**

2.1.→ Criticality: This component(s) covered by this justification have been classified as Critical Safety Items (CSI) or Critical Application Items (CAI).

2.1.1.→ A CSI is a part, an 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 uncommanded engine shutdown that jeopardizes safety.

2.1.2.→ A CAI is an item that is essential to weapon system performance or operation, or the preservation of life or safety of operating personnel, as determined by the military services. The subset of CAIs whose failure could have catastrophic or critical safety consequences (Category I or II as defined by MIL-STD-882) is called CSIs.

2.2.→ Complexity: The components covered by this justification include one or more repair processes that are capable of producing alterations in the material structure of a part which cannot normally be evaluated without destructive testing and which can compromise the mechanical properties and ultimately the reliability of the parts. These processes require specialized equipment and unique capabilities. The repair process complexities are described as follows:

---

23 Oct-15 → → → JQR-PSD-1 & 2  
Revision 1

**JUSTIFICATION FOR REPAIR QUALIFICATION REQUIREMENTS**

FAR 9.202(a) Policy as amended by DFARS 209.270-4(a)(2) Procedures

**1.-DESCRIPTION OF SUPPLIES OR SERVICES:**

1.1.→ This justification applies to pre-award qualification for repair of engine components with and without Source Demonstration and specifically approved by the Engineering Support Activity (ESA) by standard Repair Qualification Requirements (RQR).

1.2.→ Description of Repairs: The repairs required for the parts covered by this justification include processes that are capable of producing alterations in the material structure of a part which cannot normally be evaluated without destructive testing and which can compromise the mechanical properties and ultimately the reliability of the parts. Examples of processes that are considered to be significant and required for repair of these parts are listed in Appendix B of the RQR-PSD-1 & 2.

1.3.→ Component Function: The components covered by this justification are part of one or more configurations of a jet engine and contribute to the proper and safe operation of the engine(s) in which they are installed.

**2.-JUSTIFICATION FOR QUALIFICATION REQUIREMENTS:**

2.1.→ Criticality: This component(s) covered by this justification have been classified as Critical Safety Items (CSI) or Critical Application Items (CAI).

2.1.1.→ A CSI is a part, an 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 uncommanded engine shutdown that jeopardizes safety.

2.1.2.→ A CAI is an item that is essential to weapon system performance or operation, or the preservation of life or safety of operating personnel, as determined by the military services. The subset of CAIs whose failure could have catastrophic or critical safety consequences (Category I or II as defined by MIL-STD-882) is called CSIs.

2.2.→ Complexity: The components covered by this justification include one or more repair processes that are capable of producing alterations in the material structure of a part which cannot normally be evaluated without destructive testing and which can compromise the mechanical properties and ultimately the reliability of the parts. These processes require specialized equipment and unique capabilities. The repair process complexities are described as follows:



# Class Action Waiver

- AMC/AMSC Confirmed
  - G (Full and Open Competition)
    - No Waiver/SAR Required
  - A Data Right Questionable
  - B Source Control (OEM Qualification)
  - H No sufficient, accurate or legible data to purchase from other than the current source
  - L Low Dollar Buy
  - O No AMSC Code Assigned
  - U No Projected Life Time Savings
  - Y Unstable Design
- Validate Expiration Date
- No Additional Action is Required

**AMSC/RMSC WAIVER OF QUALIFICATION REQUIREMENTS (QR)<sup>¶</sup>**  
**Determination of Unreasonableness to Specify Qualification Standards<sup>¶</sup>**  
 (FAR 9.202(b))<sup>¶</sup>

¶

**Section A. Description of Supplies or Services:** This waiver applies to any Propulsion critical items, CSI and CAI, with current 761 or 762 having an AMSC or RMSC code of A, B, H, L, O, U and Y. This waiver applies to any new NSN/PN that may supersede the existing NSN/PN having the same AMSC or RMSC codes. ¶

**Section B. Rationale Supporting Unreasonableness:** QR(s) for these CSI(s) and CAI(s) cannot be drafted because the AMSC or RMSC codes are temporary, source controlled, not cost effective, unstable or have data or data rights issues. For these reasons, only the current approved sources on the 761 or 762 are considered to be able to insure these requirements for new manufacture or repair are met. ¶

**Section C. Planned Corrective Action and Schedule:** (if feasible) It is neither cost effective nor feasible to acquire the necessary technical, manufacturing, repair and engineering data required to draft proper qualification requirements for these items. For A & H codes, OEM will not or cannot provide this data or data rights necessary to the Air Force. For B Codes, the USAF determined that all source for source control items would be approved by the OEM. For L & U codes, the items do not have any projects saving now or over their lifetime in order to qualify additional sources. For Y codes, the design is unstable and has not reached a stable configuration control point. Further, obtaining the knowledge base and the continuing research capability as maintained by the OEM is not possible. Therefore, the only corrective action planned at this time is to continue to request the data or data rights and/or to monitor the buy amounts and configuration control. If at any point, the AMSC or RMSC code is changed on the 761 or 762 from the codes specified in Section A, this waiver will not apply. Those NSN/PN(s) will have to be appended to one of the existing Propulsion Manufacturing or Repair QRs. ¶

**Section D. Determination:** Due to the rationale in Part B above, it is hereby determined that it is unreasonable to develop or specify the QRs that a prospective contractor must satisfy to provide these critical items. POC for this document is the AFLCMC Engineer listed on the 761 or 762 ¶

¶

¶

Competition Advocate	→	→	→	Date	→	→	Cognizant Engineering Authority	→	→	Date
Mary J. Wade, AFSC/PZC	→	→	→	→	→	→	Melanie Jonason, AFLCMC/LPSE	→	→	→

¶

¶

¶

Senior Center Contracting Official	→	→	Date
Ray E. Nicholas, AFSC/PZA	→	→	→

¶

The authority granted by the signatures for waiver shall not exceed two (2) years past the last signed date. The waiver shall be examined and revalidated if the last signed date is over 2 years old (FAR 9.202(b)). ¶

¶

Waiver based on AMSC /RMSC Codes

# Still in Work

AFMCFARS Part 5309



# Waiver means Stop



Do Not Pass Go.

Do Not Submit  
a SAR



# Technical Data Request



- Request Data or Data Rights Purchases for Drawings
- Public Sales Office (PSO)
  - 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.
  - NOT Freedom of Information Action (FOIA) or Free
- Technical Order Home Office
  - 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.
  - NOT Freedom of Information Action (FOIA) or Free

Prints

T.O.s



# Acquisition Method Suffix Codes

## AMC/AMSC (RMC/RMSC)



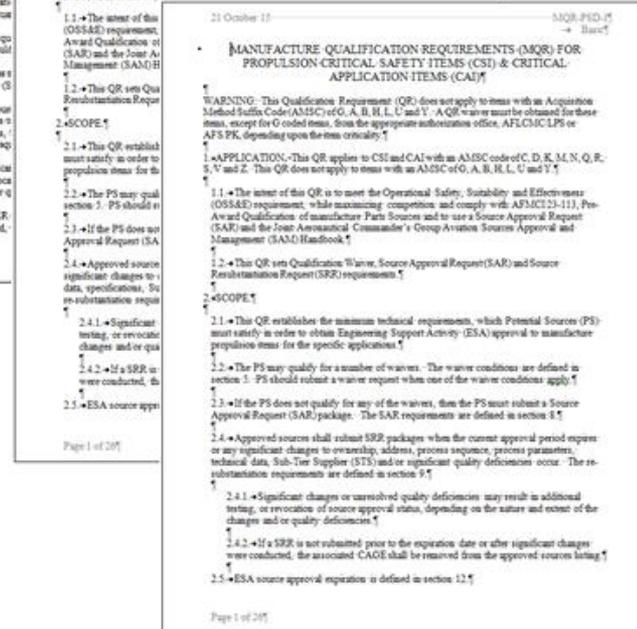
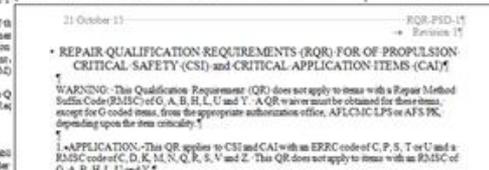
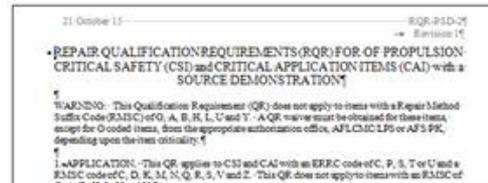
																			Mar 2015				
AMSC	Description	Expire (Months)	AMC-QR?					Screen	Screen	ENGR	ES	ENGR	ENGR	ENGR	ENGR	ENGR	ENGR	ENGR	ENGR	Competitive	Notes		
			0	1	2	3	4	5	TEMP	TDP (Given)	761 SAW	EDL	JQR	QR Listing	MQR	84 Waiver	QR Waiver	FAT 260					
A	Data Right <u>Questionable</u>	24	No	No	No	No	No	Yes	No	Yes	No	Yes	No	No	No	Yes	No	No	Yes	No	if 1 or 2	Limited if alt data source can be used to qualify design control activity (OEM) procedure	
B	Source Control	60	No	No	No	No	No	No	Maybe	Yes	Maybe	Yes	No	No	No	Yes	No	No	Yes	No	if 1 or 2	OEM approval. DoD-STD-100. AFI 201-06 shall be considered approved, unless determined by the ESA to be otherwise.	
C	Engineering Source Approval	60	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	1.2	Yes	No	Yes	Yes	Yes	if 1 or 2	Approved by CEA per QR	
D	GOV Data or Rights NOT Physically Available	60				No	No	No	No	No	Yes	No	Yes	No	No	No	Yes	No	Yes	No	if 1 or 2	can not purchase data or data rights	
E	Reserved		Reserved																				
F	Reserved		Reserved																				
G	Full and Open Competition	Unlimited		No	No	← Not CSI				Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Data is available; No restrictions; if FAT is required change to ASMC C
H	No sufficient, accurate or legible data to purchase from other than the current source	24	No	No	No	No	No	Yes	No	Yes	No	Yes	No	No	No	No	Yes	No	No	No	if 1 or 2		
I	Not Authorized		Not Authorized																				
J	Reserved		Reserved																				
K	Approved Class 1 Castings and Similar Forgings SAE- AMS2175 (MIL-STD-2175)	None		Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Maybe	Maybe; Depends 1, 2	Maybe	Maybe	Yes	Yes	Yes	if 1 or 2	one source for casting/forging. Depends if they will provide cast/forge? SAE-AMS2175 (MIL-STD-2175)	
L	Low Dollar Buy	0 transfer only	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	No	No	No	if 1 or 2	part buy falls below the screening threshold established by DoD	
M	Master Tooling or Coordinated Tooling	60	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Maybe	Maybe; Depends 1, 2	Maybe	Maybe	Yes	Yes	Yes	if 1 or 2	if more than one tooling set exist and can be made available?	
N	Manufacturing Requires Special Test a/o Ultra-Precision Quality	60	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	Maybe	No	No	No	if 1 or 2	Can Substantiation and Inspection of the Precision or Quality be Accomplished?	
O	No AMSC Code Assigned		Yes						Yes	None													
P	Cannot Purchase Data Rights	60				No	No	No	No	No	Yes	No	Yes	No	No	No	Yes	No	No	No	if 1 or 2	Uneconomical to Reverse Engineer (RE)? Does second source had the Data?	
Q	No Adequate Data, Rights or Both	24		No	No	No	No	No	Yes	No	Yes	No	Yes	No	No	No	Yes	No	No	No	if 1 or 2	Must be Reviewed Periodically	
R	No Data or Rights from Additional Sources	60		No	No	No	No	No	No	No	Yes	No	Yes	No	No	No	Yes	No	No	No	if 1 or 2	Cannot Purchase data & RE not Economical. Data Rights were not purchased Initially (F108)	
S	Unclassified Military Sensitive Technology	60		No	No	No	No	No	No	Controlled	Yes	No	Yes	No	No	No	Yes	No	No	No	if 1 or 2	Controlled; Restricted. No Initial Data Purchased FAR 6.3 Would Require Special Procurement	
T	QPL	None																				AFI 20-106 Approved where the ESA coordinated on the approval	
U	No Projected Life Time Savings	60		No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	Yes	No	No	No	if 1 or 2	Limited to current GOV Sources due to cost of Developing New Sources	
V	Formal High Reliability Program	60		Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	3	No	Yes	No	No	No	if 1 or 2	Designated a High Reliability Part under a Formal Reliability Program. ENSIP or PSIP Programs, SOLAR, DAR or SLAM. OEM and Licensee. Must be on the V-Coded List.	
W	Reserved		Reserved																				
X	Not Authorized		Not Authorized																				
Y	Unstable Design	60		No	No	No	No	No	No	No	Yes	No	Yes	No	No	No	Yes	No	No	No	1 or 2 apply	Limited Quantity for Test or Service Use	
Z	Commercial/Non-developmental/off-the-shelf	None		No	No	No	No	No	No	No	Yes	No	Yes	No	No	No	Maybe	No	No	No	if 1 or 2	Commercial Manuals Assigned a Technical Manual Number	

For the purpose of the QR/SAR ASMC/RMSC Codes: D, N, P, R, S, V\* and Z are considered Proprietary



# Propulsion Standard QRs

- MQR-PSD-1
  - Apply to CSI and CAI
  - AMSC: C, K, and M (Government Rights)
  - AMSC : D, N, P, R, S, V and Z (Proprietary)
  - Do not apply to AMSC of G, A, B, H, L, O, Q, U and Y.
- RQR-PSD-1 or RQR-PSD-2 (Source Demo)
  - Apply to CSI and CAI
  - ERRC: C, P, S, T or U
  - RMSC: C, K, and M (Government Rights)
  - RMSC : D, N, P, R, S, V and Z (Proprietary)
  - Do not apply to RMSC of G, A, B, H, L, O, Q, U and Y.



Comply with AFMCI 23-113, CSI & SAM Handbooks



# Propulsion Qualification Requirement Outline



- Updates incorporated Lessons Learned
- Qualification Requirement Content (Section)
  - Scope (Section 2)
  - Submittal Determination (4)
  - Data Acquisition (4.3)
  - SAR, Waiver or Re-substantiation Format ( 5)
  - Waivers and Requirements ( 7)
  - SAR Categories, Format and Requirements (8)
  - Source Resubstantiation Request (9)
  - Submittals/Point of Entry (10)
  - Evaluation (11)
  - Expiration (12)
  - Self-Assessment & Site Survey Checklist (13).
  - Loss of Qualification (14)
- Creates Three Types of SARs
  - Waivers
  - SAR/Master SAR
  - SAR lites
- Eliminates/Reduces
  - Processing Time/Delays
  - Overall Manpower Requirements
  - SAR Construction Efforts

5 July 2016

MQR-PSD-1  
Basic

## MANUFACTURE QUALIFICATION REQUIREMENTS (MQR) FOR PROPULSION CRITICAL SAFETY ITEMS (CSI) & CRITICAL APPLICATION ITEMS (CAI)

**WARNING:** This Qualification Requirement (QR) does not apply to any items with an Acquisition Method Suffix Code (AMSC) of G, A, B, H, L, U or Y. AFLCMC/LPS Engineering Support Activity (ESA) must obtain a waiver for these items, except for G coded items, from the appropriate authorization office, AFLCMC/LPS or AFSC/PZ, depending upon the item criticality.

1. APPLICATION. This QR applies to CSI and CAI with an AMSC code of C, D, K, M, N, P, Q, R, S, V and Z. This QR does not apply to items with an AMSC of G, A, B, H, L, U and Y.

1.1. The intent of this QR is to meet the Operational Safety, Suitability and Effectiveness (OSS&E) requirement, while maximizing competition and complying with AFMCI 23-113, Pre-Award Qualification of New or Additional Parts Sources and the Use of the Source Approval Request (SAR) and the Joint Aeronautical Commander's Group Aviation Sources Approval and Management (SAM) Handbook.

1.2. This QR sets Qualification Waiver, SAR and Source Resubstantiation Request (SRR) requirements.

### 2. SCOPE.

2.1. This QR establishes the minimum technical requirements, which Potential Sources (PS) must satisfy in order to obtain ESA approval to manufacture propulsion items for the specific applications.

2.2. The PS may qualify for a number of waivers. The waiver conditions are defined in section 7. PS should submit a waiver request when one of the waiver conditions applies.

2.3. If the PS does not qualify for any of the waivers, then the PS must submit a SAR package. The SAR requirements are defined in section 8.

2.4. Approved sources shall submit SRR packages prior to expiration of the current approval period or when any significant changes to ownership, address, process sequence, process parameters, technical data, Sub-Tier Supplier (STS) and/or significant quality deficiencies occur. The re-substantiation requirements are defined in section 9.

2.4.1. Significant changes, as defined in FAR 9.207, or unresolved quality deficiencies may result in additional testing, or revocation of source approval status, depending on the nature and extent of the changes and/or quality deficiencies.

2.4.2. If an SRR is not submitted prior to the expiration date or after significant changes have occurred, the associated CAGE shall be removed from the approved sources listing.

2.5. ESA source approval expiration is defined in section 12.

Page 1 of 26



# SAR Waiver Determination



- Submitter
  - Reviews the QR
  - Determines if a Waiver or SAR should be submitted
  - Submits the Qualification Waiver Condition (QWC) & Required Artifacts

**Use Waiver if one applies versus submitting a SAR.**



# Manufacturing SAR Waivers



The Offeror should consider submitting a waiver for evaluation after they have determined that one of the following waiver conditions has been met:

- QWC1: The potential source submits written certification that the articles have been supplied to the government or original equipment manufacturer (e.g., DD Form 250, Material Inspection and Receiving Report, Purchase Order invoice).
- QWC2: The potential source is qualified on the right-hand article and requests to be qualified on the left-hand article. If the right-and left-hand articles are mirror images of each other, then approval can generally be given.
- QWC3: A source qualified to provide an assembly is usually qualified to provide subassemblies, major components, and items of that assembly. Applies only if all the manufacturing or repair for subcomponents is conducted in-house and elements G, H, K L and M were provided during the qualification of the assembly.
- QWC4: A source qualified to provide earlier dash numbers of a basic P/N may be qualified to provide other dash numbers of that same basic P/N, provided there is no increase in complexity, criticality, or other relevant requirements.
- QWC5: Supplier shall submit SAR CAT II or III.
- QWC6: A source previously qualified to provide an item, but which has been purchased, sold, merged, absorbed, reformed, split, etc., may qualify if it can be established that the qualification is currently with the requester and that the requester has the same or equivalent facilities, tooling, equipment, personnel, and utilizes the original forging, castings, etc., in the process. **NOVATION LETTER IS REQUIRED.**
- QWC7: Other. Needs to be adapted based on the situation. This waiver has been used for OEM moving to a new facility. The ESA will adjust the elements required.



# SAR Waiver Data Requirements

## Manufacturing



- Each Waiver 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.

Element	Title	Qualification Waiver Criteria						
		1	2	3	4	6	7	
A	Cover Letter	■	■	■	■	■	■	
B	Technical Data Rights Certification Statement, if required	■	■	■	■	■	□	
C	Brochure & Correspondence (Tool List Only)	■	■	■	■	■	□	
D	Quality Assurance Documentation					■	□	
E	Subject Item Technical Data						□	
G	Sub-Tier Supplier (Sub-Vendor) Information (Frozen for CSI)	■	■	■	■	■	□	
H	Quality History	■	■	■	■	■	□	
J	Similarities/Differences of Subject/Similar Items		■		■		□	
K	Purchase Orders & Shipping Documents	■	■	■	■	■	□	
L	Process/Operations Sheets & Travelers (Frozen for CSI)	■	■	■	■	■	■	
M	Inspection Method Sheets (IMS) (Frozen for CSI)	■	■	■	■	■	■	
N	Prime Contractor's Quality Rating System Report	■				■	□	
O	License Agreement, If Applicable	■	■	■	■	■	□	
Q	Government/Prime Contractor Surveys	■			■	■	□	
T	Master Tooling Certifications	■	■	■	■	■	□	
U	Government Quality Assurance Compliance	■	■	■	■	■	□	
AA	ESA/OEM Approval Letter	■	■	■	■	■	□	
AB	Novation Letter					■	□	



# Repair SAR Waivers

The Offeror should consider submitting a waiver for evaluation after they have determined that one of the following waiver conditions has been met:

- QWC1: The potential source submits written certification that the articles have been supplied to the government or original equipment manufacturer (e.g., DD Form 250, Material Inspection and Receiving Report, Purchase Order invoice).
- QWC2: The potential source is qualified on the right-hand article and requests to be qualified on the left-hand article. If the right-and left-hand articles are mirror images of each other, then approval can generally be given.
- QWC3: A source qualified to provide an assembly is usually qualified to provide subassemblies, major components, and items of that assembly. Applies only if all the manufacturing or repair for subcomponents is conducted in-house and elements G, H, K L and M were provided during the qualification of the assembly.
- QWC4: A source qualified to provide earlier dash numbers of a basic P/N may be qualified to provide other dash numbers of that same basic P/N, provided there is no increase in complexity, criticality, or other relevant requirements.
- QWC5: Supplier shall submit SAR CAT II or III.
- QWC6: A source previously qualified to provide an item, but which has been purchased, sold, merged, absorbed, reformed, split, etc., may qualify if it can be established that the qualification is currently with the requester and that the requester has the same or equivalent facilities, tooling, equipment, personnel, and utilizes the original forging, castings, etc., in the process. **NOVATION LETTER IS REQUIRED.**
- QWC7: Other. Needs to be adapted based on the situation. This waiver has been used for OEM moving to a new facility. The ESA will adjust the elements required.
- QWC8: Manufacturer. A source qualified to manufacture an item, seeking repair qualification may qualify if it can be established that PS has the same or equivalent facilities, tooling, equipment, data and personnel and utilizes them for the repair of the item.



# SAR Waiver Data Requirements

## Repair



- Each Waiver 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.

Element	Title	Qualification Waiver Criteria							
		1	2	3	4	6	7	8	
A	Cover Letter	■	■	■	■	■	■	■	■
B	Technical Data Rights Certification Statement, if required	■	■	■	■	■	□	■	
C	Brochure & Correspondence (Tool List Only)	■	■	■	■	■	□	■	
D	Quality Assurance Documentation					■	□		
E	Subject Item Technical Data								■
G	Sub-Tier Supplier (Sub-Vendor) Information (Frozen for CSI)	■	■	■	■	■	□	■	
H	Quality History	■	■	■	■	■	□	■	
J	Similarities/Differences of Subject/Similar Items		■		■		□		
K	Purchase Orders & Shipping Documents	■	■	■	■	■	□	■	
L	Process/Operations Sheets & Travelers (Frozen for CSI)	■	■	■	■	■	■	■	
M	Inspection Method Sheets (IMS) (Frozen for CSI)	■	■	■	■	■	■	■	
N	Prime Contractor's Quality Rating System Report	■				■	□		
O	License Agreement, If Applicable	■	■	■	■	■	□	■	
Q	Government/Prime Contractor Surveys	■			■	■	□		
T	Master Tooling Certifications	■	■	■	■	■	□	■	
U	Government Quality Assurance Compliance	■	■	■	■	■	□	■	
AA	ESA/OEM Approval Letter	■	■	■	■	■	□	■	
AB	Novation Letter					■	□		



# AFMCI 23-113 Source Approval Categories



- Category I, Actual Item. - SARs received from suppliers who have manufactured or performed ROMM on the exact (Subject) item to the OEM technical data for the prime contractor, OEM, another service or, a civil sector under FAA PMA identity. The item will be produced and evaluated against the ESA approved technical data package.
- Category II, Similar Item– SARs received from suppliers who have not previously manufactured, repaired, or overhauled the exact (Subject) item, but have manufactured or performed ROMM on items similar in complexity, design, criticality, manufacturing/repair/overhaul processes, materials, and application for the
  - a) Prime Contractor, OEM, or another service using OEM data, or
  - b) civil sector under FAA PMA based on identity
- Category III, New Manufacturer of Item - This category covers offerors who do not meet Category I or II criteria but have the OEM’s technical data and intend to produce to the ESA approved technical data package.
- **Category IV, Alternate Item - SARs received from an offeror who is proposing an alternate part as the equivalent to the OEM part. These can be reverse engineered, but not reengineered components.**



# SAR Data Requirements and Format



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

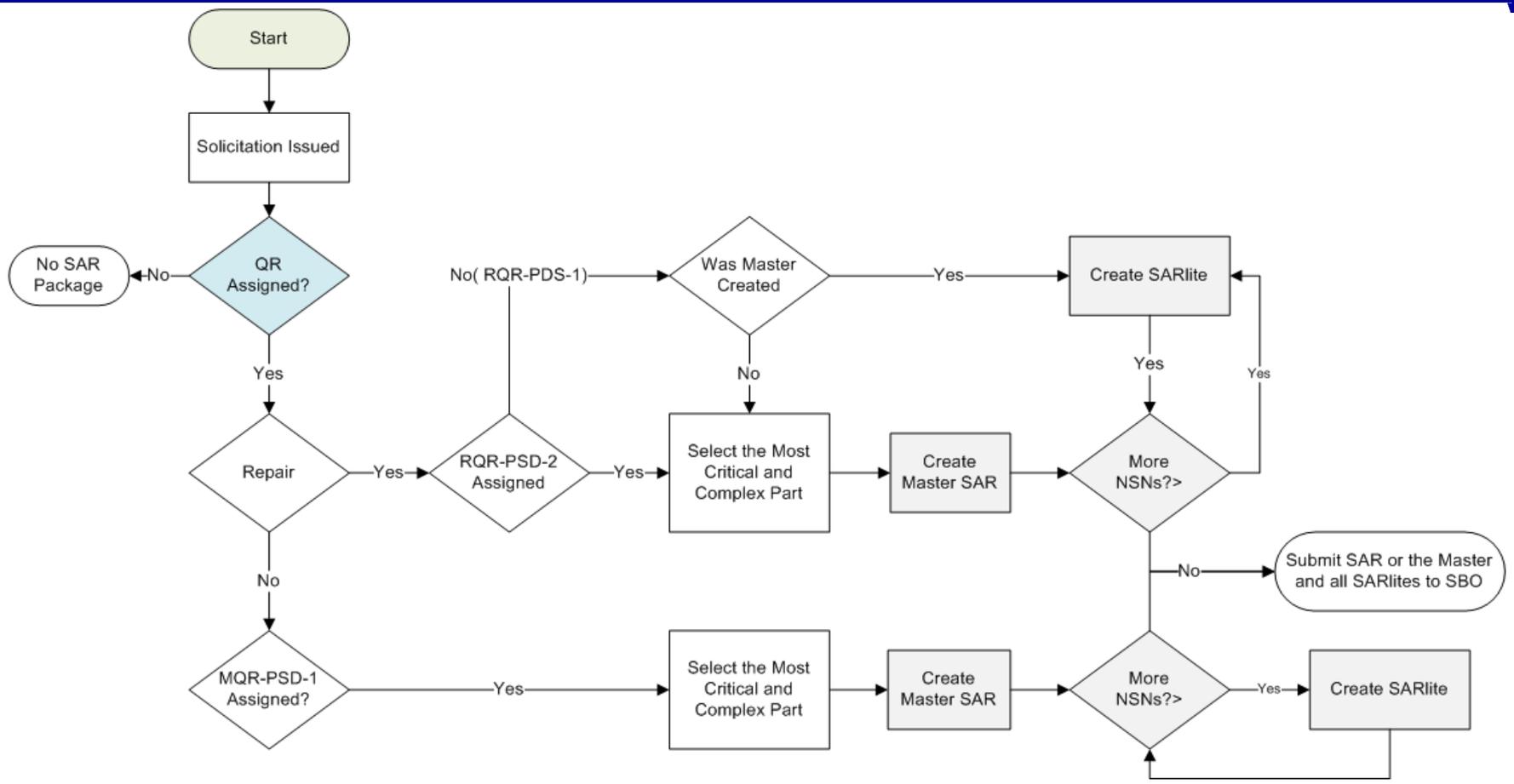
ELEMENT	REQUIRED ELEMENTS	CAT I		CAT II		CAT III		Remarks
		M	S	M	S	M	S	
A	COVER LETTER	■	■	■	■	■	■	
B	TECHNICAL DATA RIGHTS CERTIFICATION STATEMENT (CRITICAL)	■		■		■		Include all NSN and PN
C	BROCHURE & CORRESPONDENCE	■		■		■		Submit the complete tool list
D	QUALITY ASSURANCE DOCUMENTATION * Site Survey Meets Requirement	■		■		■		Only submit once for all the SARs
E	SUBJECT ITEM TECHNICAL DATA	■	□	■	□	■	□	For all NSN and PN
F	SUBJECT ITEM SPECIFICATIONS	■	□	■	□	■	□	For all NSN and PN
G	SUB-TIER SUPPLIER LIST (FROZEN FOR CSI)	■	■	■	■	■	■	
H	QUALITY HISTORY	■		■		■		Include all NSN and PN
I	SIMILAR ITEM TECHNICAL DATA			■	■			
J	SIMILARITIES/DIFFERENCES OF SUBJECT/SIMILAR ITEMS			■	■			
K	PURCHASE ORDERS & SHIPPING DOCUMENTS	■	■	■	■			
L	TRAVELERS & PROCESS/OPERATIONS SHEETS (POS) (FROZEN FOR CSI)	■	■	■	■	■	■	
M	MANUFACTURE PROCESS SHEETS AND / OR INSPECTION METHOD SHEETS (IMS) (FROZEN FOR CSI)	■	■	■	■	■	■	
N	PRIME CONTRACTOR'S QUALITY RATING SYSTEM REPORT	■		■		■		Only submit once for all the SARs
O	LICENSEE AGREEMENT (IF APPLICABLE)	■		■		■		Include all NSN and PN
P	VALUE ADDED (BY PRIME OR OEM)	■		■		■		For all NSN and PN. Only submit once for all the SARs
Q	GOVERNMENT / PRIME CONTRACTOR SURVEYS	■		■		■		Submit once per CAGE
T	MASTER TOOLING CERTIFICATIONS	■	■	■	■	■	■	
U	GOVERNMENT QUALITY ASSURANCE COMPLIANCE	■		■		■		Include all NSN and PN

□ An element may have been covered in the MSAR by the overall statement, if not provide individual data or statements for the additional part number.

CAT III only applies for Critical Application Items (CAI), Not Critical Safety Items (CSI)



# Alternate Source Process Master SAR and SARlites



**Construct the Master SAR for the most critical or complex part**



# Submit Determination



Ensure QR has  
been found.

Begin SAR  
Construction



# SAR Construction and Evaluation



SAR(s), WAIVER(s), OR RE-SUBSTANTIATION (s) packages

- 3 Ring binder or similar product
  - a table of contents and
  - 21 A-U element tabs for the MQRs
  - 26 A-Z element tabs for the RQRs .
  - Significantly reduces the ESA evaluation turn time
  - Reduces oversight or loss.
- Compact Disc (CD) in a .pdf file format.
  - single .pdf file with index to each element or a series of folders for each element.
- Third, Hybrid.
  - Combination of the physical paper and CD with .pdf files.
- Source Approval Request package should include
  - the qualification requirement call out order.
  - Quality Manual and supporting documentation
    - Compact Disc (CD) in .pdf file format.
      - All CDs should be scanned for viruses prior to inserting them in the GOV computer.
- Submitted to:
  - AFSC/SB
  - 3001 Staff Drive, Ste 1AG85A
  - Tinker AFB, OK 73145-3009.



The Offeror shall retain copy until the qualification is expired



# SAR Review Checklist

## LPS Form 815 20160401

(May be adapted to reflect needs)



# Tab A Cover Letter



**All**

- Provide a cover letter with the following information/data:
  - Solicitation No. (if applicable), Contracting Officer POC (if applicable), Engine Type, Company Name, Company CAGE, Address, Company POC, Company Size (Large or Small), QR Identification, Technical Data Proprietary Status, NSNs, PNs, & Nomenclature, Type (Manufacture, Overhaul, Distributor (Manufacture), or Distributor (Overhaul)), SAR Submittal Category, ERRC code (if known), SAR Package Inventory (Binder/Paper, CDs, Electronic or Sample parts) and Disposition.
- State Technical SAR Briefing can be provided upon request.
- If Part & SAR Submitted, State that destruction of all material submitted is allowed or request the return of the SAR Package at the offeror's expense

A. COVER LETTER (MINOR)		Yes	No	N/A
1. Does the cover letter have the data required by the Qualification Requirement?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Does the cover letter match the data presented in the package?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is the Offeror willing to provide a technical briefing?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is the Offeror?	an <input type="checkbox"/> actual manufacturer/repairer (Go to B.)	Or <input type="checkbox"/> dealer/distributor (Go to 5.)		
5. If submitter is a dealer/distributor, does the SAR package include a letter from the actual manufacturer/repairer authorizing the submitter as a distributor?		<input type="checkbox"/> Activate	<input type="checkbox"/> Activate	<input type="checkbox"/>
NOTES & COMMENTS (N&C):				
<input type="checkbox"/> Element IV.A.1. Cover Letter did not have the required data or did not meet the QR Format. <input type="checkbox"/> Element IV.A.4. (Yes) Submitter is an authorized distributor for approved source on 761/762- <input type="checkbox"/> Element IV.A.4. (No) Submitter has not established an authorized distributorship and should not be approved as an actual manufacture or repair source. <input type="checkbox"/> Element IV.A.1. Copy of the Cover Letter. <input type="checkbox"/> Element IV.A.4. Copy of the Authorization Letter for Distributorship.				



# Tab B Technical Data Right Statement



- Provide a certification of rights to use technical data in the format provided in Appendix A, signed on company letterhead by an authorized binding company official.
  - President or Facility General Manager
- The certificate states the data was obtained by legal means and the company has the rights to use the data supplied in the SAR for manufacture/overhaul purposes.
- **NOTE:** This also applies to Government Limited Data
- See QR Appendix A

# All

### TECHNICAL DATA RIGHTS CERTIFICATION LETTER Example

*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

I certify that my company has the legal right to use said technical data to manufacture the below identified part for the United States Government. To the extent that said technical data are marked with a company's proprietary rights or a Government limited rights legend or are otherwise believed to be or have in the past been the proprietary data of another company, the following documents which are attached hereto and made a part of the certification have formed the basis for claiming legal right to use said technical data. Such documentation must clearly cover the data necessary for source approval.

THIS CERTIFICATION CONCERNS A MATTER WITHIN THE JURISDICTION OF AN AGENCY OF THE UNITED STATES AND THE MAKING OF A FALSE, FICTITIOUS, OR FRAUDULENT CERTIFICATION MAY RENDER THE MAKER SUBJECT TO PROSECUTION UNDER THE TITLE 18, UNITED STATES CODE, SECTION 1001.

THIS CERTIFICATION APPLIES TO:  
NSN \_\_\_\_\_ P/N \_\_\_\_\_

**Note:** If SAR package is for multiple NSNs, all NSNs, Part Numbers, Nouns must be listed. The list can be attached to the letter.

(signature) \_\_\_\_\_ (date) \_\_\_\_\_  
(typed or printed name & title)

**This document must be signed by the Company President or Owner.**

<b>B. TECHNICAL DATA RIGHTS CERTIFICATION STATEMENT (TDRCS) (MAJOR)</b>	Yes	No	N/A◇
Technical Data includes Drawings, Technical Orders and Technical Manuals.			
1. Does the TDRCS content match the QR content?	<input type="checkbox"/>	<input type="checkbox"/>	
2. Did the Offeror legally obtain the Technical Data?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Does the Offeror legally have the rights to use the Technical Data?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Was the TDRCS signed by an authorized binding company official?	<input type="checkbox"/>	<input type="checkbox"/>	
NOTES & COMMENTS (N&C):			
<input type="checkbox"/> Element IV.B.1. TDRCS did not match the QR Format. Request TDRCS that complies with format. <input type="checkbox"/> Element IV.B.1. Copy of the TDRCS			

# No Believe



# Tab C Company Brochure



- Provide Company Brochure or Website
- Synopsis outlining the applicant's
  - Process Capabilities
  - Facilities
    - Location
    - Number of buildings
    - Square Footage
  - Experience

C. SUPPLIER'S BROCHURE & CORRESPONDENCE (MINOR)			
1. Does the Offeror have an equipment list?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Does the equipment list show the accuracy, size, capability and precision?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Does the Offeror have the facilities for the necessary processes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Does the Offeror provide a website?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Website:			
6. Are there any special concerns to be noted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):			
<input type="checkbox"/> Element IV.C.1. Copy of the Equipment List			

- Provide an Equipment List
  - Outline Equipment's Accuracy, Size, Capability and Precision



# Tab D Quality Assurance



- Provide Certifications
  - AS 9100, ISO 9001:2008 , NATO AQAP-2070 or equivalent
  - OEM, GOV, or NADCAP significant Industrial Process Certification(s)
  - NDI Level III and Other Professional Certification
  - See QR Appendix B (slide 37)
- Provide Site Survey (SS), if one was conducted by the DoD in the last 36 months, (No additional documentation required) (SS Example on Slide 68)
  - provide a copy of the SS and the Certifications
- Provide Company's Quality Assurance System Manual & all Subordinate Supporting Documentation, if no SS was conducted.
  - Data may be retained
- Format: Electronic (PDF) or Paper

D. QUALITY ASSURANCE DOCUMENTATION (MAJOR) ◇ CRITICAL SAFETY ITEM (Data may be found in SAR Package Tabs Q, & U.) ◇ CRITICAL APPLICATION ITEM				Yes	No	N/A
1. Has a DoD conducted a Site Survey (SS) within the past 3 Years for CSI or 7 years for CAI?				<input type="checkbox"/> Go to 2.	<input type="checkbox"/> Go to 4.	<input type="checkbox"/> Go to 4.
2. DoD SS No.:		Date:				
3. Is the SS Approval Letter current?				<input type="checkbox"/> Go to 17.	<input type="checkbox"/>	<input type="checkbox"/>
4. Has another Service conducted a SS within the past 3 Years for CSI or 7 years for CAI?				<input type="checkbox"/> Go to 5.	<input type="checkbox"/> Go to 6.	<input type="checkbox"/>
5. Which Service?		Reference No.?		Date:		
6. Has a Prime/OEM conducted a SS within the past 3 Years for CSI or 7 years for CAI?				<input type="checkbox"/> Go to 7.	<input type="checkbox"/> Go to 12.	<input type="checkbox"/>
7. Prime/OEM Name?		Audit No.?		Date:		
8. Is a copy of the SS included? (If No, mark 9-11 as N/A)				<input type="checkbox"/>	<input type="checkbox"/> Go to 12.	<input type="checkbox"/>
9. Did the Prime/OEM note any findings?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Was the corrective action (CA) effective?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Are Prime SS results acceptable?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Has a follow up Survey or Pre-Award Survey been conducted?				<input type="checkbox"/> N&C	<input type="checkbox"/>	<input type="checkbox"/>
13. Is the Offeror's Quality Assurance Manual (QAM) provided?				<input type="checkbox"/>	<input type="checkbox"/> Go to 17.	<input type="checkbox"/>
14. QAM TITLE:		Rev:		Date:		
15. Is all QAM referenced documentation (Offeror procedures, etc.) included?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Identify location where each item below is described. (list paragraph or section below)						
a. Personnel training?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Personnel certification?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Equipment maintenance?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Equipment calibration?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Material control?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Tooling control?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Technical Data control?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Sub-Tier Supplier control?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Traveler development and control?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. POS development and control?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Stamp control and personnel accountability?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Does the Offeror hold any of the following High Level Quality Standard Certifications? <input type="checkbox"/> AS 9100C, <input type="checkbox"/> ISO 9001:2008, <input type="checkbox"/> ANSI/ASQ E4, <input type="checkbox"/> NATO AQAP-2070, <input type="checkbox"/> NADCAP, <input type="checkbox"/> ISO/IEC 17025				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. ISO / AS Certificate:				Exp Date:		
b1. NADCAP Certificate:		Process:		Exp Date:		
b2. NADCAP Certificate:		Process:		Exp Date:		
b3. NADCAP Certificate:		Process:		Exp Date:		
b4. NADCAP Certificate:		Process:		Exp Date:		
c. ISO/IEC 17025 Certificate:				Exp Date:		
NOTES & COMMENTS (N&C):						
<input type="checkbox"/> Element IV.D.1. (No) DoD Site Survey was not provided, determine if required. If required notify SAR Evaluation Team to send Self-Assessment Checklist to Potential Source. <input type="checkbox"/> Recommended <input type="checkbox"/> Element IV.D.3. Copy of the Site Survey or Approval Letter. <input type="checkbox"/> Element IV.D.13. Copy of the High Level Quality Standard Certification. (i.e. ISO 9001, AS 9100, etc.)						



# Tab E Subject Drawings/Tech Data

## Part 1: Manufacturing



- Provide a DD Form 2345
- For Government Provided Technical Data
  - Provide a Technical Data List (EDL)
  - Provide all Drawings (Complete and Readable) (First Page of Gov. Provided Documents)
    - Inspection and Inspection Intervals
    - Manufacture or Alternate (if applicable)
    - Must cover the Measurement Units
    - Assemble and Test (if applicable)
  - or Copy of the Sales Receipt detailing purchase
- For Proprietary Technical Data.
  - If proprietary data can be submitted, provide EDL and the latest legible revision of all technical data
  - If proprietary data cannot be provided,
    - submit licensing agreement or ownership statement
    - a statement declaring that the data cannot be submitted and that the licensing agreement or ownership statement ensures the most current data will be used to perform the required work,
    - a copy of the title page.
      - The images may be redacted to only reveal the technical data number, title, revision and proprietary statement.
- Provide a Special Tooling Statement

E. SUBJECT ITEM DRAWINGS: (MAJOR)	◇ CAT I	◇ CAT II	Yes	No	N/A◇
<b>1. Subject Item Drawings (Manufacturing QR Only)</b>					
<b>a. Drawing Package:</b>					
1) Is this a Manufacturing SAR?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Go to E.2	<input type="checkbox"/>
2) Is DD Form 2345 with valid expiration date included?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Is a current Engineering Data List (EDL) included? ◇ EDL Available, N/A if 761 EDL Req block is marked No.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Are all drawings legible? (If No, list drawings/sheets/frames required in N&C.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> N&C	<input type="checkbox"/>
5) Are the drawings for the latest revision? (Check JEDMICS for comparison)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Are all drawings sheets/frames included?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Are all forgings and/or casting drawings included?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Are any drawings marked "SOURCE CONTROLLED"?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Are any drawings marked "SPECIFICATION CONTROL"?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>b. Raw Material:</b>					
Does the Subject Item drawing or Technical Data identify raw or spare materials? If Yes, List Raw Material (Specification Number, Title and Revision) in N&C.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>c. Item Dimensions:</b>					
Are there any critical dimensions marked on the drawing? (If Yes, list in N&C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>d. Special Tooling (ST): Ensure the 761 ST/STE Required Block matches answer d.1.</b>					
1) Is there any ST required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Go to e.	<input type="checkbox"/>
2) Are ST drawings available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Is the ST available to the proposed Offeror?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Is the ST owned by the proposed Offeror?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Does the proposed Offeror have use rights for the ST from the Prime?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Will the proposed Offeror build ST?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>e. Proprietary Data:</b>					
1) Does the SAR package contain proprietary data statements or markings? ** (If Yes, list in N&C and Activate notification.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Go to E.2	<input type="checkbox"/>
2) Is a proprietary data owner statement provided that authorizes use of the data?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
**This is a non-technical issue which the ESA will resolve before contract award. (See Element B.)					
NOTES & COMMENTS (N&C):					
Element IV.E.1.b. Enter Raw Material: Additional Comments:					
<input type="checkbox"/> Element IV.E.1.a.3. Engineering Data Listing (EDL) was not included in SAR Package. <input type="checkbox"/> Element IV.E.1.e.1. Proprietary data was found. License agreement must be maintained and cited in approval letter. <input type="checkbox"/> Element IV.E.1.a.2. Copy of DD Form 2345 if provided. <input type="checkbox"/> Element IV.E.1.e.2. Copy of proprietary data owner statement.					



# Tab E Subject Drawings/Tech Data

## Part 2: Repair



- Provide a DD Form 2345
- For Government Provided Technical Data
  - Provide a Technical Data List (RDL)
  - Provide all Technical Orders (Complete and Readable)
  - First Page of the Gov. Provided Documents
    - Inspection and Inspection Intervals
    - Repair or Alternate (if applicable)
    - Must cover the Measurement Units
    - Assemble and Test (if applicable)
  - or Copy of the Sales Receipt detailing purchase
- For Proprietary Technical Data.
  - If proprietary data can be submitted, provide RDL and the latest legible revision of all technical data
  - If proprietary data cannot be provided,
    - submit licensing agreement or ownership statement
    - a statement declaring that the data cannot be submitted and that the licensing agreement or ownership statement ensures the most current data will be used to perform the required work, a copy of the title page.
      - The images may be redacted to only reveal the technical data number, title, revision and proprietary statement.
- Provide a Special Tooling Statement

E. SUBJECT ITEM TECHNICAL DATA: (MAJOR)		◇ CAT I	◇ CAT II	Yes	No	N/A◇
2. Technical Data (Repair QR Only)						
a. Technical Data Review:						
1) Is this a Repair SAR?		<input type="checkbox"/>	<input checked="" type="checkbox"/> Go to F.	<input type="checkbox"/>		
2) Is DD Form 2345 with valid expiration date included?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3) Is a current Repair Data List (RDL) included? ◇ RDL Available, N/A if 762 Block 21 states No Data.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4) Is the first page of all Technical Data or Commercial Manual provided?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5) Are the first pages of the subordinated work package(s) provided?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6) Is the repair Technical Data the latest revision?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7) Is the Technical Data legible? (If No, list drawings/sheets/frames required in N&C.)		<input type="checkbox"/>	<input type="checkbox"/> N&C			
8) Are all of the repair procedures included?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
b. Raw Material:						
Does the Technical Data identify raw or spare materials necessary to complete the repair? If Yes, List Raw Material (Specification Number, Title and Revision) in N&C.		<input type="checkbox"/> N&C	<input type="checkbox"/>	<input type="checkbox"/>		
c. Item Dimensions:						
Are there any critical dimensions marked on the Technical Data? (If Yes, list in N&C)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
d. Special Tooling (ST): Ensure the 762 line 19 ST/STE Required Block matches answer d.1.						
1) Is there any ST required?		<input type="checkbox"/> N&C	<input checked="" type="checkbox"/> Go to e.	<input type="checkbox"/>		
2) Are ST drawings available?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3) Is the ST available to the proposed Offeror?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4) Is the ST owned by the proposed Offeror?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5) Does the proposed Offeror have use rights for the ST from the Prime?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6) Will the proposed Offeror build ST?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
e. Proprietary Data:						
1) Does the SAR package contain proprietary data statements or markings? ** (If Yes, list in N&C and Activate notification.)		<input type="checkbox"/> Activate	<input checked="" type="checkbox"/> Go to F.	<input type="checkbox"/>		
2) Is a proprietary data owner statement provided that authorizes use of the data?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
**This is a non-technical issue which the ESA will resolve before contract award. (See Element B.)						
NOTES & COMMENTS (N&C):						
Element IV.E.2.b. Enter Raw Material: Additional Comments:						
<input type="checkbox"/> Element IV.E.2.a.3. Repair Data Listing (RDL) was not included in SAR Package. <input type="checkbox"/> Element IV.E.2.e.1. Proprietary data was found. License agreement must be maintained and cited in approval letter. <input type="checkbox"/> Element IV.E.2.a.2. Copy of DD Form 2345 if provided. <input type="checkbox"/> Element IV.E.2.e.2. Copy of proprietary data owner statement.						



# Significant Industrial Processes

## QR Appendix B



- Certifications

- Significant Industrial Process Certification(s)
  - OEM,
  - GOV for the Process not Parts,
  - NADCAP
- NDI Level III
  - Other Professional Certification

5 July 2016

MQR-PSD-1  
Basic

### APPENDIX B SIGNIFICANT INDUSTRIAL PROCESSES

The following examples are typical processes considered significant in that they are capable of producing alterations to material structures, mechanical properties and ultimately, item reliability, if performed improperly and cannot normally be evaluated without destructive testing.

#	SIGNIFICANT INDUSTRIAL PROCESSES	NADCAP
1	Casting Processes	NA
2	Forging Processes	NA
3	Other Forming Processes	NA
4	Disassembly Procedures	NA
5	Blending/Reworking	NA
6	Heat Treatment and Surface Hardening Processes	7102
7	Brazing	7102
8	Chemical Processes: Chemical Cleaning, Anodizing, Conversion/Phosphate Coatings, Paint/Dry Film Coatings, Stripping, Chemical Milling, Surface Treatment/Passivation and Etching (Nitral/Pre-Penetrant/Temper/Macrostructure/Blue Etch Anodize)	7108
9	Metal Electroplating (Plating) Processes	7108
10	Coating Processes:	7109
10a	Plasma Spray	7109
10b	Wire Spray	7109
10c	HVOF	7109
10d	Diffusion Coatings	7109
11	Welding/Fusion	7110
12	Non-Destructive Inspections:	7114
12a	Visual Inspection	7130*
12b	Fluorescent Penetrant	7114
12c	Magnetic Particle	7114
12d	Eddy Current	7114
12e	Ultrasonic	7114
12f	Radiography	7114
12g	Laser Holography	NA
13	Electrochemical Machining Processes (Cavity Sinking, Drilling, Grinding, etc.)	7116
14	Electro-Discharge Machine	7116
15	Electro-Spasm Drilling	7116
16	Laser Beam Metal Removal Processes	7116
17	Electron Beam Processes	7116
18	Blasting Processes:	7117
18a	Aluminum Oxide	7117
18b	Silicon Carbide	7117
18c	Plastic Bead	7117
18d	Glass Bead	7117
19	Peening Processes	7117
20	Soldering	7120
21	Broaching	7126
22	Grinding	7126
23	Drilling, Reaming and Boring	7126
24	Milling	7126
25	Finish Turning	7126
26	Surface Finishing Processes:	7126
26a	Honing	7126
26b	Sutton Barrel	7126
27	Dimensional Inspection/Tolerancing	NA
28	Water-Jet Stripping	NA
29	Assembly Procedures	NA



# Tab F Specifications



- For CAT I & III (Subject), provide a complete list of the applicable specifications identified on the subject item manufacture technical data and a copy of the title page of the latest revision of each specification.
- Provide Applicable Specifications Listing (Readable First Page)
  - Identified on the subject item technical data or drawings
  - Copy of the title page of the latest revision
- For CAT II, (Similar)
- Applicable Specifications Listing (Readable First Page)
  - Identified on the similar item technical data or drawings
  - Copy of the title page of the latest revision
- For Internal Specifications (Entire Copy)

F. ITEM SPECIFICATIONS: (MAJOR)																																																																																																							
1. Subject Item:	Yes	No	N/A																																																																																																				
a. Check all <input type="checkbox"/> NADCAP and <input type="checkbox"/> Non-NADCAP Processes referenced in Technical Data in table below.																																																																																																							
b. List all Subject Item specifications referenced in Technical Data in table below.																																																																																																							
c. Are all Prime/OEM/Commercial specifications (cover page only) included?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																																				
d. Are all Non-Prime specifications in their entirety included?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																																				
e. Are all applicable specifications for all sub-assemblies included?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																																				
f. Are any processes controlled by specification or Technical Data? (If Yes, list below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																																				
<table border="0"> <thead> <tr> <th>Process</th> <th>Specification</th> <th>Process</th> <th>Specification</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Casting</td> <td></td> <td><input type="checkbox"/> Chemical Milling</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Forging</td> <td></td> <td><input type="checkbox"/> Electro-Discharge Machining</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Other Forming</td> <td></td> <td><input type="checkbox"/> Electro-Stream Drilling</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Disassembly</td> <td></td> <td><input type="checkbox"/> Laser Beam Metal Removal</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Chemical Processes</td> <td></td> <td><input type="checkbox"/> Broaching</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Blasting</td> <td></td> <td><input type="checkbox"/> Blending/Reworking</td> <td></td> </tr> <tr> <td>  <input type="checkbox"/> Aluminum Oxide</td> <td></td> <td><input type="checkbox"/> Welding/Fusion</td> <td></td> </tr> <tr> <td>  <input type="checkbox"/> Silicon Carbide</td> <td></td> <td><input type="checkbox"/> Electron Beam</td> <td></td> </tr> <tr> <td>  <input type="checkbox"/> Plastic Bead</td> <td></td> <td><input type="checkbox"/> Brazing</td> <td></td> </tr> <tr> <td>  <input type="checkbox"/> Glass Bead</td> <td></td> <td><input type="checkbox"/> Soldering</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Water-Jet Stripping</td> <td></td> <td><input type="checkbox"/> Heat Treatment &amp; 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Additional Comments:																																																																																																							

Data Rules from  
Element E Apply



# Tab G Sub-Tier Supplier (STS)



If No Sub-Tier suppliers are used, then provide a statement that all work is performed in house. (Question 1)

- Sub-Tier Suppliers provide the Matrix below
- **Provide a copy of STS's AS 9100, ISO 9001:2008 , NATO AQAP-2070 or equivalent certificate**
  - Raw material (castings and forgings)
    - Currently approved by the OEM or ESA or
    - Provide a rationale proving to the ESA that the casting or forging source is capable of manufacturing the replacement part to the equivalent or better to OEM or ESA quality standards
  - Significant Processes Listed in Appendix B (Slide 37)
    - Denoted as critical or non-critical
    - Names and addresses
    - State OEM, **NADCAP** or DoD approved, if required
      - Submit official OEM, NADCAP or DoD significant industrial process certification
  - Non-OEM or government whole part manufacturer/repair STS
    - Submit complete SAR Package for the repair source
  - Assembly (Government Approval Required)
  - For STS providing proprietary industrial process support, provide a letter of support, capability and an expiration date.

G. SUB-TIER SUPPLIER (STS) (SUB-VENDOR) INFORMATION: (MAJOR)			Yes	No	N/A		
1. Were Sub-Tier suppliers used for manufacture or repair?			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2. If STS are used for manufacture or repair, enter data below: (Select all that apply)			Certifications or Approval (Expiration Date)				
CAGE	STS Name	Specification/Process	Prime /OEM	DoD	NADCAP	AS9100	ISO 9001 :2008+
NOTES & COMMENTS (N&C):							
<input type="checkbox"/> Element IV.G.1. Copy of the Sub-Tier Suppliers List (Scan and upload separately)							



# Tab H Quality History



- State if there is no quality history, else
- Provide a summary of all deficiency experienced & MRB actions for past **36 months for all items**
  - P/N, Noun, Feature, Deficiency, Quantity, Date & Corrective Action History
- Provide a summary of (including but not limited to) internal deficiencies, commercial deficiencies, FAA Service Bulletins, MRB items, Quality Reports & scrap rates
- Provide **STS's Deficiency Report Summary for the ALL items for the past 36 months**
- Provide STS CAR, CAP and implementation schedules when applicable, on previous contracts

H. QUALITY HISTORY: (MAJOR)	Yes	No	N/A◇
1. Was a summary of Deficiency Reports for the CAGE provided for the past 36 months?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Was a summary of Deficiency Reports for the STS provided for the past 36 months?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Was a summary of Deficiency Reports for the Similar Item provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is a summary of other quality history provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Was corrective action for the deficiencies implemented? (If Yes, list corrective actions in N&C.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Have there been any major quality problems with item(s)? (If Yes, list in N&C)	<input type="checkbox"/>	<input type="checkbox"/>	
7. Evaluate summary of QA Deficiency Reports and note any concerns in N&C.			
NOTES & COMMENTS (N&C):			
○ Element IV.H.1 & 2 Copy of the Deficiency Report History for all items.			



# Tab I Similar Tech Data & Drawings

## For Category II SARs Only



- (Same requirement as Element E, but for the Similar part Number(s))
  - Provide all technical data or drawings required
    - Inspect and inspection intervals
    - Manufacture or Repair
    - Assembly
    - Test

<b>I. SIMILAR ITEM DRAWINGS OR TECHNICAL DATA: (CAT II) (MAJOR)</b>		◇ ◇ If On, Go to K.		
<b>1. Drawing Packages: (Print 761 and EDL if available)</b>		Yes	No	N/A◇
a. Is this a Manufacturing SAR?		<input type="checkbox"/>	<input checked="" type="checkbox"/> Go to 2.	<input type="checkbox"/>
b. Is a current EDL for similar item included? Mark N/A if 761 EDL Req block is marked No.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Are all drawings legible? (If No, list drawings/sheets/frames required in N&C)		<input type="checkbox"/>	<input type="checkbox"/>	
d. Are the drawings the latest revision? (If available, check JEDMICS for comparison)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Are all drawings sheets/frames included?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Are all forgings and/or casting drawing included?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Are any drawings marked "SOURCE CONTROLLED"? (If Yes, list in N&C.)		<input type="checkbox"/>	<input type="checkbox"/>	
h. Are any drawings marked "SPECIFICATION CONTROL"? (If Yes, list in N&C.)		<input type="checkbox"/>	<input type="checkbox"/>	
<b>2. Repair Technical Data Package: (Print 762 and RDL if available)</b>				
a. Is this a Repair SAR?		<input type="checkbox"/>	<input checked="" type="checkbox"/> Go to 3.	<input type="checkbox"/>
b. Is a current RDL included? Mark N/A if 762 Block 21 states No Data.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Is the first page of all Technical Data or Commercial Manual provided?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Are the first pages of the subordinated work package(s) provided?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Is the repair Technical Data the latest revision?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Are all of the repair procedures included?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>3. Raw Material:</b>				
Does the Similar Item drawing or Technical Data identify raw materials? (If Yes, List Raw Material (Specification Number, Title and Revision) in N&C.)		<input type="checkbox"/> N&C	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):				
Element IV.I.3. Enter Raw Material: Additional Comments:				



# Tab J Comparison Chart

## For Category II SARs Only



- Provide Comparison Charts
  - Materials (Specification & Coatings)
  - Design (Size & Dimensional Tolerancing)
  - Industrial Processes and
  - Operating Environment
- The preferred method is a comparison matrix

<b>J. SIMILARITIES/DIFFERENCES OF SUBJECT/SIMILAR ITEMS:(CAT II) (MAJOR)</b>	◇ ◇ If On, Go to K.		
At least one Similar Item(s) must comply with question 1 thru 9 below. (If No, explain in N&C.)	Yes	No	N/A
1. Are the items similar in size/shape?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Are the items made of the same material? (Compare data from Element E. & I.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Do the items have similar functions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Do the items operate in similar environments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Do the items require similar Inspection processes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Do the items require similar Manufacturing/ROMM processes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Is the Similar item(s) surface finish equal to or better than the finishes of the Subject Item?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Are Similar item(s) Drawings or Technical Data tolerances equal to or tighter than the tolerance requirements for the Subject Item?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Does the Similar Item have any extra processes that the Subject Item does not have?	<input type="checkbox"/> Activate	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):			
<input type="checkbox"/> Element IV.J.9. The Similar Item has extra processes that need to be evaluated by Engineering for possible inclusion into the subject or other repair Technical Data.			
<input type="checkbox"/> Element IV.J.1-6. Copy of the Similarities Matrix if provided.			



# Tab K Purchase Order & Shipping

## Same as Element L and M



- If the product or repair has never been provided, state it
- Provide at least one purchase order (PO)
  - Within 36 months for CSI and 84 months for CAI for item(s) submitted
  - **Remove financial \$\$ information and Circle dates**
  - Provide any contract amendments from the commercial customer(s) (CC)
  - Cat I or II, Provide PO from the Prime, OEM, Gov't, Foreign Gov't, or CC
  - Cat III, provide at least one PO & Shipping documents (if applicable)
    - **If you have never provided the item or the repair to any customer, identify this in the SAR package.**
    - Commercial customers or OEM sales Shipping documents should account for all contracted items
- If a contract was terminated, state the termination reason(s)
- The PO should match the part number in the contract(s) list in Element L and M

<b>K. PURCHASE ORDERS &amp; SHIPPING DOCUMENTS: (MAJOR)</b> (◇ CAT III N/A if On)	Yes	No	N/A
◇ CRITICAL SAFETY ITEM      ◇ CRITICAL APPLICATION ITEM			
1. Was all financial data removed from documents provided in SAR Package? <input type="checkbox"/> \$\$\$	<input type="checkbox"/>	<input type="checkbox"/> Activate	<input type="checkbox"/>
2. Was a complete copy of the Purchase Order (PO) and latest amendment provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Was the PO completed within the last 36 months for CSIs or 84 months for CAIs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Was a copy of Shipping Documents provided?      Date:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Was the item shipped to a Prime contractor, OEM, Government, or Commercial Customer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Was the order completed and not terminated?	<input type="checkbox"/>	<input type="checkbox"/> N&C	<input type="checkbox"/>
7. Is the part on the PO the same as the part that was shipped?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):			
<input type="checkbox"/> Element IV.K.1. Financial Data was observed. SB and/or DLA should remove financial data prior to passing to Engineering. <input type="checkbox"/> Element IV.K.2. Copy of the Purchase Order (PO) for all items with the Date and NSN (if purchased by Government).			



# Tab L Travelers & Process Operation Sheets(POS)

Same as Element K and M



- Provide Actual Supplier's complete detailed step-by-step procedural account (Travelers)
  - NAME and CAGE on Top of Each Page
  - For All Part Numbers Processes
  - Proper processing sequence
  - Operation No., description, tolerance (specification), location, STSs, software data file name, etc.
  - Requiring in-process operator or inspector buy off and documentation of the actual measures
- Provide detailed proposed/actual op sheets for Traveler(s) process that require them

Frozen for All CSI

L. TRAVELERS & PROCESS/OPERATION SHEETS (POS): (MAJOR)	◇ CAT II	Yes	No	N/A
1. Does the traveler clearly document the Subject Item process flow?		<input type="checkbox"/>	<input type="checkbox"/>	
2. Are all POS included? (Travelers or Routers alone are NOT sufficient)		<input type="checkbox"/>	<input type="checkbox"/>	
3. Are the POS(s) complete?		<input type="checkbox"/>	<input type="checkbox"/>	
4. Do POS dimensions comply with drawing dimensions?		<input type="checkbox"/>	<input type="checkbox"/>	
5. Were the POS and/or travelers written by proposed Offeror?		<input type="checkbox"/>	<input type="checkbox"/>	
a. Are the proposed Offeror's name and CAGE on top of every page?		<input type="checkbox"/>	<input type="checkbox"/>	
b. Are STS identified by name and CAGE in each applicable operation?	STS USED <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Do STS steps clearly identify process or procedure?	STS USED <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Do POS give detailed dimensions, callout specific drawing references and/or include operation sketches as called out?		<input type="checkbox"/>	<input type="checkbox"/>	
e. Are the operations detailed and in the proper sequence?		<input type="checkbox"/>	<input type="checkbox"/>	
f. For assemblies:				
1) Are the sub-components included in the SAR Package?		<input type="checkbox"/>	<input type="checkbox"/> Go to 6.	<input type="checkbox"/>
2) Are sub-component or SPADS STS identified?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. For CAT II, are proposed Subject Item POS included? (Applicable if CAT II Diamond is on).		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Does the proposed Offeror control the special processes required of the item?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):				
○ Element IV.L.1. Copy of the first page of travelers (Scan and upload separately)				



# Tab M Repair Process Sheet (RPS) & Inspection Method Sheets (IMS)



- Provide the RPS & IMS for all parts submitted
  - Nomenclature, part number, characteristics inspected, special instructions, zone, tolerances and actual measurements, inspection tooling/method, frequency and inspector's stamp
- Category II, provide the completed RPS and IMS with the data for the similar item(s).
- RPS and IMS may be included as an integral part of the POS/OP sheets in Element L
- The data for the same items provided in SAR Elements K & L

M. INSPECTION METHOD SHEETS (IMS): (MAJOR)	Yes	No	N/A◇
1. Are complete IMS included? (If No, explain any concerns in N&C.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Is the part on the IMS the same as the part that was shipped in Element K?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Are the IMS detailed and in the proper sequence?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Do IMS dimensions match drawing or Technical Data dimensions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Can actual measurements be recorded next to drawing or Technical Data dimensions on the IMS? (If No, list findings in N&C).	<input type="checkbox"/>	<input type="checkbox"/> N&C	<input type="checkbox"/>
6. Does the IMS call out the units of measure?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Are units of measure on the IMS the same as on the drawing or Technical Data?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Does the Offeror adequately document inspections on the IMS?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Are the proposed Offeror's name and CAGE on top of every page?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>10. Production Statistical Process Control (SPC)</b>			
a. Does the Offeror use 100% inspection?	<input type="checkbox"/> Go to N.	<input type="checkbox"/>	<input type="checkbox"/>
b. Does the Offeror provide a SPC plan/schedule for the subject item? (If Yes, Activate notification in N&C.)	<input type="checkbox"/> Activate	<input type="checkbox"/>	<input type="checkbox"/>
c. Is the SPC plan ESA approved? (If No, explain in N&C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):			
<input type="checkbox"/> Element IV.M.10.c. SPC Plan/Schedule has not been approved, determine if allowed. If approved, SPC plan/schedule and any required actions must be included in the approval letter. <input type="checkbox"/> Approval Recommended <input type="checkbox"/> Element IV.M.1. Copy of the IMS for all items. <input type="checkbox"/> Element IV.M.10.b. Copy of the SPC Plan/Schedule.			

Frozen for All CSI



# Tab N Quality Rating System Report



- If no quality rating is available, state as such
- If no rating from the subject part prime contractor/OEM is available, alternate quality ratings from another prime contractor and/or OEM should be submitted.
- Provide the proposing offeror's prime contractor or OEM quality system report or rating for the item submitted

N. PRIME CONTRACTOR'S QUALITY RATING SYSTEM REPORT: (MINOR)	Yes	No	N/A
1. Was a Prime/OEM Quality Rating provided? (If No, explain any concerns in N&C.)	<input type="checkbox"/>	<input checked="" type="checkbox"/> <small>Go to O.</small>	<input type="checkbox"/>
2. Is the submitted Quality Rating from the past 12 months? (If Yes, provide Prime/OEM Name, Score & Date below.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Name: _____ Score: _____	Date: _____		
4. Is the rating satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Does the rating show any negative trends? (If Yes, explain any concerns in N&C.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):			
Reference Only: For GE Parts, Rating Report may be found by the submitter: <a href="https://www2.supplychainwebcenter.com/sprofile/fw/jsp/appcont.jsp">https://www2.supplychainwebcenter.com/sprofile/fw/jsp/appcont.jsp</a>			



# Tab O Licensee Agreement

Applies to ASMC/RMSC Codes: D, N, P, R, S, V\* and Z



- Provide the Licensee Agreement (LA), if required
- Supplier should ensure the LA allows for the data to be used for SAR submittal
- Provide copy of LA between the proposed contractor and data rights holder for all parts affected
- If a copy of LA cannot be provided, provide a statement summarizing the LA and if it is required to perform the processes
  - At a minimum provide, a redacted portion of LA showing the details of MRB activity, data rights, configuration control, and source control.

<b>O. LICENSE AGREEMENT (LA): (MAJOR)</b>	Proprietary Data <input type="checkbox"/> <input type="checkbox"/>	Yes	No	N/A
1. Was a Licensee (Offeror's) LA referenced as a basis for approval? (If Yes, requires reference of LA on Approval letter)		<input type="checkbox"/>	<input checked="" type="checkbox"/> Go to P.	<input type="checkbox"/>
2. Will the Prime/OEM retain configuration control of the item?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Does the LA describe the Prime/OEM technical support that will be provided?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is the Licensee required to purchase only from Prime/OEM approved Suppliers?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Will the Prime/OEM provide support in case of a mishap involving a licensed item?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Is the Prime/OEM required to approve Class I ECPs and major deviations/waivers?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Is the Prime/OEM required to approve Class II ECPs and minor deviations/waivers?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Does the Licensee Agreement delegate MRB authority? (If Yes, provide details in N&C)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):				
○ Element IV.O.1. Copy of the Offeror's LA Statement (Approval letter must cite the LA).				

**For Proprietary Data Only**



# Tab P Prime/OEM Value Added



- Provide Statement Identifying any value added provided by the Prime/OEM for item(s)
- Value added is considered any action, manufacture/repair or inspection process, data, instructions, or equipment that is essential to the manufacture/repair of the item, but is not documented in the data package
  - Sub-Tier suppliers qualification of significant industrial processes for an item should be listed

<b>P. VALUE ADDED (BY PRIME OR OEM): (MINOR)</b>	Yes	No	N/A <input type="checkbox"/>
1. Did the Offeror provide an OEM value added statement?	<input type="checkbox"/>	<input type="checkbox"/>	
2. Did the Offeror list any value added that the prime or OEM provides? (Explain any concerns in N&C).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p style="text-align: center;">NOTES &amp; COMMENTS (N&amp;C):</p> <p><input type="checkbox"/> Element IV.P.1. Copy of the Value Added Statement</p>			



# Tab Q Gov't/Prime Site Surveys

- If no site survey was conducted, state as such
- Provide a copy of the latest Site Survey, Audit report or Acceptance Letter for the past seven years
  - Performed by a DoD, OEM or NADCAP
  - Survey Report (survey, findings, and corrective actions)
  - Technical evaluations of the offeror's capability, quality assurance procedures, industrial resources, material purchasing, and Sub-Tier supplier controls

**Evaluated in Element D**

~~Q.-GOVERNMENT/PRIME CONTRACTOR SURVEYS:-(See Element D.) → Left Intentionally Blank~~



# Tab T Master Tooling Certification



- State if no master tooling or **calibration** is required
- Provide certification of access to and the right to use any required master tooling, special tooling/test equipment, Mylars (stable base drawings), glass layout and loft data/contour data required
- Provide proof of calibration for all equipment/tooling requiring it

## Calibration (All) & Master Tooling (AMSC M Mostly)

T. MASTER TOOLING CERTIFICATIONS: (MAJOR)	Yes	No	N/A◇
1. Is an equipment calibration schedule provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Does the calibration schedule include P/N, S/N, location and date of expiration?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is any master tooling required?	<input type="checkbox"/> N&C	<input checked="" type="checkbox"/> Go to U.	<input type="checkbox"/>
4. Does the Offeror possess or have access to the master tooling? (Explain any concerns in N&C.)	<input type="checkbox"/> N&C	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):			
○ Element IV.T.1. Copy of the calibration schedule			



# Tab U Govt Quality Assurance Compliance



- Provide a statement that the offeror will comply
  - With all government imposed quality assurance provisions for the subject item
  - Testing requirements, etc. as identified in the solicitation or contract
- Combined with Tab D

<b>U. GOVERNMENT QUALITY ASSURANCE COMPLIANCE: (MAJOR)</b>	Yes	No	N/A <input type="checkbox"/>
1. Can the offeror comply with all quality assurance provisions and testing requirements as listed in the solicitation/contract? Explain any concerns below in N&C.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):			



# Tab AA ESA/OEM APPROVAL LETTER



Provide a copy of the ESA/OEM approval letter or certificate with the expiration or issuance date circled.

<b>AA. ESA/OEM APPROVAL LETTER: (MAJOR)</b>				◇ Waiver Only		
				Yes	No	N/A
1. Has an approval letter been provided from either Government ESA or OEM?				<input type="checkbox"/>	<input type="checkbox"/> Go to AB.	<input type="checkbox"/>
2. ESA or OEM?		Reference No.?		Date:		
NOTES & COMMENTS (N&C):						
○ Element IV.AA.1. Copy of the Approval Letter						



# Tab AB Novation Letter



Provide a copy of the novation letter submitted to the PCO for the given NSN.

<b>AB. NOVATION LETTER: (MAJOR)</b>				◇ Waiver Only		
1. Did the Potential Source submit a Notification Letter to the PCO assuming contractual responsibility?				Yes	No	N/A
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Previous Company		CAGE Code		Date:		
NOTES & COMMENTS (N&C):						
○ Element IV.AB.1. Copy of the Notification Letter.						



# Submit Determination



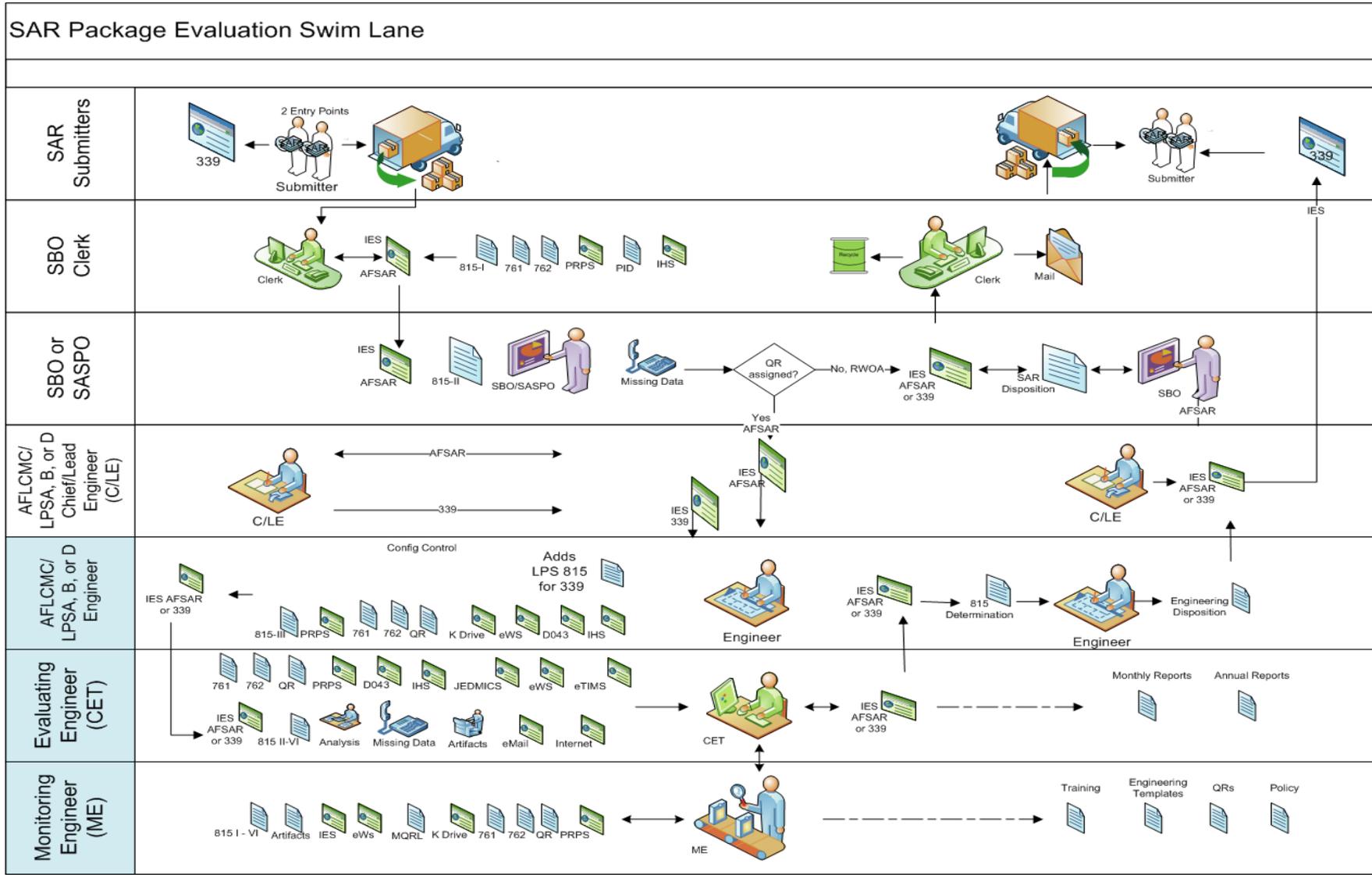
Ensure SAR was created to the QR, not AFMCI 23-113.

Check the SAR Completeness and Order.

Submit SAR



# SAR Evaluation Swim Lanes







# Non-Technical SAR Review



## LPS 815 Element 2

- Small Business Office (SBO) or Strategic Alternate Source Program Office (SASPO)
  - Ensures QR has been issued
  - Conducts NTR (Inventory Control)
  - Ensures that all required data is present (Quantitative)
  - Requests Missing data

II.A. AFMCI 23-113 SAR NON-TECHNICAL REVIEW						
Elements (Tabs)	SAIB N/A	N/A	◇ CAT I	◇ CAT II	◇ CAT III	Missing Data
A. Cover Letter		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Technical Data Rights Certification Statement (TDRCS)	◇	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Supplier Brochure & Correspondence		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Quality Assurance Documentation		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. Subject Item Drawings or Technical Data		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. Item Specifications		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. Sub-Tier Supplier (Sub-Vendor) Information		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. Quality History	◇	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. Similar Item Drawings or Technical Data		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
J. Similarities/Differences of Subject/Similar Items		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
K. Purchase Orders & Shipping Documents <input type="checkbox"/> \$\$\$		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
L. Travelers & Process/Operations Sheets (POS)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
M. Inspection Method Sheets (IMS)	◇	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N. Prime Contractor's Quality Rating System Report	◇	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
O. License Agreement		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P. Value Added (By Prime or OEM)	◇	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q. Government / Prime Contractor Surveys	◇	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T. Master Tooling Certifications	◇	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U. Government Quality Assurance Compliance	◇	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disposition: Forward to Engineering for Evaluation? Forward if all CAT blocks are highlighted, else request missing data from submitter prior to forwarding to Engineering. Document all actions in N&C.					<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Enter Time in Element VII						
NOTES & COMMENTS (N&C): (Check All that Apply)						
<input type="checkbox"/> Element II.A. Missing Data has been requested from Submitter via Email or telephone and the data was not provided. <input type="checkbox"/> Element II.A. SAR Package must follow the established format; future failure will result in SARs returned without action. <input type="checkbox"/> Element II.A. Return Without Action, SAR format was not followed. <input type="checkbox"/> Element II.A. Financial Data was observed. SB and/or DLA should remove financial data prior to passing to Engineering.						

◇ Front Page Selection ○ Required □ Optional

(◆●■ ON) (◇○□ OFF)

◇ Front Page Selection ○ Required □ Optional



# Non-Technical Waiver Review

- Small Business Office or Strategic Alternate Source Program Office
  - Ensures QR has been issued
  - Conducts NTR (Inventory Control)
  - Ensures that all required data is present (Quantitative)
  - Requests Missing data
  - Returns Package to Submitter or Forwards to Engineering

## LPS 815 Element 2

II.B. AFMCI-23-113 WAIVER REVIEW → CAT-I → CAT-II → Waiver									
Qualification Waiver Criteria (QWC): No waivers apply to RQR-PSD-2 phase 2 Source Demonstration. Elements required for QWC7 are determined on a case-by-case basis by the ESA based on Requirements.									
Elements(Tabs)	CSI	N/A	QWC1	QWC2	QWC3	QWC4	QWC6	QWC7 Others	Missing Data
A. Cover Letter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
B. Technical Data Rights Certification Statement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
C. Supplier Brochure & Correspondence (Tooling List Only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
D. Quality Assurance Documentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
G. Sub-Tier Supplier (Sub-Vendor) Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
H. Quality History	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
J. Similarities/Differences of Subject/Similar Items	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
K. Purchase Orders & Shipping Documents <input type="checkbox"/> \$\$\$	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
L. Process/Operations Sheets & Travelers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
M. Inspection Method Sheets (IMS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
N. Prime Contractor's Quality Rating System Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
O. License Agreement, If Applicable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Q. Government/Prime Contractor Surveys	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
T. Master Tooling Certifications	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
U. Government Quality Assurance Compliance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
AA. ESA/OEM Approval Letter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
AB. Novation Letter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Waiver			CSI						
Disposition: Forward to Engineering for Evaluation? Forward if all QWC blocks are highlighted, else request missing data from submitter prior to forwarding to Engineering. Document all actions in N&C.								Yes <input type="checkbox"/>	No <input type="checkbox"/>
Enter Time in Element VII									
NOTES & COMMENTS (N&C): (Check All that Apply)									
<input type="checkbox"/> Element II.b. Missing Data has been requested from Submitter via Email or telephone and the data was not provided. <input type="checkbox"/> Element II.b. Waiver must follow the established format; future failure will result in waivers returned without action. <input type="checkbox"/> Element II.b. Return Without Action, Waiver format was not followed. <input type="checkbox"/> Element II.b. Financial Data was observed. SB and/or DLA should remove financial data prior to passing to Engineering. <input type="checkbox"/>									



# SAR Evaluation



## LPS 815 Element 4

- Guidance:
  - AFI 20-106
  - AFMCI 23-113
  - **LPS OI 23-113**
  - AFLCMC/LPS Form 815
- Based on AFMCI 23-113
- QR Determination
- Tailor LPS Form 815 to the QR
- Evaluation Elements 4
  - Tabs A-Z
  - Collect and Document Artifacts
  - Summary & Recommendations

IV.-SOURCE APPROVAL REQUEST (SAR) TECHNICAL EVALUATION: ✕			
SAR EVALUATOR: ✕	✕ ✕ ✕ ✕ ✕ ✕ ✕	ORG: ✕	✕ ✕ ✕ ✕ ✕ ✕ ✕
PHONE: ✕	✕ ✕ ✕ ✕ ✕ ✕ ✕	Date: ✕ ✕ ✕ ✕ ✕ ✕ ✕	

Government Contract Engineers conduct the evaluations, if available, for the ESA .



# Missing Data Request



- Engineering
  - Completes SAR Evaluation
  - For Missing Data:
    - Complete List of all Elements
    - Sent to Submitter
    - 72 Hours to Reply
      - Provide the Data Requested
      - Provide A Firm Date
        - (No Extensions will be Given)



# Return without Action Letter Template



ESA will return the SAR based on:

- Waiver was issued and SAR are blocked up to two years
- No QR issued
- SAR does not follow QR
  - Submitter must resubmit
- Missing Data and Discrepancies were not Corrected



# Distributors/Dealers



- Three Categories:
  - New Distributor with Approved Sources
    - Require a Designation Letter from the Source
    - Require the ESA Approval Letter for the Source
  - New Distributor or Production Acceptance Holder (PAH) With New Source
    - Require a Designation Letter from the Source
    - Require the Complete SAR with the Source Data per the ESA Qualification Requirement
  - New Distributor or Production Acceptance Holder (PAH) submitting as the manufacture or repair source
    - Required the ESA to make a Distributor determination.
    - Return the SAR without action and with the following Recommendations
      - Submit a Designation Letter from the Source
      - Submit the Complete SAR with the Source Data per the ESA Qualification Requirement



# Distributor Determination Letter



- ESA will review the Important Manufacturing and Repair processes, determine if a larger % is sent to a STS.
  - If the Submitter only performs
    - Receiving;
    - Material Ordering;
    - QC;
    - And/or Packaging
  - Then the Submitter is Distributor
- Return SAR package without Action using the template letter
- Actual Source must submit to SBO
  - Completed SAR Package
  - Distributor Designation Letter on their Letter Head with any limitations or conditions.
- If approved, the Source is added to 761 or 762
- The Distributor will listed in the remarks section of 761 or 762 for any future procurement.



# Disapproval Letter



- Engineering (ESA) reviews the 815, which recommends disapproval based on
  - All Missing data
  - All Deficiencies
  - And Returns the SAR along with the Disapproval Letter



# Approval Letter



- ESA reviews the 815, which recommends approval because it complies with the requirements and has all the artifacts required in the QR.
- Create an approval Letter and listed any restrictions:
  - Licensing agreements
  - Statistical Control Plans
- The new Source will be added to 761 or 762



# Source Resubstantiation Request (SRR)



- CSI every 3 Years
- CAI every 7 Years
- Assembly SAR Packages
  - Master
  - SAR Lite Packages
  - Submitted Within 30 Days
- Artifacts Submitted
- Prime & OEM
  - Removed per AFI 20-106
  - Should not be removed based time limits.

Element	Source Resubstantiation Request	MSRR	SRRL	Remarks
A.	Cover Letter	■	■	
B.	Technical Data Rights Certification Statement	■		Include all NSN and PN
C.	Brochure & Correspondence	■		
D.	Quality Assurance Documentation	■*		* Site Survey Meets Requirement
E.	Subject & Alternate Item Drawings or Technical Data	■	□	For all NSN and PN
F.	Item Specifications	■	□	For all NSN and PN
G.	Sub-Tier Supplier (Sub-Vendor) Information (Frozen for CSI)	■	■	
H.	Quality History (Entire Site and All Parts)	■		Include all NSN and PN
K.	Purchase Orders & Shipping Documents	■	■	
L.	Process/Operations Sheets & Travelers (Frozen for CSI)	■	■	
M.	Manufacture Process Sheets And / Or Inspection Method Sheets (IMS) (Frozen for CSI)	■	■	
N.	Prime Contractor's Quality Rating System Report	■	□	
O.	Licensee Agreement	■		Include all NSN and PN
P.	Value Added (By Prime or OEM)	■		For all NSN and PN
Q.	Government/Prime Contractor Surveys	■		Per CAGE
T.	Master Tooling Certifications & Calibration	■	■	
U.	Government Quality Assurance Compliance	■		For all NSN and PN

An element may have been covered in the MSRR by the overall statement, if not provide individual data or statements for the additional part number.

Item(s) must have been produced within the Approval Period



LPS Form 810 20150320  
Self-Assessment or Site Survey Checklist  
(May be adapted to reflect needs)



# Self-Assessment (SA) Checklist



- Engineering

- LPSE & Contractor
- Comprehensive review of the Quality Management System and all supporting documents
  - 15 Page Checklist
- DOD Search
- Three phase Process
  - Submittal
  - Review & Resubmittal
  - CAR & CAR Management
- ESA Recommendation for Site Survey
- Same Checklist is used for Site Survey
- Based on the ASAM Checklist

## Self-Assessment Checklist

Manufacturing, Repair & Overhaul (R&O), and Quality Assurance (QA)

<b>DoD Site Survey Number:</b>	<b>START DATE:</b>	<b>COMPLETE DATE:</b>
DoD Site Survey Number = (CAGE Code) - (Lead Service AR/AF/NA/DC) - (month and last two digits of year) e.g. 81996-AF-0314.		
<b>DoD Self-Assessment Number:</b>	Date:	
DoD SA Number = (CAGE Code) - (Self-Assessment SA) - (month and last two digits of year) e.g. 81996-SA-0314.		
<b>INSTRUCTIONS:</b> This self-assessment is to serve as a guideline for the vendor site survey. All areas of the checklist should be completed with the complying evidence and corresponding artifacts. All artifacts should be placed in 3 ring binders with the corresponding tab identified in the checklist. All artifacts must be submitted with the completed checklist for evaluation. This report, when completed, will be used to determine future survey activity. Pages 1 and 2 and Item No. 1 are self-explanatory.		
<b>CHECKLIST ITEMS 2 THROUGH 5</b>		
<b>References and Artifacts:</b> List/identify where the requirement is established in the Contractor's Quality Manual, where it is detailed in the Contractor's Procedures, and what artifact demonstrates its implementation (if applicable). Write "N/A" in the block if the element is not applicable and "NR" if the element was not reviewed.		
<b>Dates:</b> When entering dates in the form use the following format. DD MMM YY		
<b>Art/Pass:</b> Fill in check box in Art Column if Artifact is provided. Pass Column is reserved for government use only.		
<b>Tab:</b> When identifying location of artifacts in the column labeled Tab, provide only the number of the corresponding tab in the 3 ring binders (i.e. 3.2.1, not Tab 3.2.1). Include the referenced section and paragraph of the Quality manual and Procedure along with the artifact that demonstrates its use/implementation. Include all three in the appropriate "Tab" in the binders.		

<b>COMPANY NAME:</b>		<b>COMPANY CAGE:</b>	
<b>ADDRESS:</b>		<b>PHONE:</b>	
<b>CONTRACT/SOLICITATION/ETC. NO.</b>	<b>PCO</b>	<b>NSN or PART NUMBER(S)</b>	
<b>COMPANY POINTS OF CONTACT</b>	<b>TITLE</b>	<b>E-MAIL</b>	

<b>GENERAL INFORMATION</b>			
<b>PRODUCTS OR SERVICES OFFERED</b>			
<b>TOTAL PLANT AREA SQUARE FEET</b>		<b>NO. OF BUILDINGS</b>	
<b>IS FACILITY OWNED OR LEASED?</b>			
<b>NO. OF PRODUCTION EMPLOYEES</b>		<b>NO. OF DESIGN ENGINEERS</b>	
<b>NO. OF PROCESS ENGINEERS</b>		<b>QUALITY ASSURANCE PERSONNEL</b>	
<b>OTHER PERSONNEL</b>			
<b>EDUCATION AND EXPERIENCE LEVEL (Average years)</b>			
<b>PRODUCTION</b>		<b>ENGINEERS</b>	<b>QUALITY</b>



# Site Survey (SS) Determination



- ESA Determination
  - Self-Assessment without Site Survey Approval
    - Email/Mail
    - Self Corrections are Reviewed
    - No additional Action Required
  - Site Survey 1-Day Review (Plant Verification)
    - 2 Person Site Visit
    - Overall Operation Review
  - Site Survey 3-Day Review (Full/36 Hours)
    - 2 Person Site Visit
    - Full Self-Assessment Checklist Validation
- Based on Self Assessment Results & DoD Search



# Corrective Action Request (CAR)

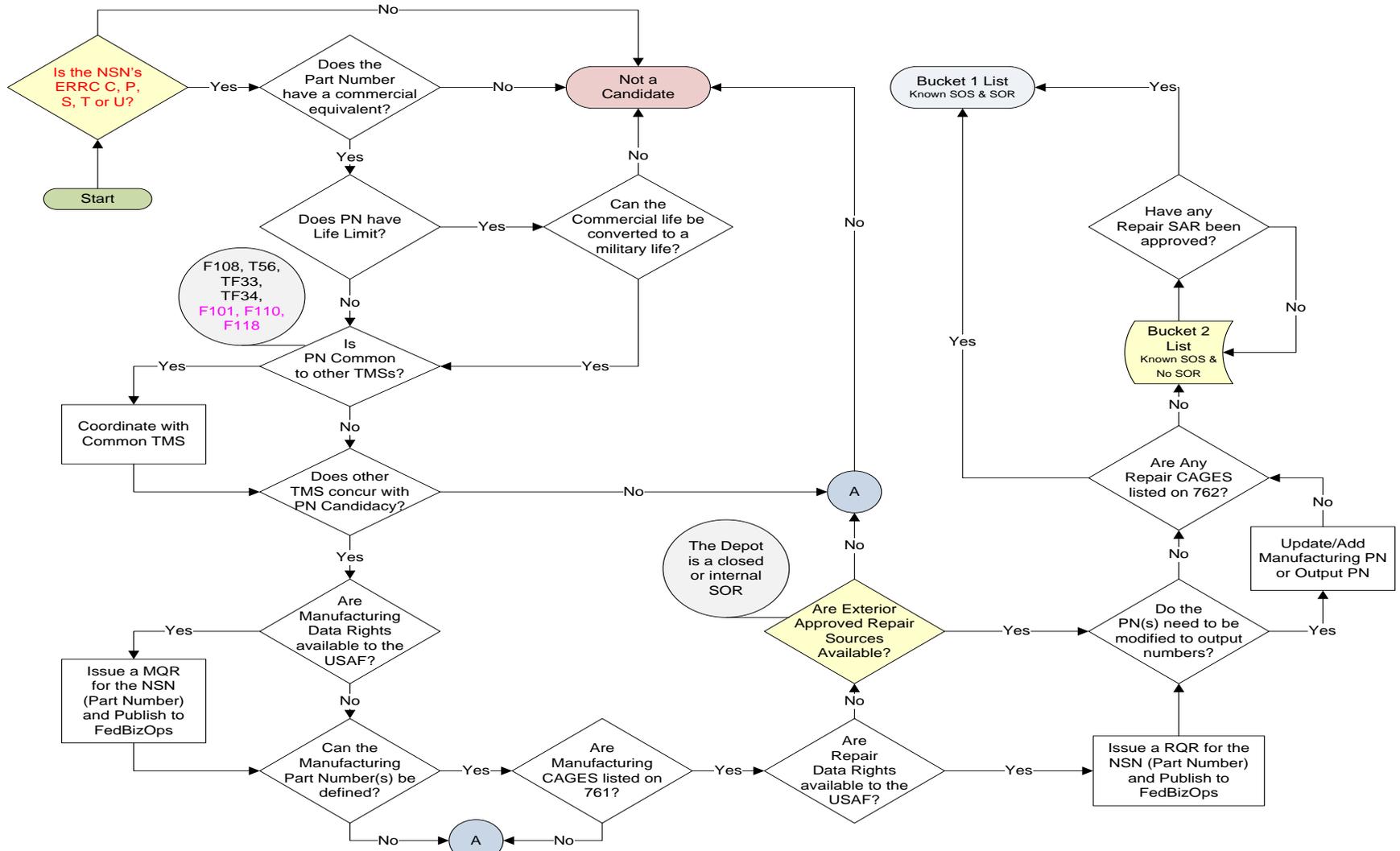


- Engineering
  - Completes Self-Assessment
  - 3 Phase Process
    - Submit
    - Evaluate
    - Track
  - Timeline must be monitored and maintained
    - Submitter must stay on implementation schedule
  - Site Survey may still be required

<b>DEPARTMENT OF DEFENSE</b>		
<b><u>VENDOR SITE SURVEY REPORT</u></b>		
<b>Survey Finding Number:</b>		<b>Classification -</b>
<b>INSTRUCTIONS:</b> This report form is to serve as a record of findings noted by Department of Defense (DoD) personnel conducting vendor Site surveys and may be used for follow-up of corrective actions. This form, when completed, will become a permanent record of the survey activity and will not normally be distributed to other non-DoD activities.		
Finding Number = (Survey Number) - (sequential number, beginning with 01) e.g. 81996-AR-0804-05.		
<b>Finding Classifications:</b>		
<b>Critical</b> - A nonconformance that negatively impacts a Critical Characteristic or that would result in hazardous or unsafe conditions for individuals using, maintaining or depending upon the supplies or services, or is likely to prevent performance of a major end item, or major part thereof.		
<b>Major</b> - A nonconformance, other than critical, that is likely to result in failure or to materially reduce the usability of the supplies or services for their intended purpose.		
<b>Minor</b> - A nonconformance that is not likely to materially reduce the usability of the supplies or services for their intended purpose, or operation of the supplies or services.		
<b>Observation</b> - A condition or circumstance which does not currently meet the aforementioned criteria, but holds the potential of causing a deficiency in the future, or a finding that could be of value for Quality improvement.		
Title:	Item No:	Date:
ITEM:		
FINDING:		
Auditor's Signature:		Date:
Auditee's Signature:		Date:
Corrective Action:		
Corrective Action Submitted By:		Date:
Corrective Action Accepted By:		Date:
Corrective Action Verification (DoD):		Date:
Remarks:		



# Commercial Used/ Overhauled Candidacy



Commercial Used Item Overhauled Decision Tree  
1 May 2015



# Commercial Used/ Overhauled Buys



- ESA determines NSN Candidacy
  - F108, TF33, T56, T34 & F117
- Commercial Used/Overhauled Materiel Worksheet (Surplus)
  - Evaluate all Surplus Buy Candidates
  - Every 6 Months
  - Review
    - 761
    - 762
    - Technical Data (Prints & T.O.s)
    - Add or Remove Sources
  - Construct
    - 813, Surplus Buy Worksheets
    - Engineering Notes
      - Part Numbers
      - Manufacturing Sources
      - Repair Sources
      - Technical Requirements

SURPLUS MATERIEL WORKSHEET				DATE
				11 APR 2012
REQUEST FOR EVALUATION				
NSN	PART NUMBER	CAGE	APPLICATION	
2915012368314PN	1317M47G02	07482	F108 Engine	
IMS	OFFICE SYMBOL	PHONE		
Denny, Michael F	OC-ALC / GKGBAB	405-736-5946		
SURPLUS MATERIEL MAY BE AVAILABLE TO FULFILL THE GOVERNMENT'S NEEDS FOR THIS ITEM. AS A RESULT, AN EVALUATION MUST BE PERFORMED IAW AFMC FAR SUPPLEMENT PART 5352.				
THE EVALUATION ON THIS ITEM INDICATES SURPLUS MATERIEL WILL BE CONSIDERED IN THE FOLLOWING TYPES/CATEGORIES				
II.		SURPLUS MATERIEL WORKSHEET ENGINEERING NOTES		EN813-PSD-1
		NATIONAL STOCK NUMBER: 2840-01-187-3200	PART NUMBER: 301-288-251-0	
The following Engineering Notes will apply to any AFMC 813s that deals with Used/Overhauled Government or Commercial Surplus.				
		Part Verification (AFMCFARS 5332.211-9011)	Verifiable Dimensions (AFMC FARCS 5352.211-9012)	
G O V E R N M E N T	NEW/UNUSED	Manufacture Cage: 58828	Part Number: 301-288-251-0	Design Activity: 58828
	NEW/RECONDITIONED	58828	301-288-256-0	58828
	NEW/MODIFIED	58828	301-288-257-0	58828
	USED/OVERHAULED	Overhaul and Certification: ESA Approved Sources of Repair and the Designated Technical Data: (These sources are not contractually bound to provide services)		
C O M M E R C I A L	NEW/UNUSED	Repair Cage: 063W2	Company Name: GEES	
	NEW/RECONDITIONED	1GE54	Propulsion Technologies	
	NEW/MODIFIED	58828	CFMI	
	USED/OVERHAULED	FAF35	Stecma	
SURPLUS EVALUATION CRITERIA		TLKE9	Chermalloy	
PART NUMBER VERIFICATION (AF)		Technical Data Designation: CFM56-2A/-2B		Technical Data Title: CFM56 ENGINE SHOP MANUAL
PRIOR GOVERNMENT OWNERSHIP		New/Unused Government & Commercial Surplus: Required documentation from the offeror: Surplus material shall be new/unused material only; acceptance inspection shall be conducted at destination facility. Commercial off the shelf (COTS) surplus parts, supplied by surplus vendor shall have the original FAA Form 8130-3 or Certificate of Conformance with appropriate documentation annotated by the OEM's manufacturing source. An incomplete, altered or incorrect FAA 8130-3 and/or Certificate of Conformance is unacceptable as an Airworthiness Release Record. Authorized manufacturer's cage code and pin are listed above in Part Verification Section. Surplus supply vendors are not part manufacturers, they are only supply vendors.		
100% END ITEM INSPECTION (AFM)		Used/Overhaul Government & Commercial Surplus: Required documentation from the offeror: 1. Offeror's Certificate of Conformance (CoC), such as an ATA Specification 106 "Part or Material Certification Form" or similar form (with like information) containing a non-incident statement, certifying that the items were manufactured by the Original Equipment Manufacturer (OEM) annotated in this document, and were not removed from engines that operated in volcanic ash, radiation exposure or submerged, nor were acquired or formerly operated by Emery Express. 2. Offeror's AS9100 Certificate or ISO 9001:2008 Certificate or their Quality Control Manual (QCM).		
TEST AND VERIFICATION (AFM/CF)		3. Offeror's USAF Approved Repair Source QCM or USAF Site Survey Acceptance Letter Dated within 36 Months or DoD Site Survey with all CAPs and CARs, and; ISO 9001:2008 Certificate or AS9100 Certificate; and an EXAMPLE of the FAA Form 8130-3 and/or Certificate of Conformance (COC). At the time of delivery of the parts, a completed, original FAA Form 8130-3, issued by the USAF Approved Repair Source is to be provided.		
VERIFIABLE DIMENSION (AFM/CF)		Justification for Unacceptable Surplus Materiel: New/Unused Government & Commercial Surplus: Required documentation from the offeror: No commercially repaired, reconditioned or modified surplus COTS material will be authorized and/or acceptable for use in Military F108-CFM56-2B engines. No FAA/PMA manufactured new/unused replacement parts that were approved for production under these methods. FAA designees, DER, DOA, DAS is allowed, unless specifically approved SAR package or F108 Engineering (LPSBAB). Engineering approval prior to acceptance inspection. PMA P/N's are identified with either prefix/suffix to differentiate from OEM P/N and are not acceptable without prior approval. ATA Spec 106 is not an FAA acceptable form for surplus material.		
DRAWING NUMBER 1317M47		Used/Overhaul Government & Commercial Surplus: An incomplete, altered or incorrect FAA 8130-3 and/or COC are unacceptable. Commercially repaired or overhauled surplus items will be authorized and/or acceptable for use in Military F108-GE-102 engine. No FAA-PMA manufactured new/unused replacement parts are acceptable. No FAA designees, DER, DOA, DAS are allowed.		
LOCATION OF INSPECTION TEST:		NO ITEMS REMOVED FROM ENGINES THAT OPERATED IN VOLCANIC ASH, RADIATION EXPOSURE, OR WERE ACQUIRED OR FORMALLY OPERATED BY EMERY EXPRESS WILL BE ACCEPTABLE.		
INITIAL ACCEPTABILITY ITEMS (I)		Inspection/Acceptance: DCMA inspection at source prior to shipment is required.		
ITEMS WILL BE TESTED FOR INTI				
TEST WILL BE CONDUCTED USIN				
OVERHAUL AND CERTIFICATION		EVALUATOR: 1330942265		
Repaired by following sources per CF provide services.		OFFICE SYMBOL	PHONE	COMPLETED DATA
AFMCFAR ORIGINAL DESIGN ELEMENTS: AFMC Form 813, 20000323, V1		AFCLMC/LPSBAB	734-5019	11 Jan 13



# Summary



- Seek QR or QR Waiver
- Understand the QR
- Prepare SAR and Artifacts
- Conduct SAR Self Audit
- Submit SAR to SBO
- If Required, Submit Missing Data
- If Approved, Track Approval until Expired



# Questions?



# References

- FAR Subpart 9.2 Qualification Requirement April 28, 2014
  - [http://farsite.hill.af.mil/reghtml/regs/Other/Dlad/PART09.htm?zoom\\_highlight=9%2E2#P355\\_32621](http://farsite.hill.af.mil/reghtml/regs/Other/Dlad/PART09.htm?zoom_highlight=9%2E2#P355_32621)
- SECNAVINST 4140.2 (AFI 20-106) Management of Aviation Critical Safety Items (25 Jan 06)
  - [http://static.e-publishing.af.mil/production/1/af\\_a4\\_7/publication/afi20-106\\_ip/afi20-106\\_ip.pdf](http://static.e-publishing.af.mil/production/1/af_a4_7/publication/afi20-106_ip/afi20-106_ip.pdf)
- AFMCI 23-113 Pre-Award Qualification of New or Additional Parts Sources and the Use of the Source Approval Request (SAR) (14 Dec 10)
  - <http://static.e-publishing.af.mil/production/1/afmc/publication/afmci23-113/afmci23-113.pdf>
- Aviation CSI Management Handbook (16 Mar 11)
  - <http://www.aviation.dla.mil/UserWeb/AviationEngineering/EngineeringSupport/Documents/AviationCSHandbook.pdf>
- Aviation Source Approval and Management Handbook (16 Mar 11)
  - <http://www.aviation.dla.mil/sbo/AVN%20Source%20Approval%20Handbook.pdf>



# SECNAVINST 4140.2 (AFI 20-106)



- Establishes policy, procedures, and assigns responsibilities for the life-cycle management of replenishment items critical to aviation safety as required by and implements the Department of Defense (DoD) Critical Safety program as required by reference 1 and 2.
- Addresses requirements governing the initial determination of item criticality and subsequent changes to this determination;
  - coding and tracking of aviation Critical Safety Items (CSIs);
  - the process for ensuring the adequacy of technical data and proposed changes;
  - the process for approving sources of supply and repair/overhaul;
  - the surveillance process assuring that approved sources retain required capabilities;
  - authorities for one-time organic manufacture of CSIs under exigent circumstances;
  - and requirements for disposing of CSIs when no longer needed by military aviation.

SECNAVINST 4140.2  
AFI 20-106  
DA Pam 95-9  
DLAI 3200.4  
DCMA INST CSI (AV)  
25 Jan 2006

## MANAGEMENT OF AVIATION CRITICAL SAFETY ITEMS

### A. REFERENCES

1. Public Law No 108-136 "National Defense Authorization Act for Fiscal Year 2004", Section 802, Quality Control In Procurement Of Aviation Critical Safety Items And Related Services.
2. DoD 4140.1-R, DoD Supply Chain Material Management Regulation, Section C8.5, DoD Aviation Critical Safety Item (CSI)/Flight Safety Critical Aircraft Part (FSCAP) Program
3. ASME Y14.100, 2000 Engineering Drawing Practices
4. ASME Y14.24, 1999 Types and Applications of Engineering Drawings
5. ASME Y14.35M, 1997 Revision of Engineering Drawings and Associated Documents
6. ASME Y14.34M, 1996 Associated Lists
7. DoD-STD-2101, Classification of Characteristics
8. DFARS-Appendix E, DoD Spare Parts Breakout Program
9. FAA Order 8110.42A, Parts Manufacturer Approval Procedures
10. FAA AC 00-56A, "Voluntary Industry Distributor Accreditation Program"
11. Aviation Supplier Association, ASA-100, "Quality System Standard"
12. SAE Aerospace Standard AS7104, NADCAP Requirements for Accreditation of Full Distributors
13. FAA AC 20-142, Eligibility and Evaluation of U.S. Military Surplus Flight Safety Critical Aircraft Parts, Engines, and Propellers
14. DFARS 208.70, Coordinated Acquisition
15. FAR 46, Quality Assurance

<https://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-100%20Material%20Resources%20Storage%20and%20Management/4140.2.pdf>

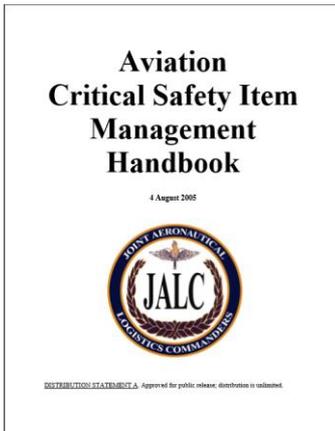


# SECNAVINST 4140.2 (AFI 20-106) Scope

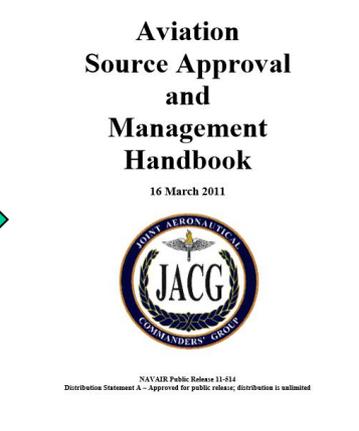
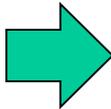


- Applies to Program Executive Officers (PEOs), commanders of system acquisition and logistics organizations, program managers, and other agencies or **commercial entities** providing procurement, repair, or overhaul services to aviation materiel.
- Covers aviation CSIs used in fixed and rotary wing aircraft, unmanned air vehicles, Aircraft Launch and Recovery Equipment (ALRE), aviation weapons and equipment, and **associated aviation support equipment**.
- **Does not** apply to commercial aircraft or subsystems purchased and maintained in accordance with Federal Aviation Administration (FAA) regulation, unless required by the Service ESA. This instruction applies to those portions of the commercial aircraft or subsystems modified or maintained to meet unique military requirements.
- Does not apply to items provided through the foreign military sales program for foreign owned and operated aircraft, systems, or equipment when
  - (a) the aircraft or item being acquired or modified is not in the active DoD inventory and the U.S. military no longer has engineering expertise on the aircraft or item, or
  - (b) the foreign customer directed the use of suppliers or configurations not approved by the US military Services.

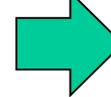
# Aviation Source Approval Policy History



2005



2011



2010

CSI Handbook spinout chapter 3 creating SAM Handbook and AFMCI created 23-113 to enforce the SAM



- This Handbook is a **guide** for Government engineers, logisticians, contracting officers, quality assurance specialists, and other supply chain management personnel involved in the life cycle acquisition and management of aviation CSIs.
  - It provides amplifying information and examples to help explain CSI policies and translate the Multi-Service/Defense Agency CSI Instruction into Government procedures and recommended contract requirements.
  - Does not provide step-by-step implementing procedures
- Applies to DoD aviation entities and is not intended as direction to Prime/OEMs or alternate suppliers.
  - Refer to CSI provisions specified in their respective contracts and contact their Contracting Officer to resolve any ambiguities, conflicts, or concerns.

## Aviation Critical Safety Item Management Handbook

4 August 2005



DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.



# Source Approval and Management Handbook



- The processes described in this Handbook focus on Source Approvals other than Qualified Products List (QPL) items and are intended to ensure that suppliers are capable of
  - consistently producing and/or
  - providing high quality,
  - conforming items that meet design and manufacturing or ROMM requirements.

## Aviation Source Approval and Management Handbook

16 March 2011



NAVAIR Public Release 11-514  
Distribution Statement A – Approved for public release; distribution is unlimited

<http://www.dla.mil/Portals/104/Documents/Aviation/Source%20Approval%20Handbook.pdf>



# Types of Sources Considered for Approval

- Unless otherwise established by the cognizant Service ESA, only sources in the categories listed below are to be considered for approval, as validated by and acceptable to the cognizant Service ESA :
- **System or subsystem prime contractor.**
- Actual manufacturer (OEM) that supplies items to the prime Contractor where ESA determines the prime Contractor provides no “value added” to the item.
- Fully-licensed manufacturers of the prime contractor/OEM that provide substantiation of their licensing arrangement
- Fully-licensed repair/overhaul facilities of the prime contractor or of the OEM that provide substantiation of their repair/overhaul arrangement with the prime contractor
- Distributors who provide traceability that the items they are supplying were produced by an approved source according to technical and quality requirements and are unchanged in any way.
- Sources identified on a Qualified Products List (QPL), Qualified Products Database (QPD) or Critical Item Procurement Requirements Document (CIPRD).
- Sources identified on source controlled drawings.
- Sources controlled within ESA approved Qualified Supplier List programs.
- Alternate sources.
- **Sources proposing to supply items based upon reverse engineering, Parts Manufacturer Approval (PMA) test and computation, or similar techniques must be approved by the cognizant Service ESA.**



# Federal Acquisition Regulation (FAR)



- Part 9 (Contractor Qualifications)
- DFARS Part 209.270 (Aviation Critical Safety Items)
  - prescribe policies, standards, and procedures on contractor qualifications and Aviation Critical Safety Items and Critical Items.



# AFMCI 23-113 Pre-Award Qualification of New or Additional Parts Sources and the Use of the SAR



- Implements:
  - FAR Subpart 9.2
  - 10 U.S.C. 2319
  - 41 U.S.C. 253c,
  - DoD 4140.1-R,
  - DoD Supply Chain Materiel Management Regulation
  - AFPD 23-1, Materiel Management Policy
  - Procedures by prescribing policy and procedures to implement the manufacturing Source Approval Request (SAR) process throughout AFMC.

BY ORDER OF THE COMMANDER  
AIR FORCE MATERIEL COMMAND

AIR FORCE MATERIEL COMMAND  
INSTRUCTION 23-113



14 DECEMBER 2010

Materiel Management

PRE-AWARD QUALIFICATION OF NEW OR  
ADDITIONAL PARTS SOURCES AND THE  
USE OF THE SOURCE APPROVAL  
REQUEST (SAR)

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

ACCESSIBILITY: Publications and forms are available on the e-publishing website at [www.e-publishing.af.mil](http://www.e-publishing.af.mil) for downloading or ordering.

RELEASABILITY: There are no releasability restrictions on this publication.

OPR: HQ AFMC/A4UE

Certified by: AFMC/A4

Supersedes: AFMCI 23-113, 29 Aug 2007

Pages: 67

This instruction implements Federal Acquisition Regulation (FAR) Subpart 9.2 -- *Qualifications Requirements* which is implementing 10 U.S.C. 2319 and 41 U.S.C. 253c, DoD 4140.1-R, DoD *Supply Chain Materiel Management Regulation* and AFPD 23-1, *Materiel Management Policy And Procedures* by prescribing policy and procedures to implement the manufacturing Source Approval Request (SAR) process throughout Air Force Materiel Command (AFMC). It is applicable to any organization which is managing items (both Critical Application/Safety Items - CAIs/CSIs, and non-CAIs/CSIs) for AFMC. While primarily applicable to the Air Force Global Logistics Support Center (AFGLSC), and Air Logistics Centers (ALCs), it would apply to any items managed by weapon system at Product Centers. The Competition In Contracting Act of 1984 (PL 96-369) established requirements to increase competition in defense procurements. The source approval requirements and process described within this instruction are not intended to restrict competition, but rather to provide for consistent application of the process through consistent documentation as required by FAR 9.202. This instruction should be used in conjunction with the joint service Source Approval and Management handbook, but this instruction takes precedent if there are conflicts with the handbook. It is to be used by all AFMC organizations and its contractors to provide war-winning capabilities - on time, on cost. This instruction is applicable to the repair source approval process, but the appendixes, which provide checklists and format, are only applicable to new manufacture. This publication applies to the Air National Guard (ANG). This publication applies to Air Force Reserve Command (AFRC) Units. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 33-363, *Management of Records*, and disposed in accordance with the Air Force Records Disposition Schedule (RDS) located at <https://www.my.af.mil/afirms/afirms/afirms/rims.cfm>

<http://static.e-publishing.af.mil/production/1/afmc/publication/afmci23-113/afmci23-113.pdf>



# AFMCI 23-113 Scope



- Applicable to any organization which is managing Critical Application, Critical Safety Items and non-critical items for AFMC.
  - it would apply to any items managed by weapon system at Product Centers.
- The source approval requirements and process described within this instruction are not intended to restrict competition, but rather to provide for consistent application of the process through consistent documentation as required by FAR 9.202.
- This instruction should be used in conjunction with **the joint service Source Approval and Management handbook**, but this instruction takes precedent if there are conflicts with the handbook.
- It is to be used by all AFMC organizations and its contractors to provide war-winning capabilities - on time, on cost.
- This instruction is applicable to the repair source approval process, but the appendixes, which provide checklists and format, are only applicable to new manufacture.



# AFMCI 23-113 Policy



- This instruction provides the procedures for qualification of new sources to ensure requests are submitted with complete information and are evaluated thoroughly and consistently.
- Procedures are being provided to formalize the activities for ensuring appropriate responsible technical oversight of the pre-award source qualification process within AFMC.



# Individual NSN QR Waiver



- NSN SPECIFIC WAIVER
- Engineering will state the issue with providing the Qualification Requirement
  - Casting or Forging Availability
  - Master Tool Availability
  - Material Availability
  - Other Engineering Constrains
- No Additional Action is Required



DEPARTMENT OF THE AIR FORCE  
 AIR FORCE LIFE CYCLE MANAGEMENT CENTER (AFLCMC)  
 TINKER AIR FORCE BASE, OKLAHOMA

**Section A. Description of Supplies or Services:**

Noun: Multiple (see attachment) Application: F100-PW229, -PW220  
 NSN/PN: Multiple (see attachment)

Function: Full descriptions of all parts referenced are given in the below table (see attachment)

**Section B. Rationale Supporting Unreasonableness:**

All parts referenced in this waiver document have been deemed critical safety items (CSI) by the representative cognizant engineer, and they must meet all material property and quality specifications. However, qualification requirements cannot be drafted by the government; data rights contained in the original equipment manufacturer's (OEM) design/qualification specifications were never purchased. Moreover, laboratory testing alone cannot identify all potential quality and engine performance concerns. The OEM is therefore the single authority capable of maintaining quality control of the finished assembly/product and is considered the only authority qualified to fulfill every requirement for new manufacture.

**Section C. Planned Corrective Action and Schedule (if feasible):**

It is neither cost effective nor feasible to acquire the necessary technical, manufacturing and engineering data required to draft proper qualification requirements for these items. Further, obtaining the knowledge base and the continuing research capability as maintained by the OEM is not possible. No corrective action is planned at this time.

**Section D. Determination:**

Due to the rationale in Part B above, it is hereby determined that it is unreasonable to develop or specify the standards for qualification that a prospective contractor must satisfy for the parts listed in Part A.

[Redacted]

KERSTETTERSEA			
Cognizant Engineer	Date	Competition Advocate	Date
Sean Kerstetter, AFLCMC/LPSEA1			
Engineering Authority	Date	Senior Center Contracting Official	Date
Melanie Jonason, AFLCMC/LPSEN		(Waiver expires 2 years after approval)	



**CAT IV ONLY**  
**Reverse Engineering**  
**Not In Use**



# Tab E Subject Drawings/Tech Data

## Part 3: Alternate Item



E. SUBJECT & ALTERNATE ITEM DRAWINGS or TECHNICAL DATA: (continued)	Yes	No	N/A
3. Alternate Item Drawings (CAT IV-Manufacturing QR Only) (Major) if on <span style="float: right;">◇ Manufacture <span style="margin-left: 100px;">◇ CAT IV</span> Applicable</span>			
<b>a. Drawing Package:</b>			
1) Is this an Alternate Item (Cat IV) SAR?	<input type="checkbox"/>	<input type="checkbox"/> Go to F.	<input type="checkbox"/>
2) Are the drawings for the latest revision?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Are all drawings sheets/frames included?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Are all forgings and/or casting drawings included?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Are all drawings legible? (If No, list drawings/sheets/frames required in N&C.)	<input type="checkbox"/>	<input type="checkbox"/> N&C	<input type="checkbox"/>
6) Are any drawings marked "SOURCE CONTROLLED"?	<input type="checkbox"/> N&C	<input type="checkbox"/>	<input type="checkbox"/>
7) Are any drawings marked "SPECIFICATION CONTROL"?	<input type="checkbox"/> N&C	<input type="checkbox"/>	<input type="checkbox"/>
<b>b. Raw Material:</b>			
1) Does the Alternate Item drawing or Technical Data identify raw or spare materials? If Yes, List Raw Material (Specification Number, Title and Revision) in N&C.	<input type="checkbox"/> N&C	<input type="checkbox"/>	<input type="checkbox"/>
2) Do the Alternate and Subject Item raw materials match?	<input type="checkbox"/>	<input type="checkbox"/> N&C	<input type="checkbox"/>
<b>c. Item Dimensions:</b>			
Are there any critical dimensions marked on the drawings? (If Yes, list in N&C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>d. Special Tooling (ST):</b>			
1) Is there any ST required?	<input type="checkbox"/> N&C	<input type="checkbox"/> Go to e.	<input type="checkbox"/>
2) Is the ST owned by the proposed Offeror?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Is the ST available to the proposed Offeror?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Does the proposed Offeror have use rights for the ST from the Prime?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Will the proposed Offeror build ST?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Are ST drawings available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>e. Proprietary Data:</b>			
1) Does the SAR package contain proprietary data statements or markings? ** (If Yes, list in N&C and Activate notification.)	<input type="checkbox"/> Activate	<input type="checkbox"/> Go to F.	<input type="checkbox"/>
2) Is a proprietary data owner statement provided that authorizes use of the data?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
**This is a non-technical issue which the ESA will resolve before contract award. (See Element B.)			
NOTES & COMMENTS (N&C):			
<input type="checkbox"/> Element IV.E.3.e.1. Proprietary data was found. License agreement must be maintained and cited in approval letter. <input type="checkbox"/> Element IV.E.3.e.2. Copy of proprietary data owner statement.			

# CAT IV ONLY Not In Use



# Tab R Pre-Qualification Test Plans



- If testing was not required, State So
- If testing is required, all proposed test plans necessary to completely qualify the part must be submitted for approval prior to beginning testing
- Testing will be at the contractor's expense
- The pre-qualification test/inspection procedures proposed and independent test laboratories proposed to be used have to be identified by Name, CAGE, Address and Telephone Number
- Test requirements are part specific

## CAT IV ONLY Not In Use

<b>R. PRE-QUALIFICATION TEST PLANS: (CAT IV ◇ TEST &amp; COMP) (MAJOR)</b>	Yes	No	N/A ◇
1. Was testing required? If Yes, list the Offeror's test plans in N&C. (If No, make S. N/A and Go to T.)	<input type="checkbox"/> N&C	<input checked="" type="checkbox"/> Go to T.	<input type="checkbox"/>
2. Were the test plans adequate? (Explain any concerns in N&C.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):			



# Tab S Pre-Qualification Test Results



- If testing was not required, State So
- If testing has not been completed, provide ECD
- If testing has already been conducted, provide part specific test results
- Linked to Element R

## CAT IV ONLY Not In Use

<b>S. PRE-QUALIFICATION TEST RESULTS: (CAT IV ◇ TEST &amp; COMP) (MAJOR)</b>	Yes	No	N/A ◇
1. Was pre-qualification testing completed for alternate part?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Was level of testing adequate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Were test results provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Were the test results acceptable?	<input type="checkbox"/> N&C	<input type="checkbox"/>	<input type="checkbox"/>
5. Do the test results identify the testing lab source?	<input type="checkbox"/> N&C	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):			
○ Element IV.S.1. Copy of the Pre-Qualification Test Results.			



# Tab V FAA Certification



- If purchase orders & shipping documents for sales to/from PMA holder & actual manufacturer of PMA part were provided, include the FAA letter or supplement
- FAA PMA letter, method of approval & FAA documentation provided include:
  - Part Number
  - Assembly
  - Engine
- FAA Part 145 or Part 33 Certification
  - Method of approval and documentation

Commercial or CAT IV ONLY Not In Use

<b>V. FAA CERTIFICATION (◇ CAT IV &amp; ◇ COMMERCIAL ITEMS) (MAJOR)</b>	Yes	No	N/A
1. Is the Offeror FAA approved? 14 CFR <input type="checkbox"/> Part 21 (Manufacture) <input type="checkbox"/> Part 145 (Repair)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Does the FAA approval letter show the platform and model for the item?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Does the using Service(s) use the same platform and model? (i.e. No for F108 & CFM56)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is the FAA's PMA approval consistent with the category submitted? (CAT IV ID & T/C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Did the proposed Offeror provide a design package and test results?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):			
<input type="checkbox"/> Element IV.V.1. Copy of the <input type="checkbox"/> 14 CFR Part 21 (Manufacture) <input type="checkbox"/> 14 CFR Part 145 (Repair) FAA certificate.			



# Tab W Alternate Item Source Component Purchase Orders



- Provide the original source component purchase orders and certificates of conformance for the actual manufacturer components used to derive alternate item source design

## CAT IV ONLY Not In Use

<b>W. ALTERNATE ITEM SOURCE COMPONENT PURCHASE ORDERS: (◇ Manufacture Only) (CAT IV ◇ TEST &amp; COMP) (MAJOR)</b>		Yes	No	N/A ◇
1. Were the source component parts used for the reverse engineering purchased from the Government?		<input type="checkbox"/> N&C	<input checked="" type="checkbox"/> Go to 2.	<input type="checkbox"/>
If yes, provide date:		Date: Click here to enter a date.		
2. If parts not purchased from Government, were they traceable to the Prime, OEM, or Government approved Supplier?		<input type="checkbox"/> N&C	<input checked="" type="checkbox"/> Go to 3.	<input type="checkbox"/>
If Yes, Whom?	<input type="checkbox"/> Prime, <input type="checkbox"/> OEM, <input type="checkbox"/> Government Approved or <input type="checkbox"/> Surplus Vendor	Date: Click here to enter a date.		
3. Were the source component parts purchased to the latest Prime/OEM data revision?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Did the proposed Offeror procure the approved item in sufficient quantity to develop a statistically sound history? (more than 15 items) (Explain any concerns in N&C)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Was the Certificate of Conformance (COC) for the Subject Item provided?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. How many parts were purchased? (Explain any concerns in N&C)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):				



# Tab X Statistical Data



- Provide the actual components statistical data used to derive alternate item source design
- If the part is in production, provide the statistical control data

## CAT IV ONLY Not In Use

<b>X. STATISTICAL DATA: (CAT IV ◊ TEST &amp; COMP) (MAJOR)</b>			
1. Test and Computation Statistical Process Control (SPC)	Yes	No	N/A ◊
Does the statistical data used to derive the Alternate Item source design appear acceptable? (Explain any concerns in N&C.)	<input type="checkbox"/> N&C	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):			



# Tab Y Reverse Engineering Management Plan



- Provide Reverse Engineering Management Plan
  - Describing the approach used to develop the specifications
  - Design, materials, critical characteristics, critical inspection processes, and critical manufacturing processes to satisfy requirements and how these were derived
- Note: If the proposed source has not begun a reverse engineering effort, the source should provide the reverse engineering management plan prior to submittal of the SAR package

**CAT IV ONLY Not In Use**

<b>Y. REVERSE ENGINEERING MANAGEMENT PLAN: (◇ CAT IV Only) (MAJOR)</b>	Yes	No	N/A ◇
1. Does the plan included provide acceptable detail?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Does it adequately describe all aspects of the proposed reverse engineering design, materials, critical characteristics, critical inspection and manufacturing processes? (Explain any concerns in N&C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Will the proposed plan allow for successful Subject Item reverse engineering? (If No, explain any concerns in N&C.)	<input type="checkbox"/> N&C	<input type="checkbox"/> N&C	<input type="checkbox"/> N&C
NOTES & COMMENTS (N&C):			
<input type="checkbox"/> Element IV.Y.1. Reverse engineering plan has not been approved, determine if allowed. If approved, the reverse engineering plan must be included in the approval letter. <input type="checkbox"/> Element IV.Y.1. Copy of the reverse engineering management plan. (Scan and upload separately)			



# Tab Z Alternate Application Environment



- Cat IV Only, provide commercial operating mission
  - Environment
  - Weight
  - Safety assessments

## CAT IV ONLY Not In Use

<b>Z. ALTERNATE APPLICATION ENVIRONMENT: (◇ CAT IV Only) (MAJOR)</b>	Yes	No	N/A◇
1. Was the commercial environment information provided with adequate detail?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Does the commercial application operate in similar environments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Does the commercial application experience similar loads and/or weights?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Does the commercial application undergo similar safety assessments as would be performed in military environment? (If No, explain any concerns in N&C.)	<input type="checkbox"/>	<input type="checkbox"/> N&C	<input type="checkbox"/>
NOTES & COMMENTS (N&C):			



# Repair Method Suffix Codes

## RMC/RMSC



Engr	Reference: AFMCI 21-149	RMC-QR?									ES	Engr	Engr	Engr	Engr	Engr	Engr	Engr	5-May-15	
RMSC	Description	Expire (Months)	1	2	3	4	5	TEMP	TDP	762 CR SAW	RDL	JQR	QR	QR Listing	84 Waiver	QR Waiver	FAT 260	Competitive	Notes	
RA	Data Right Questionable	24	No	No	No	No	No	Yes	No	Yes	No	Yes	No	No	No	Yes	No	No	if 1 or 2	Limited if alt data source can be used to qualify design control activity (OEM) procedure. ASME T14.100
RB	Source Control	60	No	No	No	No	No	No	Yes	Yes	Maybe	Yes	No	No	No	Yes	No	No	if 1 or 2	OEM approval. DoD-STD-100
RC	Engineering Source Approval	60	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	1, 2	Yes	Yes	No	No	No	if 1 or 2	Data is available, Approved by CEA
RD	GOV Data or Rights not Physically Available	60			No	No	No	No	No	Yes	No	Yes	No	No	No	Yes	No	No	if 1 or 2	
RE	Reserved		Reserved																	
RF	Reserved		Reserved																	
RG	Full and Open Competition	None	No	No	← Not CSI			No	Yes	Yes	Yes	Yes	No	No	No	No	Yes	No	Yes	Data is available; No restrictions
RH	No sufficient, accurate, or legible data to purchase from other than the current source	24	No	No	No	No	No	Yes	No	Yes	No	Yes	No	No	No	Yes	No	No	if 1 or 2	
RI	Not Authorized		Not Authorized																	
RJ	Reserved		Reserved																	
RK	Approved Class 1 Castings and Similar Forgings SAE-AMS2175 (MIL-STD-2175)	None	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Maybe; Depends 1, 2	Maybe	Maybe	Maybe	No	if 1 or 2	one source for casting/forging. Depends if they will provide cast/forging? SAE-AMS2175 (MIL-STD-2175)
RL	Low Dollar Buy (Can only Used to Replace O)	60	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	Yes	No	No	if 1 or 2	part buy falls below the screening threshold established by DoD
RM	Master Tooling or Coordinated Tooling	60	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Maybe; Depends 1, 2	Maybe	Maybe	Maybe	No	No	if 1 or 2	if more then one tooling set exist and can be made available?
RN	Manufacturing Requires Special Test a/o Ultra-Precision Quality	60	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	Yes	No	No	if 1 or 2	Can Substantiation and Inspection of the Precision or Quality be Accomplished?
RO	No AMSC Code Assigned		0	0	0	0	0	Yes	None	Yes	None									
RP	Cannot Purchase Data Rights	60			No	No	No	No	No	Yes	No	Yes	No	No	No	Yes	No	No	if 1 or 2	Uneconomical to Reverse Engineer (RE)? Does second source have the Data? Can the OEM or Data Owner be Qualified?
RQ	No Adequate Data or Data Rights or Both	24	No	No	No	No	No	Yes	No	Yes	No	Yes	No	No	No	Yes	No	No	if 1 or 2	Must be Reviewed Periodically
RR	No Data or Rights from Additional Sources	60	No	No	No	No	No	No	No	Yes	No	Yes	No	No	No	Yes	No	No	if 1 or 2	Cannot Purchase data & RE not Economical.
RS	Unclassified Military Sensitive Technology	60	No?	No?	No?	No?	No?	No?	Controlled	Yes	No	Yes	No	No	No	Yes	No	No	Controlled; if 1 or 2	Restricted. No Initial Data Purchased FAR 6.3
RT	Reserved	None	Reserved																	
RU	No Projected Life Time Savings	60	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	Yes	No	No	if 1 or 2	Limited to current GOV Sources due to cost of Developing New Sources. EA
RV	Formal High Reliability Program	60	No	No	No	No	No	No	Yes	Yes	Yes	Yes	1, 2	No	No	Yes	No	No	if 1 or 2	Designated a High Reliability Part under a Formal Reliability Program.
RW	Reserved		Reserved																	
RX	Not Authorized		Not Authorized																	
RY	Unstable Design	60	No	No	No	No	No	Yes	No	Yes	No	Yes	No	No	No	Yes	No	No	1 or 2 apply	Limited Quantity for Test or Service Use
RZ	Commercial/Non-developmental/off-the-shelf	None	No	No	No	No	No	No	No	Yes	No	Yes	No	No	No	Yes	No	No	if 1 or 2	Commercial Manuals Assigned a Technical Manual Number



# ESA Required Action



- Engineering
  - Updates Criticality (Missing or Incorrect)
  - Requests D043 update (Criticality)
  - Establishes Qualification Requirement
    - Approved Part Number Listing or
    - JQR and QR (MQR or RQR)
  - or Requests Waiver
    - AF Waiver Only
    - DLA Waiver & JQR
      - JQR would be signed by AF Comp Advocate
      - AF is having issues signing a JQR for a waiver
  - Rescreens 761 & 762 (AMSC Incorrect)
  - Approvals or Disapproval Letter per Template
  - Requests Missing Drawings or Specifications from Sales Desk
  - Requests 761 or 762 Update (Adjust Sources)



# ESA Configuration Control Evaluation



- Configuration Control Evaluation
  - Criticality Review
  - 761 or 762 Review
  - AMC/AMSC or RMC/RMSC
  - MQR, RQR or Waiver Issuance
- Determines if SAR should be evaluated and in accordance with which QR.

## LPS 815 Element 3 Part A

III. SUBJECT ITEM ENGINEERING CONFIGURATION CONTROL EVALUATION (CCE)										
ESA ENGINEER:		ORG:		PHONE:		Date:				
<input type="checkbox"/> Element I.F. SAIB has been rescinded. Migrate QR to either MQR-1, -2, or -3 or RQR-PSD-1/RQR-PSD-2. <input type="checkbox"/> Element I.F. No Qualification Requirement was identified or found. Determine if QR is required and/or seek waiver.										
A. TECHNICAL DATA INTEGRITY REVIEW (TDIR)								Supplement NSN Form Used? <input type="checkbox"/> Yes		
1. For <input type="checkbox"/> Manufacture (761) or <input type="checkbox"/> Repair (762) SAR fill in the entire Table below for all applicable NSNs.										
2. E-Workspace (EWS) Criticality: For NSN 1 select item at right, for NSN 2-5 fill in below. If CSI, select CSI and the sub-category.						<input type="checkbox"/> CRITICAL SAFETY ITEM (CSI) <input type="checkbox"/> CSI-C <input type="checkbox"/> CSI-5 <input type="checkbox"/> CRITICAL APPLICATION ITEM (CAI) <input type="checkbox"/> NON-CRITICAL ITEM <input type="checkbox"/> Listed, but NOT RATED/No Record Matching (Establish Rating)				
NSN (1 thru 5)	EWS Criticality	IHS Criticality	761 <input type="checkbox"/>	762 <input type="checkbox"/>	AMC/AMSC or RMC/RMSC Code	EXP DT	QR	QR loaded in PRPS?	QR in 761/762 Remarks?	Master QR Listing
			<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Note: The following questions apply to all NSNs listed including those listed on the supplement form. Describe in N&C any action taken to correct any deficiencies found.									Yes	No
3. Does the 761/762 Criticality, EWS Criticality and IHS Criticality (CSI=F; CAI=Y) all match? If No, request SCM ES update the criticality in D043, add a Note to the 761/762 Remark section listing the Criticality and update EWS records as needed. Record any actions taken in N&C.									<input type="checkbox"/>	<input type="checkbox"/>
4. Are all of the 761s/762s in PRPS? If No, request NSN screening and record actions taken in N&C.									<input type="checkbox"/>	<input type="checkbox"/>
5. 762 <input type="checkbox"/> For Repairs Only: Is the ERRC Code listed C, P, S, T, or U? If No, then the Repair is not authorized and package should be Returned without Action (RWOA).									<input type="checkbox"/>	<input type="checkbox"/> RWOA
6. Are the AMC/RMSC code(s) C, K, M, or V? If No, request QR waiver, cancel any established QR, then return SAR & Waiver to SBO and request that Supplier purchase technical data from data owner.									<input type="checkbox"/>	<input type="checkbox"/> Waiver
7. Are all of the AMC/AMSC or RMC/RMSC Expiration Date(s) valid and not expired (762 Block 29)?									<input type="checkbox"/>	<input type="checkbox"/>
8. Is the Engineering Data List (EDL) or the Repair Data List (RDL) identified in the 761/762? If the EDL and/or RDL is required, are they loaded in PRPS? If No, update 761/762 and load DL into PRPS.									<input type="checkbox"/>	<input type="checkbox"/>
9. Are the AMC/RMSC Codes listed on the 761/762 supported by Engineering Data? If No, take the necessary steps to update 761/762.									<input type="checkbox"/>	<input type="checkbox"/>
10. Are the listed QR(s) loaded in PRPS? If No, load QR(s) in PRPS. For DLA 339s check IES for QR(s). If any are found, load the listed QR into PRPS, after completing proper documentation.									<input type="checkbox"/>	<input type="checkbox"/>
11. Is the QR listed in the 761/762 Remarks Section? If No, take the necessary steps to update 761/762.									<input type="checkbox"/>	<input type="checkbox"/>
12. Is the QR listed in the Master QR Listing? If No, take the necessary steps to add QR to Master List.									<input type="checkbox"/>	<input type="checkbox"/>
13. Does the QR and Criticality listed above match what is selected on page 1? If No, correct Page 1 entry.									<input type="checkbox"/>	<input type="checkbox"/>
B. CONFIGURATION CONTROL										
1. Are all known engineering changes (CIDs, ECPs, DCNs, EOs, Service Bulletins, etc.) complete and closed for this item?									<input type="checkbox"/>	<input type="checkbox"/> N&C
2. Are all engineering investigations that affect this item complete and closed at this time?									<input type="checkbox"/>	<input type="checkbox"/>
3. (Required) Was Top Down Break Down performed? [Technical Data review to determine if the SAR contains all data to allow a competent manufacturer/repairer to provide an equal or better item.]									<input type="checkbox"/>	<input type="checkbox"/> Activate
C. DISPOSITION										
1. Forward to SAR Evaluators for Evaluation? Forward if all blocks are highlighted and marked Yes, else take the required actions prior to forwarding to Evaluators. Document all actions.									<input type="checkbox"/> Forward	<input type="checkbox"/> Action
2. Enter Time in Element VII										
NOTES & COMMENTS (N&C):										
<input type="checkbox"/> Element III.A.3. D043 and 761 needs to be updated to correctly list the criticality. <input type="checkbox"/> Element III.A.4. 761/762 needs to be re-screened and/or revised. <input type="checkbox"/> Element III.A.7. AMC/AMSC or RMC/RMSC has expired. 761/762 needs to be re-screened and/or revised. <input type="checkbox"/> Element III.A.10. QR needs to be loaded into PRPS. <input type="checkbox"/> Element III.B.3. Return Without Action, Configuration Control is not adequate. Go To <a href="#">Section V</a> for completion. <input type="checkbox"/> Provide 761 and/or 762 copy with the criticality and the QR annotated.										

Internal Use



# Configuration Control Evaluation

- ESA Conducts:
  - Review of ECPs, SB, EPDs
  - **Top Down Break Down Required**
- Possible Engineering Action:
  - Update Criticality (Missing or Incorrect)
  - Rescreen or Update 761 & 762
  - AMSC/RMSC Incorrect or Adjust Sources
  - Forward or Return without Action

Top Down Break Down - Technical Data review to determine if the TDP/EDL/RDL contains all data to allow a competent manufacturer/repairer to provide an equal or better item to the USAF.]

## Internal Use

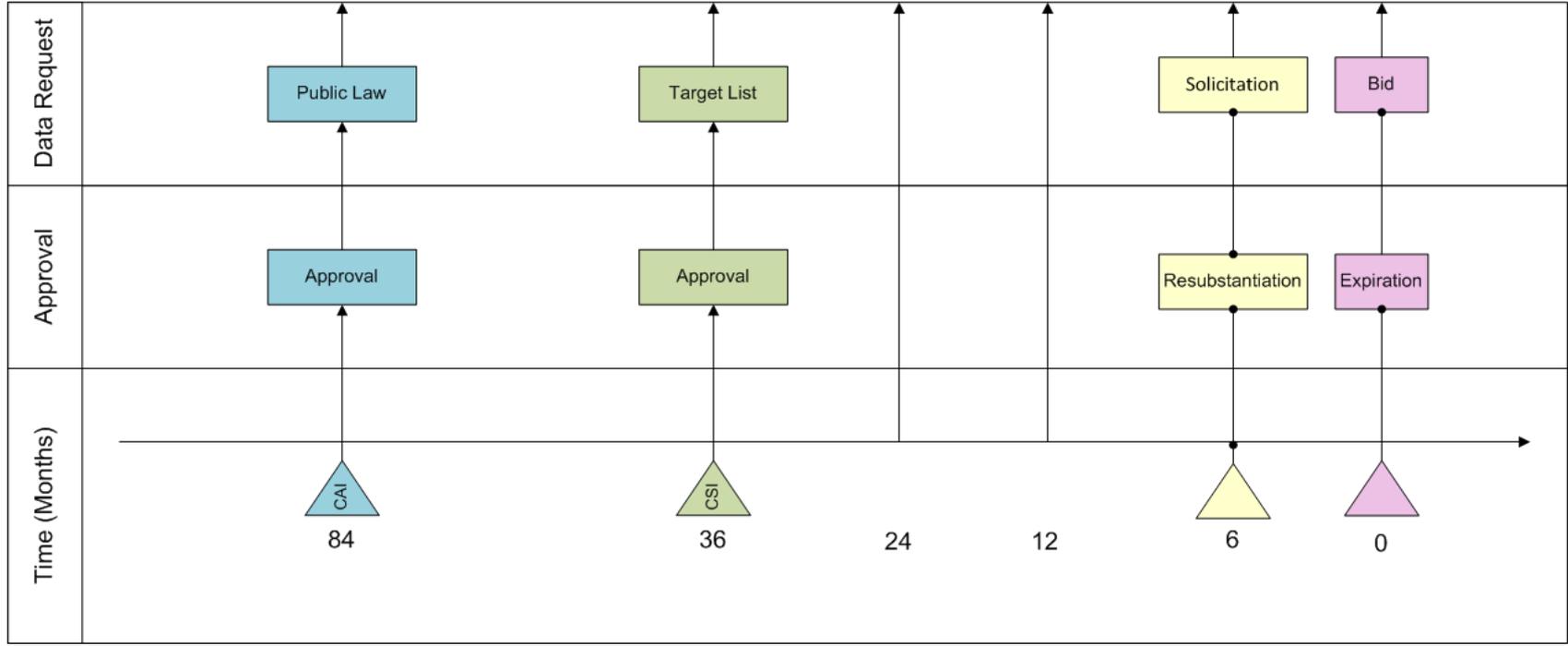
### LPS 815 Element 3 Part B

B. CONFIGURATION CONTROL		
1. Are all known engineering changes (CIDs, ECPs, DCNs, EOs, Service Bulletins, etc.) complete and closed for this item?	<input type="checkbox"/>	<input type="checkbox"/> N&C
2. Are all engineering investigations that affect this item complete and closed at this time?	<input type="checkbox"/>	<input type="checkbox"/>
3. (Required) Was Top Down Break Down performed? [Technical Data review to determine if the SAR contains all data to allow a competent manufacturer/repairer to provide an equal or better item.]	<input type="checkbox"/>	<input type="checkbox"/> Activate
C. DISPOSITION		
1. Forward to SAR Evaluators for Evaluation? Forward if all blocks are highlighted and marked Yes, else take the required actions prior to forwarding to Evaluators. Document all actions.	<input type="checkbox"/> Forward	<input type="checkbox"/> Action
2. Enter Time in Element VII		
NOTES & COMMENTS (N&C):		
<input type="checkbox"/> Element III.A.3. D043 and 761 needs to be updated to correctly list the criticality. <input type="checkbox"/> Element III.A.4. 761/762 needs to be re-screened and/or revised. <input type="checkbox"/> Element III.A.7. AMC/AMSC or RMC/RMSC has expired. 761/762 needs to be re-screened and/or revised. <input type="checkbox"/> Element III.A.10. QR needs to be loaded into PRPS. <input type="checkbox"/> Element III.B.3. Return Without Action, Configuration Control is not adequate. Go To <a href="#">Section V</a> for completion. <input type="checkbox"/> Provide 761 and/or 762 copy with the criticality and the QR annotated.		

ESA documents all actions taken and records comments here. Evaluators document all ESA actions not taken or required.



# Timing



- Must manage the data request and the approvals based the item criticality