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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force										Date: March 2014		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305202F I Dragon U-2							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	-	21.670	13.700	5.511	-	5.511	-	-	-	-	Continuing	Continuing
674820: Sensor Development	-	21.670	13.700	5.511	-	5.511	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

Note

A. Mission Description and Budget Item Justification

The Central Intelligence Agency (CIA) established the Senior Year Program in 1955. The program has evolved to include the U-2 airframe, engines, sensors, cameras, recorders, data links, life support systems, test facilities and equipment. The U-2S model airframes were constructed in the late 1980s, with the last aircraft rolling off the assembly line in 1989. The U-2S provides global reconnaissance signals intelligence (SIGINT) and geospatial intelligence (GEOINT) 24 hours a day, seven days a week in support of national and DoD worldwide missions. The U-2 is currently deployed to forward operating locations (FOL) around the world. Modifications to the aircraft are required to ensure continued operations.

In 2012, the Air Force decided to retain the U-2 weapon system capability instead of retiring it. Prior to 2012, the U-2 weapon system fell under the "sunset clause" IAW Title 10 U.S.C 2244a, Equipment Scheduled For Retirement Or Disposal: Limitation On Expenditures For Modifications, stating that modifications to any aircraft (i.e., a given tail number), weapon, or other item of equipment that the SECAF plans to retire or otherwise dispose of within five years after the date on which the modification would be completed, are prohibited. Therefore, many required modifications to address diminishing manufacturing sources or vanishing vendor items were not accomplished.

The U-2 Program will continue to address reliability, maintainability, sustainability, and safety issues and support U-2 integration of other payload and capability development activities. Activities also include trade studies, analyses, preliminary systems engineering, system and subsystem level testing in accordance with DoD and military standards, and specification development in support of both current program planning and execution, and studies supporting analysis and investment in future U-2 program planning. In FY16, the AF may start divestiture.

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.

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B. Program Change Summary (\$ in Millions)		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget		23.644	18.700	11.300	-	11.300
Current President's Budget		21.670	13.700	5.511	-	5.511
Total Adjustments		-1.974	-5.000	-5.789	-	-5.789
• Congressional General Reductions		-0.032	-			
• Congressional Directed Reductions		-	-5.000			
• Congressional Rescissions		-	-			
• Congressional Adds		-	-			
• Congressional Directed Transfers		-	-			
• Reprogrammings		-	-			
• SBIR/STTR Transfer		-	-			
• Other Adjustments		-1.942	-	-5.789	-	-5.789
Change Summary Explanation						
FY13 reduction in Other Adjustments was due to Sequestration.						
FY14 due to Congressional directed reduction.						
FY15 reduction due to higher AF priorities.						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2013	FY 2014	FY 2015
Title: U-2 Aircraft Update Block 20.1				15.670	2.700	5.511
Description: Aircraft Modernization Development includes activities such as, but not limited to, trade studies, analysis, preliminary system engineering, system and subsytem testing, specification development, Avionics Processor (AVP) upgrades, mission planning Joint Mission Planning System (JMPS) migration, Inertial Navigation System (INS) / Global Positioning System (GPS) stellar tracker initiatives, GPS tech refreshes, and generator upgrades.						
FY 2013 Accomplishments: FY13 supported aircraft modernization activities such as, but not limited to, avionics upgrades, generator upgrades, mission planning JMPS migration, INS/GPS stellar tracker initiatives, and Loads/Enviro Spectra Survey (LESS).						
FY 2014 Plans: FY14 supports aircraft modernization activities such as, but not limited to, avionics and generator upgrades, mission planning JMPS migration and LESS.						
FY 2015 Plans:						

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C. Accomplishments/Planned Programs (\$ in Millions)										FY 2013	FY 2014	FY 2015
FY15 will support modernization activities such as, but not limited to, tactical datalinks, mission planning JMPS migration and potential fuel modifications and avionics upgrades.												
Title: U-2 Payload Update Block 20.1 Description: Payload development supports activities such as, but not limited to, Advanced Synthetic Aperture Radar System (ASARS) next generation updates, defensive systems and data links. FY 2013 Accomplishments: FY13 supported payload activities such as, but not limited to Advanced Synthetic Aperture Radar System (ASARS) next generation updates, defensive systems and data links. FY 2014 Plans: FY14 supports payload activities such as, but not limited to, ASARS next generation updates, defensive systems and data links. FY 2015 Plans: N/A										6.000	11.000	-
Accomplishments/Planned Programs Subtotals										21.670	13.700	5.511
D. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost	
• APAF: BA05: Line Item # 11U200: <i>U-2 Mods</i>	83.803	49.547	-	-	-	-	-	-	-	-	133.350	
• OPAF: BA02: Line Item # 821800: <i>Passenger Carrying Vehicles</i>	0.123	0.126	0.064	-	0.064	-	-	-	-	-	0.313	
• RDT&E: BA07: 0305206F: <i>Airborne Reconnaissance Systems</i>	21.670	13.700	5.511	-	5.511	-	-	-	-	-	40.881	
Remarks A portion of funds in Airborne Reconnaissance Systems will be used to support sensor refurbishment and development.												
E. Acquisition Strategy Modifications to existing platform and associated ground control equipment via Engineering Change Proposals (ECPs)/Task Orders on existing USAF contracts. There is associated procurement funding tied to this development activity.												

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<u>F. Performance Metrics</u> <p>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.</p>		

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Air Force

Date: March 2014

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0305202F / Dragon U-2

Project (Number/Name)

674820 / Sensor Development

Program	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19
Aircraft Block 20.1								
L/ESS								
Finish GPS Study								
Mission Planning JMPS Migration								
Avionics Upgrade								
Payload Block 20.1								
ASARS-2B/C (Phase 1 - thru CDR)								