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**Exhibit P-40, Budget Line Item Justification:** PB 2016 Air Force **Date:** February 2015

**Appropriation / Budget Activity / Budget Sub Activity:**  
 3010F: Aircraft Procurement, Air Force / BA 06: Aircraft Spares and Repair Parts /  
 BSA 10: Aircraft Spares and Repair Parts **P-1 Line Item Number / Title:**  
 000999 / Initial Spares/Repair Parts

**ID Code** (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:**

**Line Item MDAP/MAIS Code:** **Item MDAP/MAIS Code(s):** 224, 212, 265, 198

Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	265.597	549.972	656.242	-	656.242	833.819	767.431	764.128	743.465	-	4,580.654
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	0.000	265.597	549.972	656.242	-	656.242	833.819	767.431	764.128	743.465	-	4,580.654
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>265.597</b>	<b>549.972</b>	<b>656.242</b>	<b>-</b>	<b>656.242</b>	<b>833.819</b>	<b>767.431</b>	<b>764.128</b>	<b>743.465</b>	<b>-</b>	<b>4,580.654</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

FY 2015 funding totals include \$45.410M appropriated for Overseas Contingency Operations.

Program Description: Aircraft Initial Spares are required to fill the initial pipeline or inventory for all new aircraft systems, including modifications, support equipment, and other production categories. Initial spares include peculiar repairable and consumable components, assemblies, and sub-assemblies that must be available for issue at all levels of supply in time to support newly fielded end items.

The following Major Defense Acquisition Programs (MDAP) have funding in this line:

- F-35, 198
- FAB-T, 199
- C-17A, 200
- V-22, 212
- B-2 EHF Inc I, 224
- AWACS UPGRADE, 277
- C-5 RERP, 327
- KC-46A, 387
- MQ-9 UAS Reaper, 424
- F-22 Inc 3.2B Mod, 474
- F-15 EPAWSS, 485
- JPATS, 560
- RQ-4A/B Global Hawk, 252

The FY2016 funding request was reduced by \$10.583 million to account for the availability of prior execution balances.

Initial spares are funded in the two program segments described below.

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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 06: Aircraft Spares and Repair Parts / BSA 10: Aircraft Spares and Repair Parts		<b>P-1 Line Item Number / Title:</b> 000999 / Initial Spares/Repair Parts
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<b>Line Item MDAP/MAIS Code:</b>	<b>Item MDAP/MAIS Code(s):</b> 224, 212, 265, 198	
<p>Working Capital Fund (WCF) Spares. Since FY 1994, some programs have used obligation authority in the WCF to procure initial spares. When the spares are delivered this central procurement account will reimburse the WCF. Types of spares in this program segment are Readiness Spares Packages, New Acquisition Spares, Modification Spares, Support Equipment, Other Production, and Consumables.</p> <p>Exempt Spares. This program segment finances spares that are not purchased through the WCF. The budget authority is a direct cite on the contract. Types of spares in this program segment are Whole Spare Engines, Whole Spare Quick Engine Change Kits, Contractor Logistics Support, Simulators/Trainers, New Acquisition Spares, Modification Spares, Support Equipment, Classified Equipment, and Munitions.</p>		

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**P-1 Line Item Number / Title:**  
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**ID Code** (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:**

**Line Item MDAP/MAIS Code:** **Item MDAP/MAIS Code(s):** 224, 212, 265, 198

Exhibits Schedule			Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
Initial Spares/Repair Parts	P-18		- / -	- / 265.597	- / 549.972	- / 656.242	- / -	- / 656.242
<b>Total Gross/Weapon System Cost</b>			<b>- / 0.000</b>	<b>- / 265.597</b>	<b>- / 549.972</b>	<b>- / 656.242</b>	<b>- / -</b>	<b>- / 656.242</b>

Exhibits Schedule			FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
Initial Spares/Repair Parts	P-18		- / 833.819	- / 767.431	- / 764.128	- / 743.465	- / -	- / 4,580.654
<b>Total Gross/Weapon System Cost</b>			<b>- / 833.819</b>	<b>- / 767.431</b>	<b>- / 764.128</b>	<b>- / 743.465</b>	<b>- / -</b>	<b>- / 4,580.654</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-18 Title for Spares.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
 In FY 2016, the F-35, Manned Reconnaissance Systems, MQ-9, and KC-46A Tanker Squadrons have large initial spare requirements.

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**Exhibit P-18, Initial and Replenishment Spare and Repair Parts Justification: PB 2016 Air Force** **Date:** February 2015

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 06 / 10	<b>P-1 Line Item Number / Title:</b> 000999 / Initial Spares/Repair Parts	<b>Name:</b> Initial Spares/Repair Parts
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End Item Line Item Number / Name [MDAP/MAIS]	Prior Years (\$ M)	FY 2014 (\$ M)	FY 2015 (\$ M)	FY 2016 Base (\$ M)	FY 2016 OCO (\$ M)	FY 2016 Total (\$ M)	FY 2017 (\$ M)	FY 2018 (\$ M)	FY 2019 (\$ M)	FY 2020 (\$ M)	To Complete (\$ M)	Total (\$ M)
<b>Initial</b>												
BA 06 - Aircraft Spares and Repair Parts												
A01000 / A-10 Squadrons	-	0.027	-	-	-	-	-	-	-	-	-	0.027
10TRGT / Aerial Targets	-	1.750	0.653	0.558	-	0.558	0.600	0.600	0.589	0.599	-	5.349
DARP01 / Airborne Reconnaissance Systems	-	8.256	6.790	5.554	-	5.554	3.575	0.218	-	-	-	24.393
64 / Precision Attack Systems Procurement	-	3.860	14.131	13.480	-	13.480	3.261	3.305	3.364	3.420	-	44.821
999 / Automated Test Systems	-	-	3.886	0.380	-	0.380	-	-	-	-	-	4.266
B01B00 / B-1B Squadrons	-	14.267	13.093	17.198	-	17.198	9.971	3.898	3.470	-	-	61.897
B00200 / B-2 Squadrons [224]	-	1.060	0.421	0.699	-	0.699	2.296	2.622	-	-	-	7.098
B05200 / B-52 Squadrons	-	0.527	7.894	6.689	-	6.689	6.348	-	0.112	0.840	-	22.410
999 / Initial Spares/Repair Parts	-	-	22.910	-	-	-	-	-	-	-	-	22.910
B01B00 / Bomber Tactical Data Link	-	-	1.087	-	-	-	-	-	-	-	-	1.087
C13000 / C-130 Airlift Squadron	-	-	-	-	-	-	-	-	6.288	6.401	-	12.689
C01700 / C-17 Aircraft (IF)	-	10.218	14.105	12.943	-	12.943	13.721	13.333	13.060	13.281	-	90.661
OTHACF / C2ISR Tactical Data Link	-	-	0.037	0.248	-	0.248	0.268	0.268	0.263	0.268	-	1.352
C00500 / C-5 Airlift Squadrons (IF)	-	13.000	-	0.397	-	0.397	2.375	7.587	8.192	7.863	-	39.414
OTHACF / Combat Developments	-	0.097	0.171	0.160	-	0.160	0.148	0.152	0.154	0.157	-	1.039
CALL00 / Compass Call	-	10.222	12.458	10.529	-	10.529	11.015	11.014	10.792	10.974	-	77.004
OTHACF / Combat Training Range Equipment	-	-	1.489	2.074	-	2.074	2.148	0.081	-	-	-	5.792
V022A0 / CV-22 [212]	-	11.943	2.659	2.839	-	2.839	0.890	0.243	-	-	-	18.574
11U200 / Dragon U-2	-	-	-	1.009	-	1.009	0.679	-	-	-	-	1.688
E00300 / Airborne Warning and Control System (AWACS)	-	11.681	2.957	16.234	-	16.234	23.806	22.682	24.132	24.552	-	126.044
E00400 / E-4B National Airborne Operations Center (NAOC)	-	0.818	8.718	-	-	-	14.022	3.578	4.333	0.338	-	31.807
E00800 / Joint Surveillance/Target Attack Radar System (JSTARS)	-	0.523	-	-	-	-	-	-	-	-	-	0.523

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End Item Line Item Number / Name [MDAP/MAIS]	Prior Years (\$ M)	FY 2014 (\$ M)	FY 2015 (\$ M)	FY 2016 Base (\$ M)	FY 2016 OCO (\$ M)	FY 2016 Total (\$ M)	FY 2017 (\$ M)	FY 2018 (\$ M)	FY 2019 (\$ M)	FY 2020 (\$ M)	To Complete (\$ M)	Total (\$ M)
F01500 / F-15A/B/C/D Squadrons	-	5.977	11.104	27.174	-	27.174	28.345	23.055	22.392	22.770	-	140.817
F01500E / F-15E Squadrons	-	13.904	9.795	30.753	-	30.753	30.444	14.979	15.252	15.509	-	130.636
F01600 / F-16 Squadrons	-	0.187	0.090	0.491	-	0.491	1.277	2.473	2.511	4.646	-	11.675
F02200 / F-22A Squadrons [265]	-	0.057	3.233	3.062	-	3.062	5.210	8.593	3.807	9.911	-	33.873
ATA000 / F-35 Squadrons [198]	-	92.806	236.418	238.673	-	238.673	245.991	326.971	368.702	372.588	-	1,882.149
FBLOST / Family of Advanced BLoS Terminals (FAB-T)	-	-	-	3.363	-	3.363	1.393	1.352	1.241	1.263	-	8.612
OTHACF / Full Combat Mission Training	-	0.037	0.130	0.290	-	0.290	0.284	0.221	0.214	0.218	-	1.394
H06000 / Combat Rescue and Recovery	-	0.056	0.900	2.272	-	2.272	2.309	1.873	1.816	1.846	-	11.072
C01000 / KC-10s	-	6.860	8.412	0.968	-	0.968	0.090	0.068	0.030	0.031	-	16.459
C13500 / KC-135S	-	5.230	13.381	10.496	-	10.496	10.512	8.485	8.221	8.359	-	64.684
KC046A / KC-46A Tanker Squadrons	-	-	-	55.063	-	55.063	173.718	108.217	82.777	100.762	-	520.537
OTHACF / MILSATCOM Terminals	-	-	5.540	-	-	-	-	-	-	-	-	5.540
PRDT01 / MQ-1 Predator A UAV	-	1.420	1.821	1.469	-	1.469	0.957	0.058	-	-	-	5.725
PRDTB1 / MQ-9 UAV	-	21.976	76.629	134.393	-	134.393	171.179	132.500	114.849	68.089	-	719.615
JPATS0 / New AETC Aircraft Systems	-	0.538	0.948	0.910	-	0.910	2.556	2.605	2.653	2.699	-	12.909
64 / VC-25	-	0.020	0.065	0.258	-	0.258	0.175	0.244	0.436	0.443	-	1.641
DARP01 / Manned Reconnaissance Systems	-	28.280	57.119	54.016	-	54.016	48.632	49.407	50.331	51.237	-	339.022
HAEUAV / RQ-4 UAV	-	-	10.928	0.865	-	0.865	14.887	16.007	13.405	13.646	-	69.738
T00100 / Undergraduate Pilot Training (UPT)	-	-	-	0.735	-	0.735	0.737	0.742	0.742	0.755	-	3.711
<i>Subtotal: Initial</i>	-	265.597	549.972	656.242	-	656.242	833.819	767.431	764.128	743.465	-	4,580.654
<i>Total Working Capital Fund Spares</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Exempt Spares</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Cost (Initial + Replenishment)</b>	-	<b>265.597</b>	<b>549.972</b>	<b>656.242</b>	-	<b>656.242</b>	<b>833.819</b>	<b>767.431</b>	<b>764.128</b>	<b>743.465</b>	-	<b>4,580.654</b>