

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Air Force **Date:** April 2022

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0708055F <i>I Maintenance, Repair & Overhaul System</i>
--	--

COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	-	20.422	26.921	19.892	0.000	19.892	0.000	0.000	0.000	0.000	0.000	67.235
675329: <i>MAINTENANCE REPAIR AND OVERHAUL INTIATIVE</i>	-	20.422	26.921	19.892	0.000	19.892	0.000	0.000	0.000	0.000	0.000	67.235

Program MDAP/MAIS Code: 523

Note

In FY 2020 PE 0708055F, Maintenance, Repair & Overhaul Initiative (MROi) efforts were transferred from Project 675207 to Project 675329, MROi, in order to improve transparency of this Business System Category II (BCAT II), formerly an ACAT I acquisition program.

As a result of the transition from DoDI 5000.02 to DoDI 5000.75, MROi was reclassified to a BCAT II program as reflected in the 11 Apr 2018 MROi Milestone B ADM.

A. Mission Description and Budget Item Justification

The MROi program is a Doctrine, Organization, Training, Materiel, Leadership, Personnel, Facilities and Policies (DOTMLPF-P) transformation and standardization of both the business processes and enabling materiel solution. MROi will provide Air Force Sustainment Center (AFSC) with an integrated capability for planning, scheduling, and executing organic depot maintenance to support agile planning, optimized workload assignment, resource allocation, integrated quality, and maintenance-driven Air Force Working Capital Fund (AFWCF) financials auditability. This integrated capability, by definition, represents a critical step forward toward resolution of the Air Force's Integrated Financial Systems Material Weakness.

MROi will implement a configured Oracle Enterprise Business Suite (EBS) commercial off-the-shelf (COTS) software product with required report, interface, conversion, extension, and workflow (RICE-W) objects.

MROi will implement throughout all AFSC commodities, electronics, missile, propulsion, aircraft, software, and maintenance support groups. MROi's implementation will include transitional interfaces with various legacy systems to support continuous operations within the depot maintenance and supporting financials environment.

FY 2023 funding will support continued development and integration of MROi, leading to a planned Full Deployment Decision/Full Deployment Authority to Proceed (ATP). The MROi implementer will continue to configure the Oracle suite for comprehensive program requirements; configure associated Commercial-Off-The-Shelf (COTS) support software; develop RICE-W software; and develop training materials. Collaborative and combined development along with operational testing is being performed iteratively throughout development, configuration, integration, and deployment release. Funds will also be used to perform logistics system risk reduction, data analysis, studies, and innovative integration efforts for common technology capabilities such as cloud migration, infrastructure and cloud developmental test and hosting environment, technology development and mobile applications, as well as to support interfaces with other systems.

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Air Force	Date: April 2022
--	-------------------------

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0708055F / <i>Maintenance, Repair & Overhaul System</i>
--	--

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY21 0.000M was expended for civilian pay expenses in this program element, and in FY22 0.278M is forecasted for civilian pay expenses in this program element.

This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	24.468	26.921	0.000	0.000	0.000
Current President's Budget	20.422	26.921	19.892	0.000	19.892
Total Adjustments	-4.046	0.000	19.892	0.000	19.892
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	-3.401	0.000			
• SBIR/STTR Transfer	-0.645	0.000			
• Other Adjustments	0.000	0.000	19.892	0.000	19.892

Change Summary Explanation

The FY 2021 funding was decreased to accommodate other AF requirements.

The FY 2022 President's Budget submittal did not reflect FY 2023 through FY 2026 funding. Therefore, an explanation of the change between the two budget positions for FY2023 cannot be made in a relevant manner.

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2023 Air Force										Date: April 2022		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0708055F / Maintenance, Repair & Overhaul System				Project (Number/Name) 675329 / MAINTENANCE REPAIR AND OVERHAUL INTIATIVE			
COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
675329: MAINTENANCE REPAIR AND OVERHAUL INTIATIVE	-	20.422	26.921	19.892	0.000	19.892	0.000	0.000	0.000	0.000	0.000	67.235
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2020 PE 0708055F, Project 675207, Maintenance, Repair & Overhaul Initiative (MROi), efforts transferred to PE 0708055F, Project 675329, MROi, in order to improve transparency of this Business System Category II (BCAT II), formerly an ACAT I acquisition program.

As a result of the transition from DoDI 5000.02 to DoDI 5000.75, MROi was reclassified to a BCAT II program as reflected in the 11 Apr 2018 MROi Milestone B ADM.

A. Mission Description and Budget Item Justification

The MROi program is a Doctrine, Organization, Training, Materiel, Leadership, Personnel, Facilities and Policies (DOTMLPF-P) transformation and standardization of both the business processes and enabling materiel solution. MROi will provide Air Force Sustainment Center (AFSC) with an integrated capability for planning, scheduling, and executing organic depot maintenance to support agile planning, optimized workload assignment, resource allocation, integrated quality, and maintenance-driven Air Force Working Capital Fund (AFWCF) financials auditability. This integrated capability, by definition, represents a critical step forward toward resolution of the Air Force's Integrated Financial Systems Material Weakness.

MROi will implement a configured Oracle Enterprise Business Suite (EBS) commercial off-the-shelf (COTS) software product with required report, interface, conversion, extension, and workflow (RICE-W) objects.

MROi will implement throughout all AFSC commodities, electronics, missile, propulsion, aircraft, software, and maintenance support groups. MROi's implementation will include transitional interfaces with various legacy systems to support continuous operations within the depot maintenance and supporting financials environment.

FY 2023 funding will support continued development and integration of MROi, leading to a planned Full Deployment Decision/Full Deployment Authority to Proceed (ATP). The MROi implementer will continue to configure the Oracle suite for comprehensive program requirements; configure associated Commercial-Off-The-Shelf (COTS) support software; develop RICE-W software; and develop training materials. Collaborative and combined development along with operational testing is being performed iteratively throughout development, configuration, integration, and deployment release. Funds will also be used to perform logistics system risk reduction, data analysis, studies, and innovative integration efforts for common technology capabilities such as cloud migration, infrastructure and cloud developmental test and hosting environment, technology development and mobile applications, as well as to support interfaces with other systems.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F,

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2023 Air Force **Date:** April 2022

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0708055F / <i>Maintenance, Repair & Overhaul System</i>	Project (Number/Name) 675329 / <i>MAINTENANCE REPAIR AND OVERHAUL INTIATIVE</i>
--	--	---

0606398F. In FY21 0.000M was expended for civilian pay expenses in this program element, and in FY22 0.278M is forecasted for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2021	FY 2022	FY 2023
Title: Product Development	20.422	26.921	19.892
Description: The MROi transformation effort will create an enterprise capability for agile planning, scheduling, and depot maintenance. Additionally it will, integrate the capture of auditable financial transactions at the point of work and optimize workload assignments and resource allocations.			
FY 2022 Plans:			
- Continue development and integration of MROi, leading to a planned Full Deployment Decision/Full Deployment Authority to Proceed (ATP).			
- Continue to configure the Oracle suite; configure associated Commercial-Off-The-Shelf (COTS) support software; develop Reports, Interfaces, Conversions and Extensions - Workflows (RICE-W) software; and develop training materials.			
- Continue to perform collaborative and combined development and operational testing iteratively throughout the development, configuration, integration, and deployment.			
FY 2023 Plans:			
- Will continue development and integration of MROi, leading to a planned Full Deployment Decision/Full Deployment Authority to Proceed (ATP).			
- Will continue to configure the Oracle suite; configure associated Commercial-Off-The-Shelf (COTS) support software; develop Reports, Interfaces, Conversions and Extensions - Workflows (RICE-W) software; and develop training materials.			
- Will continue to perform collaborative and combined development and operational testing iteratively throughout the development, configuration, integration, and deployment.			
- Will initiate responsibility of hosting/infrastructure architecture design that relates to MROi.			
FY 2022 to FY 2023 Increase/Decrease Statement: Funding reduced to support higher Air Force priorities			
Accomplishments/Planned Programs Subtotals	20.422	26.921	19.892

C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2023</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To</u>	<u>Total Cost</u>
			<u>Base</u>	<u>OCO</u>	<u>Total</u>					<u>Complete</u>	
• OPAF 03 834480: <i>Maintenance Repair & Overhaul Initiative</i>	-	4.387	0.248	-	0.248	-	-	-	-	21.523	26.158

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2023 Air Force		Date: April 2022
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0708055F / <i>Maintenance, Repair & Overhaul System</i>	Project (Number/Name) 675329 / <i>MAINTENANCE REPAIR AND OVERHAUL INTIATIVE</i>

C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u> <u>Base</u>	<u>FY 2023</u> <u>OCO</u>	<u>FY 2023</u> <u>Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
------------------	----------------	----------------	-------------------------------	------------------------------	--------------------------------	----------------	----------------	----------------	----------------	-----------------------------------	-------------------

Remarks

D. Acquisition Strategy

MROi uses an agile, incremental build-release acquisition strategy to deliver capability. The program used a competitive, best value strategy to select a system implementer utilizing the existing NETCENTS-2 Small Business Application Services contract for the original contract, which was awarded 11 Jul 2018 and concluded 16 Sep 2020. For the follow-on effort, the program used a competitive, best value strategy to select a system implementer utilizing the existing NETCENTS-2 Full and Open Large Business Application Services contract, awarded in Sep 20. Hosting Infrastructure is planned to be provided through the Enterprise Resource Planning - Common Services (ERP-CS) but MROi will fund program unique hosting infrastructure costs starting in FY23, as required.

- Development Contract Strategy
- Directed use of NETCENTS II Application Services IDIQ
- Competitive, Best Value Full Trade-off procedures
- Own technical baseline
- Tech Stack Licenses
- Follow-on increments with financial integration to be performed by large business

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Air Force **Date:** April 2022

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0708055F / Maintenance, Repair & Overhaul System	Project (Number/Name) 675329 / MAINTENANCE REPAIR AND OVERHAUL INTIATIVE
--	---	--

Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Maintenance, Repair and Overhaul Initiative: Configuration System Implementer	C/Various	NETCENTS-2 : WPAFB, OH	-	5.557	Jul 2021	11.492	Nov 2021	8.222	Nov 2022	-		8.222	Continuing	Continuing	-
Maintenance, Repair and Overhaul Initiative: MITRE FFRDC	C/CPFF	MITRE : Hanscom AFB, MA	-	0.108	Jul 2021	0.000		0.000		-		0.000	Continuing	Continuing	-
Maintenance, Repair and Overhaul Initiative: PMO Oracle Support	C/CPFF	Various : WPAFB, OH	-	0.537	Feb 2021	1.149	Dec 2021	1.092	Dec 2022	-		1.092	Continuing	Continuing	-
Maintenance, Repair and Overhaul Initiative: Integration and Engineering	MIPR	BAH : WPAFB, OH	-	1.385	May 2021	1.961	Jan 2022	1.602	Dec 2022	-		1.602	Continuing	Continuing	-
Maintenance, Repair and Overhaul Initiative: Oracle Trusted Agent	C/Various	DLT Solution, LLC : Gunter Annex, AL	-	0.299	May 2021	0.631	Nov 2021	0.374	Nov 2022	-		0.374	Continuing	Continuing	-
Maintenance, Repair and Overhaul Initiative: DISA	MIPR	DISA : Fort Mead, MD	-	0.957	Apr 2021	0.220	Nov 2021	0.000		-		0.000	Continuing	Continuing	-
Maintenance, Repair and Overhaul Initiative: EAS	C/FFP	Bowhead : Gunter Annex, AL	-	0.689	Dec 2020	0.789	Nov 2021	0.373	Nov 2022	-		0.373	Continuing	Continuing	-
Maintenance, Repair and Overhaul Initiative: Data platforms, services, integration, transformation and curation	C/FFP	TACG : WPAFB, OH	-	1.662	Dec 2020	1.722	Nov 2021	0.897	Nov 2022	-		0.897	Continuing	Continuing	-
Subtotal			-	11.194		17.964		12.560		-		12.560	Continuing	Continuing	N/A

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Air Force												Date: April 2022			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
3600 / 7				PE 0708055F / Maintenance, Repair & Overhaul System				675329 / MAINTENANCE REPAIR AND OVERHAUL INTIATIVE							
Support (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Maintenance, Repair, and Overhaul Initiative: EPASS	C/CPFF	AFLCMC/AZS : Hanscom, MA	-	3.910	Jan 2021	2.746	Jan 2022	2.450	Nov 2022	-		2.450	Continuing	Continuing	-
Maintenance, Repair and Overhaul Initiative: Direct Cite Authority	Reqn	AFLCMC : Gunter Annex, AL	-	0.000		0.278	Oct 2021	0.285	Oct 2022	-		0.285	Continuing	Continuing	-
Subtotal			-	3.910		3.024		2.735		-		2.735	Continuing	Continuing	N/A
Test and Evaluation (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Maintenance, Repair and Overhaul Initiative: Test Support	PO	96th Test Wing : Eglin, FL	-	0.253	Jan 2021	1.047	Jan 2022	0.334	Nov 2022	-		0.334	0.000	1.634	-
Maintenance, Repair and Overhaul Initiative: Test Licenses	C/FP	V3 Gate : Gunter Annex, AL	-	2.457	Apr 2021	2.770	Feb 2022	0.000		-		0.000	Continuing	Continuing	-
Maintenance, Repair and Overhaul Initiative: Joint Interoperability Test Command (JITC) Support	MIPR	GSA : WPAFB, OH	-	0.010	Mar 2021	0.005	Mar 2022	0.028	Dec 2022	-		0.028	0.000	0.043	-
Subtotal			-	2.720		3.822		0.362		-		0.362	Continuing	Continuing	N/A
Management Services (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Maintenance, Repair, and Overhaul Initiative: PMA	Various	Various : TBD	-	1.499	Jun 2021	1.567	Nov 2021	1.997	Nov 2022	-		1.997	0.000	5.063	-
Maintenance, Repair and Overhaul Initiative: OCI Hosting Environment	TBD	TBD : TBD	-	0.000		0.000		1.343	Nov 2022	-		1.343	Continuing	Continuing	-

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2023 Air Force		Date: April 2022
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0708055F / <i>Maintenance, Repair & Overhaul System</i>	Project (Number/Name) 675329 / <i>MAINTENANCE REPAIR AND OVERHAUL INTIATIVE</i>

	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Maintenance, Repair and Overhaul Initiative																												
MVP 1																												
MVP 1 Government Integrated Test 1.1																												
MVP 2-4 Development																												
Government Integrated Test (MVP 2-4.1)																												
Government Integrated Test (MVP 2-4.2)																												
Government Integrated Test (MVP 2-4.3)																												
MVP 5-6 Development																												
Government Integrated Test (MVP 5-6.1)																												
Government Integrated Test (MVP 5-6.2)																												
Initial Operational Test & Evaluation																												
Implementation																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2023 Air Force		Date: April 2022
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0708055F / <i>Maintenance, Repair & Overhaul System</i>	Project (Number/Name) 675329 / <i>MAINTENANCE REPAIR AND OVERHAUL INTIATIVE</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Maintenance, Repair and Overhaul Initiative</i>				
MVP 1	1	2021	3	2021
MVP 1 Government Integrated Test 1.1	1	2021	3	2021
MVP 2-4 Development	1	2021	4	2023
Government Integrated Test (MVP 2-4.1)	1	2023	1	2023
Government Integrated Test (MVP 2-4.2)	3	2023	3	2023
Government Integrated Test (MVP 2-4.3)	1	2024	1	2024
MVP 5-6 Development	1	2024	2	2024
Government Integrated Test (MVP 5-6.1)	2	2024	2	2024
Government Integrated Test (MVP 5-6.2)	3	2024	3	2024
Initial Operational Test & Evaluation	4	2024	4	2024
Implementation	2	2024	4	2025