

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary **P-1 Line Item Number / Title:** 6773A05009 / UH-60 Black Hawk L and V Models

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

Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	1,083	35	18	25	-	25	24	36	36	38	-	1,295
Gross/Weapon System Cost (<i>\$ in Millions</i>)	10,219.684	76.516	148.138	169.290	-	169.290	172.969	173.634	174.656	153.267	-	11,288.154
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	10,219.684	76.516	148.138	169.290	-	169.290	172.969	173.634	174.656	153.267	-	11,288.154
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	10,219.684	76.516	148.138	169.290	-	169.290	172.969	173.634	174.656	153.267	-	11,288.154

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	9,436.458	2,186.171	8,229.889	6,771.600	-	6,771.600	7,207.042	4,823.167	4,851.556	4,033.342	-	8,716.721

Description:

UH-60 A and L Models include UH-60 A to L conversions in FY16 through FY18 and UH-60L Digital, now designated as UH-60V. Production for UH-60V began in FY18. The UH-60 BLACKHAWK helicopter is the Army's utility helicopter for the near and midterm force. It is a twin engine, single rotor, four bladed utility helicopter used for air assault, general support, command & control, and aero-medical evacuations (MEDEVAC). The UH-60 is joint force capable, providing 24 hour/day support including operations at night and in adverse weather conditions. The UH-60 is designed to carry a crew of four plus eleven combat equipped troops or an external load up to 9,000 pounds. The UH-60 BLACK HAWK was fielded in 1978 as a replacement for the UH-1. From 1978 to 1988, UH-60As were produced. In 1989 production of UH-60Ls with improved engines and drive train began. In 2007, full rate production of UH-60Ms began which provided a digital cockpit, digital Flight Management System (FMS), improved engine, and wide-cord main rotor blades. The UH-60V provides an integrated digital map, integrated performance planning, common functionality and commonality of training with UH-60M.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army	Quantity	35	8	2	-	2	13	10	-	2
	Total Obligation Authority	0.000	65.839	13.543	-	13.543	93.692	48.232	-	8.067
ANG	Quantity	-	10	23	-	23	11	26	36	36
	Total Obligation Authority	76.516	82.299	155.747	-	155.747	79.277	125.402	174.656	145.200
Total: Secondary Distribution	Quantity	35	18	25	-	25	24	36	36	38
	Total Obligation Authority	76.516	148.138	169.290	-	169.290	172.969	173.634	174.656	153.267

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary **P-1 Line Item Number / Title:** 6773A05009 / UH-60 Black Hawk L and V Models

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

Exhibits Schedule					Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	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-3a	A05009 / UH-60 A and L Models (A05009) (Operational)				1,083 / 10,219.684	35 / 76.516	18 / 148.138	25 / 169.290	- / -	25 / 169.290
P-40	Total Gross/Weapon System Cost				1,083 / 10,219.684	35 / 76.516	18 / 148.138	25 / 169.290	- / -	25 / 169.290

Exhibits Schedule					FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	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-3a	A05009 / UH-60 A and L Models (A05009) (Operational)				24 / 172.969	36 / 173.634	36 / 174.656	38 / 153.267	- / -	1,295 / 11,288.154
P-40	Total Gross/Weapon System Cost				24 / 172.969	36 / 173.634	36 / 174.656	38 / 153.267	- / -	1,295 / 11,288.154

*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.

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

Justification:
 FY20 base procurement dollars in the amount of \$169.290 million will procure 25 UH-60Vs. The UH-60 A to L conversion program expands the current UH-60 A to A recapitalization/rebuild program to a UH-60 A to L recapitalization/rebuild program. Effective in FY16, all A to L conversions and UH-60V conversions will be procured under this line, A05009. Prior to FY16 the funding for UH-60 A to L conversions was utilized under Black Hawk Modifications line AA0492.

The current H-60 Black Hawk Army Acquisition Objective (AAO) is 2135 which is obtained by procuring a combination of 1,375 new 60M and 760 Recapitalized (A/LV) aircraft.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-3a, Individual Modification: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6773A05009 / UH-60 Black Hawk L and V Models	Modification Number / Title: A05009 / UH-60 A and L Models (A05009)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	1,083	35	18	25	-	25	24	36	36	38	-	1,295
Gross/Weapon System Cost (<i>\$ in Millions</i>)	10,219.684	76.516	148.138	169.290	-	169.290	172.969	173.634	174.656	153.267	-	11,288.154
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	10,219.684	76.516	148.138	169.290	-	169.290	172.969	173.634	174.656	153.267	-	11,288.154
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	10,219.684	76.516	148.138	169.290	-	169.290	172.969	173.634	174.656	153.267	-	11,288.154

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	9,436.458	2,186.171	8,229.889	6,771.600	-	6,771.600	7,207.042	4,823.167	4,851.556	4,033.342	-	8,716.721

Description:

UH-60 A and L Models includes UH-60 A to L conversions and the UH-60L Digital conversions, now designated as UH-60V.

UH-60V aircraft cost includes all digital components and their associated cost, as well as Engineering Changes, Systems Engineering and Program Management, Trainers, Data and Fielding.

Secondary Distribution	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army									
Quantity	35	8	2	-	2	13	10	-	2
Total Obligation Authority	0.000	65.839	13.543	-	13.543	93.692	48.232	-	8.067
ANG									
Quantity	-	10	23	-	23	11	26	36	36
Total Obligation Authority	76.516	82.299	155.747	-	155.747	79.277	125.402	174.656	145.200
Total:									
Quantity	35	18	25	-	25	24	36	36	38
Total Obligation Authority	76.516	148.138	169.290	-	169.290	172.969	173.634	174.656	153.267

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Exhibit P-3a, Individual Modification: PB 2020 Army											Date: March 2019		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20				P-1 Line Item Number / Title: 6773A05009 / UH-60 Black Hawk L and V Models							Modification Number / Title: A05009 / UH-60 A and L Models (A05009)		
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: UH-60 A and L				Modification Type: Operational				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
<i>Modification Item 1 of 2: UH-60A to UH-60L Conversions</i>													
A Kits													
Recurring													
Other	1,083 / 10,219.684	29 / 37.763	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	1,112 / 10,257.447	
<i>Subtotal: Recurring</i>	1,083 / 10,219.684	29 / 37.763	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,112 / 10,257.447	
<i>Subtotal: UH-60A to UH-60L Conversions</i>	1,083 / 10,219.684	29 / 37.763	- / -	- / 0.000	- / -	- / 0.000	- / -	- / -	- / -	- / -	- / -	1,112 / 10,257.447	
<i>Modification Item 2 of 2: UH-60V</i>													
A Kits													
Recurring													
Other	- / -	6 / 30.855	18 / 133.001	25 / 149.898	- / -	25 / 149.898	24 / 155.090	36 / 152.915	36 / 153.523	38 / 130.513	- / 0.000	183 / 905.795	
<i>Subtotal: Recurring</i>	- / -	6 / 30.855	18 / 133.001	25 / 149.898	- / -	25 / 149.898	24 / 155.090	36 / 152.915	36 / 153.523	38 / 130.513	- / -	183 / 905.795	
<i>Subtotal: UH-60V</i>	- / -	6 / 30.855	18 / 133.001	25 / 149.898	- / -	25 / 149.898	24 / 155.090	36 / 152.915	36 / 153.523	38 / 130.513	- / -	183 / 905.795	
<i>Subtotal: Procurement, All Modification Items</i>	1,083 / 10,219.684	35 / 68.618	18 / 133.001	25 / 149.898	- / -	25 / 149.898	24 / 155.090	36 / 152.915	36 / 153.523	38 / 130.513	- / -	1,295 / 11,163.242	
Installation													
<i>Modification Item 1 of 2: UH-60A to UH-60L Conversions</i>	1,083 / 0.000	29 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,112 / 0.000	
<i>Modification Item 2 of 2: UH-60V</i>	- / -	6 / 7.898	18 / 15.137	25 / 19.392	- / -	25 / 19.392	24 / 17.879	36 / 20.719	36 / 21.133	38 / 22.754	- / -	183 / 124.912	
<i>Subtotal: Installation</i>	1,083 / 0.000	35 / 7.898	18 / 15.137	25 / 19.392	- / -	25 / 19.392	24 / 17.879	36 / 20.719	36 / 21.133	38 / 22.754	- / -	1,295 / 124.912	
Total													
Total Cost (Procurement + Support + Installation)	10,219.684	76.516	148.138	169.290	-	169.290	172.969	173.634	174.656	153.267	-	11,288.154	

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Exhibit P-3a, Individual Modification: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6773A05009 / UH-60 Black Hawk L and V Models	Modification Number / Title: A05009 / UH-60 A and L Models (A05009)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 1 of 2: UH-60A to UH-60L Conversions

Manufacturer Information

Manufacturer Name: Corpus Christi Army Depot	Manufacturer Location: Corpus Christi Army Depot
Administrative Leadtime (in Months):	Production Leadtime (in Months): 12

Dates	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Depot

Installation Cost	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1,056 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,056 / 0.000
FY 2018	27 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 0.000
FY 2019	0 / 0.000	29 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 0.000
FY 2020	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
FY 2021	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
FY 2022	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
Total	1,083 / 0.000	29 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,112 / 0.000

Installation Schedule

	PYS	FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				TC	Tot			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4					
In	63	8	8	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92
Out	36	6	7	7	7	8	8	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92	

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Exhibit P-3a, Individual Modification: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6773A05009 / UH-60 Black Hawk L and V Models	Modification Number / Title: A05009 / UH-60 A and L Models (A05009)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 2 of 2: UH-60V

Manufacturer Information

Manufacturer Name: Prototype Integration Facility/Northrop Grumman/CCAD	Manufacturer Location: Huntsville AL/ Woodland Hills CA/Corpus Christi TX
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 12

Dates	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Contract Dates	Oct 2017	Oct 2018	Oct 2019	Oct 2020	Oct 2021	Oct 2022	Oct 2023
Delivery Dates	Oct 2018	Oct 2019	Oct 2020	Oct 2021	Oct 2022	Oct 2023	Oct 2024

Installation Information

Method of Implementation: Various

Installation Cost	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
FY 2019	- / -	6 / 7.898	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 7.898
FY 2020	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
FY 2021	- / -	- / -	18 / 15.137	25 / 19.392	- / -	25 / 19.392	- / -	- / -	- / -	- / -	- / -	43 / 34.529
FY 2022	- / -	- / -	- / -	- / -	- / -	- / -	24 / 17.879	- / -	- / -	- / -	- / -	24 / 17.879
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	36 / 20.719	- / -	- / -	- / -	36 / 20.719
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	36 / 21.133	- / -	- / -	36 / 21.133
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / 22.754	- / -	38 / 22.754
Total	- / -	6 / 7.898	18 / 15.137	25 / 19.392	- / -	25 / 19.392	24 / 17.879	36 / 20.719	36 / 21.133	38 / 22.754	- / -	183 / 124.912

Installation Schedule

	PYS	FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	3	3	4	4	4	6	6	6	6	7	6	6	6	6	9	9	9	9	9	9	9	9	9	9	10	10	574	757
Out	-	-	-	-	-	-	-	3	3	4	4	4	6	6	6	6	7	6	6	6	6	9	9	9	9	9	9	9	9	612	757