

REQUIREMENT

BUDGET LEVEL DETAIL

Priority	Category	Title	Description	Appn (4-Digit)	Unfunded Amount (\$M)
1	Readiness	Readiness Recovery	If the Air Force does not receive supplemental and reprogramming support in FY19, we will have to take actions that drive unacceptable impacts to Air Force Readiness. This UPL item would recover the lost Readiness by adding necessary Weapon System Sustainment funding to 10 weapon systems, and includes funding for B-1 repairs and fatigue testing to address critical structural issues, as well as unanticipated B-52 and KC-135 corrosion inspections and repairs associated with an aging aircraft fleet	3400	\$ 579
2	Defendable Space	Accelerate GPS M-Code Receiver Development / Space Test Infrastructure	Provides resilient positioning, navigation, and timing capability by accelerating EGI-M (A/C M-Code Capability) and Weapons M-Code Receiver Development (MOP, IDAM, JASSM-ER, SDB-I, SDB-II). Space Test infrastructure refers to the development of a Space Combined Test Force and the development of technical capabilities, both terrestrial and space-based assets, in order to deploy an initial level of ability to test and evaluate the capability and resilience of DoD space systems in a contested environment. \$36M will fund a more robust buildup of foundational infrastructure elements including such things as test facilities, network infrastructure, electronic warfare test equipment, and physics-based modeling and simulation.	3600	\$ 149
3	Aircraft Procurement	KC-46A / F-35A	Procures 3 KC-46A aircraft; levels buy profile and increases production from 12-15 A/C and procures additional KC-46A spares for 15 a/c in accordance with accelerated aircraft procurement schedule (leverages \$55M of carry over). Procures 12 F-35As Flyaway costs (\$90.8M per), and procures spares for add'l 12 A/C in FY20. Procures F-35A Advanced Procurement Long Lead and Economic Order Quantity in support of an add'l 12 A/C in FY21.	3010	\$ 1,954
4	Advanced Technologies	Agile Capability Development and Prototyping	(Split between different PE/BPACs for efforts - Experimentation) Funds will be used to conduct prototyping and experimentation activities for Directed Energy Weapons, Navigation Technology Satellite - 3 (NTS-3) Prototyping, and Joint lethality in contested environments, resulting in accelerated capability to the warfighter. In addition this funding supports Air Force Human Systems Integration (HSI) Office and Integrated Modeling and Simulation & Analysis (MS&A) activities required to support AFWIC and execute CDC/VCSAF directives. NDS directs use of prototyping and experimentation as a rapid, iterative approach to capability development prior to defining requirements to reduce costs, tech obsolescence, and acquisition risk.	3600	\$ 61
5	Advanced Technologies	Critical AF S&T advanced technology development	Autonomy/Artificial Intelligence /Machine Learning/Unmanned systems -- Funds critical AF S&T advanced technology development and demonstrations in Hypersonics, nuclear command, control and communication (NC3), Autonomy (Artificial Intelligence (AI), Machine Learning (ML) and Unmanned systems) to modernize key capabilities and evolve innovative operational concepts.	3600	\$ 18
6	Advanced Technologies	Agility Prime	Funds high speed vertical lift demonstration, Agility Prime, to prove the employment of non-runway jet operations in a contested environment, which is crucial to the Air Force's ability to develop a lethal, agile, and resilient force posture and employment. Agility Prime provides flexible logistics in a contested environment by taking advantage of adaptive basing provided by vertical lift at accelerated speeds and autonomous operations.	3600	\$ 25

\$ 2,786