

448th Supply Chain Management Wing

Commercially-Used Overhauled Industry Day 20 August 2015



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Agenda



- Introductions
- Air Force (AF) requirements
 - Items with AF approved source(s) of repair
 - Items with no AF approved source(s) of repair
 - Additional opportunities for commercially-used parts
- Other SASPO Programs
 - SASPO Target List
 - Reverse Engineer / Repair Development
- Source Approval Request (SAR) training



Introductions



- AFSC Small Business Office
- DLA-OKC Small Business Office
- AFLCMC Engineering
- 448 SCMW Requirements Organization
- Strategic Alternate Sourcing Program Office (SASPO)



F108



Commercially-Used Overhauled Program

Prototype



Pilot 2011-2012

- 1 approved item
- 1 contract awarded

RESULTS:

- \$36.7M saved
- 84 days reduced PLT

Expand



2012-2014

- 38 approved items
- 31 added through SAR process
- 12 contracts awarded

RESULTS:

- \$45.6M saved
- 301 days reduced PLT

Standardize



2015 and Beyond

- Analyze F108 Life Limited Parts (LLPs)
- Analyze other commercial derivative engines
- Increase approved items through Source Approval process

Increase Supportability ★ Increase Availability ★ Increase Competition ★ Reduce Costs

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Forecasted F108 Spend Trend (in Millions)



Increase Supportability ★ Increase Availability ★ Increase Competition ★ Reduce Costs

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Overview of Commercially-Used Parts



- Objective: Match AF requirements to industry availability of commercially-used parts with a military application
- Purpose: To create savings through careful implementation of a commercial practice
- Goal: Archive \$140M in savings
- Savings to date: \$82M

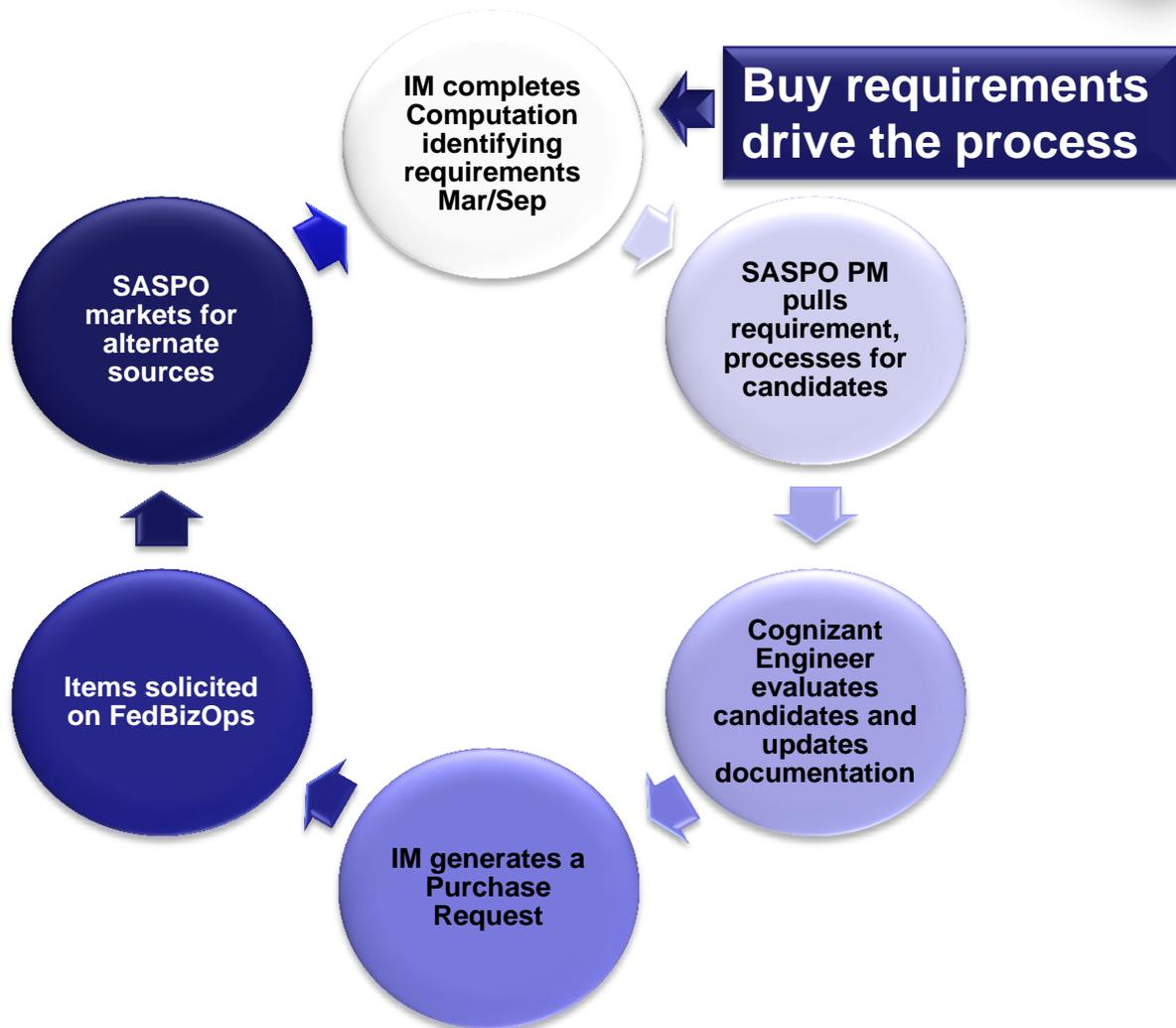
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Candidate Determination Process



Engineering Source Authority performed a risk assessment and collaborated with OEM as a part of the F108 Fan Blade pilot



Increase Supportability ★ Increase Availability ★ Increase Competition ★ Reduce Costs

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



- Parts with at least one AF approved source of repair
 - Advertised and procured through Federal Business Opportunities (FedBizOps) at www.FBO.gov
 - Forecasts published twice per year from the Fall and Spring AF Requirements Computation Cycle on Federal Business Opportunities (FedBizOps) at www.FBO.gov
- Solicitation identifies
 - AF Approved manufacturing (usually OEM) and repair sources
 - Parameters for disqualification of parts
 - Involved in an accident, submerged in water, exposed to volcanic ash, flown on Emery Air, etc.



Forecasted F108 Requirements with AF Approved Source(s) of Repair



Un-Validated March 2015 Summary Data

	NSN	Noun	ERRC	FUP	FY15 QTY	FY16 QTY	FY17 QTY	FY15 Value	FY16 Value	FY17 Value	FY15-17 Value
1	2840011892868	Support, Co	T	\$81,660	5	3	4	\$408,300	\$244,980	\$326,640	\$979,920
2	2840014722727	Steel Case	T	\$340,860	0	8	12	\$0	\$2,726,880	\$4,090,320	\$6,817,200
3	2840014698713	Case, Turbi	T	\$80,750	9	90	125	\$726,750	\$267,500	\$10,093,750	\$18,088,000
4	2840011829756	Seal, Air, A	N	\$17,455	48	167	177	\$37,878	\$2,144,943	\$2,129,480	\$5,882,251
5	2840011469378	Seal, Air, A	T	\$26,440	3	22	24	\$1,315	\$581,673	\$185,078	\$846,070
6	2840011829910	Seal, Air, A	T	\$11,100	2	15	24	\$22,200	\$166,500	\$266,400	\$455,100
7	2840012244243	Support, Tu	T	\$162,600	0	40	44	\$0	\$6,504,000	\$7,154,400	\$13,658,400
8*	2840012403435	Support, Tu	T	\$18,960	0	64	55	\$0	\$3,133,456	\$2,692,814	\$5,826,270
9	2840013563538	Seal, Air	T	\$11,100	109	117	148	\$1,232,790	\$1,323,270	\$1,673,880	\$4,229,940
10	2915012368313	Nozzle, Fuel	T	\$1,511	0	0	135	\$0	\$0	\$176,973	\$176,973
11	2915012099046	Fuel Contr	T	\$230,653	0	6	21	\$0	\$1,383,915	\$4,843,704	\$6,227,619
12	2915011964310	Motor, Valv	T	\$16,710	0	50	23	\$0	\$835,518	\$384,338	\$1,219,856

*May have exhausted all the -3435 assets

Disclaimer The projections contained in this spreadsheet may or may not generate due to variability in customer demands and priorities. The forecast data is for planning purposes only and does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the described items.

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



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



AF Commercially-Used Overhauled Program



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



Commercially-Used Parts (F108) with No AF Approved Source(s) of Repair



FSC	NIIN	ERRC	Noun	FUP	FY15 QTY	FY16 QTY	FY17 QTY	Fy15 Value	FY16 Value	FY17 Value	FY15-17 Value
2840	011392208	T	ACTUATOR,V	\$5,652	50	44	25	\$282,593	\$248,682	\$141,297	\$672,571
2840	011394075	T	GEARBOX,AC	\$267,174	0	1	1	\$0	\$267,174	\$267,174	\$534,348
2915	011485517	T	HEATER,SER	\$20,058	6	0	0	\$120,350	\$0	\$0	\$120,350
2935	011485714	T	COOLER,LUB	\$28,196	17	6	5	\$479,325	\$169,173	\$140,978	\$789,476
2840	011829754	T	RING,SENSO	\$9,337	4	7	4	\$37,348	\$65,359	\$37,348	\$140,055
2840	011831903	T	FAIRING	\$19,940	0	11	14	\$0	\$219,344	\$279,166	\$498,510
2840	011832366	T	SUPPORT,BE	\$38,295	0	0	11	\$0	\$0	\$421,245	\$421,245
2840	011873182	T	DISK COMPR	\$29,136	0	4	4	\$0	\$116,544	\$116,544	\$233,088
2840	011878181	T	SEAL RING,	\$27,769	0	0	5	\$0	\$0	\$138,843	\$138,843
6680	011919345	T	SPEED SENS	\$13,450	62	60	62	\$833,869	\$809,970	\$833,869	\$2,474,708
2915	011925342	T	HOUSING,RE	\$2,794	13	3	3	\$3,382	\$3,382	\$8,382	\$53,086
2840	011966001	T	ACTUATOR,B	\$4,665	8	11	1	\$37,322	\$51,317	\$4,665	\$93,304
2840	011991547	T	HOUSING,GE	\$36,870	15	10	8	\$553,050	\$368,700	\$294,960	\$1,216,710
8145	012040851	T	SHIPPING A	\$35,615	4	0	0	\$1,495,844	\$0	\$0	\$1,495,844
8140	012040853	T	SHIPPING A	\$838,718	14	0	0	\$838,718	\$0	\$0	\$838,718
8145	012040854	T	SHIPPING A	\$272,678	3	0	0	\$272,678	\$0	\$0	\$272,678
8145	012040864	T	SHIPPING A	\$1,039,605	17	0	0	\$1,039,605	\$0	\$0	\$1,039,605
8145	012040865	T	SHIPPING A	\$1,106,360	18	0	0	\$1,106,360	\$0	\$0	\$1,106,360
6695	013225208	T	TRANSDUCER	\$8,284	6	3	4	\$49,704	\$24,852	\$33,136	\$107,692
2995	014436889	T	HOUSING	\$17,750	41	13	11	\$727,750	\$230,750	\$195,250	\$1,153,750
2945	014437993	T	LUBRICATIO	\$102,953	0	0	2	\$0	\$0	\$205,905	\$205,905
2840	014560705	T	SEAL,AIR,A	\$40,558	19	43	33	\$770,594	\$1,743,977	\$1,338,401	\$3,852,972
2840	014722727	T	STEEL CASE	\$324,600	0	10	13	\$0	\$3,246,000	\$4,219,800	\$7,465,800
2915	015133409	T	HOUSING,FU	\$15,029	7	5	2	\$105,204	\$75,146	\$30,058	\$210,408
2840	015987366	T	ROTOR,TURB	\$700,169	0	1	0	\$0	\$700,169	\$0	\$700,169
2840	016279915	T	SHAFT,TURB	\$73,200	0	42	51	\$0	\$3,074,400	\$3,733,200	\$6,807,600
2840	016280328	T	SEAL,AIR,A	\$77,760	0	0	9	\$0	\$0	\$699,840	\$699,840
2925	145201469	T	SENSOR ELE	\$5,584	0	34	50	\$0	\$189,868	\$279,218	\$469,085

Sep 2014 Comp Data – Mar 15 Comp List published around Oct 2015

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Additional Opportunities for Commercially-Used Parts



- What are other opportunities
 - Life Limited Parts
 - Consumables
 - Other



SASPO Programs

(Reverse Engineering / Repair Development)



- 448 SCMW is looking to invest in their supply chain
- Able to use CSAG dollars to create competition
- Enterprise Level (WR, OO, OC)
- Dedicated Program Manager
- Working to identify candidate items



SASPO Programs (Target List)



- A list intended to help companies get into the ballpark in determining which items to target for Source Approval Requests (SARs)
 - Only one or two sources of supply
 - A projected buy within the next three fiscal years
 - Acquisition Method Suffix Code (AMSC) “C”
 - The AF **SHOULD** own the data
 - Covers all three locations (OC, OO and WR)
 - Consists of 231 items (Sep 14)
 - March and September Comp Cycle data
 - Six month lag to produce



SASPO Target List (Sep 2014 Comp)



SASPO Target List Spring 2015 -- Sorted by Air Logistics Complex (ALC) Based on September 2014 Comp Cycle Data from D075 Automated Budget Compilation System (ABCS)

#	ALC	FSC	NIIN	MMAC	Noun	FUP	FY12 QTY	FY13 QTY	FY14 QTY	FY15 QTY	FY15 Spend \$	FY16 QTY	FY16 Spend \$	FY17 QTY	FY17 Spend \$	FY15-FY17 Spend \$
1	OC	2840	015943205	NZ	FLAMEHOLDE	\$38,812.00				465	\$18,047,580	181	\$7,024,972	179	\$6,947,348	\$32,019,900
2	OC	2840	013872657	NZ	DUCT,FAN,-	\$109,329.22		44	35	15	\$1,639,938	65	\$7,106,399	48	\$5,247,803	\$13,994,140
3	OC	2840	015412442	JF	HOUSING,GE	\$46,929.63		1	34	98	\$4,599,104	44	\$2,064,904	44	\$2,064,904	\$8,728,911
4	OC	2840	012075405	JF	CASE,COMPR	\$115,297.04	10			44	\$5,073,070	13	\$1,498,862	4	\$461,188	\$7,033,119
5	OC	2840	014487511	NZ	97 TURBINE	\$41,040.61			10	48	\$1,969,949	57	\$2,339,315	57	\$2,339,315	\$6,648,579
6	OC	2840	012118933	NZ	SUPPORT,SE	\$28,187.12	16			32	\$901,988	84	\$2,367,718	74	\$2,085,847	\$5,355,553
7	OC	2840	012783281	NZ	SUPPORT,TU	\$18,605.82	13			30	\$558,175	131	\$2,437,362	116	\$2,158,275	\$5,153,812
8	OC	2840	016032118	NZ	SEAL,AIR,A	\$1,231.88		1476	434	1284	\$1,581,734	840	\$1,034,779	952	\$1,172,750	\$3,789,263
9	OC	2840	011067651	OP	COMBUSTION	\$65,062.40				54	\$3,513,370	0	\$0		\$0	\$3,513,370
10	OC	1560	015297626	FL	CELL,FUEL	\$17,765.97		17	90	90	\$1,598,937	64	\$2,371,172	3	\$586,277	\$3,322,236
11	OC	5895	015775557	FW	PROCESSOR	\$355,357.35				0	\$0	0	\$0	9	\$3,198,216	\$3,198,216
12	OC	1560	015298392	FL	CELL,FUEL	\$18,222.59				97	\$1,767,391	34	\$619,568	32	\$583,123	\$2,970,282
13	OC	1560	015297625	FL	CELL,FUEL	\$22,050.59			39	71	\$1,565,592	28	\$1,177,417	24	\$529,214	\$2,712,223
14	OC	3040	015488226	NZ	GEARSHAFT,	\$5,844.83	40	1	89	90	\$924,900	80	\$1,052,069	189	\$1,104,673	\$2,676,932
15	OC	1560	015302926	FL	CELL,FUEL	\$20,795.62				38	\$1,414,102	29	\$603,073	27	\$561,482	\$2,578,657
16	OC	2995	011467571	JF	MANIFOLD,F	\$46,237.00	1	4	3	3	\$1,387,008	12	\$554,803	12	\$554,803	\$2,496,614
17	OC	2840	013084465	NZ	DIVERGENT	\$3,116.68	24	60	27	340	\$1,055,251	150	\$465,552	265	\$822,475	\$2,343,278
18	OC	1680	006590122	RK	GFAPROX	\$9,330.07	30			0	\$0	39	\$1,533,912	20	\$786,621	\$2,320,533
19	OC	6110	011414879	HY	MOUNT,ASSE	\$1,002.00				0	\$0	63	\$2,142,154	5	\$170,012	\$2,312,167
20	OC	2840	002803976	NZ	HOUSING,AN	\$12,815.64				70	\$897,095	55	\$704,860	51	\$653,598	\$2,255,553
21	OC	1560	015298391	FL	CELL,FUEL	\$19,954.56		66	51	31	\$1,017,683	31	\$618,591	29	\$578,682	\$2,214,956
22	OC	1560	015297635	FL	CELL,FUEL	\$18,335.49			45	65	\$1,191,807	27	\$495,058	23	\$421,716	\$2,108,581
23	OC	2840	015807061	NZ	SUPPORT,TU	\$25,146.29	135		6	35	\$880,120	17	\$427,487	23	\$578,365	\$1,885,972
24	OC	1560	015495101	FG	NOSE RADOM	\$462,168.00	26			0	\$0	4	\$1,848,672	0	\$0	\$1,848,672
25	OC	1680	002499370	FL	RUDDEVATOR	\$24,336.66	93			0	\$0	32	\$778,773	43	\$1,046,476	\$1,825,250
26	OC	2840	013888300	PR	SEAL AIR,S	\$32,965.49				14	\$461,517	13	\$428,551	28	\$923,034	\$1,813,102
27	OC	1560	015298393	FL	CELL,FUEL	\$22,643.51			85	31	\$701,949	24	\$543,444	24	\$543,444	\$1,788,837
28	OC	1680	014372864	FW	MOUNT,ASSE	\$31,112.26				35	\$1,088,929	9	\$280,010	6	\$186,674	\$1,555,613
29	OC	1560	015302924	FL	CELL,FUEL	\$18,916.20			56	34	\$643,151	25	\$472,905	23	\$435,073	\$1,551,128
30	OC	2840	016195780	NZ	LOCK RING,	\$4,611.81				90	\$415,063	120	\$553,417	120	\$553,417	\$1,521,897
31	OC	1650	013761089	FW	#3 LH SURF	\$663,258.14				1	\$663,258	0	\$0	1	\$663,258	\$1,326,516
32	OC	2840	012149746	NZ	FAIRING,TU	\$5,366.40		52		58	\$311,251	93	\$499,075	89	\$477,610	\$1,287,936
33	OC	2840	013644482	NZ	SUPPORT,SE	\$29,232.81				0	\$0	19	\$555,423	25	\$730,820	\$1,286,244
34	OC	2840	015909067	JF	DAMPER,TUR	\$283.80		15299		835	\$236,973	2000	\$567,600	1467	\$416,335	\$1,220,908
35	OC	2840	012058485	NZ	HOUSING,AN	\$26,116.36	21		18	0	\$0	18	\$470,094	25	\$652,909	\$1,123,003
36	OC	2840	014266695	NZ	4TH OUTER	\$9,308.12	0	0	20	59	\$549,179	4	\$37,232	53	\$493,330	\$1,079,742
37	OC	2840	012403591	NZ	TANK,LUBRI	\$17,283.03	51	2	3	14	\$241,962	28	\$483,925	19	\$328,378	\$1,054,265
38	OC	1560	015301912	FL	CELL,FUEL	\$18,201.45				35	\$637,051	9	\$163,813	9	\$163,813	\$964,677

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Contact Information



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

- SASPO
 - Website: <http://www.tinker.af.mil/429scms.saspo/>
 - Email: 429scms.workflow.saspo@us.af.mil
 - Address: 3001 Staff Drive Suite 2AC1 94B
Tinker AFB, Oklahoma
73145-3009



SAR Preparation Training



Propulsion Qualification Requirement SAR Package Preparation

3:30 to 5:00

***Mr. David Medina
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Questions

AF SUSTAINMENT CENTER

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