

## FY2021 BUDGET HIGHLIGHTS

# THE RACE TOWARDS THE 6TH GENERATION FIGHTER

The US and its global partners are being drawn into an operating environment which is contested, information-centric and multi-domain. This new environment will require a new stealth fighter, one that incorporates paradigm-changing technologies such as autonomous systems, AI and accelerated real-time analytics.

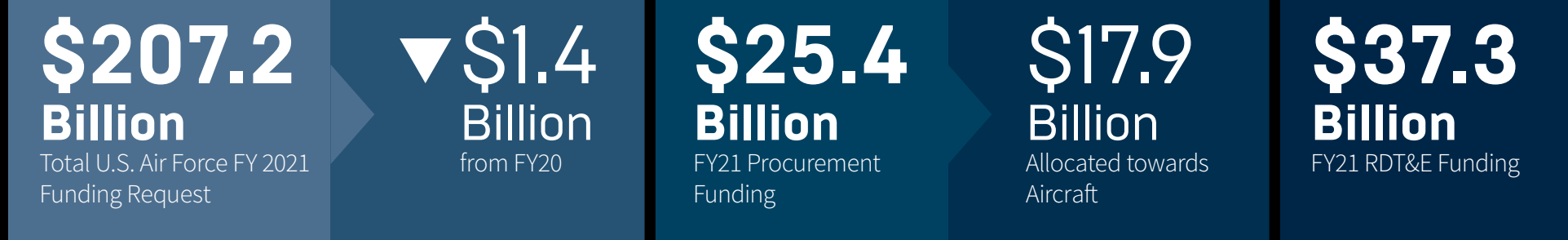
In order to accomplish this, the US Air Force is realigning their budget to reduce funding for outdated, legacy systems and reallocating those resources towards the development of advanced air capabilities such as the 5th and 6th generation fighters.

The FY21 budget reflects this future-focused approach in a number of ways. For starters, Next-Generation Air

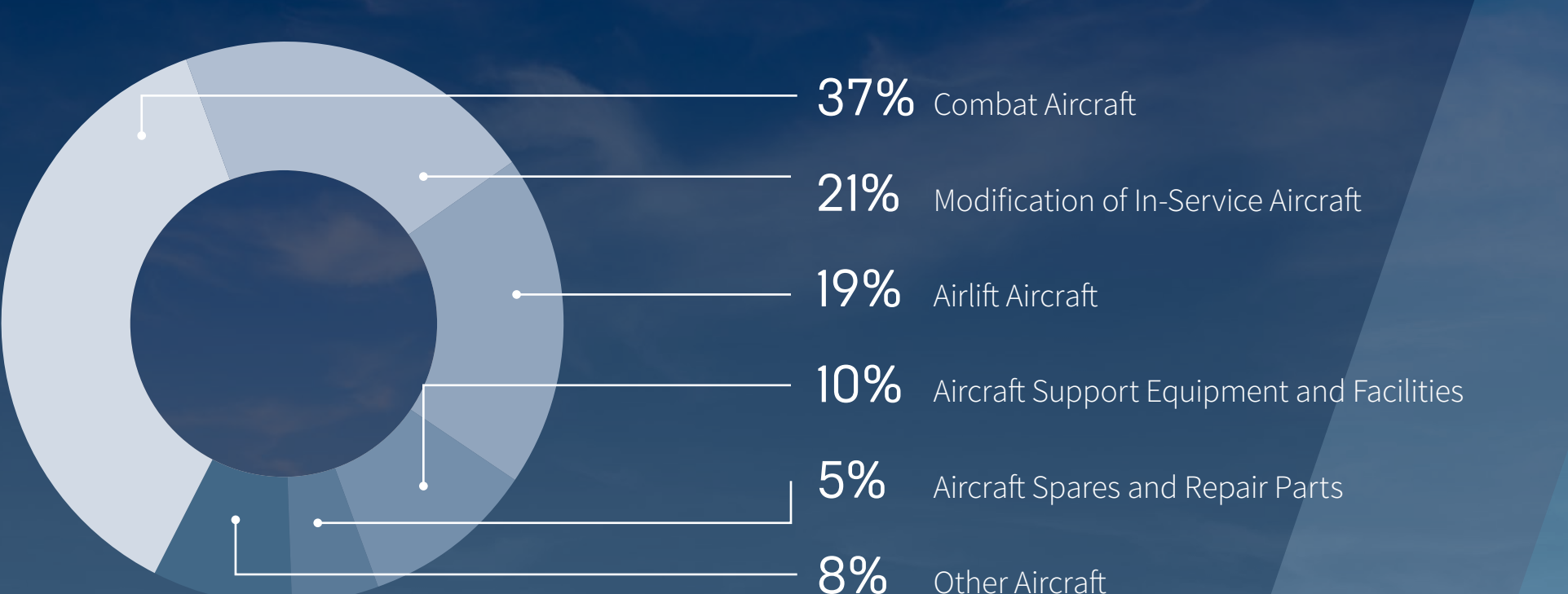
Dominance, the program tasked with developing new, 6th generation fighter capabilities to maintain air superiority, saw a boost in budget requested from \$905 million in FY20 to \$1.044 billion in FY21. Though 21% of the total USAF procurement budget (\$25.4 Billion) will go towards modification of in-service aircraft, the FY21 budget also suggests the service will retire over **100 legacy aircraft** to make way for new, multi-domain tech.

However, that's not all. Scroll down to find out where the USAF and its joint partners such as the U.S. Navy are investing to accelerate the development and deployment of advanced future air capabilities.

## THE U.S. AIR FORCE FY 2021 BUDGET-AT-GLANCE



## THE U.S. AIR FORCE FY 21 AIRCRAFT PROCUREMENT BREAKDOWN



## FY21 PROCUREMENT BUDGET HIGHLIGHTS BY FIGHTER AIRCRAFT

### THE F-35 JOINT STRIKE FIGHTER



The F-35 Joint Strike Fighter (JSF) is a 5th generation strike fighter for the Navy, Marine Corps, Air Force, and U.S. Allies. The F-35 consists of three variants: the F-35A Conventional Take-Off and Landing (CTOL), the F-35B Short Take-Off and Vertical Landing (STOVL), and the F-35C Carrier variant (CV).

It should also be noted that, **in light of the various troubles and controversies surrounding the F-35 Program**, on March 17, 2020, 130 House members urged the DoD to increase the number of F-35s requested in FY21 by 24%. As they stated in a **letter to the Senate and House Armed Services committees** they stated, "It is essential that we continue to increase production of our nation's only 5th generation stealth fighter in order to ensure the United States maintains air dominance and to further reduce overall program costs."

\*Image sourced from <https://www.f35.com/news/detail/18303>

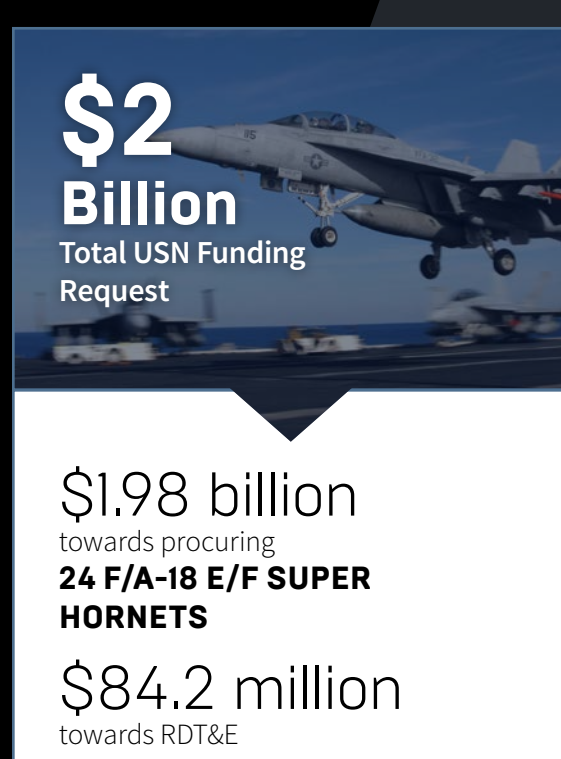
### F-15EX / F-15 EAGLE MOD



Supports the 5th generation fighter fleet to gain and maintain air superiority and provide global precision attack over the battlefield.

\*Image sourced from <https://www.boeing.com/defense/f-15ex/#/gallery>

### F/A-18 E/F SUPER HORNET



This will likely be the last year the Navy purchases this aircraft as future funding will be directed towards developing next generation capabilities.

\*Image sourced from <https://www.military.com/equipment/f-a-18e-f-super-hornet>

### F-22 RAPTOR FUNDING



Will fund critical planned modernization for F-22 aircraft via incremental capability upgrades and key reliability and maintainability improvements. Includes integration of AIM-120D and AIM-9X, additional electronic protection, improved geolocation and the development of advanced sensor upgrades.

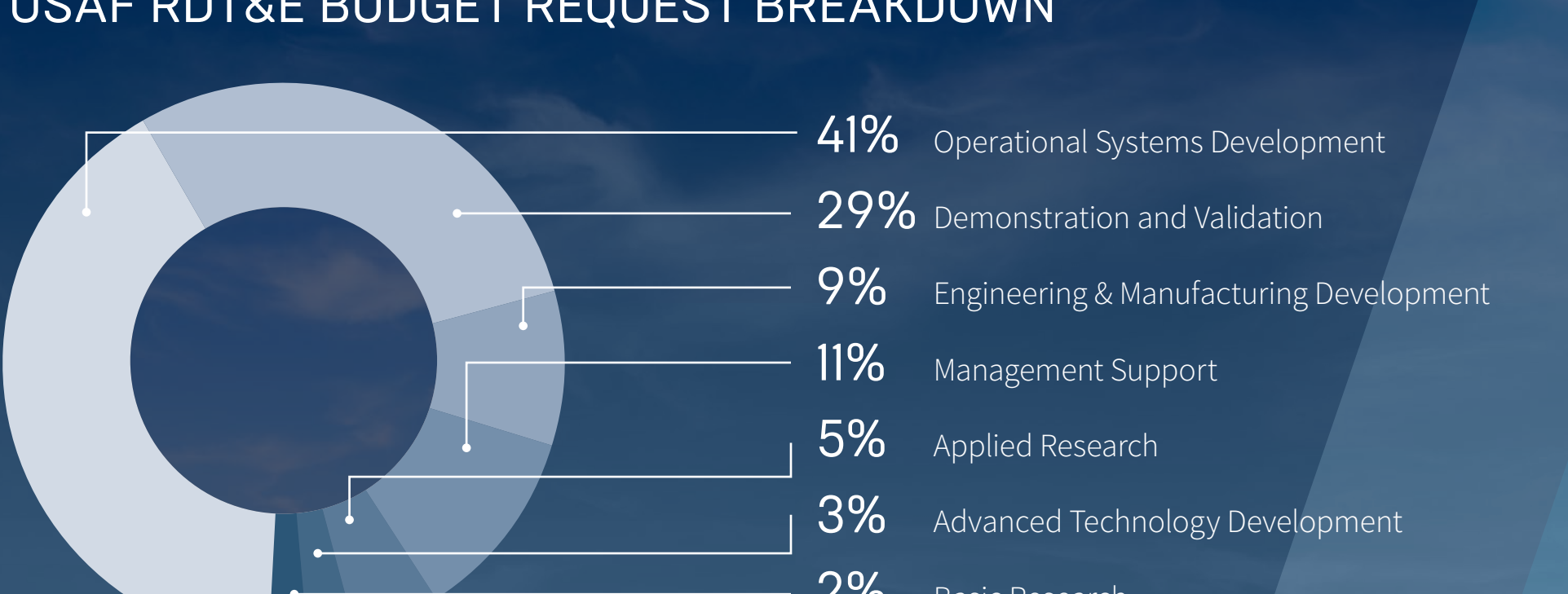
\*Image sourced from <https://www.lockheedmartin.com/en-us/products/f-22.html>

## USAF RDT&E BUDGET REQUEST HIGHLIGHTS

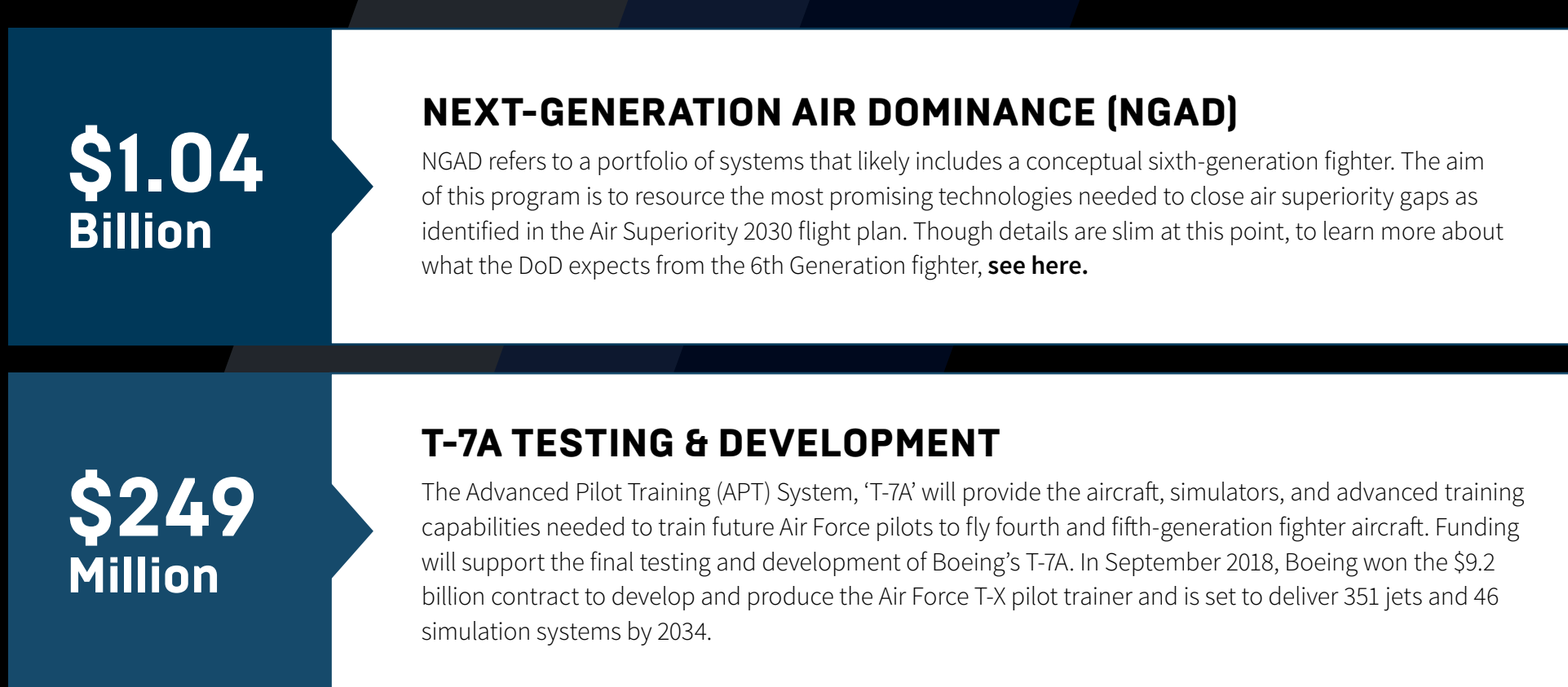
# BUILDING THE 6TH GENERATION FIGHTER



## USAF RDT&E BUDGET REQUEST BREAKDOWN



## KEY USAF PROGRAMS



## 2020 SPEAKER HIGHLIGHTS



**MAJOR GENERAL  
FREDERIC PARISOT**

Deputy Chief of Staff for Procurement  
**The French Air Force**



**REAR ADMIRAL  
RICHARD T. BROHY**

Commander  
**Naval Aviation Warfighting Development Center**



**BRIGADIER GENERAL  
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Israeli Air Force Attaché and the Deputy Defense Attaché to the United States  
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