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Exhibit P-40, Budget Line Item Justification: PB 2017 Air Force **Date:** February 2016

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
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A	Item MDAP/MAIS Code(s): 224, 212, 265, 198
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	534.385	631.242	686.491	25.600	712.091	719.027	756.175	741.093	793.197	-	4,887.210
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	0.000	534.385	631.242	686.491	25.600	712.091	719.027	756.175	741.093	793.197	-	4,887.210
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	534.385	631.242	686.491	25.600	712.091	719.027	756.175	741.093	793.197	-	4,887.210

(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
- 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
- RQ-4A/B Global Hawk, 252

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

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.

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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: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A	Item MDAP/MAIS Code(s): 224, 212, 265, 198	
<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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Appropriation / Budget Activity / Budget Sub Activity:
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 000999 / Initial Spares/Repair Parts

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

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

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	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)
P-18	Initial Spares/Repair Parts			- / -	- / 534.385	- / 631.242	- / 686.491	- / 25.600	- / 712.091
P-40	Total Gross/Weapon System Cost			- / 0.000	- / 534.385	- / 631.242	- / 686.491	- / 25.600	- / 712.091

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	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)
P-18	Initial Spares/Repair Parts			- / 719.027	- / 756.175	- / 741.093	- / 793.197	- / -	- / 4,887.210
P-40	Total Gross/Weapon System Cost			- / 719.027	- / 756.175	- / 741.093	- / 793.197	- / -	- / 4,887.210

Title represents the P-18 Title for Spares.

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

Justification:
 In FY 2017, the funding request for F-35 and KC-46A Tanker Squadrons increased significantly in preparation for fielding. MQ-9 continues to have large initial spare requirements.

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Exhibit P-18, Initial and Replenishment Spare and Repair Parts Justification: PB 2017 Air Force										Date: February 2016		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 06 / 10				P-1 Line Item Number / Title: 000999 / Initial Spares/Repair Parts						Title: Initial Spares/Repair Parts		
End Item Line Item Number / Name [MDAP/MAIS]	Prior Years (\$ M)	FY 2015 (\$ M)	FY 2016 (\$ M)	FY 2017 Base (\$ M)	FY 2017 OCO (\$ M)	FY 2017 Total (\$ M)	FY 2018 (\$ M)	FY 2019 (\$ M)	FY 2020 (\$ M)	FY 2021 (\$ M)	To Complete (\$ M)	Total (\$ M)
Initial												
BA 06 - Aircraft Spares and Repair Parts												
10TRGT / Aerial Targets	-	-	0.537	0.595	-	0.595	0.595	0.584	0.594	0.606	-	3.511
DARP01 / Airborne Reconnaissance Systems	-	6.790	5.342	2.905	-	2.905	0.216	-	-	-	-	15.253
61 / Precision Attack Systems Procurement	-	8.899	12.966	1.445	-	1.445	3.279	3.337	3.394	3.457	-	36.777
999 / Automated Test Systems	-	-	0.366	-	-	-	-	-	-	-	-	0.366
B01B00 / B-1B Squadrons	-	13.093	16.543	7.429	-	7.429	4.494	3.442	-	-	-	45.001
B00200 / B-2 Squadrons [224]	-	4.943	0.672	2.187	-	2.187	3.723	-	-	14.956	-	26.481
B05200 / B-52 Squadrons	-	14.445	6.433	5.505	-	5.505	5.415	0.171	0.119	1.048	-	33.136
999 / Battlefield Abn Comm Node (BACN)	-	22.910	-	-	-	-	-	-	-	-	-	22.910
B01B00 / Bomber Tactical Data Link	-	0.049	-	-	-	-	-	-	-	-	-	0.049
C13000 / C-130 Airlift Squadron	-	-	-	-	-	-	3.968	8.221	21.338	30.496	-	64.023
C01700 / C-17 Aircraft (IF)	-	15.801	12.450	9.400	-	9.400	13.227	12.955	13.180	13.423	-	90.436
OTHACF / C2ISR Tactical Data Link	-	-	0.239	-	-	-	-	-	-	-	-	0.239
C00500 / C-5 Airlift Squadrons (IF)	-	-	0.382	3.048	-	3.048	7.527	8.126	7.803	7.948	-	34.834
OTHACF / Combat Developments	-	0.171	0.154	0.147	-	0.147	0.151	0.153	0.156	0.159	-	1.091
CALL00 / Compass Call	-	12.458	10.128	24.572	25.600	50.172	25.212	10.705	10.891	11.092	-	130.658
OTHACF / Combat Training Range Equipment	-	-	1.995	-	-	-	-	-	-	-	-	1.995
V022A0 / CV-22 [212]	-	3.676	2.731	0.882	-	0.882	0.241	-	-	-	-	7.530
11U200 / Dragon U-2	-	-	0.971	0.673	-	0.673	-	-	-	-	-	1.644
E00300 / Airborne Warning and Control System (AWACS)	-	2.957	15.616	22.061	-	22.061	22.502	23.938	24.366	21.472	-	132.912
E00400 / E-4B National Airborne Operations Center (NAOC)	-	3.426	-	5.338	-	5.338	3.549	4.298	0.335	0.342	-	17.288
F01500 / F-15A/B/C/D Squadrons	-	11.104	26.139	22.258	-	22.258	22.872	22.212	22.597	23.014	-	150.196
61 / F-15 EPAWSS	-	-	-	-	-	-	-	4.067	4.883	9.343	-	18.293
F01500E / F-15E Squadrons	-	5.278	29.582	27.218	-	27.218	14.860	15.129	15.391	15.675	-	123.133

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End Item Line Item Number / Name [MDAP/MAIS]	Prior Years (\$ M)	FY 2015 (\$ M)	FY 2016 (\$ M)	FY 2017 Base (\$ M)	FY 2017 OCO (\$ M)	FY 2017 Total (\$ M)	FY 2018 (\$ M)	FY 2019 (\$ M)	FY 2020 (\$ M)	FY 2021 (\$ M)	To Complete (\$ M)	Total (\$ M)
F01600 / F-16 Squadrons	-	0.090	0.472	2.059	-	2.059	2.453	6.135	9.794	9.975	-	30.978
F02200 / F-22A Squadrons [265]	-	-	2.945	5.164	-	5.164	8.525	3.776	9.836	10.017	-	40.263
ATA000 / F-35 Squadrons [198]	-	231.847	229.582	267.792	-	267.792	315.478	353.602	354.622	355.591	-	2,108.514
FBLOST / Family of Advanced BLoS Terminals (FAB-T)	-	-	3.235	3.561	-	3.561	1.341	6.191	0.057	0.001	-	14.386
OTHACF / Full Combat Mission Training	-	0.130	0.279	0.214	-	0.214	0.219	0.212	0.216	0.220	-	1.490
H06000 / Combat Rescue HH-60	-	0.900	2.185	2.289	-	2.289	1.858	1.802	1.832	1.866	-	12.732
C01000 / KC-10s	-	8.412	0.931	0.089	-	0.089	0.067	0.030	0.031	0.032	-	9.592
C13500 / KC-135S	-	5.473	10.096	5.733	-	5.733	8.418	2.080	2.076	3.348	-	37.224
KC046A / KC-46A Tanker Squadrons	-	-	52.965	172.183	-	172.183	107.356	82.112	99.997	101.841	-	616.454
OTHACF / MILSATCOM Terminals	-	12.544	-	-	-	-	-	-	-	-	-	12.544
PRDT01 / MQ-1 Predator A UAV	-	-	1.413	0.949	-	0.949	0.058	-	-	-	-	2.420
PRDTB1 / MQ-9 UAV	-	76.629	129.273	40.943	-	40.943	52.601	111.318	67.572	67.989	-	546.325
JPATS0 / New AETC Aircraft Systems	-	4.248	0.875	-	-	-	4.449	2.631	2.679	2.728	-	17.610
61 / VC-25	-	0.065	0.248	0.139	-	0.139	0.242	0.432	0.440	0.448	-	2.014
DARP01 / Manned Reconnaissance Systems	-	57.119	51.958	47.734	-	47.734	49.396	49.927	50.848	51.785	-	358.767
HAEUAV / RQ-4 UAV	-	10.928	0.832	1.249	-	1.249	27.967	8.626	2.742	20.751	-	73.095
61 / UN-1N Replacement Spares	-	-	-	-	-	-	6.032	9.227	12.555	12.811	-	40.625
T00100 / Undergraduate Pilot Training (UPT)	-	-	0.707	0.730	-	0.730	0.736	0.736	0.749	0.763	-	4.421
Subtotal: Initial	-	534.385	631.242	686.491	25.600	712.091	719.027	756.175	741.093	793.197	-	4,887.210
Total Cost (Initial + Replenishment)	-	534.385	631.242	686.491	25.600	712.091	719.027	756.175	741.093	793.197	-	4,887.210