[Month Day, Year]

The Honorable Rodney P. Frelinghuysen

Chairman

Committee on Appropriations

U.S. House of Representatives

Washington, DC 20515

Dear Mr. Chairman:

Pursuant to of Title 10 United States Code Section 2366b(c)(l), enclosed is the

Milestone B Report for the [INSERT NAME OF PROGRAM AND ACRONYM] program. The Milestone B for the [INSERT ACRONYM OF PROGRAM] program was approved on MONTH DAY, XXXX. An identical letter has been sent to the other congressional committees.

Sincerely,

DARLENE J. COSTELLO

Principal Deputy Assistant Secretary of the

Air Force (Acquisition & Logistics)

Enclosure:

As stated

cc:

The Honorable Nita M. Lowey

Ranking Member

Note:

* Sent to HAC, SAC, HASC & SASC Chairman and cc: Ranking Member
* HAC Rodney P. Frelinghuysen & Nita M. Lowey
* SAC Thad Cochran & Patrick J. Leahy
* HASC William M. “Mac” Mac Thornberry & Adam Smith
* SASC John McCain & Jack Reed
* Sent within 15 days of Milestone B

The Honorable Rodney P. Frelinghuysen

Chairman

Committee on Appropriations

U.S. House of Representatives

Washington, DC 20515

The Honorable John McCain

Chairman

Committee on Armed Services

United States Senate

Washington, DC 20510

The Honorable Thad Cochran

Chairman

Committee on Appropriations

United States Senate

Washington, DC 205l0

The Honorable William M. "Mac" Thornberry

Chairman

Committee on Armed Services

U.S. House of Representatives

Washington, DC 20515

**[INSERT NAME OF PROGRAM AND ACRONYM]**

**Milestone B Report**

The following information is provided to the congressional defense committees pursuant to Title 10 United States Code (USC) Section 2366b(c)(l):

(A) The program cost and fielding targets established by the Secretary of Defense under section

2448a(a) of this title.

This section is (Notional language: not applicable. Title 10 USC § 2448a(a) is part of Subchapter III of Chapter 144B. In accordance with section 807(a)(2) of the National Defense Authorization Act for Fiscal Year (FY) 2017 (Public Law I 14-328), Subchapter III of Chapter 144B only applies to Major Defense Acquisition Programs (MDAPs) that reach Milestone (MS) A after October 1, 2017. The [INSERT PROGRAM ACRONYM] MS A decision was made on [INSERT MONTH DAY, XXXX]).

(B) The estimated cost and schedule for the program established by the military department concerned, including: (i) the dollar values estimated for the program acquisition unit cost, average procurement unit cost, and total life-cycle cost; and (ii) the planned dates for each program milestone, initial operational test and evaluation, and initial operational capability.

(i) The Air Force prepared a (Notional language: Service Cost Position, dated [INSERT MONTH DAY, XXXX]), and established the following estimated cost:

Program Acquisition Unit Cost: (Notional language: Not Applicable\* or $[INSERT DOLLARS] Billion (BYXXXX$))

Average Procurement Unit Cost: (Notional language: Not Applicable\* or $[INSERT DOLLARS] Billion (BYXXXX$))

Total Life-Cycle Cost: (Notional language: Not Applicable\* or $[INSERT DOLLARS] Billion (BYXXXX$))

(Notional language if “Not Applicable”: [INSERT PROGRAM ACRONYM] is a non-standard program that is developing products that are to be embedded in systems across the Department of Defense (DoD). Production (and sustainment) will be provided for by hosting systems individually. However, the total cost estimated for research, development, test, and evaluation is $[INSERT DOLLARS] Billion (Base Year [INSERT YEAR] dollars (BYXXXX$)).

(ii) The schedule milestones are:

MS C: (Notional language: Not Applicable\* or MS C of [INSERT PROGRAM ACRONYM] is expected to occur from [INSERT DATE RANGE OR SPECIFIC DATE - MONTH DAY, XXXX]). (Notional language if “Not Applicable”: There are no production decisions in this development-only program.)

Operational Test and Evaluation (OT&E): OT&E of [INSERT PROGRAM ACRONYM] is expected to occur [INSERT from DATE RANGE OR on SPECIFIC DATE - MONTH DAY, XXXX]). (Notional language: …the four Service-designated lead platforms is expected to occur from October 2019 -April 2021 as follows:

[INSERT PLATFORM NAME (ACRONYM): [INSERT DATE RANGE - MONTH XXXX]

[INSERT PLATFORM NAME (ACRONYM): [INSERT DATE RANGE - MONTH XXXX]

(Notional language: Note: Operational Test for each lead platform is a Service-led event and the MGUE program provides support to this testing.

Initial Operation al Capability (IOC): Not Applicable. IOC will occur when sufficient quantities are fielded by the Services. Services will make IOC declarations for their weapon systems individually.

Full Rate Production: Not Applicable. There are no production decisions in this development-only program. Services will make individual production decisions.)

(C) The independent estimated cost for the program established pursuant to section 2334(a)(6) of this title, and any independent estimated schedule for the program , including: (i) the dollar values and ranges estimated for the program acquisition unit cost, average procurement unit cost, and total life-cycle cost; and (ii) the planned dates for each program milestone, initial operational test and evaluation, and initial operational capability.

(i) The Director of Cost Assessment and Program Evaluation (D, CAPE) conducted an Independent Cost Estimate for the program, dated [INSERT DATE - MONTH DAY, XXXX]), and established the following estimated cost:

Program Acquisition Unit Cost: (Notional language: Not Applicable or $[INSERT DOLLARS] Billion (BYXXXX$))

Average Procurement Unit Cost: (Notional language: Not Applicable or $[INSERT DOLLARS] Billion (BYXXXX$))

Total Life-Cycle Cost: (Notional language: Not Applicable or $[INSERT DOLLARS] Billion (BYXXXX$))

Total RDT&E Cost: (Notional language: Not Applicable or $[INSERT DOLLARS] Billion (BYXXXX$))

(ii) The D, CAPE, established the following estimated schedule:

MS C: (Notional language: Not Applicable or MS C of [INSERT PROGRAM ACRONYM] is expected to occur from [INSERT DATE RANGE OR SPECIFIC DATE - MONTH DAY, XXXX]). (Notional language if “Not Applicable”: There are no production decisions in this development-only program.).

Operational Test and Evaluation: OT&E of [INSERT PROGRAM ACRONYM] is expected to occur [INSERT from DATE RANGE OR on SPECIFIC DATE - MONTH DAY, XXXX]). (Notional language: …the four Service-designated lead platforms is expected to occur from October 2019 -April 2021 as follows:

[INSERT PLATFORM NAME (ACRONYM): [INSERT DATE RANGE - MONTH XXXX]

[INSERT PLATFORM NAME (ACRONYM): [INSERT DATE RANGE - MONTH XXXX]

Initial Operational Capability: IOC is expected to occur [INSERT from DATE RANGE OR on SPECIFIC DATE - MONTH DAY, XXXX]). (Notional language if not applicable: IOC will occur when sufficient quantities are fielded by the Services. Services will make IOC declarations for their weapon systems individually.)

Full Rate Production: FRP is expected to occur [INSERT from DATE RANGE OR on SPECIFIC DATE - MONTH DAY, XXXX]). (Notional language if not applicable: There are no production decisions in this development-only program. Services will make individual production decisions.)

(Notional language: The CAPE schedule forecast for remaining contractor development and lead platform integration activities is based on an independent schedule risk assessment. Schedule and cost performance to date of the [INSERT PROGRAM ACRONYM] contractors is considered in the development of the Independent Cost Estimate forecast.)

(D) A summary of the technical and manufacturing risks associated with the program, as determined by the military department concerned, including identification of any critical technologies or manufacturing processes that have not been successfully demonstrated in a relevant environment.

The Air Force identified (Notional language: no technologies in the program that have not been successfully demonstrated in a relevant environment. The Air Force also identified other risks related to engineering, integration, and manufacturing. These technical and manufacturing risks for the [INSERT PROGRAM ACRONYM] program are as follows:

o Late Discovery of Software Deficiencies.

o Test Planning/Execution of GPS Receiver Application Mod u le-Standard

Electronics Module E Readiness for B-2 Development Testing and Integration.

o Late Discovery of Hardware Deficiencies.

o Backwards Compatibility/Steady State Power.

o Trusted Foundry/Producibility.

o Weapon s Initialization.)

(E) A summary of the independent technical risk assessment conducted or approved under section 2448b of this title, including identification of any critical technologies or manufacturing processes that have not been successfully demonstrated in a relevant environment.

This section is not applicable. Title I0 USC § 2448b is part of Subchapter III of

Chapter 1448, which as stated above only applies to MDAPs that reach MS A after October 1, 2017. The [INSERT PROGRAM ACRONYM] MS A decision was made on [INSERT MONTH DAY, XXXX]).

(F) A statement of whether a modular open system approach is being used for the program.

A Modular Open System Approach (MOSA), as currently described in DoD issuances, (Notional language: was used to design [INSERT PROGRAM ACRONYM] as documented in the XXX Engineering Plan Version 3.0, Annex F - [INSERT PROGRAM ACRONYM] signed [INSERT MONTH DAY, XXXX]). MOSA as defined in title 10 USC § 2446a, applies to programs receiving MS A or MS B after January 1, 2019.)

(G) Any other information the milestone decision authority considers relevant.

[INSERT PROGRAM ACRONYM] is a (Notional language: non-standard program that is developing products that are to be embedded in systems across DoD. It is a development-only program that does not contain production and fielding decisions. The Services will make those decisions individually).