DEPARTMENT OF THE AIR FORCE
AIR FORCE LIFE CYCLE MANAGEMENT CENTER
WRIGHT-PATTERSON AIR FORCE BASE OHIO

2 8 OCT 2019

MEMORANDUM FOR AFSC/LG
ALL UNITED STATES AIR FORCE PROGRAM EXECUTIVE OFFICERS

FROM: AFPEO/ACS

SUBJECT: United States Air Force (USAF) Automatic Test Systems (ATS) Standardization

References: (a) GAO Report (GAO-03-451), *DoD Needs to Better Manage Automatic Test Equipment Modernization,* Mar 03
(b) *AFI 63-101/20-101,* 9 May17
(c) *AFSCMAN 21-102,* 28 Jun 16

1. When it comes to USAF ATS requirements for all maintenance levels, Agile Combat Support (ACS) is here to help. The referenced documents charge ATS Division to assist the entire Air Force with ATS, which includes new, replacement, modification, or Test Program Set (TPS) development/rehosts. Our job is to supercharge the movement towards common test equipment, and save the Air Force money/time throughout the lifecycle of our programs.

2. Early ATS Division involvement will allow analysis and understanding of the program to ensure selection of the right tester. The ATS Division of ACS manages several Family of Tester (FoT) solutions including two DoD-Designated FOTs (Versatile Diagnostic Automatic Test Station and Joint Services Electronic Combat System Tester), along with four Air Force FoTs (Common Munitions Bit/Reprogramming Equipment, Common Aircraft Portable Reprogramming Equipment, Bomber Armament Tester, Advanced Radar/Electronic Warfare Test Station). Early involvement is paramount, but our office is ready to support wherever you are in the lifecycle of your program. If you have a unique tester, and you think a move to one of the common testers won't work, let us help. Our team is creative and will find a way to link your platform with one of the FoT solutions.

3. I know it's tempting to procure a unique tester, but the upfront development and lifetime sustainment costs of unique ATS limit our "combat advantage." I know that involving another organization upfront in the requirements process could increase risk, but our experts are confident that programs using FoT solutions will experience significant cost and schedule savings with the same or higher level of performance.

4. We will work with all organizations, and help migrate your unique tester to a DoD/Air Force FoT solution, by embracing principles of user focus, reuse, simplicity, modularity, and open systems. With your help we can create a manageable number of systems to support all platforms and acquisition strategies, focused on cost savings, cutting schedule, and speed.

5. To get immediate assistance on the ATS selection process and on DoD FoTs, email wralc.csw.ats.frnoff@us.af.mil, or call the Air Force ATS PGM at DSN 312-472-2100 or Comm 478-222-2100.

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