

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2021 Army	Date: February 2020
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Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	P-1 Line Item Number / Title: 6775A05101 / CH-47 Helicopter
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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: 0607137A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	359	7	9	6	1	7	6	6	6	6	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	10,109.764	137.098	176.729	206.936	50.472	257.408	165.746	183.313	193.972	215.474	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	648.412	17.820	20.778	46.186	-	46.186	18.372	18.559	18.749	18.936	Continuing	Continuing
Net Procurement (P-1) (<i>\$ in Millions</i>)	9,461.352	119.278	155.951	160.750	50.472	211.222	147.374	164.754	175.223	196.538	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	666.232	20.778	46.186	18.372	-	18.372	18.559	18.749	18.936	-	Continuing	Continuing
Total Obligation Authority (<i>\$ in Millions</i>)	10,127.584	140.056	202.137	179.122	50.472	229.594	165.933	183.503	194.159	196.538	Continuing	Continuing
(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>)	28,160.903	19,585.429	19,636.556	34,489.333	50,472.000	36,772.571	27,624.333	30,552.167	32,328.667	35,912.333	Continuing	Continuing

Description:

The CH-47F Chinook is a twin-turbine, tandem-rotor, heavy-lift transport helicopter with a useful load of up to 25,000 pounds. As the Army's only heavy lift helicopter, the CH-47F Improved Cargo helicopter is an essential component of the Army's Multi-Domain Battle framework. The CH-47F and MH-47G helicopters perform over 95% of the Army's heavy lift missions up to 25,000 pounds. The Chinook fleet has multiple missions including: transport troops (air assault), supply and resupply, weapons, equipment and other cargo operations. Operating throughout theater in combat, combat support, and combat service support roles. The CH-47F is vital to Overseas Contingency Operations and Homeland Security needs of our nation. Secondary missions include medical evacuation, aircraft recovery, parachute drops, disaster relief, and search and rescue. These aircraft are fielded to heavy lift companies contained within Combat Aviation Brigades and Special Operations Aviation. The CH-47F and MH-47G aircraft is expected to remain the Army's heavy lift helicopter for the next several decades. To maintain the Chinook, the Army's only heavy-lift cargo helicopter, the CH-47F Block II program will insert critical and affordable technologies into the Chinook fleet to affordably maintain the platform's operational capabilities while continuing to meet the Warfighter requirements. Key improvements include a strengthened airframe which introduces commonality with the MH-47G and improvements to rotor, fuel and electrical systems which will improve safety and reliability for the aircraft. Along with providing a significantly increased capability to the field, the program includes provisions for anticipated future upgrades as well as weight and cost savings initiatives to ensure the Army has a platform with the flexibility and performance needed to meet the needs of Multi-Domain Operations until a Heavy Future Vertical Lift variant is fielded.

The CH-47F Block I PM is fielding and training Combat Aviation Brigades (CABs) and NG/USAR units using a New Equipment Training team.

The CH-47F Block II PM ReNew and New Build programs rebuild or replace 73 MH-47G Block I Special Operations Aircraft and 465 CH-47F Block I aircraft to the Block II configuration.

PM Cargo procurement lines provide the common portion of funding for the Special Operations Aircraft, MH-47G. CH-47F Block II Product Office, in conjunction with Technology Applications Program Office (TAPO), is replacing the aging fleet of MH-47G aircraft that has airframe components dating back more than 45 years. The MH-47G program, while complementary to the CH-47F Block II program, is a separately managed Technology Applications Program Office (TAPO) ARSOAC program with a stand-alone Acquisition Strategy. The current Army Acquisition Objective (AAO) is 550 aircraft.

Secondary Distribution		FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025
Army	Quantity	7	9	6	1	7	6	6	6	6
	Total Obligation Authority	140.056	202.137	179.122	50.472	229.594	165.933	183.503	194.159	196.538
Total:	Quantity	7	9	6	1	7	6	6	6	6