

AF Life Cycle Management Center



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Source Approval Request (SAR) and Qualification Requirements Familiarization

SASPO Industry Day

23 Feb 17

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Providing the Warfighter's Edge



Overview



AFLCMC... Providing the Warfighter's Edge

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



BLUF



AFLCMC... Providing the Warfighter's Edge

- USAF Seeking Focused SARs
- Reducing Qualification Effort

- Find the Established Qualification Requirements
- Construct Complete SARs
- Submit SARs
- Provide Missing Data, if Required
- Take Action Based on Determination
 - Bid
 - Resubmit
 - Track Approval



AFSC/SB Small Business Office



AFCLMC... Providing the Warfighter's Edge

L.L "Chip" Chambers
AFSC/SB (405) 739-2601
Email:
afsc.sb.workflow@us.af.mil

Responsibilities:

- Liaison between Government and all businesses
- Source Approval Requests (SARs)
- Sources Sought Synopsis (SSS)
- Outreach

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

SBO is the Front Door



Strategic Alternate Sourcing Program Office (SASPO)



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TINKER AIR FORCE BASE JOIN THE AIR FORCE

HOME LINKS NEWS ABOUT US UNITS Search Tinker Air Force Base

CONTACT US

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

Commercially Used and Over Hauled
Match AF requirements to industry availability of commercially-used parts with a military application to create savings through careful implementation of a commercial practice.

Strategic Alternate Sourcing Program Office

SASPO, located within the Air Force Sustainment Center (AFSC), optimizes the alternate sourcing process and leverages opportunities for resolution of obsolescence issues enterprise-wide. SASPO accomplishes this through two mission elements: Source Development and Diminishing Manufacturing Sources and Material Shortages (DMSMS).

DMSMS

[AFMCI 23-103](#)
[GIDEP](#)
[DMSMS Knowledge Sharing Portal/Guidebook](#)
[AVCOM link](#)
[Sharepoint Link \(AF DMSMS Collaboration Sharepoint\)](#)

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 indentured levels
- Reduces MICAPS and increases system availability due to part obsolescence
- Maintain compliance with AFMCI 63-1201 "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

SASPO ANNOUNCEMENTS

Tinker Air Force Base, Okla.

**New* - Industry Day scheduled for 22-23 Feb 17

- [F108 Industry Day Jan 2017](#)
- [Tinker Industry Day Aug 2016](#)
- [Tinker Industry Day Mar 2016](#)

SASPO provides the Spark



SASPO Resources

AFLCMC... Providing the Warfighter's Edge

Department of Energy Labs coordinated reverse engineering for the C-17 Fire Extinguisher Bottle

Commercially Used and Over Hauled
Match AF requirements to industry availability of commercially-used parts with a military application to create savings through careful implementation of a commercial practice.

VENDOR RESOURCES
T.O. Fact Sheet

- Quick Overview of Qualification Process 2015
- White Paper Template
- Small Business Office (SBO) (New Link)

More to come ...

REFERENCE DOCS

- SAR Propulsion Training 2016
- Manufacture Qualification Requirements (MQR)
- Propulsion Critical Safety Items (CSI) & Critical Application Items (CAI)
- USAF Propulsion Manufacture Spare, MQR-PSD-1
- Repair Qualification Requirements (RQR) for Propulsion Critical Safety (CSI) & Critical Application Items (CAI)
- USAF Propulsion Repair, RQR-PSD-1
- Repair Qualification Requirements (RQR) for Propulsion Critical Safety (CSI) & Critical Application Items (CAI) with a Source Demonstration
- USAF Propulsion Repair Source Demonstration, RQR-PSD-2

SASPO ANNOUNCEMENTS
Tinker Air Force Base, Okla.

*New - Industry Day scheduled for 22-23 Feb 17

- F108 Industry Day Jan 2017
- Tinker Industry Day Aug 2016
- Tinker Industry Day Mar 2016

Hill Air Force Base, Utah -- TO COME

Robins Air Force Base, Ga. -- TO COME

SASPO PRODUCTS

- SASPO Commercially-Used Overhauled List from Fall 2016 Requirements
- Fall 2016 Target List
- Fall 2016 G Coded List
- Fall 2016 RPOW Repair
- Fall 2016 RPOW Spares

SOURCE DEVELOPMENT

- FedBizOpps
- Defense Logistics Agency Internet Bid Board (DIBBS)
- Aviation Critical Safety Item Management Handbook (ACSI Handbook)
- Procurement and Management Handbook

CONTACT INFO

E-MAIL: 429SCMS_SASPO.Workflow@us.af.mil
PHONE: SASPO - 405-736-5246 DSN: 336-5246

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

Target List

Training

23-113

MQR

POCs

SASPO Target Lists

6	OC	2840	015412442	JF	HOUSING,GE	548,929.63	1	34	95	58	2,721,949	0	0	0	0	0	2,721,949
7	OC	2840	016032118	NZ	SEAL,AIR,A	51,234.88	1476	434	0	424	522,317	840	1,034,779	840	1,034,779	2,591,876	
8	OC	2840	012403558	PR	BARE FRONT	\$121,005.39	0	0	0	0	0	15	1,815,061	5	605,027	2,420,108	
9	OC	1560	015495101	FG	NOSE RADOM	\$462,168.00	0	0	0	0	0	5	3,310,840	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	56,982.51	67	0	63	103	719,199	98	684,286	95	663,338	2,066,823	
12	OC	2840	016195780	NZ	LOCK RING	54,611.81	0	0	0	270	1,245,189	120	553,417	46	212,143	2,010,749	
13	OC	1560	015298392	FL	CELL,FUEL	518,222.59	0	0	0	39	710,681	35	637,791	35	637,791	1,986,262	
14	OC	2840	008437805	NZ	SUPPORT,SE	519,859.51	0	0	0	21	417,050	39	774,521	39	774,521	1,966,091	
15	OC	1560	015302926	FL	CELL,FUEL	520,795.62	0	50	0	31	644,664	30	623,869	28	582,277	1,850,810	
16	OC	6110	011414879	HY	CONTROL,GE	534,002.45	0	0	0	0	0	0	0	51	1,734,125	1,734,125	
17	OC	1560	015298391	FL	CELL,FUEL	519,954.56	0	66	0	31	618,591	28	558,728	27	538,773	1,716,092	
18	OC	1560	015297626	FL	CELL,FUEL	517,765.97	0	17	0	33	586,277	31	550,745	31	550,745	1,687,267	
19	OC	1560	015302924	FL	CELL,FUEL	518,916.20	0	96	0	42	794,480	24	455,989	23	435,073	1,683,542	
20	OC	1560	015298393	FL	CELL,FUEL	522,643.51	0	85	0	24	543,444	24	543,444	22	498,157	1,585,046	
21	OC	2995	011467571	JF	MANIFOLD,F	546,233.60	4	0	30	10	462,336	13	601,037	11	508,570	1,571,942	
22	OC	1560	015297625	FL	CELL,FUEL	522,050.59	0	39	0	25	551,285	22	485,113	21	463,062	1,499,440	
23	OC	2840	015807061	NZ	SUPPORT,TU	525,450.11	0	6	0	0	0	26	661,703	30	763,503	1,425,206	
24	OC	2840	014901337	OK	CASE,A/B,	538,995.07	0	0	0	7	272,965	15	584,926	14	545,931	1,403,823	
25	OC	2840	014984163	NZ	DUCT,FAN,A	5168,728.00	0	0	0	0	0	5	843,640	3	506,184	1,349,824	
26	OC	1560	015297635	FL	CELL,FUEL	518,335.49	0	45	0	25	458,387	23	421,716	21	385,045	1,265,149	
27	OC	2840	011920808	JF	DUCT,FAN,A	531,571.52	0	0	0	40	1,262,861	0	0	0	0	1,262,861	
28	OC	2840	012311048	OK	FLAMEHOLDE	523,355.43	12	11	0	15	350,331	19	443,753	16	373,687	1,167,772	
29	OC	2840	002803976	NZ	HOUSING,AN	512,815.64	0	0	0	0	0	45	576,704	45	576,704	1,153,408	
30	OC	2840	003214600	NZ	HOUSING,SE	510,885.80	3	19	0	47	513,633	28	304,802	24	261,259	1,077,694	
31	OC	1560	011059521	FG	FUEL ACCES	55,506.12	0	27	0	0	0	155	853,449	31	170,690	1,024,138	
32	OC	2840	012149746	NZ	FAIRING,TU	55,366.40	52	0	58	31	166,358	79	423,946	70	375,648	965,952	
33	OC	3040	012118934	NZ	BELL CRANK	51,341.28	0	0	0	111	148,882	297	396,360	275	368,852	916,094	
34	OC	2840	013084465	NZ	DIVERGENT	53,103.68	600	277	503	0	0	73	226,569	214	664,188	890,756	
35	OC	2840	013094147	NZ	FLAMEHOLDE	515,620.45	0	96	0	0	17	265,548	37	577,957	843,504		
36	OC	2840	016028421	NZ	SEAL,AIR,A	55,152.12	0	145	31	43	221,541	60	309,127	60	309,127	839,796	
37	OC	2840	012050540	NZ	SEAL,AIR,A	52,992.01	163	161	0	0	0	140	418,881	135	403,921	822,803	
38	OC	2840	012919942	JU	HOUSING,GE	5112,068.99	0	0	0	4	448,276	2	224,138	1	112,069	784,483	
39	OC	2840	00968088	RV	SPACER,COM	513,851.98	0	0	0	40	554,079	7	96,964	5	69,260	720,503	

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

- G Coded
- C Coded
- Surplus Overhaul

****Disclaimer**** *The projections may not generate due to variability in demand. The forecast data is for planning purposes only and is not a commitment by the government to purchase the described items.*

SASPO is the Front Page



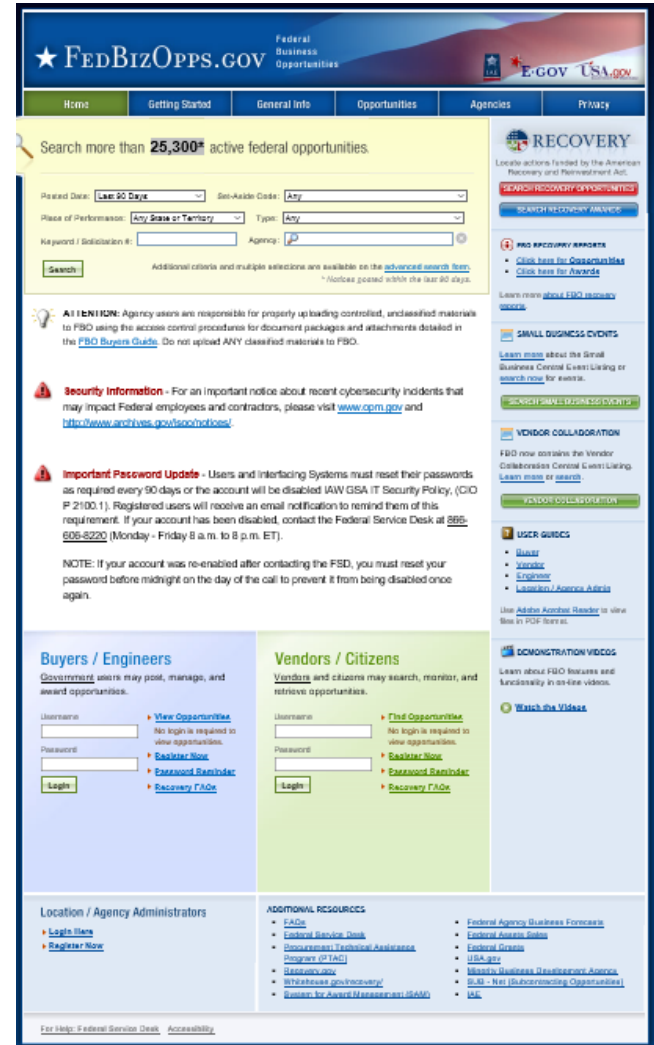
FedBizOpps

https://www.fbo.gov



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- Seek the NSN(s) from any of the target the lists to determine the bidding information and the bid date
- Review and if you have any question please direct them to the POC.
 - Only the POC can provide answers to your question
- The system is a web-based portal which allows review of Federal Procurement Opportunities over \$25,000.
- Search by NSN, Part Number or Key word
- No Account Required



FBO is Key to Data and Dates



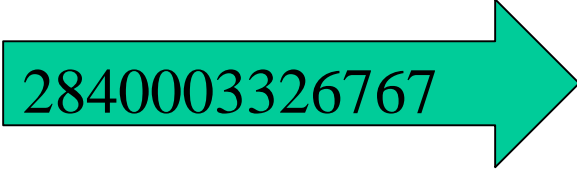
FedBizOpps Start



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- Select the Keyword or NSN from the SASPO Target List
- Enter it into FBO

NUM	ALC	FSC	NIIN	MMAC	ERRC	Noun	FUP	FY17 QTY	FY18 QTY	FY19 QTY	SMC	CAGE	Part #	Source Count	AMSC
1	OC	2840	015909067	JF	N	DAMPER,TUR	\$ 288	1232	0	0	B01E	7482	1993M68G01	2	C
2	OC	2840	016032118	NZ	N	SEAL, AIR	\$ 1,248	424	0	425	380F	52661	4081983-01	1	C
3	OC	3040	012677734	NZ	P	REMOTE CON	\$ 1,070	179	57	103	380E		4067415	2	C
4	OC	2840	012221771	NZ	T	SEAL,AIR,A	\$ 2,246	176	0	151	380E	52661	4067727	1	C
5	OC	2840	003326768	NZ	P	#3 BEARING	\$ 655	171	80	127	380E	23837	4022669	1	C
6	OC	2840	012118933	NZ	T	SUPPORT,SE	\$ 31,216	129	117	104	380N	52661	4065651	1	C
7	OC	2840	003438336	NZ	P	#4 BRG SEA	\$ 681	126	114	120	380E	23837	4032669	2	C
8	OC	2840	003315573	NZ	P	SEAL,METAL	\$ 515	118	93	94	380E	23837	4001529	2	C
9	OC	1680	002499370	FL	T	RUDDEVATOR	\$ 24,639	114	59	67	119Y	81205	5-96332-26	2	C
10	OC	3040	012118934	NZ	P	BELL CRANK	\$ 1,325	111	544	279	380N	52661	4066656	1	C
11	OC	2840	011081279	OP	T	HOUSING, O	\$ 21,843	109	54	57	329F	99207	6047T24G02	1	C
12	OC	2840	015042791	NZ	P	SUP,TURB D	\$ 7,116	103	0	75	380N	52661	4086297	2	C
13	OC	2840	016195780	NZ	N	LOCK RING,	\$ 3,925	90	115	60	380F	52661	4088463	2	C
14	OC	2840	015124427	JF	T	PTO ADAPTE	\$ 8,788	88	0	0	B01E	51992	9733M94G11	2	C
15	OC	2840	015764663	PR	T	HOUSING,OI	\$ 2,566	75	55	47	E07C	7482	9502M29G08	1	C
16	OC	2840	002803976	NZ	T	HOUSING,AN	\$ 23,269	70	57	44	380E	52661	4038606	1	C
17	OC	2840	012050538	NZ	T	SEAL,AIR,A	\$ 4,164	68	0	76	380N	52661	4060230	1	C
18	OC	2840	015438576	RV	T	SEAL,AIR,A	\$ 2,946	66	75	61	411E	52661	822891-01	2	C
19	OO	5998	016295711	WF	N	CIRCUIT CA	\$ 1,930	65	67	67	F16Z		201126351-30	2	C
20	OC	2840	015126705	JF	T	FAN FRAME	\$ 1,755	65	0	2	B01E	7482	9733M96G05	1	C
21	OC	2840	003326767	NZ	P	SEAL,METAL	\$ 690	64	123	84	380E	52661	4022668	2	C
22	OC	2840	003374706	NZ	P	COUPLING A	\$ 4,273	63	0	23	380E	52661	4010242	1	C
23	OC	1680	012465675	JY	T	PANEL,CONT	\$ 7,596	60	4	15	F16Z	67291	16E1085-803	2	C
24	OO	1680	011428095	WF	T	ACTUATOR,E	\$ 42,452	58	69	45	F16Z	81755	16VK013002-4	2	C
25	OC	2840	012783281	NZ	T	SUPPORT,TU	\$ 19,257	55	0	84	380N	52661	4074639	1	C
26	OC	2840	016208083	NZ	P	HOUSING,AN	\$ 5,481	50	163	147	380N	52661	4089010-01	1	C
27	OC	2840	015412442	JF	T	HOUSING,GE	\$ 46,352	49	50	0	B01E	7482	9961M86G08	1	C





FedBizOpps Search



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- FBO Results can yield data and QR
- If no QR is listed return the SASPO Site and determine if QR is available
- If not found contact SBO

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28--SEAL,METALLIC,AIRCOR
 Solicitation Number: FA8121-16-Q-0016
 Agency: Department of the Air Force
 Office: Air Force Materiel Command
 Location: PKCZ Tinker AFB

Notice Details Packages Interested Vendors List Print Link

Note: There have been modifications to this notice. You are currently viewing the original synopsis. To view the most recent modification/ amendment, [click here](#)

Complete View Return to Opportunities List Watch This Opportunity Add Me to Interested Vendors

Original Synopsis Jan 12, 2017 10:01 am
 Changed Feb 14, 2017 9:18 am

Solicitation Number: FA8121-16-Q-0016 Notice Type: Presolicitation

Synopsis:
 Added: Jan 12, 2017 10:01 am
 The Air Force Sustainment Center (AFSC) is contemplating to procure the new manufacture of Line Items cited below for a Firm Fixed Price (FFP) Indefinite Delivery Indefinite Quantity (IDIQ) Contract for a range contract quantity of 31-198 each of Engine Aircraft Metallic Seals to support the F100 Engine. 1. Estimated issue date and estimated closing/response date issued 03 Feb 2017 Closes 03 Mar 2017 2. PRR#- FD2030-16-02411 & FD2030-17-00063 3. Service/Spare/Repair/CH - New Manufacture 4 Item: Engine Aircraft Metallic Seals 5. NSN - 2840-00-332-6767NZ 6. PIV - 4022668 7. Description: SEAL, METALLIC, AIRCOR 8. Total Line Item Quantity: LI 0001 - NSN 2840-00-332-6767NZ, BEQ 107 EA LI 0002 - NSN 2840-00-332-6767NZ, BEQ 2 EA LI 0003 - NSN 2840-00-332-6767NZ, BEQ 6 EA 9. Application (Engine or Aircraft) - F100 10. Destination (USAF) - FOB Origin: Ship to Code: SIVG211, DLA Distribution Depot of Oklahoma, Central Receiving 3301 F Avenue, Building 508 Door 22: Tinker AFB, OK 73145-8000 11. Delivery: LI 0001: 7 EA per month after receipt of funded orders or repairable assets (ARO 30 calendar days), whichever is later, until deliveries are complete. LI 0002: 2 EA per month after receipt of funded orders or repairable assets (ARO 30 calendar days), whichever is later, until deliveries are complete. LI 0003: 6 EA by specified date after receipt of funded orders or repairable assets (ARO 30 calendar days). Early delivery is acceptable. 12. UID: Note to Contractor: If unit price exceeds \$5,000 then UID requirements will apply. 13. Buyer name, phone#, and email address: Erin M Young, 405-734-4027, erin.young.3@us.af.mil 14. AMC Code: R3D This requirement is for the new manufacture of the Engine Aircraft Metallic Seals for the F100 engine program. Sources must be qualified prior to award. To be eligible for contract award, the offeror must be an approved source IAW FAR 52.209-1. Qualification Requirements: The Government is not required to delay contract award to review pending Source Approval Requests (SARs). Therefore, offerors are encouraged to submit SARs as soon as possible. Electronic procedures will be used for this solicitation. Hard copies of this solicitation will not be sent from this office. The solicitation will be available for download at [www.fedbizopps.gov](#). 15. Export Control: No

GENERAL INFORMATION
 Notice Type: Presolicitation
 Posted Date: January 12, 2017
 Response Date: January 12, 2017
 Archiving Policy: Automatic, on specified date
 Archive Date: April 12, 2017
 Original Set Aside: NA
 Set Aside: NA
 Classification Code: 28 - Engines, turbines & components
 NAICS Code: 336 - Transportation Equipment Manufacturing 336412 - Aircraft Engine and Engine Parts Manufacturing

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28--SEAL,METALLIC,AIRCOR
 Solicitation Number: FA8121-16-Q-0016
 Agency: Department of the Air Force
 Office: Air Force Materiel Command
 Location: PKCZ Tinker AFB

Notice Details Packages Interested Vendors List Print Link

Complex View Return to Opportunities List Watch This Opportunity Add Me to Interested Vendors

Original Synopsis Jan 12, 2017 10:01 am
 Changed Feb 14, 2017 9:18 am

Solicitation Number: FA8121-16-Q-0016 Notice Type: Presolicitation

Synopsis:
 Added: Jan 12, 2017 10:01 am Modified: Feb 14, 2017 9:18 am [Track Changes](#)
 Changes are hereby made to the following paragraphs as cited below: Insertion: paragraph 8, paragraph 10, paragraph 11, paragraph 14, paragraph 15 & paragraph 16. All other information remains unchanged.

The Air Force Sustainment Center (AFSC) is contemplating to procure the new manufacture of Line Items cited below for a Firm Fixed Price (FFP) one year contract for Engine Aircraft Metallic Beals to support the F100 Engine.

1. **Estimated issue date and estimated closing/response date**
 Issued 03 Feb 2017, Closes 03 Mar 2017

2. **PRR#**: FD2030-16-02411 & FD2030-17-00063

3. **Service/Spare/Repair/CH** - New Manufacture

4. **Item**: Engine Aircraft Metallic Beals

5. **NSN**: 2840-00-332-6767NZ

6. **PIV**: 4022668

7. **Description**: SEAL, METALLIC, AIRCOR

8. **Anticipated Quantity Ranges**:

31 - 63
64 - 96
97 - 129
130 - 162
163 - 193

The actual quantity will be determined at time of award. The quantity ranges include both USAF and FMS. First Article may be required if contractor has not manufactured within the last three (3) years.

9. **Application (Engine or Aircraft)** - F100

GENERAL INFORMATION
 Notice Type: Presolicitation
 Original Posted Date: January 12, 2017
 Posted Date: February 14, 2017
 Response Date: Mar 03, 2017 11:59 pm Eastern
 Original Response Date: January 12, 2017
 Archiving Policy: Automatic, on specified date
 Original Archive Date: April 12, 2017
 Archive Date: June 12, 2017
 Original Set Aside: NA
 Set Aside: NA
 Classification Code: 28 - Engines, turbines & components
 NAICS Code: 336 - Transportation Equipment Manufacturing 336412 - Aircraft Engine and Engine Parts Manufacturing



Propulsion Master QR Listing



AFLCMC... Providing the Warfighter's Edge

- Located on SASPO Site and FBO
- Keyword Search
 - NSN
 - Part No.
 - Noun
 - Solicitation
- QRs
 - MQR-PSD-1
 - RQR-PSD-1
 - RQR-PSD-2

#	NSN	MAC	TMS	Noun	P/N	Crit	AMSC PRPS	AMSC Expire	AMSC	New MQR	Rev
24	2840-00-331-5572	NZ	F100	Seat - No. 2, Bearing Seal, Front	4001528	CSI S	C	9-Jun-21	3C	MQR-PSD-1	Basic
25	2840-00-331-5573	NZ	F100	Seal, Metallic	4001529	CSI S	C	31-Jul-18		MQR-PSD-1	Basic
26	2840-00-332-5758	NZ	F100	Disk, Compressor, Stage 12	4022612	CSI C				MQR-PSD-1	Basic
27	2840-00-332-6683	NZ	F100	Seat - No 4 Bearing Seal, Rear	4018635	CSI S	C	#####		MQR-PSD-1	Basic
28	2840-00-332-6767	NZ	F100	Seat Assembly, No. 3 bearing seal, rear	4022668	CSI S	C	#####		MQR-PSD-1	Basic
29	2840-00-332-6768	NZ	F100	Seat Assy - No. 3 Bearing Seal, Front	4022669	CSI S	C	#####	1C	MQR-PSD-1	Basic
30	2840-00-335-2669	NZ	F100	Rod-Assy of, Augm Ignitr Flame	4034813	CSI S	C	1-Dec-19		MQR-PSD-1	Basic
31	2840-00-335-2672	NZ	F100	Rod-Assy of, Augm Ignitr Flame	4034815	CSI S	C	9-Nov-20		MQR-PSD-1	Basic
32	2840-00-337-4271	NZ	F100	Bleed Valve Bumber	4022494	CSI S	C	31-Jan-09		MQR-PSD-1	Basic
33	2840-00-337-4704	NZ	F100	Plug, Bearing	4010079	CSI S	C	7-Feb-18	3C	MQR-PSD-1	Basic
34	2840-00-337-4706	NZ	F100	Coupling Assy, T	4010242	CSI FC	C	9-Jun-21		MQR-PSD-1	Basic
35	2840-00-337-4776	NZ	F100	Compressor Support	4016598	CSI C	C	#####	1C	MQR-PSD-1	Basic
36	2840-00-340-7343	NZ	F100	Seal, Air, Aircraft Gas Turbine Engine	4014756, 4018382	CSI S	C	3-Jun-15	3C	MQR-PSD-1	Basic
37	2840-00-340-7417	NZ	F100	Shield, Heat, Aircraft	4026467	CSI S			3C	MQR-PSD-1	Basic
38	2840-00-340-7434	NZ	F100	Support - Front Compressor Stator Bell Crank, Inlet	4026740	LAIDTHEB	C	#####	1C	MQR-PSD-1	Basic
39	2840-00-343-7601	NZ	F100	Seal Assy, Front Carbon Face, Bearing No. 3	4012468	CSI S	C	#####	1C	MQR-PSD-1	Basic
40	2840-00-343-7627	NZ	F100	Arm, Compressor Stat	4026733	CSI I	C	6-Mar-18		MQR-PSD-1	Basic
41	2840-00-343-7644	NZ	F100	Housing, Gearbox Drive Bearing	4028827	CSI S	C	#####		MQR-PSD-1	Basic
42	2840-00-343-7692	NZ	F100	Seal Option No. 2 Assy. Of	4033286	CSI S	C	#####	1C	MQR-PSD-1	Basic
43	2840-00-343-7805	NZ	F100	Support, Seal, Aircr	4028004	CSI I	C	27-Jul-20	3C	MQR-PSD-1	Basic

▶ MQR-PSD-1 RQR-PSD-1 RQR-PSD-2 Crit Aug 16 AMSC Feb 17 RMSC Feb 17 No QR 1



DLA Internet Bid Board System (DIBBS)



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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:

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OK

DLA Internet Bid Board System (DIBBS) Ver. 4.0 Application POC: DIBBSsm@dla.mil

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

DIBBS has the DLA Requirements



Submitter Minimum Requirements



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- CAGE
 - DD form 2345
- Quality Management System
 - AS 9100 or ISO 9001 Certification
- Significant Industrial Process Certification
 - Internal Processes must be NADCAP or OEM Certified
 - Non-destructive Inspection (NDI) Level III for any Method Used
- Sub-Tier Supplier Shall Have
 - CAGE
 - AS 9100 or ISO 9001
 - NADCAP or OEM Process Certification
- Experience (Purchase Order/Shipping Document)
 - Manufactured/Repaired Subject or Similar item within 36 Months for CSI or 84 Months for CAI
- Licensee Agreement if Proprietary Data is Used



Justification for Qualification Requirements



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- 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 → → → JRQR-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 parts. Examples of processes of these parts are listed in:

1.3 → Component Function: The components covered by this justification are part of one or more configurations 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:

23 Oct 15 → → → JRQR-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 QR Waiver or Waiver



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- Waiver issue not to provide Qualification requirements
- 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 then 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 AFMCFARS Part 5309

AMSC/RMSC WAIVER OF QUALIFICATION REQUIREMENTS (QR)[¶]
Determination of Unreasonableness to Specify Qualification Standards[¶]
(FAR 9.202(b))[¶]

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



Waiver means **STOP**



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Waiver Means
STOP!!

Do Not Pass Go

Do Not Submit
a SAR



Acquisition Method Suffix Codes

AMC/AMSC (RMC/RMSC)



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		AMC-QR?																	Mar 2015		
AMSC	Description	Expire (Months)	0	1	2	3	4	5	TEMP	Screen TDP (Given)	ENGR 761 SAW	ES EDL	ENGR JQR	ENGR QR Listing	ENGR MQR	ENGR 84 Waiver	ENGR QR Waiver	ENGR FAT 260	Competitive	Notes	
A	Data Right <u>Questionable</u>	24	No	No	No	No	No	No	Yes	No	Yes	No	Yes	No	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	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	1.2	Yes	No	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	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	Yes	Yes	if 1 or 2	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	Yes	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; Depends1,2	Maybe	Maybe	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	No	No	No	Yes	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; Depends1,2	Maybe	Maybe	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	Yes	Yes	Yes	Yes	No	No	No	Maybe	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	No	Yes	No	Yes	No	No	No	Yes	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	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	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	Controlled; if 1 or 2	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	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	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	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	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

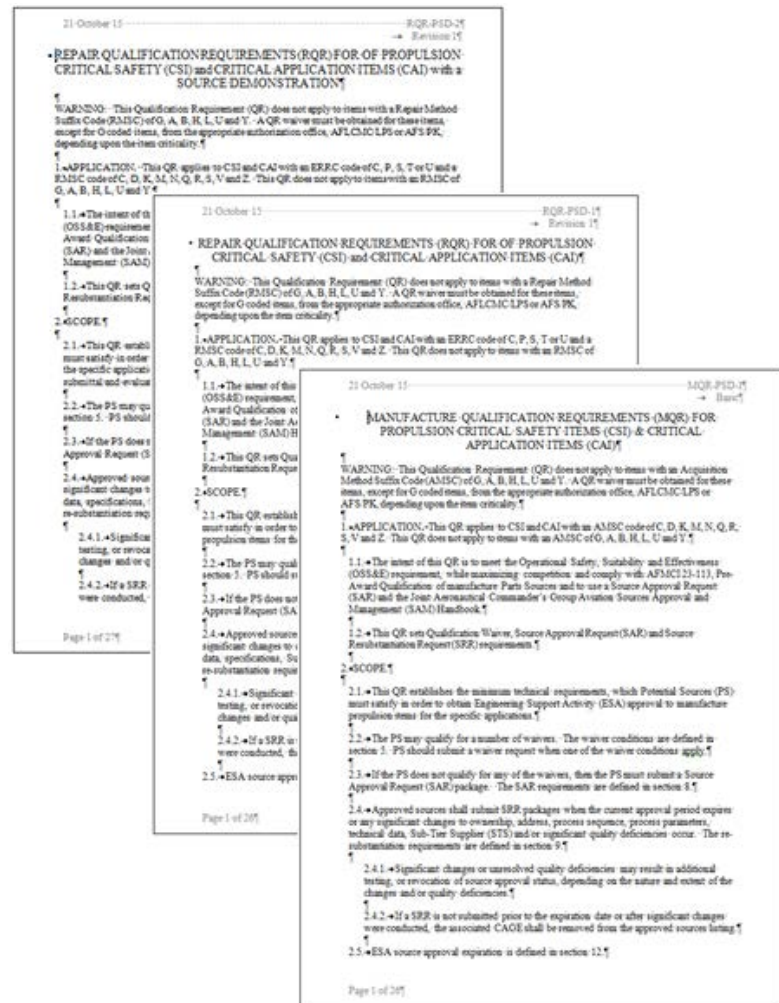


Propulsion Standard QRs



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- QRs do not apply to AMSC/RMSC codes
 - G, A, B, H, L, O, Q, U and Y.
- MQR-PSD-1
 - Applies to CSI (CAT 1 & 2) and CAI (CAT 1, 2, & 3)
 - AMSC: C, K, and M (Government Rights)
 - AMSC : D, N, P, R, S, V and Z (Proprietary)
- RQR-PSD-1 or RQR-PSD-2 (Source Demo)
 - Applies to CSI (CAT 1 & 2) and CAI (CAT 1, 2, & 3)
 - ERRC: C, P, S, T or U
 - RMSC: C, K, and M (Government Rights)
 - RMSC : D, N, P, R, S and Z (Proprietary)



Comply with AFMCI 23-113, CSI & SAM Handbooks



Propulsion Qualification Requirement Outline



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- 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) [20]
 - 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 Waivers



Manufacture(1-7) /Repair(1-8)

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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



Manufacture(1-7) /Repair(1-8)

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- Each Waiver must be accompanied with the required data.
- The data requirements are defined by the QR elements
 - QWC7 has two Phases. Phase 1 Submit and Seek Approval/Phase 2 Submit Artifact
- 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					■	□		



SAR Waiver Determination



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- 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.



Technical Data Request



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- Request Data or Data Rights Purchases for Drawings
- Public Sales Office (PSO) (405) 736-4676
 - 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

Process defined on SASPO Site



AFMCI 23-113 Source Approval Categories



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- 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 are reverse engineered, but not reengineered components.

Reverse Engineering is a Project not a SAR



SAR Data Requirements and Format



AFLCMC... Providing the Warfighter's Edge

- 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)



SAR Master & Lite



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- Master SAR includes (One):
 - Provide Data at the Enterprise Level
 - Cover Letter
 - Technical Data Rights Statement
 - All NSNs on Part-Process Matrix
 - Equipment List
 - Quality History, if Any
 - Licensee Agreements for the Proprietary Data
 - Calibration Schedule
- SAR Lite includes (Many):
 - Production Documentation for Each NSN
 - Travelers, Router or Work Control Document
 - Process Operation Sheet
 - Inspection Method Sheets



Submittal Determination



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Ensure QR has
been found

For Help Contact
SBO or SASPO

Begin SAR
Construction



SAR Construction and Evaluation



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- SAR(s), WAIVER(s), OR RE-SUBSTANTIATION (s) packages
 - 3 Ring binder or similar product
 - a Table of Contents
 - 21 A-U element tabs for the MQRs
 - 21 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.
 - All CDs should be scanned for viruses prior to inserting them in the GOV computer.
 - 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
 - Submitted to:
 - AFSC/SB
 - 3001 Staff Drive, Ste 1AG85A
 - Tinker AFB, OK 73145-3009.



The Offeror shall retain copy until the qualification is expired



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SAR Review Checklist

LPS Form 815 20160401

(May be adapted to reflect needs)



Tab A Cover Letter



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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 that Technical SAR Briefing can be provided upon request.
- State if all material submitted can be destroyed or request the return 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.				



Whole or Assembly Qualification Part- Process Matrix



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		2											F100 Repair Process Verification										
		CAGE																					
		AS3100C ISO9001																					
		NADCAP OR OEM																					
NSN	P/N	Description	AF Crit	Chem Strip	Visual	FPI	ECI	Grit Blast	Plasma Sprag	Blend	Turning	Shot Peen	Shot Peen	Engine Manual Inspect / Repair	Qty shipped last 3 years	Purchase Order Date	Traveler # Rev date	Source Demo Date	Source Demo Insert Op #	Sub Vendor(s) Insert Op# to Ref	Frozen Yes / No	MPB Yes / No	Approval Date
2840-01-192-7404	4065120	F220 Seal - Air, Rear, Compressor, Inlet	CSI											2J-F100-13-7, ____					None		Y		
2840-01-205-7573	4061280																						
2840-01-230-5118	4066383	F220 Plate - Retaining, Turbine, Front 1st Stage	CSI																Traveler Step/OP		Y		
2840-01-582-2802	4089050	F229 Plate - Retaining, Blade, Turbine, 2 Stage Assy Df	CSI																		Y		
2840-01-469-0935	4086315																						
2840-01-352-5680	4080658	F220 Seal - Air, Bearing, No. 4	CSI																		Y		
2840-01-204-9590	4067621	F220 Seal - Air, Turbine, 1st Stage	CSI																		Y		
2840-01-491-9391	4084979	F220 Spacer - Compressor Rotor, 13th Stage	CSI																		Y		
2840-01-205-1165	4062764	F220 Seal - Air, Compressor, 4 Stage	CSI																		Y		
2840-01-205-0535	4062765	F220 Seal - Air, Compressor, 5 Stage	CSI																		Y		
2840-01-205-7555	4061976	F220 Seal - Air, Compressor, 6 Stage	CSI																		Y		
2840-01-205-7576	4061977	F220 Seal - Air, Compressor, 7 Stage	CSI																		Y		
2840-01-205-7556	4061978	F220 Seal - Air, Compressor, 8 Stage	CSI																		Y		
2840-01-205-8297	4061979	F220 Seal - Air, Compressor, 9 Stage	CSI																		Y		
2840-01-207-7052	4061780	F220 Seal - Air, Compressor, 10 Stage	CSI																		Y		
2840-01-205-7574	4061771	F220 Seal - Air, Compressor, 11 Stage	CSI																		Y		

- Part- Process Matrix has 4 steps.
 - 1 Part-Process Matrix
 2. Process Certification
 3. Production Documentation
 4. ESA Approval

ESA provide the NSN Listing/Initial Matrix



Whole or Assembly Qualification



Part- Process Certification

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CAGE	Enter Data Here for Internal and External Sources									STS
AS9100C ISO9001	Enter Data Here for Internal and External Sources									
NADCAP OR OEM	Enter Data Here for Internal and External Sources									
AF Crit	Chem Strip	Visual	FPI	ECI	Grit Blast	Plasma Spray	Blend	Turning	Shot Peen	Shot Peen

- Provide all the AS 9100 or ISO 9001:2015 expiration dates and NADCAP or OEM certifications/approvals for each significant industrial process used for both internal and external purposes
 - CAGE for Whom will be performing that Process
 - AS 9100 or ISO 9001 Expiration Date (Include copy of the Certificate)
 - Enter the Certification Expiration Date for the Significant Industrial Processes (Include copy of the Certificate)
 - If Multiple Sources are to be used then Split the Process to show the Distribution



Tab B Technical Data Right Statement



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- 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. TECHNICAL DATA RIGHTS CERTIFICATION STATEMENT (TDRCS) (MAJOR)	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



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- 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)		Yes	No	N/A
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:		Go to 5.		
6. Are there any special concerns to be noted?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOTES & COMMENTS (N&C):		N&C		
○ 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



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- 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"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. DoD SS No.:				Date:		
3. Is the SS Approval Letter current?				<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<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"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Is the Offeror's Quality Assurance Manual (QAM) provided?				<input type="checkbox"/>	<input type="checkbox"/>	<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.)						



FAR 46.202-4 -- Higher-Level Contract Quality Requirements



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- (a) Agencies shall establish procedures for determining when higher-level contract quality requirements are necessary, for determining the risk (both the likelihood and the impact) of nonconformance, and for advising the contracting officer about which higher-level standards should be applied and included in the solicitation and contract. Requiring compliance with higher-level quality standards is necessary in solicitations and contracts for complex or critical items (see 46.203) or when the technical requirements of the contract require --
 - (1) Control of such things as design, work operations, in-process controls, testing, and inspection; or
 - (2) Attention to such factors as organization, planning, work instructions, documentation control, and advanced metrology.
- (b) Examples of higher-level quality standards include overarching quality management system standards such as **ISO 9001, ASQ/ANSI E4; ASME NQA-1, SAE AS9100, SAE AS9003, and ISO/TS 16949, and product or process specific quality standards** such as SAE AS5553.



Tab E Subject Drawings/Tech Data

Part 1: Manufacturing



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- 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◇
1. Subject Item Drawings (Manufacturing QR Only)						
a. Drawing Package:						
1) Is this a Manufacturing SAR?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<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"/>	<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"/>	<input type="checkbox"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<input type="checkbox"/>
b. Raw Material:						
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"/>	<input type="checkbox"/>
c. Item Dimensions:						
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"/>	<input type="checkbox"/>
d. Special Tooling (ST): Ensure the 761 ST/STE Required Block matches answer d.1.						
1) Is there any ST required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Are ST drawings available?	<input type="checkbox"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<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

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- 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"/>	<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"/>	<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"/>	<input type="checkbox"/>	
5) Are the first pages of the subordinated work package(s) provided?		<input type="checkbox"/>	<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"/>	<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	<input type="checkbox"/>	
8) Are all of the repair procedures included?		<input type="checkbox"/>	<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"/>	<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"/>	<input type="checkbox"/>	
3) Is the ST available to the proposed Offeror?		<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"/>	
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"/>	
6) Will the proposed Offeror build ST?		<input type="checkbox"/>	<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"/>	<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

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Certifications

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

46.202-4 -- Higher-Level Contract Quality Requirements.

(a) Agencies shall establish procedures for determining when higher-level contract quality requirements are necessary, for determining the risk (both the likelihood and the impact) of nonconformance, and for advising the contracting officer about which higher-level standards should be applied and included in the solicitation and contract.

Requiring compliance with higher-level quality standards is necessary in solicitations and contracts for complex or critical items (see 46.203) or when the technical requirements of the contract require --

- (1) Control of such things as design, work operations, in-process controls, testing, and inspection; or
- (2) Attention to such factors as organization, planning, work instructions, documentation control, and advanced metrology.

(b) Examples of higher-level quality standards include overarching quality management system standards such as **ISO 9001**, ASQ/ANSI E4; ASME NQA-1, **SAE AS9100**, SAE AS9003, and ISO/TS 16949, and product or process specific quality standards such as SAE AS5553.

29 April 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 Forging 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 Machining	7116
15	Electro-Stream Drilling	7116
16	Laser Beam Metal Removal Processes	7116
17	Electron Beam Processes	7116
18	Blasting Processes:	NA
18a	Aluminum Oxide	NA
18b	Silicon Carbide	NA
18c	Plastic Bead	NA
18d	Glass Bead	NA
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:	NA
26a	Honing	NA
26b	Sutton Barrel	NA
27	Dimensional Inspection/Tolerancing	7130
28	Water-Jet Stripping	NA
29	Assembly Procedures	NA

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Tab F Specifications



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- 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 <input type="checkbox"/>																																																																																																				
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="1"> <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 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NOTES & COMMENTS (N&C):																																																																																																							
Additional Comments:																																																																																																							

Data Rules from Element E Apply



Tab G Sub-Tier Supplier (STS)



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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):							
○ Element IV.G.1. Copy of the Sub-Tier Suppliers List (Scan and upload separately)							



Tab H Quality History



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- 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"/>	<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.			

Provide all CARs & CAPs for Major Events



Tab I Similar Tech Data & Drawings

For Category II SARs Only



AFLCMC... Providing the Warfighter's Edge

- (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

I. SIMILAR ITEM DRAWINGS OR TECHNICAL DATA: (CAT II) (MAJOR)	◇ ◇ If On, Go to K.		
	Yes	No	N/A◇
1. Drawing Packages: (Print 761 and EDL if available)			
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"/>	
2. Repair Technical Data Package: (Print 762 and RDL if available)			
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"/>
3. Raw Material:			
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



AFLCMC... Providing the Warfighter's Edge

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

J. SIMILARITIES/DIFFERENCES OF SUBJECT/SIMILAR ITEMS:(CAT II) (MAJOR)	◇ ◇ 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"/> <small>Activate</small>	<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.			

Material, Process, Features and Tolerance



Tab K Purchase Order & Shipping

Same as Element L and M



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- 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

K. PURCHASE ORDERS & SHIPPING DOCUMENTS: (MAJOR) (◇ 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



AFLCMC... Providing the Warfighter's Edge

- 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"/>	<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)



AFLCMC... Providing the Warfighter's Edge

- 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 <input type="checkbox"/>
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"/>
10. Production Statistical Process Control (SPC)			
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



AFLCMC... Providing the Warfighter's Edge

- 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 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: https://www2.supplychainwebcenter.com/sprofile/fw/jsp/appcont.jsp			



Tab O Licensee Agreement



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

AFLCMC... Providing the Warfighter's Edge

- 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.

O. LICENSE AGREEMENT (LA): (MAJOR)	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 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



AFLCMC... Providing the Warfighter's Edge

- 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

P. VALUE ADDED (BY PRIME OR OEM): (MINOR)	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 & COMMENTS (N&C):</p> <p><input type="checkbox"/> Element IV.P.1. Copy of the Value Added Statement</p>			

What's the OEM Input or Contribution?



Tab Q Gov't/Prime Site Surveys



AFLCMC... Providing the Warfighter's Edge

- 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



AFLCMC... Providing the Warfighter's Edge

- 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



AFLCMC... Providing the Warfighter's Edge

- 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

U. GOVERNMENT QUALITY ASSURANCE COMPLIANCE: (MAJOR)	Yes	No	N/A 
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



AFLCMC... Providing the Warfighter's Edge

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

AA. ESA/OEM APPROVAL LETTER: (MAJOR)				◇ 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



AFLCMC... Providing the Warfighter's Edge

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

AB. NOVATION LETTER: (MAJOR)				◇ Waiver Only		
1. Did the Potential Source submit a Notification Letter to the PCO assuming contractual responsibility?				<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.						



Pre-Submittal SAR Audit



AFLCMC... Providing the Warfighter's Edge



- Conduct a Pre-Submittal Self Audit prior to submitting the SAR
 - Ensure the QR has been posted or provide by the DOD and was used to create the SAR
 - Ensure the required elements contain the required documents
 - Ensure the quality of the documents
 - If errors are present provide the Corrective Action Taken
 - Ensure Data Rights have been Reviewed
 - Ensure SAR was created to the QR, not AFMCI 23-113.
 - Check the SAR Completeness and Order.
- Submit SAR



Non-Technical SAR Review



AFLCMC... Providing the Warfighter's Edge

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"/>	<input type="checkbox"/>
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



AFLCMC... Providing the Warfighter's Edge

LPS 815 Element 2

- 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

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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Technical Data Rights Certification Statement	<input checked="" 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"/>
C. Supplier Brochure & Correspondence (Tooling List Only)	<input checked="" 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"/>
D. Quality Assurance Documentation	<input checked="" 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"/>
G. Sub-Tier Supplier (Sub-Vendor) Information	<input checked="" 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"/>
H. Quality History	<input checked="" 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"/>
J. Similarities/Differences of Subject/Similar Items	<input checked="" 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"/>
K. Purchase Orders & Shipping Documents <input type="checkbox"/> \$\$\$	<input checked="" 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"/>
L. Process/Operations Sheets & Travelers	<input checked="" 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"/>
M. Inspection Method Sheets (IMS)	<input checked="" 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"/>
N. Prime Contractor's Quality Rating System Report	<input checked="" 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"/>
O. License Agreement, If Applicable	<input checked="" 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"/>
Q. Government/Prime Contractor Surveys	<input checked="" 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"/>
T. Master Tooling Certifications	<input checked="" 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"/>
U. Government Quality Assurance Compliance	<input checked="" 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"/>
AA. ESA/OEM Approval Letter	<input checked="" 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"/>
AB. Novation Letter	<input checked="" 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"/>
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 checked="" type="checkbox"/>									



SAR Evaluation



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LPS 815 Element 4

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

- 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

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



Missing Data Request



AFLCMC... Providing the Warfighter's Edge

- 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)

Provide Response within 72 Hours



Disposition Letters



AFLCMC... Providing the Warfighter's Edge

- Engineering (ESA) reviews the 815 and ensures QR elements and artifacts have been complied with.
 - Disapproval Letter
 - All Missing data
 - All Deficiencies
 - And Returns the SAR along with the Disapproval Letter
 - Approval Letter
 - Lists any restrictions:
 - Licensing agreements
 - Statistical Control Plans
 - Return without Action Letter
 - 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
 - If Approved, Adds new sources to the Approval Source List, 761 or 762
 - Expiration Date will be Defined



Distributors/Dealers



AFLCMC... Providing the Warfighter's Edge

- 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



Source Resubstantiation Request (SRR)



AFLCMC... Providing the Warfighter's Edge

- 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.

To Resubstantiate, CAGE must have produced Subject Item within the Approval Period, else a SAR CAT II or Waiver must be submitted.



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



Self-Assessment (SA) Checklist



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- Comprehensive review of the Quality Management System and all supporting documents
 - 15 Page Checklist
- 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)

DoD Site Survey Number:	START DATE:	COMPLETE DATE:
DoD Site Survey Number = (CAGE Code) - (Lead Service AR/AF/NA/DC) - (month and last two digits of year) e.g. 81996-AF-0314.		
DoD Self-Assessment Number:	Date:	
DoD SA Number = (CAGE Code) - (Self-Assessment SA) - (month and last two digits of year) e.g. 81996-SA-0314.		
INSTRUCTIONS: 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.		
CHECKLIST ITEMS 2 THROUGH 5		
References and Artifacts: 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.		
Dates: When entering dates in the form use the following format. DD MMM YY		
Art/Pass: Fill in check box in Art Column if Artifact is provided. Pass Column is reserved for government use only.		
Tab: 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.		

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

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



Site Survey (SS) Determination



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- 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)



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- 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

DEPARTMENT OF DEFENSE		
<u>VENDOR SITE SURVEY REPORT</u>		
Survey Finding Number:		Classification -
<small>INSTRUCTIONS: 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.</small>		
<small>Finding Number = (Survey Number) - (sequential number, beginning with 01) e.g. 81996-AR-0804-05.</small>		
Finding Classifications:		
<small>Critical - 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.</small>		
<small>Major - 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.</small>		
<small>Minor - 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.</small>		
<small>Observation - 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.</small>		
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 (C-U/O) Buys



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• ESA determines NSN Candidacy

- F108, TF33, T56, T34 & F117
- Part Numbers
- Manufacturing Sources
- Repair Sources
- Technical Requirements

Engines	Approved Repair Source	Seeking Repair Sources
F108	\$ 171,948,713	\$38,921,017
T56	\$ 21,259,357	\$6,229,893
TF34	\$ -	\$13,985,087
TF33	\$ 22,965,312	\$77,469,455
J85	\$ 14,254,512	\$28,887,601
T700	\$ -	\$ 336,0000
	\$ 230,427,894	\$165,829,053

SURPLUS MATERIEL WORKSHEET				DATE
				11 APR 2012
REQUEST FOR EVALUATION				
NSN	PART NUMBER	CAGE	APPLICATION	
2915012368314PN	1317M47G02	07482	F108 Engine	
IMS Denny, Michael F				
SURPLUS MATERIEL MAY BE AVAILABLE MUST BE PERFORMED IAW AFMCA			EN813-PSD-1	
THE EVALUATION ON T TYPES/CATEGORIES			NATIONAL STOCK NUMBER: 2840-01-187-3200 PART NUMBER: 301-288-251-0	
II.			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)	
			Manufacture CAGE:	Part Number
			58828	301-288-251-0
			58828	301-288-256-0
			58828	301-288-257-0
			58828	301-288-256-0
			58828	301-288-257-0
			Overhaul and Certification: ESA Approved Sources of Repair and the Designated Technical Data: (These sources are not contractually bound to provide services)	
			Repair CAGE:	Company Name:
			062W2	GEES
			1GE54	Propulsion Technologies
			58828	CFMI
			FAF35	Sneema
			1LKE9	Chromalloy
			Technical Data Designation: CFM56-2A/-2B Technical Data Title: CFM56 ENGINE SHOP MANUAL	
			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.	
			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).	
			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.	
			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.	
			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.	
			NO ITEMS REMOVED FROM ENGINES THAT OPERATED IN VOLCANIC ASH, RADIATION EXPOSURE, OR SUBMERGED, OR WERE ACQUIRED OR FORMALLY OPERATED BY EMERY EXPRESS WILL BE ACCEPTABLE.	
			Inspection/Acceptance:	
			DCMA inspection at source prior to shipment is required.	
			EVALUATOR:	OFFICE SYMBOL
			1230942265	AFLCMC/LPSBAB
			PHONE	COMPLETED DATA
			734-5019	11 jan 13

C-U/O PowerPoint Slides on SASPO Site



Frozen Traveler Update



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- All CSI Production Documentation is Frozen after approval or FAT acceptance, which is last.
- If Supplier requires the Production Documentation to be updated after approval, then must submit an update request including changes and supporting documentation:
 - New Production Documentation
 - STS List
 - Copy of the Front Pages of the Data that drove the Change
 - Approval Letter
- The Changes shall not be implemented unless ESA or PCO provide approval.
- Submit Changes to SBO
- ESA will review and provide determination and update approval letter to reflect the new traveler update



Summary



AFLCMC... Providing the Warfighter's Edge

- 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



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Questions?



AIR FORCE LCMC