REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

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1. REPORT DATE *(DD-MM-YYYY)* 26-04-2022	**2. REPORT TYPE** Briefing Slides	**3. DATES COVERED** *(From - To)* May 16-19,2022
4. TITLE AND SUBTITLE Expanding Versatility with Wireless Instrumentation System		**5a. CONTRACT NUMBER** **5b. GRANT NUMBER** **5c. PROGRAM ELEMENT NUMBER**
6. AUTHOR(S) Grecia Roman and Clinton Mazone		**5d. PROJECT NUMBER** **5e. TASK NUMBER** **5f. WORK UNIT NUMBER**
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) AND ADDRESS(ES) 812th AITS/ENI 300 E. Yeager Blvd. Room 522 Edwards AFB, CA 93524-0001		**8. PERFORMING ORGANIZATION REPORT NUMBER** 412TW-PA-21146
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 Distribution Statement A: distribution is unlimited.

13. SUPPLEMENTARY NOTES
Source Code 012100 (This number comes from STINFO via EAFB Technical Library)
CA: 412th Test Wing, Edwards AFB, CA

14. ABSTRACT
The 812th AITS/ENIE is researching the effectiveness of using wireless communication in an intra-plane instrumentation system. Motivations are to provide capability to overcome the limitations of wired connections; and to reduce the amount of orange wire in aircraft, aircraft down time, and material cost & weight. Test objectives are to characterize timing over wireless links, prove RF link performance and reliability, and demonstrate functionality in an operationally relevant environment.

15. SUBJECT TERMS
USAF TPS, Stanford GPS Lab, ARAIM, DPA, GNSS, Flight Test, C-12J

16. SECURITY CLASSIFICATION OF:			**17. LIMITATION OF ABSTRACT**	**18. NUMBER OF PAGES**	**19a. NAME OF RESPONSIBLE PERSON**
Unclassified			None	30	412 TENG/EN (Tech Pubs)
a. REPORT	**b. ABSTRACT**	**c. THIS PAGE**			**19b. TELEPHONE NUMBER** *(include area code)*
Unclassified	Unclassified	Unclassified			661-277-8615

Standard Form 298 (Rev. 8-98)
Prescribed by ANSI Std. Z39.18