

448th Supply Chain Management Wing

Industry Day Source Approval Request (SAR) Training



429 SCMS/GUMD
March 2025

Supplying Warfighter Dominance

UNCLASSIFIED

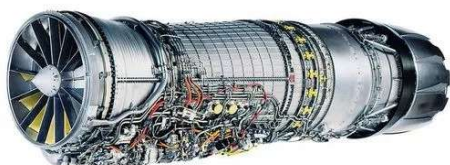
Industry SAR Training

Source Approval Request (SAR) and Qualification Requirements





The Need



F110: 9 PNs,
43.7 MM 4-year forecast



F100: 45 PNs,
28.5 MM 4-year forecast



B-2: 1 PN,
18.0 MM 4-year forecast



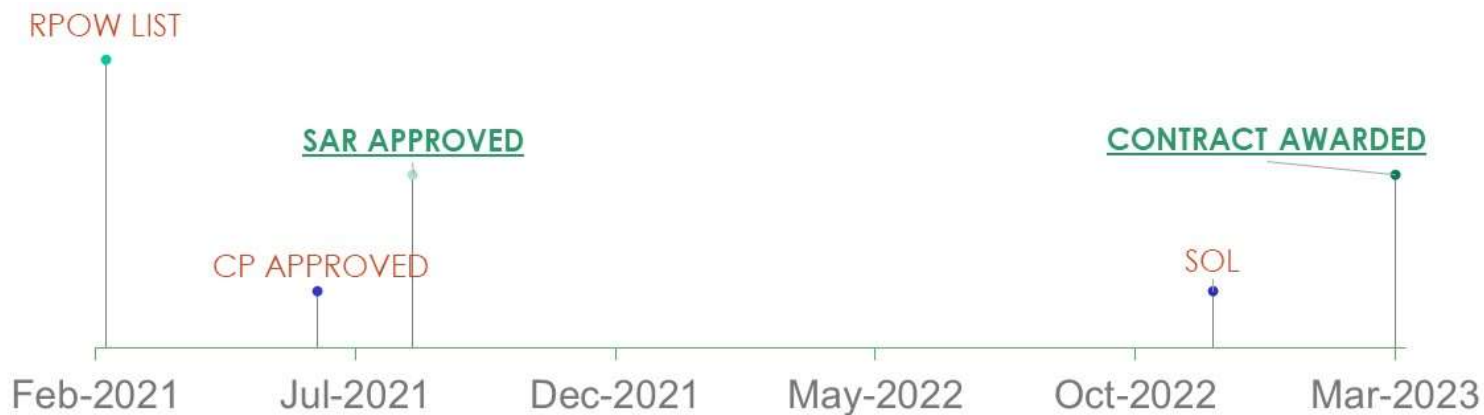
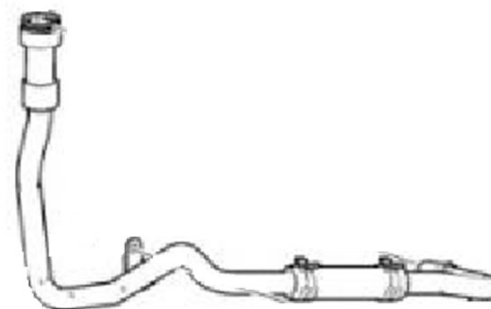
Temp/PX CTRL: 3 PNs,
1.6 MM 4-year forecast



Example – Propulsion Success

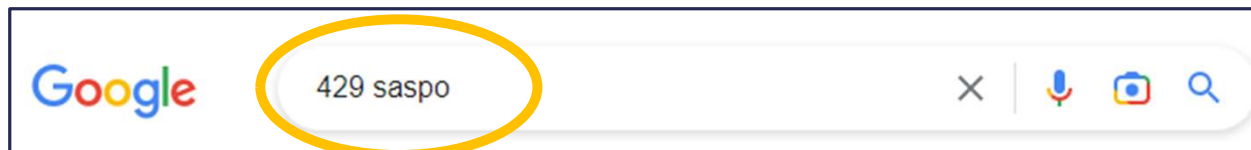
F100 PX Oil Tube:

- SIMILAR ITEM: Scavenge Tube
- CORRECTIONS: Company/STS Names/CAGES in travelers
- AWARD: \$119K, MAR 2023

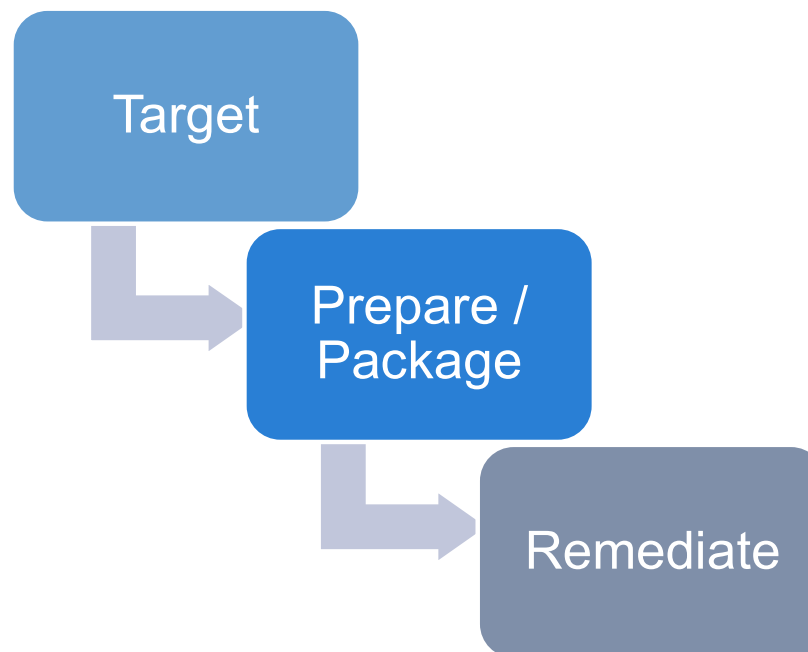




START HERE:



- Find:
 - Slides from today
 - Focused products lists (RPOW – Requirements Projections over Web)
 - Submission Formats





RPOW Lists

Site (Robins/OKC/Hill)

Weapon System

ALC	FSC	NIIN	MMAC	NOUN	P/N	AMC	AMSC	Estimated FUP	FY24 QTY	FY24 VALUE
WR	1680	999582695	MH	REEL,SHOULDER HARNE	MBEU200425-1	3	R	\$6,640.06	45	\$298,802.70
OC	4810	998622958	FL	VALVE ASSEMBLY,MOTO	FR5709806	3	D	\$88,826.92	1	\$88,826.92
OC	1560	997716582	FL	PYLON,AIRCRAFT	75021008-2	3	D	\$194,303.80	1	\$194,303.80
OC	1680	996815560	FL	FLIGHT REFUELING PO	43323000-6	3	D	\$16,019,949.15	8	\$128,159,593.20
OC	1680	992162169	FL	CONTROLLER,POD	4332-1117-00	3	D	\$135,984.83	17	\$2,311,742.11
OC	1660	991925019	FW	SELECTOR,OXYGEN,AIR	2457W000-002	3	P	\$45,298.07	2	\$90,596.14
OO	1270	991797577	WF	COMBINER ASSEMBLY,C	49836	3	R	\$49,860.56	53	\$2,642,609.68
OC	1560	991687383	FL	DOOR,ACCESS,AIRCRAF	43324601	3	D	\$11,562.00	1	\$11,562.00
OO	1290	991317632	WF	PANEL,CONTROL,ELECT	229-049788-01	3	R	\$53,077.61	1	\$53,077.61
OC	6115	991254902	FL	GENERATOR,DIRECT CU	43329106	3	D	\$36,287.29	18	\$653,171.22
OC	1680	990525087	FL	DROGUE ASSEMBLY	6508840	3	D	\$55,184.50	34	\$1,876,273.00
OC	1650	990370776	FL	MOTOR UNIT ASSEMBLY	43328724	4	R	\$12,393.01	31	\$384,183.31
OO	6130	219142914	WF	POWER SUPPLY	16VE173002-7	1	C	\$24,500.00	5	\$122,500.00
WR	1620	200022833	TM	LANDING GEAR,RETRAC	200-1425-001	3	R	\$32,493.14	1	\$32,493.14
OO	1630	145792901	LE	HEAT SHIELD,WHEEL,A	A37387	3	R	\$796.55	0	\$0.00
OO	1630	145423298	LE	HOUSING,PISTON,WHEE	GA31860	3	R	\$5,546.36	7	\$38,824.52
OC	2925	145201469	PN	SENSOR ELEMENT,TEMP	301-798-601-0	3	Z	\$7,616.77	0	\$0.00

Future Unit Price

Annual Quantity



RPOW Lists – Archive Info Search (SAM.GOV)

A	B	C	D	E	F	G	H
ALC	FSC	NIIN	WEAPON SYSTEM				
OO	1630	145603697	KC135R,KC135T,NC135W,OC135B,				
OC	6605	013574510	F015C,F015D,F015E				
OC	2840	012311048	AT038B,J0085005M,J0085005R,J0				

☐ Any Words *i*

☒ All Words *i*

☐ Exact Phrase *i*

e.g. 1606N020Q02

00000000000000 x

Federal Organizations

Enter Code or Name ▼ ...

Status ^

☒ Active

☒ Inactive

Reset ↻

R--Information Technology Support for the Information Resource Department of the Naval War College

Notice ID: 00000000000000

This Modification Notice is posted to modify the Synopsis posted on 27 M 2008 for the same requirement. The Synopsis now reads as follows: The Phila...

J--MK48 TORPEDO INTERMEDIATE LEVEL MAINTENANCE

Notice ID: 00000000000000

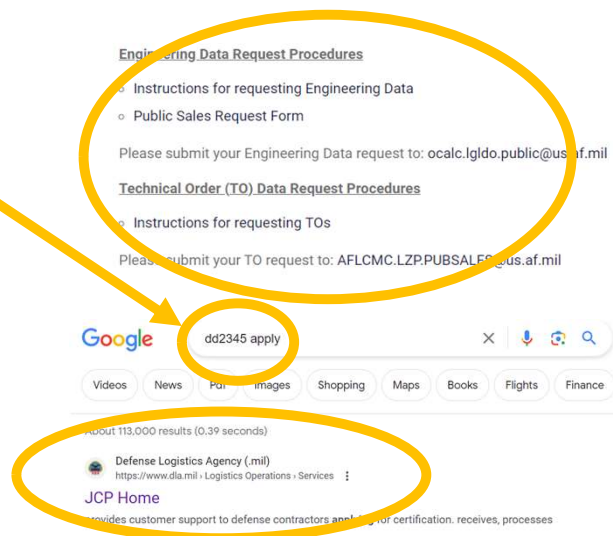
This synopsis is being posted to both the Federal Business Opportunities(FBO) page located at <http://www.eps.gov> and the Navy Electronic Commerce on L...



Obtaining Tech Data

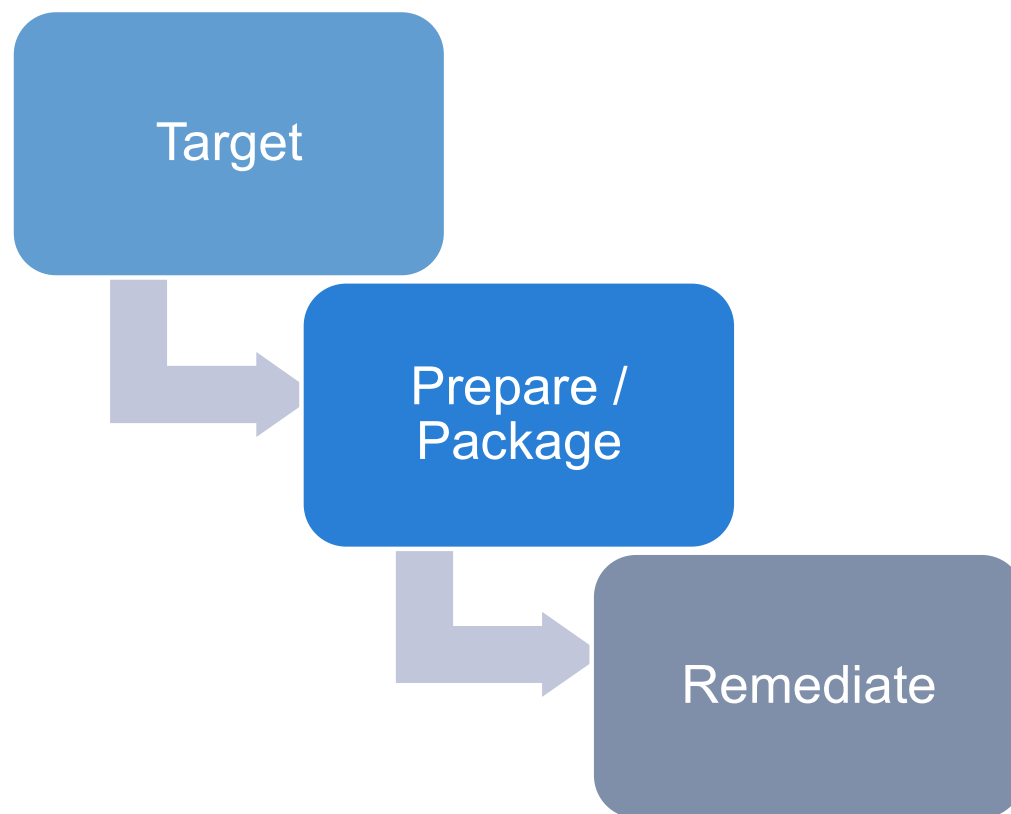
On SASPO Website:

- Expedited process if under solicitation.
- MUST have DD2345 or export control license approved for data.
- Public Sales Office (405)
736-4676





SAR Roadmap





SAR Categories

CAT I

- **"We've made this before for customer X, and we want to make it for you, too!"** The supplier has manufactured or overhauled exact item for the OEM, DOD, or Commercial entity.



CAT II

- **"We haven't made this item, but we've made one quite similar,** and based upon that manufacturing process's complexity and the criticality, we'll be able to make/repair the item."



CAT III

- **'We've made nothing similar thus far, but we have the ESA/OEM-approved data, and here is our plan.'**

CAT IV

- **"We propose this part,** which we can make/repair, **as a substitute for the part you need."** (FAA PMAH, RE/RD, Etc.)

NOTE – CAT III and CAT IV SARs are not usually considered for propulsion items. NOTE – Separate approvals are required for REPAIR and MANUFACTURE of items.



Which format / qualification requirement?

Critical items require pre-qualification (source approval):

- **Propulsion: MQR-PSD-1 or RQR-PSD-1**
- **Most non-propulsion: RQR-848 or 848 SCMG MQR (pointers to AFMCI 23-113)**

Note: DLA items & those managed by other services may have different requirements.

REFERENCE DOCS

- **Propulsion**
 - ***SAR packages using the format from MQR-PSD-1 Rev 1 (12-July-2018) and RQR-PSD-1 Rev 2 (12-July-2018) will no longer be accepted after July 31, 2020. Please use the format found in MQR-PSD-1 Rev 2 (29-October-2019) and RQR-PSD-1 Rev 3 (28-January-2020) for all future SAR packages.***
 - SAR Propulsion Training
 - Company Profile Template
 - SAR Template
 - Instructions for SAR and Company Profile Templates
 - USAF Propulsion Manufacture Spare, MQR-PSD-1
 - USAF Propulsion Repair, RQR-PSD-1
- **848th SCMG**
 - 848 QR Master Item List
 - JQR-848
 - RQR-848
 - 848 SCMG MQR 17 Aug 2020
 - 848 SCMG MQR Master List October 2021
- **Guidance/Instructions/Links**
 - AFMCI23-113
 - AFMCI21-113 (SCMG)
 - PUBLOG
 - Sam.gov
 - DLA Internet Bid Board System (DIBBS)
 - JACG Source-Approved and Management Handbook
 - 448 SCMW SCRM Acquisition Guide



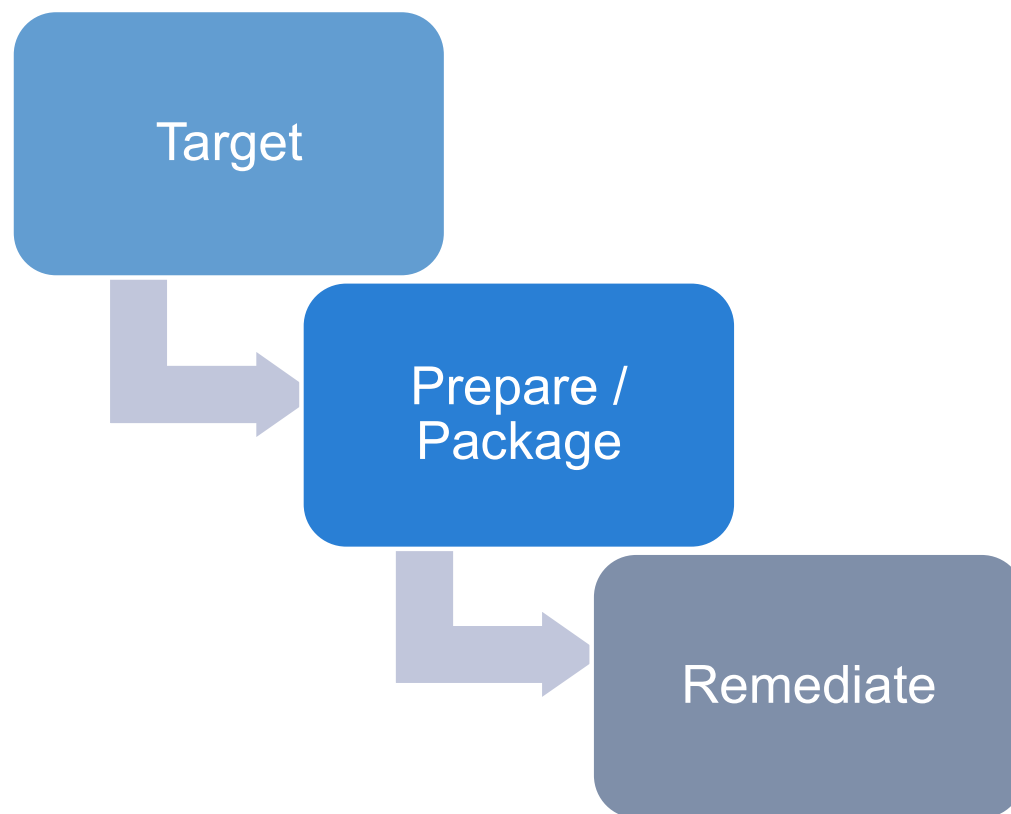
Which format / qualification requirement?

Required Element Description	SAM	USAF NON-PROP	USAF PROPULSION	DLA	NAVAIR SPARES
Cover Letter	1	1	10	1	1
Technical Data Rights Certification Statement	2	2	7	5	3
Supplier Brochure & Correspondence	3	3	1	1	2
Quality Assurance Documentation	4	4	4	1	8
Subject Item Drawings	5	5	2	2	11
Subject Item Specifications	6	6	2	2	12
Sub-tier Supplier List	7	7	4	6	12
Quality History	8	8	7	15	10
Similar Item Drawings	9	9	11	8	14
Similarities/Differences of Subject/Similar Item	10	10	10	10	13
Purchase Orders & Shipping Documents	11	11	13	7	15
Process/Operations Sheets (POS/Op Sheets)	12	12	3	3	17
Inspection Method Sheets (IMS)	13	13	3	16	18
Prime Contractor's Quality Rating System	14	14		14	8
Licensee Agreement (if agreement exists)	15	15	8	14	4
Value Added (By Prime or OEM)	16	16		19	6
Government / Prime Contractor Surveys	17	17		1	8
Pre-Qualification Test Plans	18	18		13	
Test Results	19	19		13	
Master Tooling Certifications	20	20	8	4	5
Government Quality Assurance Compliance	21	21	9		7



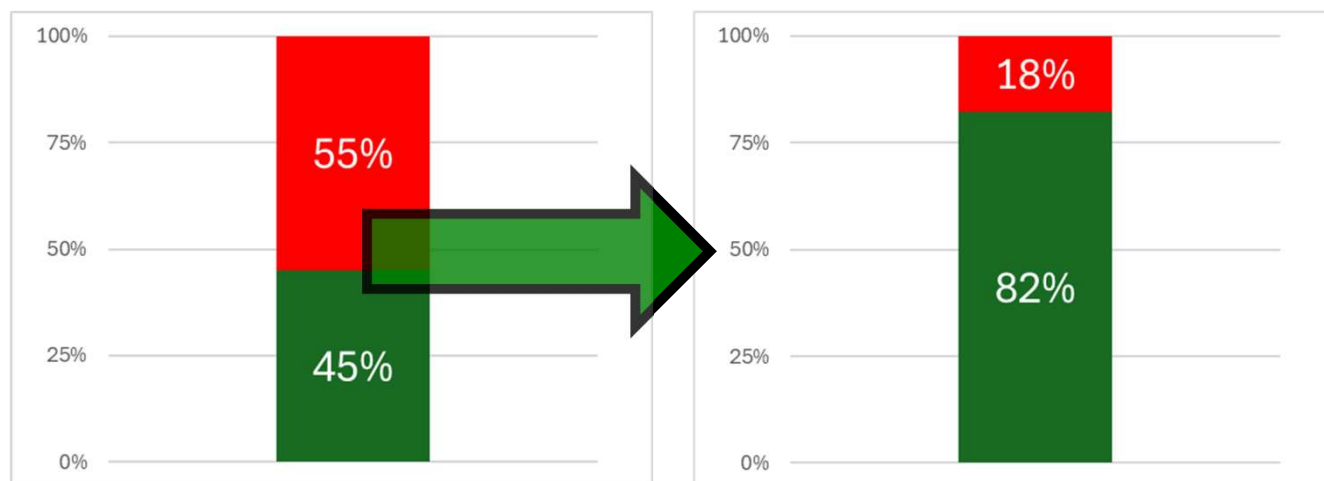
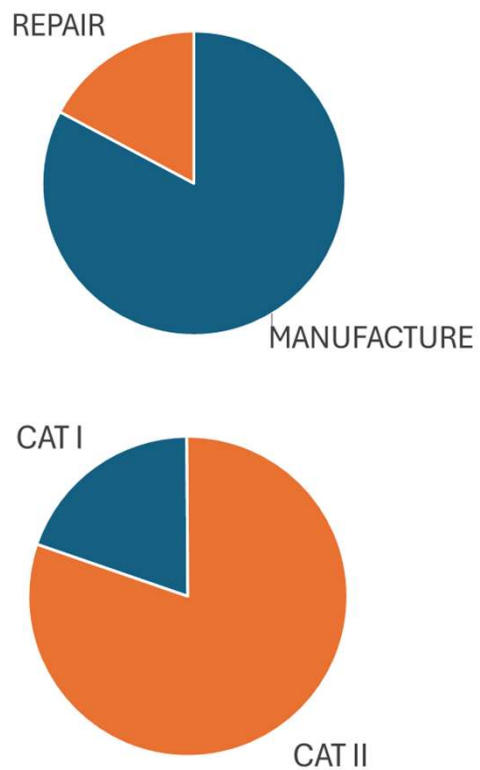


SAR Roadmap



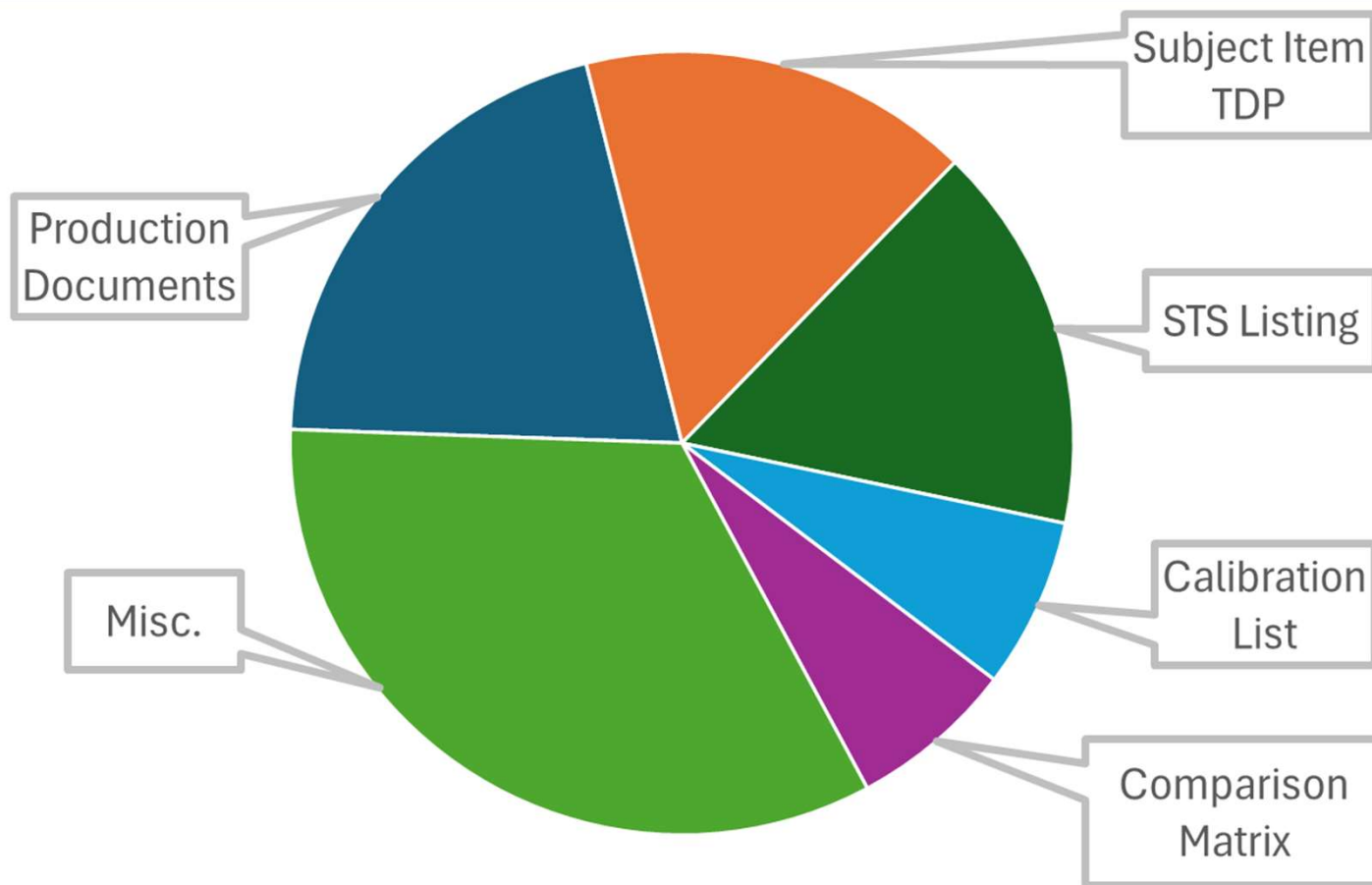


Overview – 2024 Numbers





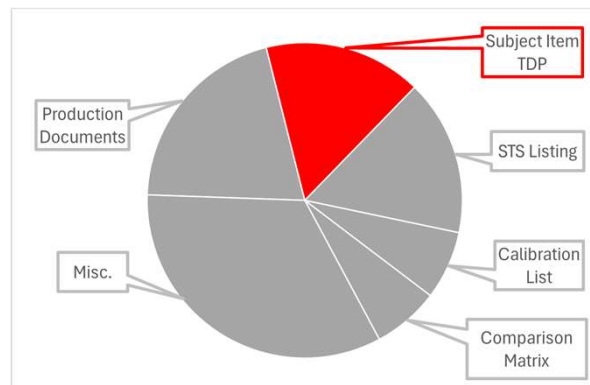
Fixes – Frequent



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Tech Data Package

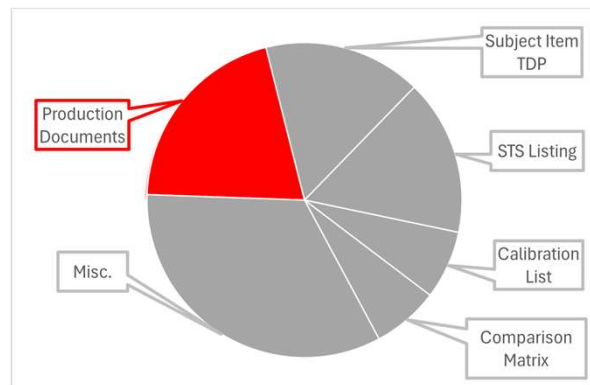


ENG DRAWING NUM/ ACCOMP DOC NUM	REV	NR SHEETS	FURN CODE	DIST CODE	NOUN
4088463	A	0000	S		RING
QAD4088463		0000	S		QUALITY ASSURANCE DATA
PWA11	CE	0000	S		HEAT TREATMENT
PWA310	BG	0000	S		IDENTIFICATION MARKING
PWA360	U	0000	S		INTERPRETATION OF DRAWING
PWA367	R	0000	S		ENGINEERING CONTROLLED PROCESSES

missing
multiple
specs
Specifications
drawing required
rev data EDL
page
spec



Production Documents



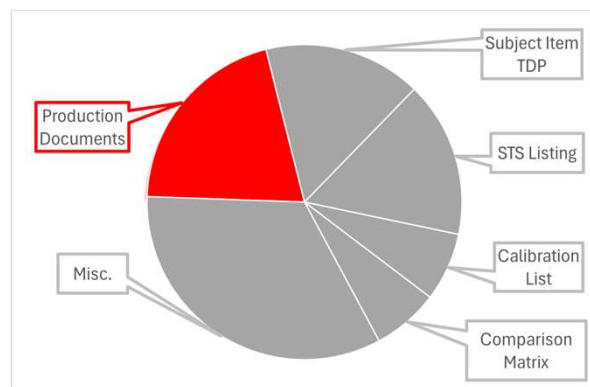
IMS
POS
cage
errors
dimensions
updated
sampling
Traveler
name/CAGE
specific
part
prescribed
process
document
plan
processes
descriptions
names/CAGEs
STS

TRAVELER			
CUSTOMER	USAF - TINKER	PART NUMBER AND REVISION	402020 REV L
SAMPLE PLAN	1 EVERY 4	JOB NUMBER	1985-100
OP	DESCRIPTION	ACCEPT?	
10	DRAW RAW MATERIAL		
20	MACHINE PER OEM DRAWING 402020		
30	HEAT TREATMENT		
40	INSPECT		
50	PACK AND SHIP		





Production Documents

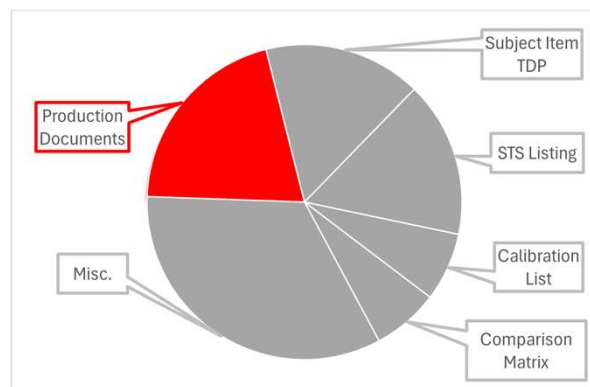


IMS
POS
cage
errors
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updated
sampling
Traveler
name/CAGE
specific
part
prescribed
process
document
plan
processes
STS
descriptions
names/CAGEs

AOK AIRPLAYNES 123XY		TRAVELER 1111-000		Rework No. 0	
Traveler Revision: 0 Pub Date:		TURBINE ROTOR STAGE-4 REF: TO # 2J-TF33-160-1 SECTION 18-54-03		Base Metal Weight 10.00 LBS.	
#	OPERATION DESCRIPTION	DWG	INIT.	QA	DATE
60	Continued from previous page...				
70	VISUAL INSPECT - INCOMING Verify part number and serial number match paperwork. 1.DIM A: _____ SPEC: 1.00 +/- 0.01 in. TOOL ID: _____ 2.DIM B: _____ SPEC: 1.00 +/- 0.01 in. TOOL ID: _____ 3.DIM C: _____ SPEC: 1.00 +/- 0.01 in. TOOL ID: _____ 4.DIM D: _____ SPEC: 1.00 +/- 0.01 in. TOOL ID: _____	DWG 1111-00			
80	SUB-VENDED: NOT-SO-GOOD NDT (CAGE 12345) FPI CODE 7 ALL Leading Edges and Roots. Attach PO from CAGE 12345 upon completion.	DWG 1111-00			



Demonstration Production Documents



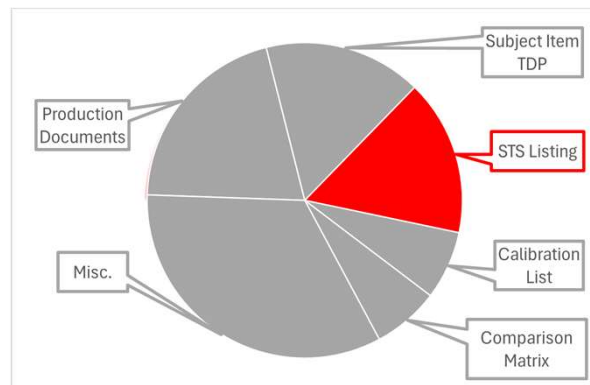
IMS
POS
cage
errors
dimensions
updated
sampling
Traveler
name/CAGE
specific
part
process
document
plan
processes
STS
descriptions
names/CAGEs

AOK AIRPLAYNES 123XY		TRAVELER 1111-000		Rework No. 0	
Traveler Revision: 0 Pub Date:		TURBINE ROTOR STAGE-4 REF: TO # 2J-TF33-160-1 SECTION 18-54-03		Base Metal Weight 10.00 LBS.	
#	OPERATION DESCRIPTION	DWG	INIT.	QA	DATE
60	Continued from previous page...		AM	BS	6/9/23
70	VISUAL INSPECT - INCOMING Verify part number and serial number match paperwork. 1.DIM A: <u>1.00</u> SPEC: 1.00 +/- 0.01 in. TOOL ID: <u>123</u> 2.DIM B: <u>1.01</u> SPEC: 1.00 +/- 0.01 in. TOOL ID: <u>123</u> 3.DIM C: <u>1.02</u> SPEC: 1.00 +/- 0.01 in. TOOL ID: <u>123</u> 4.DIM D: <u>1.00</u> SPEC: 1.00 +/- 0.01 in. TOOL ID: <u>123</u>	DWG 1111-00	AM	BS	6/10/23
80	SUB-VENDED: NOT-SO-GOOD NDT (CAGE 12345) FPI CODE 7 ALL Leading Edges and Roots. Attach PO from CAGE 12345 upon completion.	DWG 1111-00	GS	BS	6/11/23

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Sub-Tier Supplier Listing



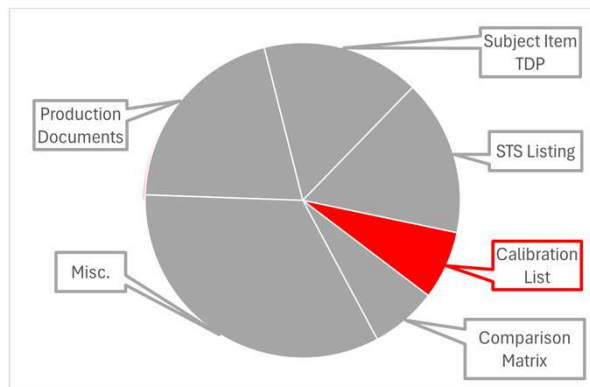
CAGE	NAME	SUPPORT	CERTIFICATION
13245	Manic Metals, Inc.	Raw Material	ISO9001 - 31DEC2025
ABCDE	Cool Coating, LTD	Anodic Coating: MIL-A-8625	AS9100 - 31JUL2025 / NADCAP (COAT) - 28FEB2026
XYZ99	Fantastic FPI, LLC	FPI: IAW OEM SPEC Method 2	ISO9001 - 30APR2027 / OEM-Endorsed - Indefinite

certification
Certs
missing
vendors
ISO
code
STSCAGE
supplier
updated
expired
vendor
material
certifications
Table





Calibration Listing



S/N	DESCR.	LOCATION	CAL DUE DATE
X765T	Calipers, Mitutoyo, 0-6"	Final Inspection Station A	30NOV2025
A1785	Drop Indicator, Mahr, 20-0-20	Lathe B	30MAR2025
15J212	CMM, Hexagon, 7.10.7	Metrology Lab	31AUG2026

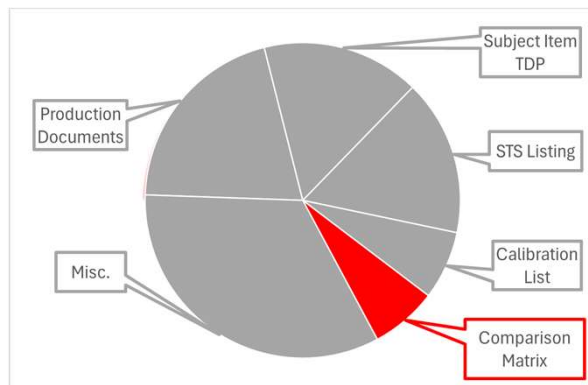


calibration
expires
dates
serials
Incomplete
CAL
multiple
date
locations
listing
items due
past

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Comparison Matrix



similar
spec
value
finish
Offense
incomplete

Appendix Comparison

	SUBJECT ITEM	SIMILAR ITEM
PN/NSN	12345 / 2840-00-123-4567	G1006T3 / N/A (COMMERCIAL)
MATERIAL	AMS5663 Ni (Bar)	AMS5662 Ni
COATING	Anodic Coating: MIL-A-8625	Hard Coat: AMS 2469
PROCESSES	NDT, Weld, Grind, Coat	NDT, EDM Weld, Grind, Coat
TOLERANCE	+/- 0.005	+/- 0.001

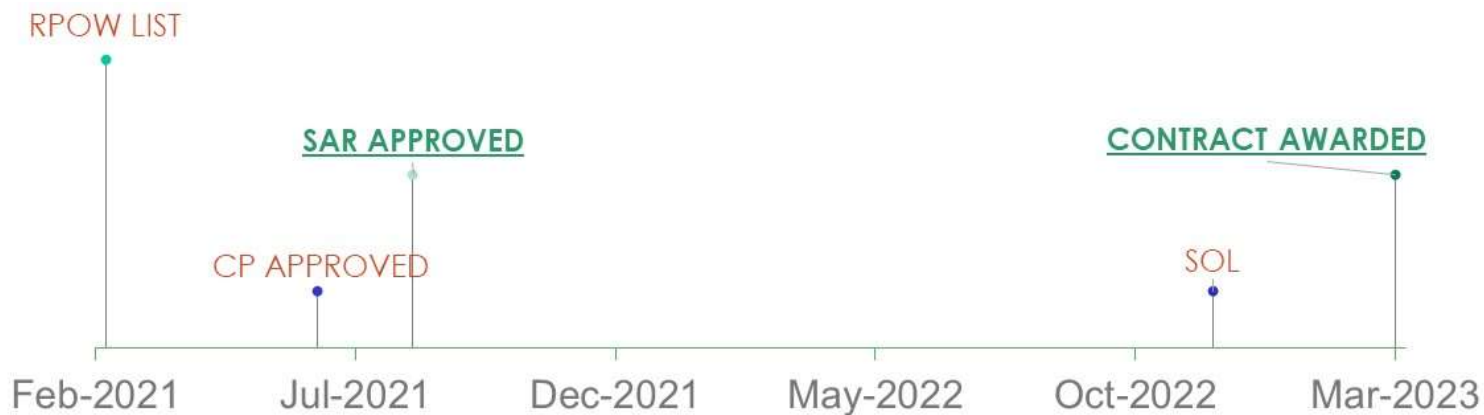
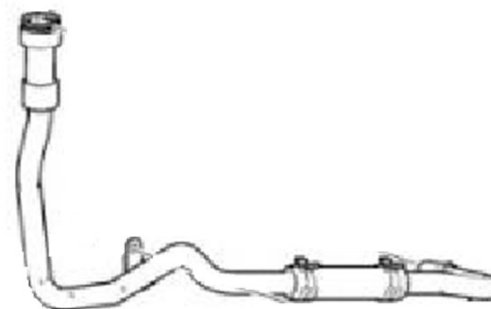




Example – Propulsion Success

PX Oil Tube:

- SIMILAR ITEM: Scavenge Tube
- CORRECTIONS: Company/STS Names/CAGES in travelers
- AWARD: \$119K, 2023



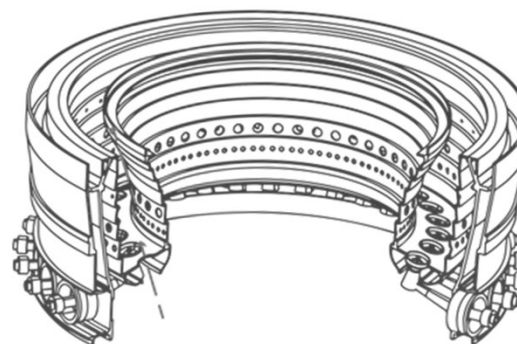
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Example – Propulsion Success

Combustion Chamber:

- SIMILAR ITEMS: HP Turbine
Nozzle Housing & Turbine Case
- CORRECTIONS: STS fixes /
CAGE listings on traveler
- AWARD: \$74K, 2022

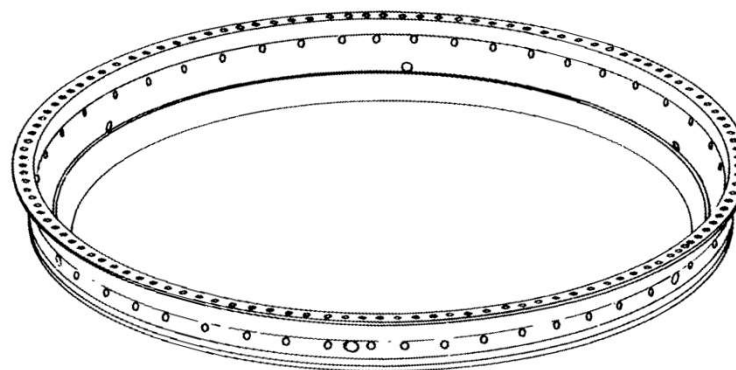




Example – Propulsion Success

Turbine Duct:

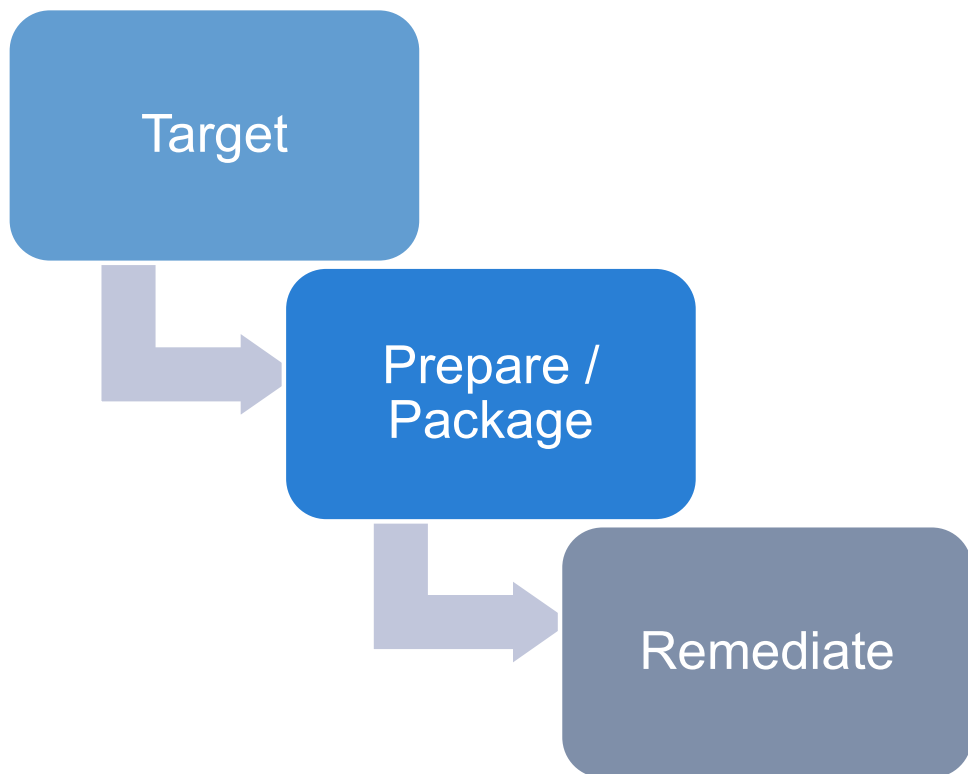
- SIMILAR ITEMS: LP Turbine Seal (Commercial)
- CORRECTIONS: Add SOS matrix; STS Listing fixes; submit demonstration contract PO
- AWARD: \$2.7MM, 2024



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Questions?



Google

429 saspo



429SCMS.SASPO.Workflow@us.af.mil