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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2019 Air Force **Date:** February 2018

<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 2: Applied Research</i>					<b>R-1 Program Element (Number/Name)</b> PE 0602298F / <i>Science and Technology Management - Major Headquarters Activities</i>							
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019 Base</b>	<b>FY 2019 OCO</b>	<b>FY 2019 Total</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	-	0.000	8.353	8.288	0.000	8.288	8.302	8.454	8.615	8.796	Continuing	Continuing
622520: <i>Science and Technology Management - Major HQ</i>	-	0.000	8.353	8.288	0.000	8.288	8.302	8.454	8.615	8.796	Continuing	Continuing

## **A. Mission Description and Budget Item Justification**

The Air Force Research Laboratory (AFRL) is a global technical enterprise, boasting some of the best and brightest leaders in the world. It provides Revolutionary, Relevant, and Responsive science and technology (S&T) to the Warfighter. AFRL's mission is to lead the discovery, development, and integration of affordable warfighting technologies for the global air, space, and cyberspace force.

In FY 2018, PE 0602298F, Science and Technology Management - Major Headquarters Activities, Project 622520, Science and Technology Management - Major HQ, was established to provide increased transparency to Congress on personnel in Major Headquarters Activities (MHA). A portion of HQ AFRL civilian manpower was transferred into this PE from the following Air Force S&T RDT&E PEs: 0601102F, Basic Research; 0602102F, Materials; 0602201F, Aerospace Vehicle Technologies; 0602203F, Aerospace Propulsion; 0602204F, Aerospace Sensors; 0602601F, Space Technology; 0602602F, Conventional Munitions; 0602605F, Directed Energy Technology; and 0602788F, Dominant Information Sciences and Methods. This was an administrative realignment and not a new start. Prior year funding in this exhibit was previously budgeted in the Air Force S&T RDT&E PEs listed above.

This program element includes necessary civilian pay expenses required to manage, execute, and deliver science & technology capabilities. The use of program funds in this PE would be in addition to the civilian pay expenses budgeted in program elements 0601102F, 0602102F, 0602201F, 0602202F, 0602203F, 0602204F, 0602601F, 0602602F, 0602605F, 0602788F, and 1206601F.

This program is in Budget Activity 2, Applied Research because this budget activity includes studies, investigations, and non-system specific technology efforts directed toward general military needs with a view toward developing and evaluating the feasibility and practicality of proposed solutions and determining their parameters.

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Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
3600: Research, Development, Test & Evaluation, Air Force I BA 2: Applied Research		PE 0602298F I Science and Technology Management - Major Headquarters Activities			
B. Program Change Summary (\$ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget	0.000	8.353	8.314	0.000	8.314
Current President's Budget	0.000	8.353	8.288	0.000	8.288
Total Adjustments	0.000	0.000	-0.026	0.000	-0.026
• 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	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	-0.026	0.000	-0.026

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Air Force										Date: February 2018		
Appropriation/Budget Activity 3600 / 2					R-1 Program Element (Number/Name) PE 0602298F / Science and Technology Management - Major Headquarters Activities				Project (Number/Name) 622520 / Science and Technology Management - Major HQ			
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
622520: Science and Technology Management - Major HQ	-	0.000	8.353	8.288	0.000	8.288	8.302	8.454	8.615	8.796	Continuing	Continuing
A. Mission Description and Budget Item Justification												
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In FY 2018, PE 0602298F, Science and Technology Management - Major Headquarters Activities, project 622520, Science and Technology Management - Major HQ, was established to provide increased transparency to Congress on personnel in Major Headquarters Activities (MHA). A portion of HQ AFRL civilian manpower was transferred into this PE from the following Air Force S&T RDT&E PEs: 0601102F, Basic Research; 0602102F, Materials; 0602201F, Aerospace Vehicle Technologies; 0602203F, Aerospace Propulsion; 0602204F, Aerospace Sensors; 0602601F, Space Technology; 0602602F, Conventional Munitions; 0602605F, Directed Energy Technology; and 0602788F, Dominant Information Sciences and Methods. This was an administrative realignment and not a new start.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2017	FY 2018	FY 2019	
Title: AFRL - Major Headquarters Activities									0.000	8.353	8.288	
Description: Provide professional government civilian workforce in support of all AFRL programs and activities.												
FY 2018 Plans: Provide professional government civilian workforce in support of all AFRL programs and activities.												
FY 2019 Plans: Provide professional government civilian workforce in support of all AFRL programs and activities.												
FY 2018 to FY 2019 Increase/Decrease Statement: FY 2019 decreased compared to FY 2018 by 0.065 million due to Department of Defense (DoD) deflation factors.												
Accomplishments/Planned Programs Subtotals									0.000	8.353	8.288	
C. Other Program Funding Summary (\$ in Millions)												
N/A												
Remarks												

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D. Acquisition Strategy N/A		
E. Performance Metrics 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.		