Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force										DATE: February 2012	
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 2: *Applied Research*				R-1 ITEM NOMENCLATURE PE 0602201F: *Aerospace Vehicle Technologies*							
COST ($ in Millions)	**FY 2011**	**FY 2012**	**FY 2013 Base**	**FY 2013 OCO**	**FY 2013 Total**	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**Cost To Complete**	**Total Cost**
Total Program Element	140.261	147.628	120.719	-	120.719	128.975	129.818	132.858	137.912	Continuing	Continuing
622401: *Structures*	42.918	47.116	42.021	-	42.021	44.428	43.325	44.920	47.197	Continuing	Continuing
622403: *Flight Controls and Pilot-Vehicle Interface*	38.321	39.295	36.189	-	36.189	37.661	36.280	36.860	35.352	Continuing	Continuing
622404: *Aeromechanics and Integration*	59.022	61.217	42.509	-	42.509	46.886	50.213	51.078	55.363	Continuing	Continuing

A. Mission Description and Budget Item Justification

This program investigates, develops, and analyzes aerospace vehicle technologies in the three primary areas of structures, controls, and aeromechanics. Advanced structures concepts are explored and developed to exploit new materials, fabrication processes, and design techniques. Flight control technologies are developed and simulated for aerospace vehicles. Advanced aerodynamic vehicle configurations are developed and analyzed through simulations, experiments, and multi-disciplinary analyses. Resulting technologies improve performance of existing and future manned and remotely piloted air and space access vehicles. Improvements include, but are not limited to, reduced energy use by efficient air platform designs, use of lightweight composite structures and improved sustainment methods based on the condition of the platform and sub-systems. Efforts in this program have been coordinated through the Reliance 21 process to harmonize efforts and eliminate duplication. This program is in Budget Activity 2, Applied Research, since it develops and determines the technical feasibility and military utility of evolutionary and revolutionary aerospace vehicle technologies.

B. Program Change Summary ($ in Millions)	**FY 2011**	**FY 2012**	**FY 2013 Base**	**FY 2013 OCO**	**FY 2013 Total**
Previous President's Budget	144.699	147.628	143.845	-	143.845
Current President's Budget	140.261	147.628	120.719	-	120.719
Total Adjustments	-4.438	-	-23.126	-	-23.126
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-1.881	-			
• SBIR/STTR Transfer	-1.381	-			
• Other Adjustments	-1.176	-	-23.126	-	-23.126

Change Summary Explanation

FY11: Other Adjustments include -1.176 General Congressional Reductions

Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force	DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 2: *Applied Research*	**R-1 ITEM NOMENCLATURE** PE 0602201F: *Aerospace Vehicle Technologies*

Decrease in FY13 is due to higher Department of Defense priorities.

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 2: *Applied Research*	R-1 ITEM NOMENCLATURE PE 0602201F: *Aerospace Vehicle Technologies*	PROJECT 622401: *Structures*	

COST ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
622401: *Structures*	42.918	47.116	42.021	-	42.021	44.428	43.325	44.920	47.197	Continuing	Continuing

A. Mission Description and Budget Item Justification

This project develops advanced structures concepts to exploit new materials and fabrication processes and investigates new concepts and design techniques. New structural concepts include incorporating subsytem hardware items and adaptive mechanisms into the aerospace structures and/or skin of the platform.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Title: Major Thrust 1. ***Description:*** Develop an economic service life analysis capability comprised of analysis tools, methodologies, and structural health monitoring schemes. ***FY 2011 Accomplishments:*** Continued the development of health reasoners for determination of system health. Incorporated newly developed analysis tools. Continued the development of failure criteria tools for advanced high temperature aircraft components and concepts. Continued the development of residual stress processes to enhance service life. ***FY 2012 Plans:*** Continue the development of integrated sensors for determination of system health. Incorporate newly developed analysis tools. Continue the development of failure criteria tools for advanced high temperature aircraft components and concepts. Initate efforts for condition based maintenance of structural integrity. ***FY 2013 Base Plans:*** Continue development of engineered residual stress concepts, analysis, and applications. Continue the development concepts for risk informed decision making. Continue efforts for condition-based maintenance of structural integrity. Complete the development of integrated sensors for determination of system health. Continue ete the development of failure criteria tools for advanced aircraft components and concepts. Note: In FY 2013, efforts in this thrust are increased due to higher AF priorities. ***FY 2013 OCO Plans:*** N/A	17.514	19.763	24.502	-	24.502
Title: Major Thrust 2.	6.432	6.897	3.075	-	3.075

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 2: *Applied Research*	R-1 ITEM NOMENCLATURE PE 0602201F: *Aerospace Vehicle Technologies*	PROJECT 622401: *Structures*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Description: Develop methodologies to reduce the cost and time involved in actual full-scale testing of components and aircraft prior to obtaining airworthiness certification. ***FY 2011 Accomplishments:*** Continued development of analytical certification methodologies that incorporate advanced methods. Initiated increased fidelity of analytical methodologies. Continued the development of reliability-based certification. ***FY 2012 Plans:*** Continue development of methodologies that will allow for lower cost analytical certification of advanced designed structure. Initiate the development of advanced aircraft flutter analysis tools. ***FY 2013 Base Plans:*** Continue development of multi-disciplinary methodologies that will allow for lower cost analytical certification of advanced designed structure. Continue experimental validation of integrated system health management technologies for aircraft subsystems. Continue the development of advanced aircraft flutter analysis tools. Decrease in FY 2013 due to higher Department of Defense priorities. ***FY 2013 OCO Plans:*** N/A					
Title: Major Thrust 3. ***Description:*** Develop design methods to capitalize on new materials, multi-role considerations, and integration of various subsystem hardware items and adaptive mechanisms into the actual aircraft. ***FY 2011 Accomplishments:*** Continued the development of technologies to increase the survivability and performance of future systems. Developed and demonstrated system level thermal management concepts to meet the need of multi-function, multi-role, and adaptive aircraft. ***FY 2012 Plans:*** Continue the development of technologies to increase the survivability and performance of future systems. Develop and demonstrate system level thermal management concepts to meet the need of multi-function, multi-role, and adaptive aircraft. ***FY 2013 Base Plans:***	7.923	8.562	2.366	-	2.366

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 2: *Applied Research*	R-1 ITEM NOMENCLATURE PE 0602201F: *Aerospace Vehicle Technologies*	PROJECT 622401: *Structures*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Continue the development of low-cost technologies to increase the survivability and performance of future systems. Decrease in FY 2013 due to higher Department of Defense priorities. ***FY 2013 OCO Plans:*** N/A					
Title: Major Thrust 4. ***Description:*** Develop technologies that will permit the structural development of platforms that can operate at an extreme altitude, while at sustained speeds greater than Mach 2. ***FY 2011 Accomplishments:*** Further developed technologies for integrated air vehicle structures that can withstand extreme flight environments. Refined operationally responsive space access concepts and applied these technologies for lower cost, reduced weight expendable vehicle airframes. ***FY 2012 Plans:*** Further develop technologies that incorporate advanced materials and design concepts for the creation of an integrated air vehicle structure that can withstand extreme flight environments. Continue to develop structural concepts and analysis methods for design and evaluation of hot primary structure. Continue to refine operationally responsive space access concepts and apply these technologies for lower cost, reduced weight expendable vehicle airframes. ***FY 2013 Base Plans:*** Further develop technologies that incorporate advanced materials and design concepts for the creation of an integrated air vehicle structure that can withstand extreme flight environments. Continue to develop structural concepts and analysis methods for design and evaluation of hot primary structure. Complete the refinement of operationally responsive space access concepts and apply these technologies for lower cost, reduced weight expendable vehicle airframes. ***FY 2013 OCO Plans:*** N/A	11.049	11.894	12.078	-	12.078
Accomplishments/Planned Programs Subtotals	42.918	47.116	42.021	-	42.021

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 2: *Applied Research*	R-1 ITEM NOMENCLATURE PE 0602201F: *Aerospace Vehicle Technologies*	PROJECT 622401: *Structures*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• N/A: *N/A*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

D. Acquisition Strategy

Not Applicable.

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.

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 2: *Applied Research*	R-1 ITEM NOMENCLATURE PE 0602201F: *Aerospace Vehicle Technologies*	PROJECT 622403: *Flight Controls and Pilot-Vehicle Interface*	

COST ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
622403: *Flight Controls and Pilot-Vehicle Interface*	38.321	39.295	36.189	-	36.189	37.661	36.280	36.860	35.352	Continuing	Continuing

A. Mission Description and Budget Item Justification

This project develops technologies that enable maximum affordable capability from manned and unmanned aerospace vehicles. Advanced flight control technologies are developed for maximum vehicle performance throughout the flight envelope and simulated in virtual environments. Resulting technologies contribute significantly towards the development of reliable autonomous remotely piloted air vehicles, space access systems with aircraft-like operations, and extended-life legacy aircraft.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Title: Major Thrust 1. ***Description:*** Develop advanced flight control systems, components, and integrated vehicle monitoring systems for both manned and remotely piloted aircraft. ***FY 2011 Accomplishments:*** Furthered the development of advanced control mechanization technologies to provide highly reliable operations for aerospace systems under adverse environments. Initiated development of control architecture enhancements for complex and adaptive remotely piloted systems. ***FY 2012 Plans:*** Further the assessment of advanced control technologies. Refine development of control architecture enhancements for remotely piloted systems. ***FY 2013 Base Plans:*** Further the development, assessment, and certification capability of advanced flight control mechanization technologies for highly reliable operations under adverse environments. Continue development of control configurations for small unmanned air systems. Continue development of control systems hardening and health assessment technologies for enhanced survivability. Note: In FY 2013, efforts in this thrust are increased due to higher AF priorities. ***FY 2013 OCO Plans:*** N/A	8.916	9.642	16.304	-	16.304
Title: Major Thrust 2.	13.664	13.808	12.942	-	12.942

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 2: *Applied Research*	R-1 ITEM NOMENCLATURE PE 0602201F: *Aerospace Vehicle Technologies*	PROJECT 622403: *Flight Controls and Pilot-Vehicle Interface*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Description: Develop flight control systems that will permit safe interoperability between manned and remotely piloted aircraft. ***FY 2011 Accomplishments:*** Continued assessment of cooperative control techniques of heterogeneous systems for close-in surveillance. Continued technology development for the safe interoperability of multiple remotely piloted aircraft. ***FY 2012 Plans:*** Continue performance analysis of mixed-initiative control of multi-remotely piloted aircraft packages. Refine the development and assessment of adaptive guidance and control technologies for fault/damage tolerance and rapid flight planning of aerospace vehicle operations. ***FY 2013 Base Plans:*** Further the development and assessment of advanced control automation techniques and adaptive algorithms to enable the safe integration of unmanned aircraft into mission operations. Continue the development of cooperative control techniques for heterogeneous teams, as well as the integration of unmanned systems into controlled airspace and ground operations. ***FY 2013 OCO Plans:*** N/A					
Title: Major Thrust 3. ***Description:*** Develop tools and methods for capitalizing on simulation-based research and development of future aerospace vehicles. ***FY 2011 Accomplishments:*** Refined assessment of advanced aerospace vehicle concepts and technologies under realistic mission conditions. Refined simulation analyses and multi-directorate technology trade studies on strike, transport, access-to-space, and reconnaissance concepts. ***FY 2012 Plans:*** Continue to conduct simulation events to evaluate emerging flight control technologies and concepts. Refine technology trade studies of remotely piloted air vehicles in manned/remotely piloted airspace and airbase operations. ***FY 2013 Base Plans:***	15.741	15.845	6.943	-	6.943

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 2: *Applied Research*	R-1 ITEM NOMENCLATURE PE 0602201F: *Aerospace Vehicle Technologies*	PROJECT 622403: *Flight Controls and Pilot-Vehicle Interface*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Continue to conduct modeling and simulation efforts to evaluate emerging flight control technologies and concepts, as well as assess mission-level performance of integrated air systems. Continue technology analyses of unmanned air systems in manned/unmanned airspace and airbase operations. Refine trade studies of vehicle concepts for strike, mobility, and reconnaissance. Decrease in FY 2013 due to higher Department of Defense priorities. ***FY 2013 OCO Plans:*** N/A					
Accomplishments/Planned Programs Subtotals	38.321	39.295	36.189	-	36.189

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• N/A: *N/A*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

D. Acquisition Strategy

Not Applicable.

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.

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 2: *Applied Research*	R-1 ITEM NOMENCLATURE PE 0602201F: *Aerospace Vehicle Technologies*	PROJECT 622404: *Aeromechanics and Integration*	

COST ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
622404: *Aeromechanics and Integration*	59.022	61.217	42.509	-	42.509	46.886	50.213	51.078	55.363	Continuing	Continuing

A. Mission Description and Budget Item Justification

This project develops aerodynamic configurations of a broad range of revolutionary, affordable aerospace vehicles. It matures and applies modeling and numerical simulation methods for fast and affordable aerodynamics prediction and integrates and demonstrates multi-disciplinary advances in airframe, propulsion, weapon, and air vehicle control integration.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Title: Major Thrust 1.	1.819	3.517	10.550	-	10.550
Description: Develop aerodynamic prediction efforts centered on expanding the design capabilities of manned and remotely piloted aircraft. ***FY 2011 Accomplishments:*** Continued to perform mission assessments of aerospace platforms for current and future missions including tactical surveillance and weapon delivery. Continued development of technologies for improved weapon delivery and propulsion system performance. Continued development of innovative aerodynamic control methods for small remotely piloted aircraft. ***FY 2012 Plans:*** Continue to develop and assess aeronautical technologies that enable broad use of unmanned aircraft. Continue work to develop and demonstrate flow control to enable fluidic thrust vectoring, area control, and thermal management for a remotely piloted aircraft exhaust nozzle. Continue development of innovative aerodynamic control methods for small remotely piloted aircraft. ***FY 2013 Base Plans:*** Continue to develop and assess aeronautical technologies that enable broad use of unmanned aircraft. Continue work to develop and demonstrate flow control to enable unsteady load suppression, fluidic thrust vectoring, area control, and thermal management for a remotely piloted aircraft. Continue development of innovative aerodynamic control methods for remotely piloted aircraft. Note: In FY 2013, efforts in this thrust are increased due to higher AF priorities. ***FY 2013 OCO Plans:***					

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 2: *Applied Research*	R-1 ITEM NOMENCLATURE PE 0602201F: *Aerospace Vehicle Technologies*	PROJECT 622404: *Aeromechanics and Integration*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
N/A					
Title: Major Thurst 2. ***Description:*** Develop new and improved concepts, designs, and analysis of technologies to enable revolutionary capabilities for sustained high-speed re-useable high altitude vehicle efforts. ***FY 2011 Accomplishments:*** Continued development of analysis/design techniques and tools to enable shock/boundary layer interaction flow control and enhanced stability for high-speed propulsion concepts. Continued efforts for high performance high-speed mixed compression inlet concepts utilizing advanced flow control technologies for Mach 3+ expendable systems. Developed and tested inlet variable geometry concepts. ***FY 2012 Plans:*** Continue development of analysis/design techniques and tools to enable shock/boundary layer interaction flow control and enhanced stability for high-speed propulsion concepts. Continue efforts to characterize high-speed phenomena and develop and validate fundamental high-speed component technologies through experimental flight techniques in a relevant environment. ***FY 2013 Base Plans:*** Continue to develop technologies to enable high speed flight. Continue development of analysis/design techniques and tools to enable shock/boundary layer interaction flow control and enhanced stability for high speed propulsion concepts. Continue efforts to characterize high-speed phenomena and develop and validate fundamental high-speed component technologies through experimental flight techniques in a relevant environment. Decrease in FY 2013 due to higher Department of Defense priorities. ***FY 2013 OCO Plans:*** N/A	27.016	27.630	7.476	-	7.476
Title: Major Thrust 3. ***Description:*** Develop enabling technologies to allow integration of directed energy weapons into current and future air vehicle platforms. ***FY 2011 Accomplishments:***	2.533	2.534	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 2: *Applied Research*	R-1 ITEM NOMENCLATURE PE 0602201F: *Aerospace Vehicle Technologies*	PROJECT 622404: *Aeromechanics and Integration*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Continued development of combined flow control and adaptive optics systems to optimize directed energy system performance on large, low-speed aircraft. Initiated development of combined flow control and adaptive optics systems for transonic/supersonic aircraft. ***FY 2012 Plans:*** Continue work to apply advanced analysis tools to predict the performance of flow control and adaptive optics systems for problems of interest to the Air Force. Extend development of analysis tools for prediction of advanced flow control and adaptive optics to higher speed transonic/supersonic flows. ***FY 2013 Base Plans:*** Decrease in FY 2013 due to higher Department of Defense priorities. ***FY 2013 OCO Plans:*** N/A					
Title: Major Thrust 4. ***Description:*** Develop and assess technologies for the next generation of multi-role large aircraft. ***FY 2011 Accomplishments:*** Continued to develop technologies that enable multiple roles and missions for delivery and support aircraft. Conducted wind tunnel experiments to show the feasibility of mobility aircraft using 40% less energy through the use of natural and artificial laminar boundary layers, alternative fuels and very high bypass propulsion integration. ***FY 2012 Plans:*** Continue to develop technologies that enable multiple roles and missions for delivery and support aircraft. Conduct wind tunnel experiments to show the feasibility of mobility aircraft using 40% less energy through the use of natural and artificial laminar boundary layers, alternative fuels, and very high bypass propulsion integration. ***FY 2013 Base Plans:*** Continue to develop aerodynamic and propulsion integration technologies that enable multiple roles and missions for delivery and support aircraft. Conduct analyses and experiments to investigate flow control for suppression of unsteady flow and enhanced drag reduction, and to enhance platform performance with integrated propulsion. Decrease in FY 2013 due to higher Department of Defense priorities. ***FY 2013 OCO Plans:***	27.654	27.536	24.483	-	24.483

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 2: *Applied Research*	R-1 ITEM NOMENCLATURE PE 0602201F: *Aerospace Vehicle Technologies*	PROJECT 622404: *Aeromechanics and Integration*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
N/A					
Accomplishments/Planned Programs Subtotals	59.022	61.217	42.509	-	42.509

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• N/A: *N/A*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

D. Acquisition Strategy

Not Applicable.

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.