

412TW-PA-18591



412 TW Current and Future Projects

4
1
2
T
W

DAVID G. WHEATON

AIR FORCE TEST CENTER
EDWARDS AFB, CA

OCTOBER 2018

Approved for public release; distribution is unlimited.
412TW-PA-18591

412TH TEST WING
EDWARDS AIR FORCE BASE, CALIFORNIA
AIR FORCE MATERIEL COMMAND
UNITED STATES AIR FORCE

REPORT DOCUMENTATION PAGEForm Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.**

1. REPORT DATE (DD-MM-YYYY) 09-10-2018			2. REPORT TYPE Briefing Slides		3. DATES COVERED (From - To) 15 – 19 October 2018	
4. TITLE AND SUBTITLE 412 TW Current and Future Projects					5a. CONTRACT NUMBER	
					5b. GRANT NUMBER	
					5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S) David Wheaton Michael Seelos					5d. PROJECT NUMBER	
					5e. TASK NUMBER	
					5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) AND ADDRESS(ES) 412th Test Wing 195 E Popson Ave Edwards AFB CA 93524					8. PERFORMING ORGANIZATION REPORT NUMBER 412TW-PA-18591	
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) 412th Test Wing 195 E Popson Ave Edwards AFB CA 93524					10. SPONSOR/MONITOR'S ACRONYM(S) N/A	
					11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION / AVAILABILITY STATEMENT Approved for public release A: distribution is unlimited.						
13. SUPPLEMENTARY NOTES Flight Test Technical Team (FT3) / meeting to be held in Huelva, Spain / 15 – 19 October 2018						
14. ABSTRACT Provides a comprehensive top level overview of the current and future 412 TW Projects.						
15. SUBJECT TERMS 412 TW						
16. SECURITY CLASSIFICATION OF: Unclassified			17. LIMITATION OF ABSTRACT None	18. NUMBER OF PAGES 7	19a. NAME OF RESPONSIBLE PERSON 412 TENG/EN (Tech Pubs)	
a. REPORT Unclassified	b. ABSTRACT Unclassified	c. THIS PAGE Unclassified			19b. TELEPHONE NUMBER (include area code) 661-277-8615	



412 TW

“Warriors Committed to Readiness and Quality Support”



U.S. AIR FORCE

412 TW Current and Future Projects October 2018

**David Wheaton
412 TW/CT**

Integrity ★ Service ★ Excellence



Big Picture – FY18+ TW Projects



412 TW

**Total
Projects:**
275

By Priority Code:

ACAT 1: 34

ACAT 2: 17

Other: 224





Test Force Projects



412 TW

- **F-22**

- Avionics and flight sciences
- Agile Software Development



- **Global Power Fighter**

- Advanced Pilot Trainer (APT) T-X: Testing All Aspects
- USAF, EPAF, and FMS F-16: Avionics Upgrades & Collision Avoidance
- F-15 FMS
- T-38: Avionics Upgrades



- **Global Reach**

- KC-46: Testing All Aspects
- C-17: Air Drop & HQ
- KC-135: Avionics and Performance
- Coalition Aerial Refueling Initiative
- VC-25B (Air Force One)
- C-5: CNS/ATM
- C-130: Flight Sciences





Test Force Projects



412 TW

- **Global Power Bomber**

- B-1: Avionics Upgrades
- B-2: Avionics Upgrades
- B-52: Flight Sciences, Avionics, & Hypersonics



- **Global Vigilance**

- RQ-4 Global Hawk: Mostly Avionics Upgrades
- MQ-1 Predator Support
- MQ-9 Reaper Support
- Army Grey Eagle Support
- NATO Hawk & Korea Hawk



- **Joint Strike Fighter**

- F-35: Avionics Upgrades, Auto GCAS, OT&E, & Drag Chute
- Joint Test



- **Emerging Technologies**

- Fifth Generation Aerial Target (5GAT) Demonstrator
- sUAS
- Counter sUAS





Questions?