



Develop America's Airmen Today ... for Tomorrow

Moving Forward: The Next Generation of Combat Aviators

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The First Command



Overview



Develop America's Airmen Today ... for Tomorrow

- AETC Philosophy
- Future Requirements
- Combat Systems Officer Training
- Remotely Piloted Aircraft Training
- Future of Pilot Training

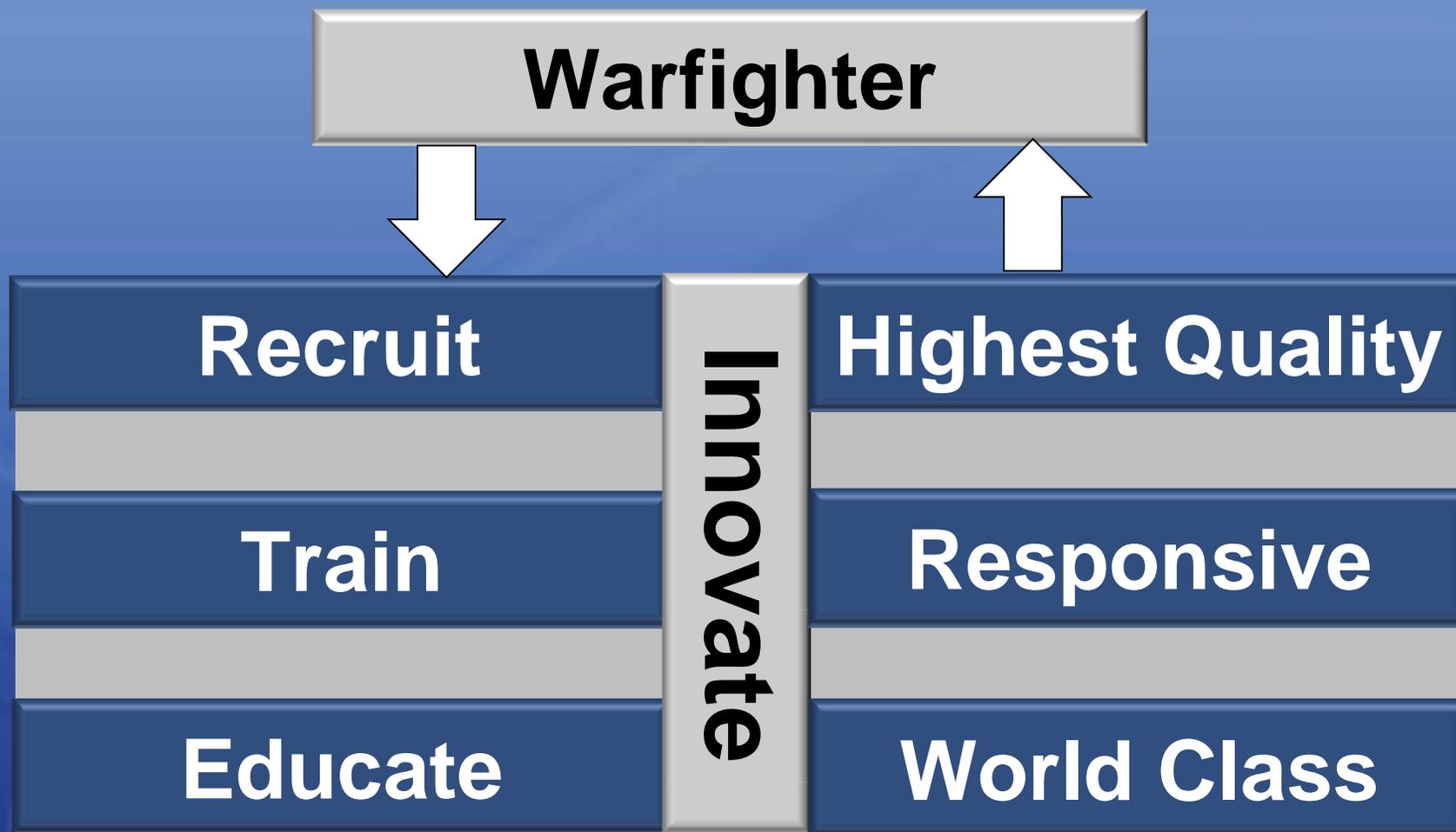


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Warfighter Requirements Drive Our Mission



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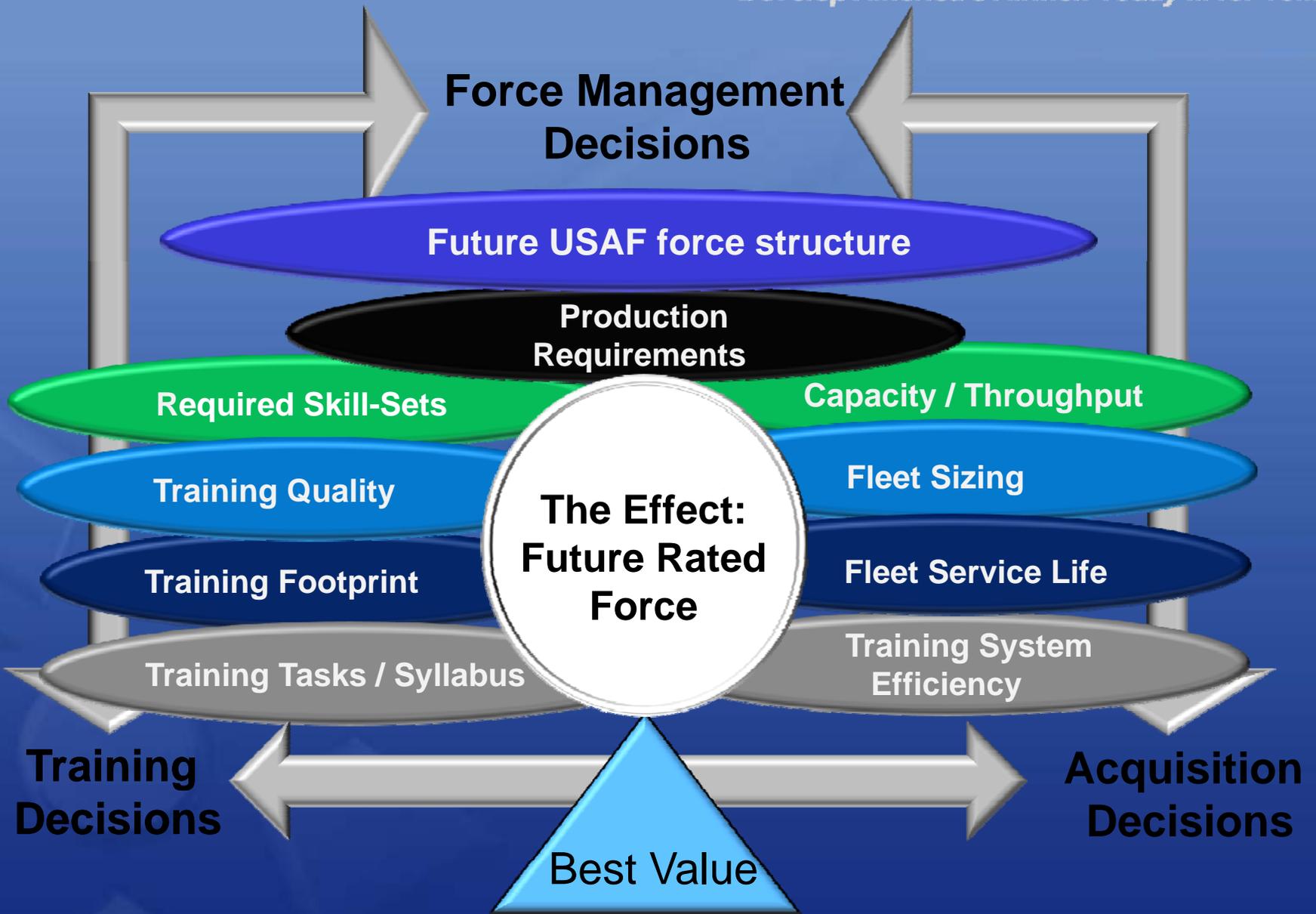


**The decisions made today must strike a balance
between present and future requirements**



Training System Balance

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New Combat System Officer (CSO) Pipeline



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- Consolidates NAV, EWO & WSO training into 1 pipeline
- Centralizes training at one location – NAS Pensacola, FL.
- Program uses a combination of the DA-20, T-25 Simulators, T-6A, and T-1M in the training program
- First class started 5 May 2010 and we expect to graduate 108 new CSOs by the end of FY11



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CSO Training Program



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This innovative program will provide every new CSO a common set of 21st century warfighter skills.

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Remotely Piloted Aircraft Training



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- CSAF chartered AETC to institutionalize the RPA pilot & sensor operator training courses March 2009
 - Went from concept to classroom in **Six Weeks**
- Graduates from this program are flying Predator and Reaper combat missions today and are ready for instructor upgrade!
- New RPA Desktop Simulator built to train tomorrow's force
- Planned production
 - FY11: 60 Pilots/ 353 Sensors
 - FY12: 146 Pilots/ 305 Sensors
 - FY13: 250 Pilots/ 305 Sensors



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Pilot Training of the Future



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- In the 1980s the Air Force developed the multiple track Specialized Undergraduate Pilot Training (SUPT) program
- Today, with a smaller fighter force, anywhere from 30 - 50% of our T-38 graduates are assigned to non-fighter aircraft
- Given the changing circumstances, we need to determine how training will evolve in the next 20 to 30 years



History tells us that a smaller, resource constrained AF needs a flexible, responsive training pipeline

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SUPT 2000: The Past



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Initial Flight Training

Primary



T-37/T-34



Airlift / Tanker
T-1A



ME Turboprop
TC-12 / T-44



Fighter / Bomber
T-38A



Rotary Wing UH-1



Formal Training Units

Airlift
Tanker

C-130

Fighter
Bomber

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Advanced



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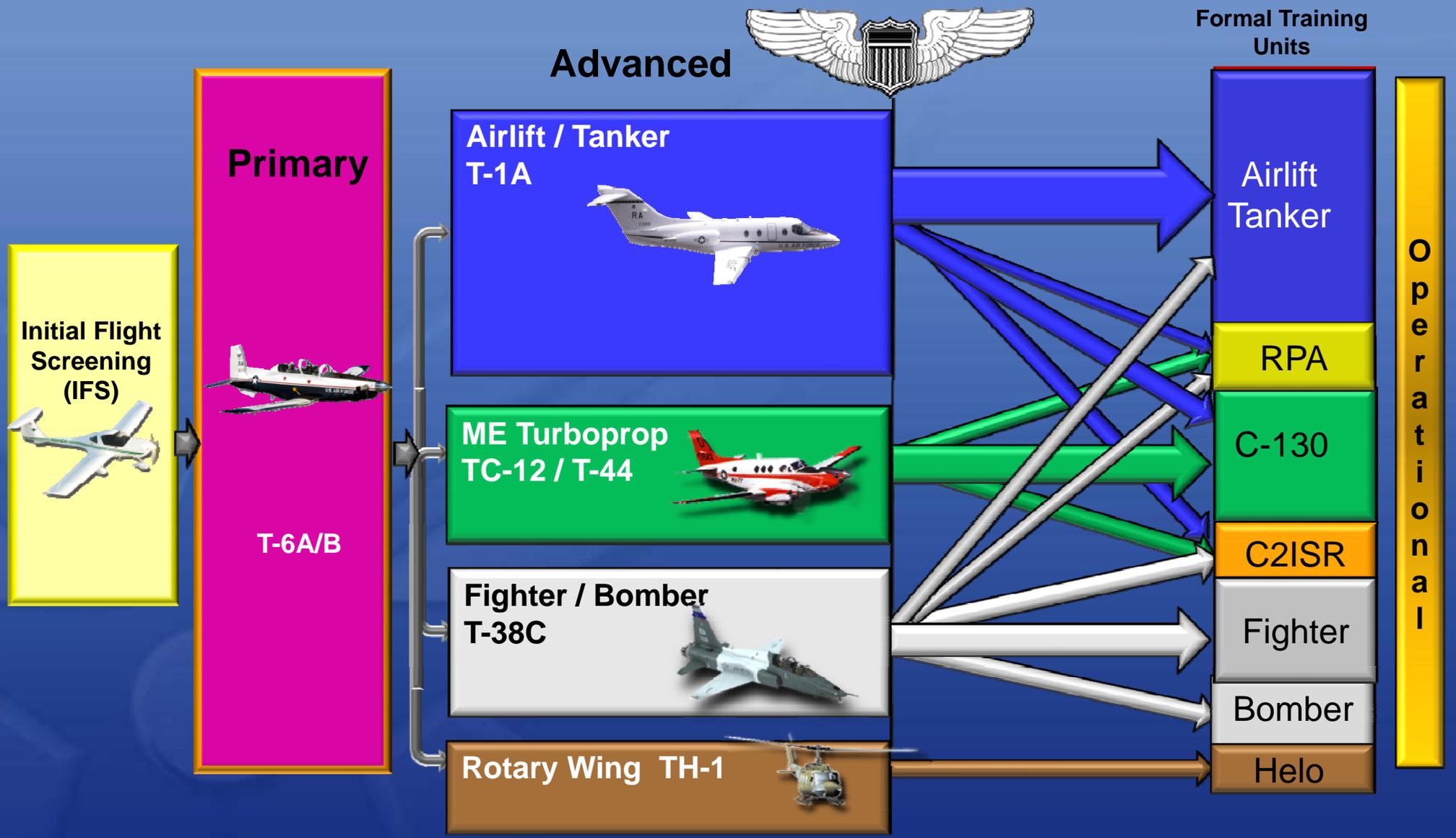
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SUPT 2010: The Present



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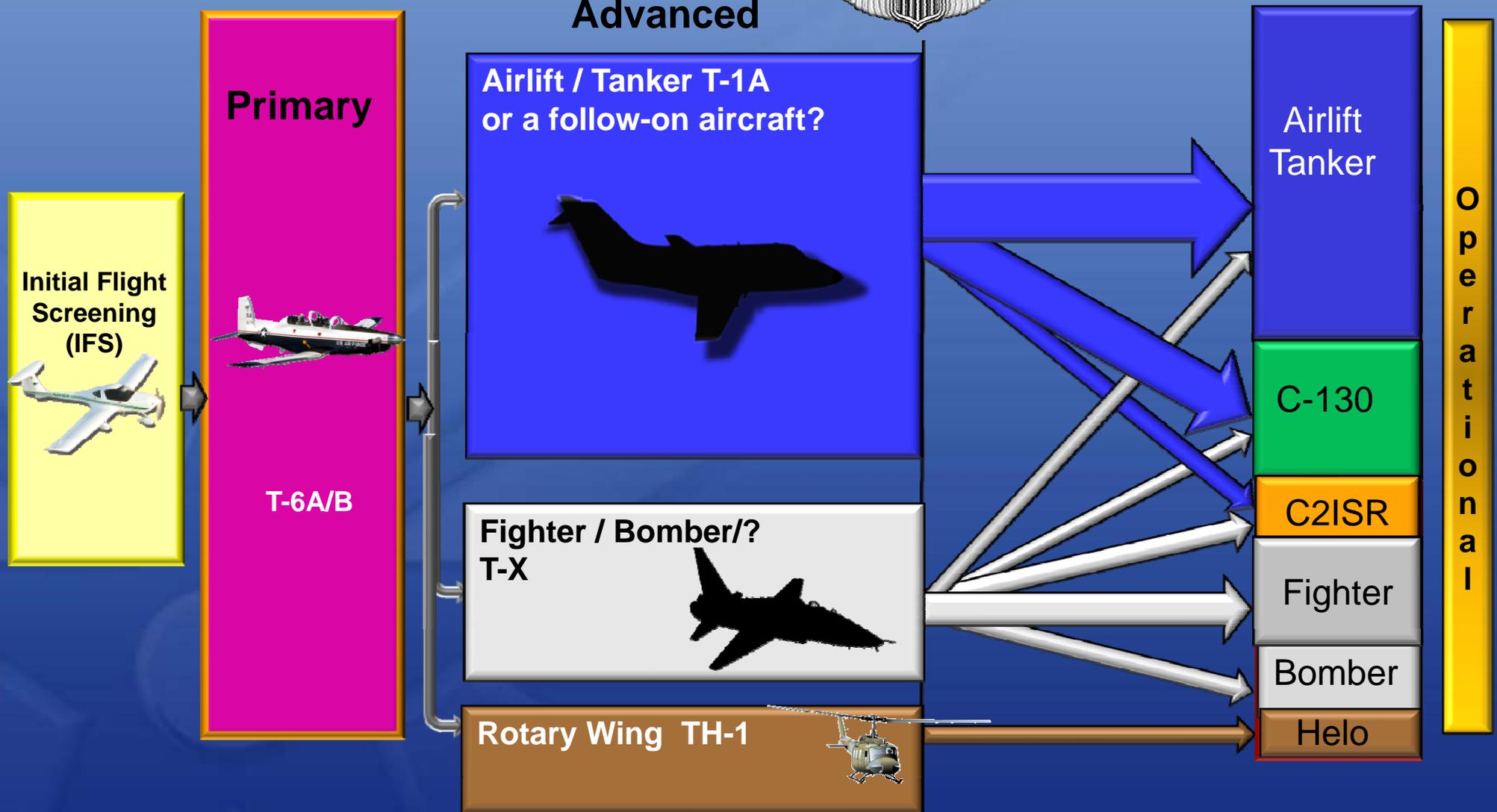
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SUPT 20??: Uncertain Future



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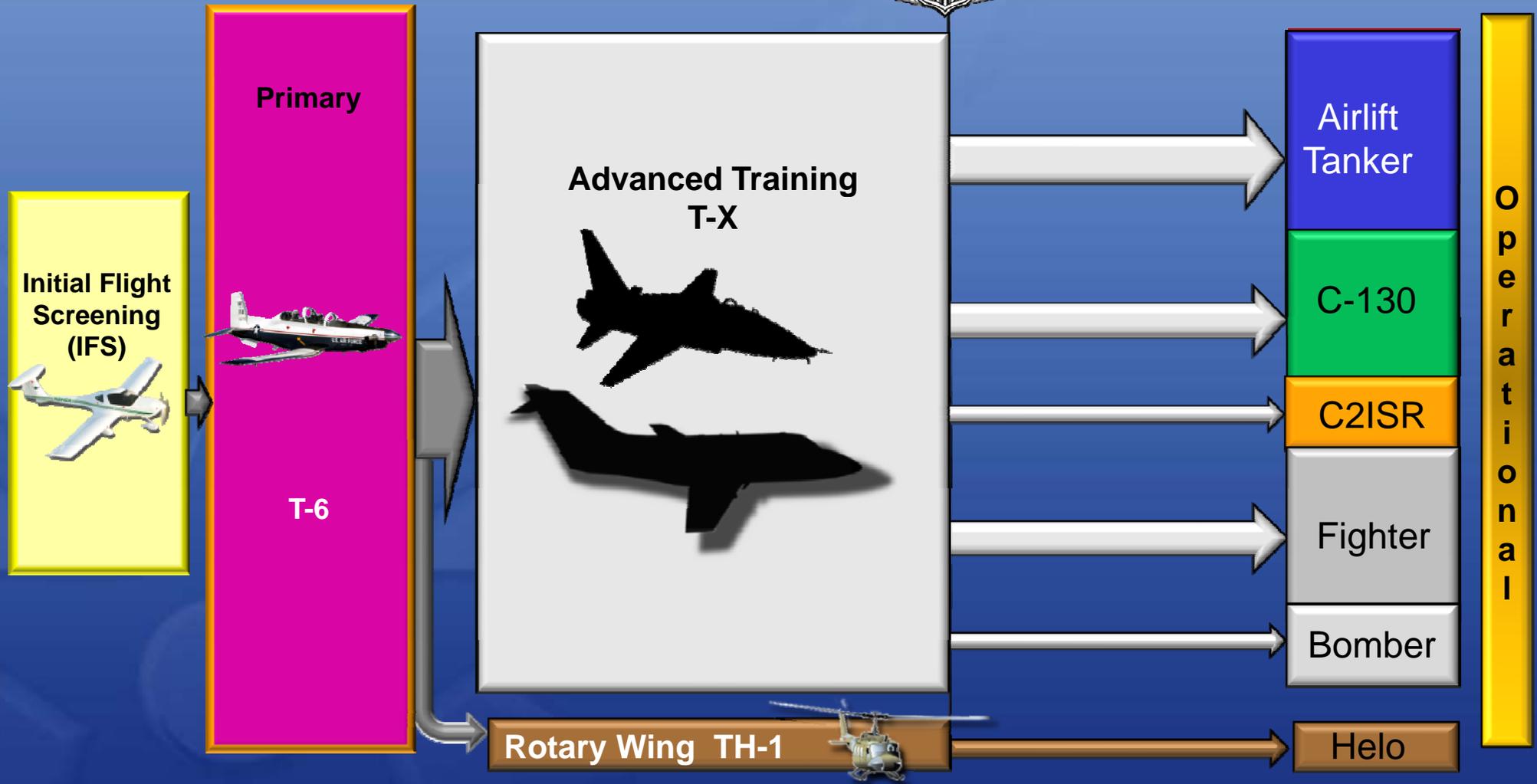
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sUPT 20??: Uncertain Future



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**Regardless of the structure we choose...
we need a new trainer!**



Future Trainer (T-X)



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- The average age of the T-38 fleet is 43.5 years old
- The Air Force is in the process of conducting an Analysis of Alternatives (AOA)
- The T-X must be economically viable, bridge the gap between 4th and 5th generation aircraft and prepare our aviators for the demands of the modern cockpit and battlespace



**“We’re following DOD acquisition procedures so that someday soon the AF will be able to procure a new trainer ... because this will be a 50-year decision”
- General Stephen R. Lorenz, Air Force Times 31 Aug 10**



The Certain Future



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Pilot



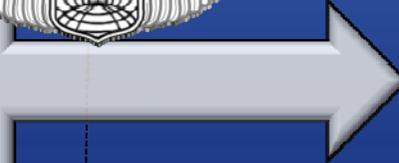
Manned Platforms

CSO



Manned Platforms

RPA



RPA

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Each of these programs is critical in maintaining the combat capability of the Air Force

Summary



Develop America's Airmen Today ... for Tomorrow

- AETC is a dynamic Total Force team providing training & education to over 400K people each year
- We are focused on partnering with the warfighter to ensure we deliver innovative training solutions
- The AF is taking a holistic approach to rated force training, production and weapon system acquisition
- AETC is leveraging our greatest assets, our people, to ensure we Develop America's Airmen Today...For Tomorrow

Unrivaled Air, Space and Cyberspace Training in the future...



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Questions?

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