

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Air Force **Date:** March 2024

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 0208007F / <i>Tactical Deception</i>
--	---

COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	-	32.343	26.533	0.539	0.000	0.539	0.553	0.563	0.584	0.595	Continuing	Continuing
674550: <i>Air Base Resiliency</i>	-	32.343	26.533	0.539	0.000	0.539	0.553	0.563	0.584	0.595	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Tactical Deception is a Service program to provide a suite of technologies that will enable the USAF to minimize, distort, or create signatures. This includes technologies to confuse or mislead all major categories of adversary sensors. These capabilities can reduce confidence in adversary assessments, exhaust intelligence enterprises, and disrupt targeting cycles. In addition, these technologies and tactics techniques and procedures (TTPs) can be employed across the competition continuum for deterrence or advantage in conflict. Tac-D, CISR also supports all activities and costs needed to support the Air Force to further these types of development projects, as well as, required program support costs (PSC).

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 FY23 0M was expended for civilian pay expenses in this program element, and in FY24 0M is forecasted for civilian pay expenses in this program element.

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)	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025 Base</u>	<u>FY 2025 OCO</u>	<u>FY 2025 Total</u>
Previous President's Budget	34.574	26.533	0.538	0.000	0.538
Current President's Budget	32.343	26.533	0.539	0.000	0.539
Total Adjustments	-2.231	0.000	0.001	0.000	0.001
• 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	-0.965	0.000			
• SBIR/STTR Transfer	-1.266	0.000			
• Other Adjustments	0.000	0.000	0.001	0.000	0.001

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Air Force **Date:** March 2024

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 0208007F / <i>Tactical Deception</i>
--	---

Congressional Add Details (\$ in Millions, and Includes General Reductions)	FY 2023	FY 2024
Project: 674550: <i>Air Base Resiliency</i> Congressional Add: <i>Radar Modeling</i>	17.500	0.000
Congressional Add Subtotals for Project: 674550	17.500	0.000
Congressional Add Totals for all Projects	17.500	0.000

Change Summary Explanation

FY23 reduced by -\$2.231M due to Reprogramming and Small Business Innovation Research (SBIR).

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Title: Non-Kinetic Air Base Defense Description: Provide non-kinetic air base defense capabilities to include military and civilian personnel to support planning, concept development, experimentation, and operational employment of emerging air base defense capabilities. Develops capabilities and TTPs to denied adversaries ability to develop accurate intelligence assessments and conduct effective intelligence, surveillance, reconnaissance, and Targeting. FY 2024 Plans: Continue non-kinetic Air Base Defense development, testing, and operational support. Complete initial phase 1 prototypes and begin phase 2 prototyping. Transition toward Program of Record. FY 2025 Plans: Ramp down non-kinetic Air Base Defense development, testing, and operational support due to higher AF priorities. Finalize development and delivery of phase 1 and 2 prototypes for field user evaluation. Begin technology maturation for part of phase 3 prototypes. FY 2024 to FY 2025 Increase/Decrease Statement: Funding decreased due to higher AF priorities.	14.843	26.533	0.539
Accomplishments/Planned Programs Subtotals	14.843	26.533	0.539

	FY 2023	FY 2024
Congressional Add: Radar Modeling FY 2023 Accomplishments: Signature Management Congressional Add used for Technical Maturation Risk Reduction Contract to develop tactical deception assets.	17.500	0.000

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Air Force	Date: March 2024
--	-------------------------

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 0208007F / <i>Tactical Deception</i>
--	---

	FY 2023	FY 2024
Radar Modeling Congressional Add used to develop models of Technical Deception Assets. <i>FY 2024 Plans:</i> N/A		
Congressional Adds Subtotals	17.500	0.000

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

N/A

Remarks

Due to the level of classification of tactical deception efforts, additional details will be provided upon request through the appropriate forum.

E. Acquisition Strategy

FY24 plan is to develop contracts that will build out the family of systems to begin delivering kits to end users for initial testing and reporting. These deliveries to units will be tracked and reported to allow for continued end user notification to the acquisition office allowing for any required updating to individual technologies. PE 0208007F will use AFLCMC/XA IDIQ for one off prototyping and new contracts that will come with phase 3 technologies.

In FY25 Tactical Deception will continue working PEO designation and prepare to transition technologies to the PEO. Begin transition of mature/validated technologies to procurement and fielding.

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force **Date:** March 2024

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208007F / <i>Tactical Deception</i>	Project (Number/Name) 674550 / <i>Air Base Resiliency</i>
--	---	---

Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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			
Product Development Acoustics	C/CPAF	Various : Houghton, MI	-	2.718	Dec 2022	3.524	May 2024	-		-		-	Continuing	Continuing	-
TMRR Contract (XA)	C/CPFF	Various : Huntsville, AL	-	9.142	Jul 2023	4.945	Jan 2024	0.314	Jan 2025	-		0.314	Continuing	Continuing	-
Radar Modeling (XA)	SS/CPFF	Various : Los Angeles, CA	-	7.225	Jul 2023	-		-		-		-	Continuing	Continuing	-
Prototype SHO	C/TBD	Various : TBD	-	1.916	Apr 2023	3.000	Jun 2024	-		-		-	Continuing	Continuing	-
X-Hanger	MIPR	Various : Los Angeles, CA	-	0.253	Feb 2024	-		-		-		-	Continuing	Continuing	-
Product Development Mai Tai	Reqn	Various : Atlanta, GA	-	1.191	Jul 2023	5.000	Jun 2024	-		-		-	Continuing	Continuing	-
SR Prototype	MIPR	Various : Calumet, MI	-	2.100	Feb 2024	-		-		-		-	Continuing	Continuing	-
Rum Runner	TBD	Various : TBD	-	-		1.000	Aug 2024	-		-		-	Continuing	Continuing	-
CREED	TBD	Various : TBD	-	-		0.500	May 2024	-		-		-	Continuing	Continuing	-
Lemon Drop	Various	Not specified. : TBD	-	-		3.000	Jun 2024	-		-		-	Continuing	Continuing	-
Cosmo	TBD	Not specified. : TBD	-	-		1.416	Apr 2024	-		-		-	Continuing	Continuing	-
Subtotal			-	24.545		22.385		0.314		-		0.314	Continuing	Continuing	N/A

Support (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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			
Site Improvement	MIPR	Chicken Little : Eglin AFB, FL	-	2.500	Jan 2023	-		-		-		-	0.000	2.500	-
JCTD	MIPR	Army ERDC : Vicksburg, MS	-	0.000	Jan 2023	0.000	Jan 2024	0.000	Jan 2025	-		0.000	Continuing	Continuing	-
CAIAC Study	MIPR	Various : Fort Belvoir, VA	-	0.783	Dec 2022	-		-		-		-	0.000	0.783	-
SIBR Tax	TBD	Tax : TBD	-	-		-		-		-		-	Continuing	Continuing	-
Subtotal			-	3.283		0.000		0.000		-		0.000	Continuing	Continuing	N/A

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force **Date:** March 2024

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208007F / <i>Tactical Deception</i>	Project (Number/Name) 674550 / <i>Air Base Resiliency</i>
--	---	---

Test and Evaluation (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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			
Test and Evaluation	MIPR	Chicken Little : Eglin AFB, FL	-	3.620	Dec 2022	2.100	Mar 2024	0.100	Jan 2025	-		0.100	Continuing	Continuing	-
Subtotal			-	3.620		2.100		0.100		-		0.100	Continuing	Continuing	N/A

Management Services (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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			
Administration and Advisory Services (A&AS)	MIPR	Various : Dayton/ WPAFB, OH	-	0.650	Aug 2023	1.100	Mar 2024	0.050	Jan 2025	-		0.050	Continuing	Continuing	-
X-Hanger (A&AS) Support	MIPR	Various : Washington D.C	-	0.174	Feb 2024	-		-		-		-	Continuing	Continuing	-
Program Management Administration (PMA)	Various	Various : WPAFB, OH	-	0.071	Dec 2023	0.948	Dec 2024	0.075	Jan 2026	-		0.075	Continuing	Continuing	-
Subtotal			-	0.895		2.048		0.125		-		0.125	Continuing	Continuing	N/A

Remarks

PMA: Other government costs (travel)

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	32.343	26.533	0.539	-	0.539	Continuing	Continuing	N/A

Remarks

Due to the level of classification of tactical deception efforts, additional details will be provided upon request through the appropriate forum.

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Air Force **Date:** March 2024

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208007F / <i>Tactical Deception</i>	Project (Number/Name) 674550 / <i>Air Base Resiliency</i>
--	---	---

	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
	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

<i>Non-Kinetic Air Base Defense Development</i>	
Non-Kinetic Defense Development	[REDACTED]

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208007F / <i>Tactical Deception</i>	Project (Number/Name) 674550 / <i>Air Base Resiliency</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Non-Kinetic Air Base Defense Development</i>				
Non-Kinetic Defense Development	2	2023	4	2029