Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Air Force

R-1 Program Element (Number/Name)

**Date:** February 2019

Appropriation/Budget Activity

3600: Research, Development, Test & Evaluation, Air Force I BA 7:

Operational Systems Development

PE 0708610F I Logistics Information Technology (LOGIT)

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COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
Total Program Element	0.000	23.332	13.479	16.065	0.000	16.065	33.247	52.865	72.525	57.803	Continuing	Continuing
675207: Logistics IT System Modernization	0.000	23.332	13.479	16.065	0.000	16.065	33.247	52.865	72.525	57.803	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

#### Note

This program, BA 7, PE 0708610F, project 675207, Enhanced Technical Information Management System Enhancements (ETIMS Enhancements), is a new start. This program, BA 7, PE 0708610F, project 675207, Transformation Capability Initiative - Supply Capability Initiative (SCI), is a new start.

### A. Mission Description and Budget Item Justification

The AF requires an integrated logistics capability that provides timely, accurate and reliable information to decision makers at all levels of command and across the full range of military operations.

## FIAR and Software Upgrades:

- The remediation and modification of core logistics systems is necessary for the AF to meet statutory Financial Improvement Audit Readiness (FIAR) requirements and align with the Joint Chiefs of Staff J-4 Concept for Logistics, and the AF Portfolio Board's approved Logistics Flight Plan. The AF must concurrently sustain and modify identified logistics systems to achieve FIAR remediation by the statutory deadline; execute software upgrades to reduce high operating costs and meet evolving operational demands; implement statutory compliance requirements; improve system performance; and enable system consolidation efforts that lower the cyber threat space and reduce long-term portfolio costs.
- Identified systems include, but are not limited to, the Integrated Logistics System-Supply (ILS-S), Commercial Asset Visibility Air Force (CAV-AF) Enhanced Technical Information Management System (ETIMS), Integrated Maintenance Data System (IMDS), Reliability and Maintainability Information System (REMIS), and Stock Control System (SCS). Additional logistics system may be included as financial audits are completed and system consolidation efforts mature.

#### Transformation:

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- The AF must transform its logistics business processes and transition away from using numerous custom stovepipe systems and processes that perform similar tasks. Eliminating process redundancies across the logistics enterprise will enable the AF to execute more secure, resilient, efficient, cost-effective and integrated logistics. The objective of transformation is to conduct Business Process Re-engineering (BPR) to identify and eliminate overlaps in business processes across core logistics systems and, where appropriate, implement new IT systems that employ best commercial practices and modern cloud-based architectures.

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- The AF will take full advantage of the flexibilities provided by DoDI 5000.75, Business Systems Requirements and Acquisition guidance, as well as Agile development methodologies to identify requirements across the spectrum of Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, Facilities and Policy (DOTMLPF-P); and to acquire and deploy approved material solutions in the most efficient and effective manner possible. The Business Capability Acquisition Cycle (BCAC) identifies five phases: Capability Need Identification; Business Solution Analysis; Business System Functional Requirements and Acquisition Planning; Business System Acquisition, Testing, and Deployment; and, Capability Support. These phases are structured to optimize joint responsibility of functional and acquisition activities leading to the successful delivery of business capability with an emphasis on acquisition of business systems aligned to commercial best practices utilizing commercial off-the-shelf (COTS) and government off-the-shelf (GOTS) solutions, to the extent possible.

- The AF logistics enterprise is comprised of multiple overarching functional areas, to include base- and depot-level maintenance, end-to-end supply chain management, and predictive analysis and forecasting. The AF will standardize its business processes within each major logistics functional area through Transformational Capability Initiatives (CIs). These CIs include, but are not limited to: Maintenance, Repair and Overhaul (MROi), Item Master, Supply Chain Management (SCM), and Product Lifecycle Management (PLM). There may be one or more specific initiatives aligned to each of the major CI areas referenced above.

### Transformation Capability Initiatives:

- Item Master Logistics Capability Initiative (IMLCI) provides the capability to manage comprehensive, accurate, reliable item master data (e.g., accurate identification and authorization of owners and users of items). SCM Item Master is a key component of the Air Force (AF) Logistics Capability Transformation Plan. It will provide Item standardization and configuration management from a single authoritative source, ensuring foundational logistics processes are executed in concert to support the A4 logistics baseline. Item Master will enable key integration and transformation capabilities, including IUID association to business transactions; streamlined management of part item attributes across supply, finance, engineering, technology, transportation, maintenance, and vendor communities; and provide translation capabilities between functional and technical business communities and systems.
- SCM Supply Capability Initiative is focused on enabling simplified, standardized processes to fundamentally enhance the business operations and provide total asset visibility across the supply chain. These improvements have been identified in the USAF Logistics Capabilities Transformation Plan.
- SCM Field Maintenance will improve the AF field maintenance capabilities across Mission Generation Network (MGN) and Repair Network (RN) (e.g. propulsion, avionics, command and control (C2) enabler systems, cyber systems, communications-electronics & simulation, Precision Measurement Equipment Laboratory (PMEL), etc.) including the planning, scheduling, execution and oversight of functional deficiencies incurred over the past 10 years due to lack of prioritized funding and failure of the previous enterprise-wide modernization approach.
- PLM enables AF engineering/logistics communities to define, track, protect and manage product data for AF weapon systems and equipment. The AF requires the ability to control configuration of the product throughout the life of the asset. Standardized configuration control will ensure validity, accuracy, reliability, currency, and security of the product information, which will increase weapon system readiness by decreasing costs to manage, protect, store and deliver product information.

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3600: Research, Development, Test & Evaluation, Air Force I BA 7:	PE 0708610F I Logistics Information Technology (LOGIT	Ŋ
Operational Systems Development		

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- Funds will be used to perform innovative integration efforts for common technology capabilities such as cloud migration, technology development and mobile application.
- This program element may include necessary civilian pay expenses required to manage, execute, and deliver our integrated logistics capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0605826F, 0605827F, 0605828F, 0605829F, 0605830F, 0605831F, 0605832F, 0605833F.

As directed in the FY 2018 NDAA, Sec 825, amendment to PL 114-92 FY 2016 NDAA, Sec 828 Penalty for Cost Overruns, the FY 2018 Air Force penalty total is \$14.373M. The calculated percentage reduction to each research, development, test and evaluation and procurement account will be allocated proportionally from all programs, projects, or activities under such account.

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Previous President's Budget	33.344	13.787	27.623	0.000	27.623
Current President's Budget	23.332	13.479	16.065	0.000	16.065
Total Adjustments	-10.012	-0.308	-11.558	0.000	-11.558
<ul> <li>Congressional General Reductions</li> </ul>	-3.192	-0.308			
<ul> <li>Congressional Directed Reductions</li> </ul>	0.000	0.000			
<ul> <li>Congressional Rescissions</li> </ul>	0.000	0.000			
<ul> <li>Congressional Adds</li> </ul>	0.000	0.000			
<ul> <li>Congressional Directed Transfers</li> </ul>	0.000	0.000			
<ul> <li>Reprogrammings</li> </ul>	-5.832	0.000			
SBIR/STTR Transfer	-0.988	0.000			
Other Adjustments	0.000	0.000	-11.558	0.000	-11.558

## **Change Summary Explanation**

- FY18 PE 0708610F received \$3.000 Congressional Mark, \$0.192M FFRDC Congressional reductions, \$0.988M SBIR reduction, and \$5.832M was below threshold reprogrammed.
- FY19 PE 0708610F received \$0.308M FFRDC Congressional reduction.

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2018	FY 2019	FY 2020
Title: Integrated Logistics Support - Supply Enhancements (ILS-S Enhancements)	0.000	0.600	0.600

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propriation/Budget Activity 10: Research, Development, Test & Evaluation, Air Force I BA 7: erational Systems Development  Accomplishments/Planned Programs (\$ in Millions)  Scription: Modify ILS-S to meet existing and future compliance requirements. Support Logistics Application Rationalization. diffications may include system changes to subsume functionality of other systems in support of terminating duplicate capability disystems, as well as enhancements to meet compliance requirements such as Item Unique Identification (IUID), Defense spistics Marking Standards (DLMS), and enhancements for information technology modernization.  2019 Plans: eigin directed subsumption activities and enhancements.  2020 Plans: fill continue directed subsumption activities and enhancements.  2020 Plans: fill continue all audit readiness activities to support future FIAR (FISCAM/Blue Book) requirements. These requirements st be accomplished and fully executed to not only ensure program success, but also to meet mandated FIAR compliance. ditionally, these requirements will be fielded with multiple SW releases, as identified on the R-4A schedule profile.  2019 Plans: ffort was halted in Mar 2018 due to the greater economic feasibility to use the Defense Property Accountability System (DPAS), future Accountable Property System of Record. Effort will be decommissioned in FY19.  2020 Plans: ffort was halted in Mar 2018 due to the greater economic feasibility to use the Defense Property Accountability System (DPAS), future Accountable Property System of Record. Effort will be decommissioned in FY19.  2020 Plans: fort was halted in Mar 2018 due to the greater economic feasibility to use the Defense Property Accountability System (DPAS), future Accountable Property System of Record. Effort will be decommissioned in FY19.  2020 Plans: fort was halted in Mar 2018 due to the greater economic feasibility to use the Defense Property Accountability System (DPAS), future Accountable Property System of Record. Effort will be decommissioned in FY			
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egin directed subsumption activities and enhancements.  2020 Plans:  fill continue directed subsumption activities and enhancements.  fee: Air Force Equipment Management System Financial Improvement Audit Readiness (AFEMS FIAR)  scription: AFEMS will satisfy multiple FIAR requirements activities to establish, document and test/assess system audit incess. Continue all audit readiness activities to support future FIAR (FISCAM/Blue Book) requirements. These requirements at be accomplished and fully executed to not only ensure program success, but also to meet mandated FIAR compliance. ditionally, these requirements will be fielded with multiple SW releases, as identified on the R-4A schedule profile.  2019 Plans:  ffort was halted in Mar 2018 due to the greater economic feasibility to use the Defense Property Accountability System (DPAS), future Accountable Property System of Record. Effort will be decommissioned in FY19.  2020 Plans:  ffort was halted in Mar 2018 due to the greater economic feasibility to use the Defense Property Accountability System (DPAS), future Accountable Property System of Record. Effort will be decommissioned in FY19.  10e: Enhanced Technical Information Management System Enhancements (ETIMS Enhancements)  10e: Enhanced Technical Information Management System Enhancements (ETIMS Enhancements into the AF Enterprise chnical Order (TO) Management System, and future ETIMS development falls into this category. ETIMS enhancements is a velopment effort that will satisfy Nuclear Enterprise eTO Content Management Support, Large File On-line eTO viewing (cloud)			
Ide: Air Force Equipment Management System Financial Improvement Audit Readiness (AFEMS FIAR)  Ide: Air Force Equipment Management System Financial Improvement Audit Readiness (AFEMS FIAR)  Ide: Air Force Equipment Management System Financial Improvement Audit Readiness (AFEMS FIAR)  Ide: Air Force Equipment Management System Financial Improvement Audit Readiness (AFEMS FIAR)  Ide: AFEMS will satisfy multiple FIAR requirements activities to establish, document and test/assess system audit diness. Continue all audit readiness activities to support future FIAR (FISCAM/Blue Book) requirements. These requirements stope accomplished and fully executed to not only ensure program success, but also to meet mandated FIAR compliance. ditionally, these requirements will be fielded with multiple SW releases, as identified on the R-4A schedule profile.  Ide: Accountable Property System of Record. Effort will be decommissioned in FY19.  Ide: Enhanced Technical Information Management System Enhancements (ETIMS Enhancements)  Ide: Enhanced Technical Information Management System Enhancements (ETIMS Enhancements)  Ide: Enhanced Technical Information Management System Enhancements (ETIMS Enhancements)  Ide: Enhancements Document(FRD). ETIMS requires modernization to incorporate enhancements into the AF Enterprise chnical Order (TO) Management System, and future ETIMS development falls into this category. ETIMS enhancements is a velopment effort that will satisfy Nuclear Enterprise eTO Content Management Support, Large File On-line eTO viewing (cloud)			
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Functional Requirements Document(FRD). ETIMS requires modernization to incorporate enhancements into the AF Enterprise chnical Order (TO) Management System, and future ETIMS development falls into this category. ETIMS enhancements is a velopment effort that will satisfy Nuclear Enterprise eTO Content Management Support, Large File On-line eTO viewing (cloud	0.000	0.000	0.60
sed), AFTO 43 - Automate Technical Order Distribution Office (TODO) Account Request, and deploying electronic Technical ders (eTOS) to MacBook and sync to IPADS.			
2019 Plans:			
	'	'	

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Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Air Force		Date: Fo	ebruary 2019	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0708610F I Logistics Information Technology (L	OGIT)		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2018	FY 2019	FY 2020
- Effort planned to begin in FY20.				
FY 2020 Plans: - Will begin preparations for new development effort, continuing modification	n of ETIMS software.			
FY 2019 to FY 2020 Increase/Decrease Statement: - Funding increased due to effort planned to begin development in FY20.				
Title: Enhanced Technical Information Management System Software Upg	rade (ETIMS SUP)	6.604	0.800	0.000
<b>Description:</b> Modify ETIMS software to integrate additional enhancements Requirements Document(FRD). ETIMS requires modernization to incorpora Order (TO) Management System, and the current ETIMS release that is be mod effort that will satisfy the Management of Computer Program Identifical System of record Time Compliance Technical Order (TCTO) data with REM and distribute Interactive Electronic Technical Manuals (IETMs).	ate enhancements into the AF Enterprise Technical sing worked falls into this category. ETIMS is a dev/ ation Number (CPINs), archive digital TOs, interface			
FY 2019 Plans: - Complete software modification effort and deploying software.				
FY 2020 Plans: - Effort complete in FY19.				
FY 2019 to FY 2020 Increase/Decrease Statement: - Funding decreased due to effort's completion in FY19.				
Title: Integrated Maintenance Data System - Central Database Software U	pgrade Program Version 3.0 (IMDS CDB SUP)	0.000	0.500	0.500
<b>Description:</b> Modify IMDS CDB SUP v3.0 and associated requirements to improvements (Internet Protocol Version 6, Item Unique Identification, etc), reduce annual operating costs of critical maintenance documentation systems.	and enable an infrastructure migration to significantly			
FY 2019 Plans: - Award development contract for IMDS CDB SUP capabilities.				
FY 2020 Plans: - Continuation of development effort.				
<b>Title:</b> Integrated Maintenance Data System Central Database Maintenance CDB MSAT SUP)	e Scheduling Application Tool Software Upgrade (IMDS	2.765	0.700	0.000

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2018	FY 2019	FY 2020
<b>Description:</b> Modify IMDS Central Database (CDB) software to enable th Application Tool (MSAT) functionality into IMDS CDB, reducing the number base level maintenance.				
FY 2019 Plans: - Complete deployment.				
FY 2020 Plans: - Effort complete in FY19.				
FY 2019 to FY 2020 Increase/Decrease Statement: - Funding decreased due to effort's completion in FY19.				
Title: Reliability and Maintainability Information System Software Upgrade	e (REMIS SUP)	4.364	1.100	0.00
<b>Description:</b> Complete development program (software upgrade and morncludes Upgrade (JAVA EE), and transition to DISA and common comput				
FY 2019 Plans: - Complete development program (moving into DISA), utilizing PMO supp environment actions.	ort contractors while completing outstanding CCE			
FY 2020 Plans: - Effort complete in FY19.				
FY 2019 to FY 2020 Increase/Decrease Statement: - Funding decreased due to effort's completion in FY19.				
<i>Title:</i> Reliability and Maintainability Information System Enhancements (F	REMIS Enhancements)	0.000	0.600	0.60
<b>Description:</b> Modify REMIS to meet existing and future compliance requi Modifications may include system changes to subsume functionality of oth and systems, as well as enhancements to meet compliance requirements Logistics Marking Standards (DLMS), and enhancements for information to	ner systems in support of terminating duplicate capability such as Item Unique Identification (IUID), Defense			
FY 2019 Plans: - Begin directed subsumption activities and enhancements.				
FY 2020 Plans:				

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2018	FY 2019	FY 2020
- Will continue directed subsumption activities and enhancements.				
Title: Stock Control System Financial Improvement and Audit Readiness (	(SCS FIAR)	2.332	0.090	0.000
<b>Description:</b> SCS FIAR PMO to perform multiple FIAR Congressional recassess system audit readiness. PMO supports all audit readiness activities requirements must be accomplished and fully executed to not only ensure compliance. Additionally, these requirements will be fielded with multiple Schedule Profile and R-4A, RDTE Schedule Details, for SCS FIAR.	s for future FIAR (TFM Chap 500) requirements. These program success, but also to meet mandated FIAR			
FY 2019 Plans: - Complete modification of software to achieve FIAR compliance.				
FY 2020 Plans: - Effort complete in FY19.				
FY 2019 to FY 2020 Increase/Decrease Statement: - Funding decreased due to efforts completion in FY19.				
Title: Transformation Capability Initiative - Item Master Logistics Capability	y Initiative (IMLCI)	2.997	7.439	11.615
<b>Description:</b> The IMLCI will provide comprehensive Item Catalog and Provide and will replace the Item Management Control System (IMCS) suite of legarepository for the Item core business objects, providing standardization of propagation, and standardized views for all applicable Item types. Addition engineering Product Lifecycle Management (PLM) type system. Item Mass Item data that is the core underlying information for each Capability Initiative enterprise systems. IMLCI has been nominated as a NDAA Section 873, "Software-Intensive Warfighting Systems and Defense Business Systems and	acy systems, at a minimum. IMLCI will be the central Item cataloging processes, structure, attributes, nally, IMLCI will receive product structure input from an ter Logistics Capability Initiative (IMLCI) will contain the ve (CI), and as such will integrate with many logistics Agile or Iterative Development Methods to Tailor Major			
FY 2019 Plans: - Finalize requirements for the Acquisition ATP (ATP 3) approval - Begin development				
FY 2020 Plans: - Will achieve Limited Deployment ATP (ATP 4)				
FY 2019 to FY 2020 Increase/Decrease Statement:				

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2018	FY 2019	FY 2020
- Funding increased due to full development efforts scheduled to begin in F	FY20.			
Title: Transformation Capability Initiative - Supply Capability Initiative (SCI		-	0.000	0.500
<b>Description:</b> SCI is focused on enabling simplified, standardized processe and provide total asset visibility across the supply chain. These improvement Capabilities Transformation Plan.				
FY 2019 Plans: - Effort planned to begin in FY20.				
FY 2020 Plans: - Will stand up program management office to begin preparations for an Ac	equisition ATP in August 2020.			
FY 2019 to FY 2020 Increase/Decrease Statement: - Funding increased due to effort planned to begin development in FY20.				
Title: Transformation Capability Initiative - Supply Chain Management - Fig.	eld Maintenance Initiative (SCM Field MX)	0.000	0.000	0.000
<b>Description:</b> SCM Field Maintenance will improve the AF field maintenance (MGN) and Repair Network (RN) (e.g. propulsion, avionics, C2 enabler system & simulation, Precision Measurement Equipment Laboratory (PMEL), etc.) oversight of functional deficiencies incurred over the past 10 years due to I enterprise-wide modernization approach.	stems, cyber systems, communications-electronics including the planning, scheduling, execution and			
FY 2019 Plans: - Re-baselined to begin development in FY22.				
FY 2020 Plans: - Re-baselined to begin development in FY22.				
Title: Transformation Capability Initiative - Product Lifecycle Management	(PLM)	4.270	0.000	0.000
<b>Description:</b> PLM will enable AF engineering/logistics communities to defi weapon systems and equipment. It will also enable collaboration by conne equipment manufacturers with equipment specialists and internal/external manage PLM information from cradle to grave.	cting field users with Center engineers, original			
FY 2019 Plans:				

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Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Air Force		Date: F	ebruary 2019	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0708610F / Logistics Information Technology (L	OGIT)		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2018	FY 2019	FY 2020
- Re-baselined to begin in FY21.				
FY 2020 Plans: - Re-baselined to begin in FY21.				
Title: Emerging Financial Improvement and Audit Readiness (Emerging Fl	AR)	0.000	0.450	0.45
<b>Description:</b> Modify operational Logistics software systems to incorporate the result of on-going analysis of the Treasury Financial Management (TFN and the DoD FMR volume 1, chapter 3. The results are identified and docu via a material solution.	1) Chapter 9500 as directed by OMB A-123 appendix D,			
FY 2019 Plans: - Continue FIAR remediation efforts of those programs with deficiencies do TFM Chapter 9500 review.	cumented as a result of on-going analyses of the latest			
FY 2020 Plans: - Will continue FIAR remediation efforts of those programs with deficiencies latest TFM Chapter 9500 review.	s documented as a result of on-going analyses of the			
Title: Logistics Strike Teams (Strike Teams)		0.000	1.200	1.20
<b>Description:</b> Rapidly transform the Logistics IT landscape and improve oper collapsing 359 systems; enhancing logistics data analytics and forecasting by migrating applications to modern hosting environments with shared services and complexity, enable technology insertion and synthesize logistics in	with more accurate and timely data; and reducing costs ices, all while applying Agile methodologies to reduce			
FY 2019 Plans: - Continue to initiate and accomplish efforts to collapse 359 systems and endethodologies that will 1) improve command and control, 2) enhance logist redundancy and duplication. Enhance logistics data analytics environment capabilities; incorporate automated tools for rapid consolidation of duplication.	tics data analytics and forecasting, and 3) eliminate with machine learning, predictive, and prognostic			
FY 2020 Plans: - Will continue to initiate and accomplish efforts to collapse 359 systems an accurate methodologies that will 1) improve command and control, 2) enhanced				

PE 0708610F: Logistics Information Technology (LOGIT)
Air Force

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Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Air Force		Date: February 2019
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	
3600: Research, Development, Test & Evaluation, Air Force I BA 7:	PE 0708610F I Logistics Information Technology (LOGIT	7
Operational Systems Development		

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2018	FY 2019	FY 2020
eliminate redundancy and duplication. Enhance logistics data analytics environment with machine learning, predictive, and prognostic capabilities; incorporate automated tools for rapid consolidation of duplicative analytics capabilities.			
Accomplishments/Planned Programs Subtotals	23.332	13.479	16.065

## D. Other Program Funding Summary (\$ in Millions)

			FY 2020	FY 2020	FY 2020					<b>Cost To</b>	
<u>Line Item</u>	FY 2018	FY 2019	<b>Base</b>	<u>000</u>	<u>Total</u>	FY 2021	FY 2022	FY 2023	FY 2024	Complete	<b>Total Cost</b>
<ul> <li>OPAF 03 Line Item 834430:</li> </ul>	1.462	0.483	11.226	-	11.226	3.651	11.206	3.923	3.638	Continuing	Continuing
Olahal Oanahat Ounanant											

Global Combat Support System-Air Force (GCSS-AF)

#### Remarks

### E. Acquisition Strategy

Air Force Program Executive Office - Business Enterprise Systems (AFPEO-BES) is evaluating systems under the DoDI 5000.75 to approve authorities to proceed (ATP) for each core logistics system remediation/modification project.

The Logistics IT program utilizes the Agile software development methodology in the acquisition of these projects. The projects will use Firm Fixed Price contracts to the maximum extent possible as the program establishes new contracts or task orders. To improve the efficiency of the contracting process and reduce contract cycle time, the core logistics system program offices plan to use the existing NETCENTS-2 contract vehicle utilizing Best Value acquisition methodology where possible.

Agile development practices transform IT acquisitions by delivering capabilities faster and responding more effectively to changes in operations, technology, and budgets. The four objectives of Agile software development are: 1. Focusing on small, frequent capability releases; 2. Valuing working software over comprehensive documentation; 3. Responding rapidly to changes in operations, technology, and budgets; 4. Actively involving users throughout development to ensure high operational value.

#### **F. Performance Metrics**

Air Force

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

PE 0708610F: Logistics Information Technology (LOGIT)

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Air Force

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0708610F I Logistics Information Technology (LOGIT)

Project (Number/Name)

675207 I Logistics IT System Modernization

Date: February 2019

Product Developme	nt (\$ in M	illions)		FY 2	2018	FY 2	2019		2020 ise	FY 2		FY 2020 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
ETIMS Enhancements - Prime Integration	C/CPAF	TBD : WPAFB, OH	0.000	-		-		0.518	Aug 2020	-		0.518	0.000	0.518	-
ETIMS SUP - Data Pilot	MIPR	AFRL : Rome, NY	0.000	0.868	Apr 2018	-		-		-		-	0.000	0.868	-
ETIMS SUP - Release v01.03	C/CPAF	DMI : WPAFB, OH	0.000	5.169	Dec 2017	0.500	Jun 2019	-		-		-	0.000	5.669	-
IMDS CDB MSAT SUP - Version 2.1	C/FFP	NETCENTS-2 : MAFB-Gunter, AL	0.000	1.436	Oct 2017	0.535	Oct 2018	-		-		-	0.000	1.971	-
SCS FIAR - CSRD Work Contract	C/CPAF	NETCENTS-2: WPAFB, OH	0.000	1.719	Jun 2018	0.090	Oct 2018	-		-		-	0.000	1.809	-
IMLCI - Prime Integration	C/TBD	TBD : WPAFB, OH	0.000	-		5.935	Aug 2019	7.830	Apr 2020	-		7.830	0.000	13.765	-
IMLCI - Hosting	MIPR	TBD : WPAFB, OH	0.000	-		0.521	Aug 2019	1.778	Aug 2020	-		1.778	0.000	2.299	-
IMLCI - Data Pilot	MIPR	AFRL : Rome, NY	0.000	0.852	Apr 2018	-		-		-		-	0.000	0.852	-
IMDS CDB MSAT SUP - Data Pilot	MIPR	AFRL : Rome, NY	0.000	0.864	Apr 2018	-		-		-		-	0.000	0.864	-
IMDS CDB - Prime Contract	MIPR	CDO : Redstone Arsenal, AL	0.000	-		0.500	Apr 2019	0.500	Apr 2020	-		0.500	0.000	1.000	-
REMIS SUP - Data Pilot	MIPR	AFRL : Rome, NY	0.000	0.864	Apr 2018	-		-		-		-	0.000	0.864	-
PLM - Software Configuration 2	MIPR	AFRL : Rome, NY	0.000	2.306	Aug 2018	-		-		-		-	0.000	2.306	-
PLM - Data Pilot	MIPR	AFRL : Rome, NY	0.000	0.864	Apr 2018	-		-		-		-	0.000	0.864	-
		Subtotal	0.000	14.942		8.081		10.626		-		10.626	0.000	33.649	N/A

Support (\$ in Millions	s)			FY 2	2018	FY 2	2019	FY 2 Ba		FY 2	2020 CO	FY 2020 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
ILS-S Enhancements - SME Support	C/FFP	TBD : MAFB-Gunter, AL	0.000	-		0.300	Sep 2019	0.300	Sep 2019	-		0.300	0.000	0.600	-
ETIMS Enhancements - ISP Support	C/FFP	TBD : WPAFB, OH	0.000	-		-		0.025	Aug 2020	-		0.025	0.000	0.025	-

PE 0708610F: Logistics Information Technology (LOGIT)

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Air Force

Appropriation/Budget Activity

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R-1 Program Element (Number/Name)

PE 0708610F / Logistics Information

Technology (LOGIT)

Date: February 2019

Project (Number/Name)

675207 Logistics IT System Modernization

Support (\$ in Millions	s)			FY 2	2018	FY :	2019		2020 ise	FY 2	2020 CO	FY 2020 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
ETIMS Enhancements - SME Support	C/FFP	TBD : WPAFB, OH	0.000	-		-		0.037	Aug 2020	-		0.037	0.000	0.037	-
ETIMS SUP - SME Support	C/FFP	NETCENTS-2 : WPAFB, OH	0.000	0.442	Nov 2017	0.300	Mar 2019	-		-		-	0.000	0.742	-
ETIMS SUP - ISP Support	MIPR	ISP : MAFB-Gunter, AL	0.000	0.075	Jan 2018	-		-		-		-	0.000	0.075	-
IMDS CDB MSAT SUP - Hosting Environment Support	MIPR	DISA : MAFB- Gunter, AL	0.000	0.124	Oct 2017	0.045	Oct 2018	-		-		-	0.000	0.169	-
REMIS SUP - NGIS ODCs/Licenses	SS/CPFF	NGIS : WPAFB, OH	0.000	1.570	Jul 2018	-		-		-		-	0.000	1.570	-
REMIS SUP - SME Support	C/FFP	NETCENTS-2 : WPAFB, OH	0.000	0.884	Aug 2018	0.425	Jan 2019	-		-		-	0.000	1.309	-
REMIS SUP - DISA CDSP Support	MIPR	DISA : MAFB- Gunter, AL	0.000	-		0.075	Jan 2019	-		-		-	0.000	0.075	-
REMIS SUP - ISP Support	C/CPFF	Copper River : MAFB-Gunter, AL	0.000	0.325	Jul 2018	0.075	Jan 2019	-		-		-	0.000	0.400	-
SCS FIAR - ISP Support	C/FFP	Copper River : WPAFB, OH	0.000	0.053	Mar 2018	-		-		-		-	0.000	0.053	-
SCS FIAR - SME Support	C/FFP	NETCENTS-2 : WPAFB, OH	0.000	0.368	Jun 2018	-		-		-		-	0.000	0.368	-
SCS FIAR - Datacom Support	C/CPAF	NETCENTS-2 : WPAFB, OH	0.000	0.022	Mar 2018	-		-		-		-	0.000	0.022	-
IMLCI - SME Support	C/FFP	TACG: WPAFB, OH	0.000	0.286	Jun 2018	0.066	Jun 2019	0.273	Jun 2020	-		0.273	0.000	0.625	-
IMLCI - ISP Support	C/FFP	Bowhead : WPAFB, OH	0.000	0.381	Sep 2018	0.015	Sep 2019	0.191	Sep 2020	-		0.191	0.000	0.587	-
PLM - A&AS	C/FFP	Excellus/CACI : WPAFB, OH	0.000	1.100	Oct 2017	-		-		-		-	0.000	1.100	-
		Subtotal	0.000	5.630		1.301		0.826		-		0.826	0.000	7.757	N/A

PE 0708610F: Logistics Information Technology (LOGIT)

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Air Force

R-1 Program Element (Number/Name)

Date: February 2019

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Project (Number/Name)

Technology (LOGIT)

675207 Logistics IT System Modernization

Test and Evaluation	(\$ in Milli	ons)		FY 2	2018	FY 2	2019	FY 2 Ba	2020 ase	FY 2	2020 CO	FY 2020 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	Total Cost	Target Value of Contract
ETIMS Enhancements - CIE	C/FFP	TBD : WPAFB, OH	0.000	-		-		0.020	Aug 2020	-		0.020	0.000	0.020	-
IMDS CDB MSAT SUP - Test Support	MIPR	GSA : MAFB-Gunter, AL	0.000	0.100	Oct 2017	0.040	Oct 2018	-		-		-	0.000	0.140	-
REMIS SUP - Testing Support	C/Various	GSA : WPAFB, AL	0.000	0.057	Apr 2018	0.025	Jan 2019	-		-		-	0.000	0.082	-
IMLCI - LDTO	C/FFP	LDTO : WPAFB, AL	0.000	0.144	Aug 2019	0.012	Aug 2020	0.153	Aug 2021	-		0.153	0.000	0.309	-
		Subtotal	0.000	0.301		0.077		0.173		-		0.173	0.000	0.551	N/A

Management Service	es (\$ in M	illions)		FY 2	2018	FY 2	2019		2020 ise		2020 CO	FY 2020 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
ILS-S Enhancements - PASS	C/CPFF	BTAS : WPAFB, OH	0.000	-		0.300	Sep 2019	0.300	Sep 2020	-		0.300	0.000	0.600	-
ETIMS SUP - PMO Travel	Various	PMO : WPAFB, OH	0.000	0.050	Aug 2018	-		-		-		-	0.000	0.050	-
IMDS CDB MSAT SUP - Agile Coach	C/Various	BTAS/Oasis : MAFB- Gunter, AL	0.000	0.241	Oct 2017	0.055	Oct 2018	-		-		-	0.000	0.296	-
IMDS CDB MSAT SUP - Cost Support	C/FFP	BTAS : MAFB- Gunter, AL	0.000	-		0.025	Oct 2018	-		-		-	0.000	0.025	-
REMIS SUP - A&AS	C/Various	BTAS : WPAFB, OH	0.000	0.078	Feb 2018	0.025	Feb 2019	-		-		-	0.000	0.103	-
REMIS SUP - Architecture & IA support	C/FFP	Copper River : WPAFB, OH	0.000	0.506	May 2018	0.450	Jan 2019	-		-		-	0.000	0.956	-
REMIS SUP - ETASS	C/CPFF	OASIS : WPAFB, OH	0.000	0.080	Apr 2018	0.025	Feb 2019	-		-		-	0.000	0.105	-
REMIS Enhance - PASS	C/CPFF	BTAS : WPAFB, OH	0.000	-		0.600	Sep 2019	0.600	Sep 2020	-		0.600	0.000	1.200	-
SCS FIAR - ETASS	C/CPFF	OASIS : WPAFB, OH	0.000	0.070	Apr 2018	-		-		-		-	0.000	0.070	-
SCS FIAR - PASS	C/CPFF	BTAS : WPAFB, OH	0.000	0.040	Feb 2018	-		-		-		-	0.000	0.040	-
SCS FIAR - Wealth Managment	C/FFP	Wealth Management : WPAFB, OH	0.000	0.060	Sep 2018	-		-		-		-	0.000	0.060	-
IMLCI - ETASS	C/CPFF	OASIS : WPAFB, OH	0.000	0.696	Mar 2018	0.369	Mar 2019	0.460		-		0.460	0.000	1.525	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Air Force

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

Project (Number/Name)

Appropriation/Budget Activity

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R-1 Program Element (Number/Name)
PE 0708610F / Logistics Information

Technology (LOGIT)

675207 Logistics IT System Modernization

Management Servic	es (\$ in M	illions)		FY 2	2018	FY 2	2019		2020 ise	FY 2		FY 2020 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	Total Cost	Target Value of Contract
IMLCI - PASS	C/CPFF	BTAS : WPAFB, OH	0.000	0.453	Mar 2018	0.436	Mar 2019	0.699	Mar 2020	-		0.699	0.000	1.588	-
IMLCI - Cost Support	C/FFP	Tekoloti : WPAFB, OH	0.000	0.165	Aug 2018	0.065	May 2019	0.210	May 2020	-		0.210	0.000	0.440	-
IMLCI - PMO Travel	Various	PMO : WPAFB, OH	0.000	0.020	Oct 2017	0.020	Oct 2018	0.021	Oct 2019	-		0.021	0.000	0.061	-
SCI - ETASS	C/CPFF	OASIS: WPAFB, OH	0.000	-		-		0.250	Mar 2020	-		0.250	0.000	0.250	-
SCI - PASS	C/CPFF	BTAS : WPAFB, OH	0.000	-		-		0.250	Mar 2020	-		0.250	0.000	0.250	-
Emerging FIAR - PASS	C/CPFF	BTAS : WPAFB, OH	0.000	-		0.450	Jan 2019	0.450	Jan 2020	-		0.450	0.000	0.900	-
Strike Teams - PASS	C/CPFF	BTAS : WPAFB, OH	0.000	-		1.200	Oct 2019	1.200	Oct 2020	-		1.200	0.000	2.400	-
		Subtotal	0.000	2.459		4.020		4.440		-		4.440	0.000	10.919	N/A

	Prior Years	FY 2	2018	FY 2	2019	FY 2 Ba	FY 2	2020 CO	FY 2020 Total	Cost To	Total Cost	Target Value of Contract
Project Cost Totals	0.000	23.332		13.479		16.065	-		16.065	0.000	52.876	N/A

Remarks

PE 0708610F: Logistics Information Technology (LOGIT)

Air Force

khibit R-4, RDT&E Schedule Profile: PB 2020 A	ir Fo	rce																			Date	: Fe	brua	ry 2	019	
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	1	FY 2	2018	1	1	_	2019	4	1	FY 2	020	4		Y 20:	21	1		2022	_	1	FY 2	023 3	4	1	Y 20	)24 3
ILS-S Enhancements			3	4	ı		3	4	1		3   2	•	1   4	2   \	9   4	'	4	2   3	4			3	4	1		3   '
ILS-S Enhancements - Pre-Acquisition ATP Activities																										
ILS-S Enhancements - Development/Testing																										
ILS-S Enhancements - Full Deployment ATP (Oct 22)																										
ETIMS Enhancements																										
ETIMS Enhancements - Pre-Acquisition ATP Activities																										
ETIMS Enhancements - Development/Testing																										
ETIMS Enhancements - Full Deployment ATP (Oct 22)																										
ETIMS SUP																										
ETIMS SUP - Development/Testing																										
ETIMS SUP - Limited Deployment ATP (Feb 19)																										
ETIMS SUP - Full Deployment ATP (Nov 19)																										
IMDS CDB SUP																										
IMDS CDB SUP - Pre-Acquisition ATP Activities																										
IMDS CDB SUP - Development/Testing																										
IMDS CDB SUP - Full Deployment ATP (Sep 20)																										
IMDS CDB MSAT SUP																										
IMDS CDB MSAT SUP - Development/ Testing																										

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khibit R-4, RDT&E Schedule Profile: PB 2020 A	ir Fo	orce	)																			Date	e: F	ebrua	ary 2	2019	9	
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		FY	201	8		F١	Y 201	19		FY	2020	)		FY 2	2021		F	FY 2	2022	2		FY 2		3		FY :		1
	1	2	3	4	1	2	2 3	3 4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
IMDS CDB MSAT SUP - Full Deployment ATP (Apr 19)																												
REMIS SUP																												
REMIS SUP - Development/Testing																												
REMIS SUP - Full Deployment ATP (Apr 19)																												
REMIS Enhancements																												
REMIS Enhancements - Pre-Acquisition ATP Activities																												
REMIS Enhancements - Development/ Testing																												
REMIS Enhancements - Full Deployment ATP (Oct 22)																												
SCS FIAR																												
SCS FIAR - (7) Development/Testing																												
SCS FIAR - (7) Deployment ATP (Nov 17)																												
SCS FIAR - (8) Development/Testing																												
SCS FIAR - (8) Deployment ATP (Apr 18)																												
SCS FIAR - (9) Development/Testing																												
SCS FIAR - (9) Deployment ATP (Sep 18)																												
SCS FIAR - (10) Development/Testing																												
SCS FIAR - (10) Deployment ATP (Aug 19)																												
IMLCI																												
IMLCI - Pre-Acquisition ATP Activities																												
IMLCI - Functional Requirements ATP (Oct 18)							_		_			_			_							_						
IMLCI - Acquisition ATP (Apr 19)																												
IMLCI - Development																												

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hibit R-4, RDT&E Schedule Profile: PB 2020	Air Ford	ce												_				ate: F			201	)	
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	F	Y 2018		FY 20	019		FY 202	0		FY 2	2021		FY	20	22		F	Y 202	3		FY	2024	
	1	2 3	4 1	2	3 4	1	2 3	4	1	2	3 4	1	1 2	: ;	3 4	l 1	I :	2 3	4	1	2	3	4
IMLCI - Limited Deployment ATP																							
IMLCI - Full Deployment ATP																							
SCI																							
SCI - Pre-Acquisition ATP Activities																							
SCI - Acquisition ATP (Aug 20)																							
SCI - Development/Testing																							
Emerging FIAR																							
Emerging FIAR - Pre-acquisition ATP Activities																							
Emerging FIAR - Development/Testing																							
Emerging FIAR - Full Deployment ATP																							
Strike Teams																							
Strike Teams - Pre-acquisition ATP Activities																							
Strike Teams - Development/Testing																							
Strike Teams - Full Deployment ATP																							

PE 0708610F: Logistics Information Technology (LOGIT)
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Exhibit R-4A, RDT&E Schedule Details: PB 2020 Air Force			Date: February 2019
	,	- , (	umber/Name) ogistics IT System Modernization

# Schedule Details

	Sta	Start		End	
Events by Sub Project	Quarter	Year	Quarter	Year	
ILS-S Enhancements					
ILS-S Enhancements - Pre-Acquisition ATP Activities	1	2019	3	2019	
ILS-S Enhancements - Development/Testing	3	2019	1	2022	
ILS-S Enhancements - Full Deployment ATP (Oct 22)	1	2022	1	2022	
ETIMS Enhancements					
ETIMS Enhancements - Pre-Acquisition ATP Activities	1	2020	4	2020	
ETIMS Enhancements - Development/Testing	4	2020	1	2022	
ETIMS Enhancements - Full Deployment ATP (Oct 22)	1	2022	1	2022	
ETIMS SUP					
ETIMS SUP - Development/Testing	1	2018	1	2020	
ETIMS SUP - Limited Deployment ATP (Feb 19)	2	2019	2	2019	
ETIMS SUP - Full Deployment ATP (Nov 19)	1	2020	1	2020	
IMDS CDB SUP			,		
IMDS CDB SUP - Pre-Acquisition ATP Activities	1	2019	3	2019	
IMDS CDB SUP - Development/Testing	3	2019	4	2020	
IMDS CDB SUP - Full Deployment ATP (Sep 20)	4	2020	4	2020	
IMDS CDB MSAT SUP					
IMDS CDB MSAT SUP - Development/Testing	1	2018	3	2019	
IMDS CDB MSAT SUP - Full Deployment ATP (Apr 19)	3	2019	3	2019	
REMIS SUP					
REMIS SUP - Development/Testing	1	2018	3	2019	
REMIS SUP - Full Deployment ATP (Apr 19)	3	2019	3	2019	

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Events by Sub Project	Sta	Start		End	
	Quarter	Year	Quarter	Year	
REMIS Enhancements					
REMIS Enhancements - Pre-Acquisition ATP Activities	4	2019	4	2020	
REMIS Enhancements - Development/Testing	4	2020	4	2021	
REMIS Enhancements - Full Deployment ATP (Oct 22)	1	2022	1	2022	
SCS FIAR					
SCS FIAR - (7) Development/Testing	1	2018	1	2018	
SCS FIAR - (7) Deployment ATP (Nov 17)	1	2018	1	2018	
SCS FIAR - (8) Development/Testing	1	2018	3	2018	
SCS FIAR - (8) Deployment ATP (Apr 18)	3	2018	3	2018	
SCS FIAR - (9) Development/Testing	1	2018	4	2018	
SCS FIAR - (9) Deployment ATP (Sep 18)	4	2018	4	2018	
SCS FIAR - (10) Development/Testing	1	2018	4	2019	
SCS FIAR - (10) Deployment ATP (Aug 19)	4	2019	4	2019	
IMLCI					
IMLCI - Pre-Acquisition ATP Activities	1	2018	4	2018	
IMLCI - Functional Requirements ATP (Oct 18)	1	2019	1	2019	
IMLCI - Acquisition ATP (Apr 19)	3	2019	3	2019	
IMLCI - Development	3	2019	4	2021	
IMLCI - Limited Deployment ATP	4	2020	4	2020	
IMLCI - Full Deployment ATP	4	2021	4	2021	
SCI					
SCI - Pre-Acquisition ATP Activities	1	2020	4	2020	
SCI - Acquisition ATP (Aug 20)	4	2020	4	2020	
SCI - Development/Testing	4	2020	4	2024	
Emerging FIAR					

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Exhibit R-4A, RDT&E Schedule Details: PB 2020 Air Force			Date: February 2019
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	St	Start		nd
Events by Sub Project	Quarter	Year	Quarter	Year
Emerging FIAR - Pre-acquisition ATP Activities	3	2019	3	2020
Emerging FIAR - Development/Testing	3	2020	4	2020
Emerging FIAR - Full Deployment ATP	4	2020	4	2020
Strike Teams				
Strike Teams - Pre-acquisition ATP Activities	3	2019	3	2020
Strike Teams - Development/Testing	3	2020	4	2020
Strike Teams - Full Deployment ATP	4	2020	4	2020

### Note

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<sup>-</sup> REMIS Enhancements, ILS-S Enhancements, Logistics Strike Teams, and Emerging FIAR Requirements will be continuing to conduct pre-acquisition ATP activities. These activities include items such as risk reduction efforts, problem statements, and Clinger-Cohen Act documentation.