



**DEPARTMENT OF THE AIR FORCE**  
AIR FORCE LIFE CYCLE MANAGEMENT CENTER  
ROBINS AIR FORCE BASE GEORGIA

29 Sep 12

MEMORANDUM FOR SEE DISTRIBUTION

FROM: AFLCMC/WNA (AF ATS PGM)

SUBJECT: Air Force Automatic Test Systems (ATS) Standardization Requirements

1. The Office of the Secretary of Defense has provided guidance to minimize unique types of ATS being introduced into the DoD inventory by using designated DoD ATS Families whenever possible (*OSD (AT&L) memorandum of 28 July 2004 & later integrated into DoD 5000.2 paragraph 8c(1)(c)2c*). Following this guidance, the Air Force is committed to reducing our ATS footprint while providing better ATS solutions to the warfighter.
2. AF ATS requirements, whether for new, replacement, modification, Test Program Set (TPS) Development/Rehost, at all maintenance levels, will be coordinated through the AF ATS Product Group Manager (PGM) (AFLCMC/WNA) before budgeting or contracting actions. The ATS PGM will either provide a standard solution or process an ATS deviation waiver. Major acquisition programs will be coordinated through the DoD ATS Management Board (AMB). The AF manages three DoD designated approved Family of Testers developed to provide multifunctional standard ATS capability in the AF. The AF Family of Testers includes Versatile Depot Automatic Test Station (VDATS), Common Benchtop Automatic Test Station (CBATS) and Joint Services Electronic Combat System Tester (JSECST). If VDATS or another DoD standard ATS does not meet your ATS testing requirements, then a waiver will be required. Further information can be found at the DoD ATS Website, <http://www.acq.osd.mil/ats/>.
3. AF contracts that include ATS requirements should include the following statement as part of the contract clauses: ***When Automatic Test Systems (ATS) support requirements exist, only a DoD approved Family of Testers, will be chosen to fulfill automated testing requirements unless an ATS Deviation Waiver has been approved by the AF ATS Program Office as required by AFI 63-101 and AFPD63-1/20-1. This requirement also applies to ATS to be used by the contractor's facility that is the property of the US Air Force. Any TPS development efforts should follow MIL-PRF-32070A, TPS Development Specification (Released 10 Jan 12). The intent of this policy is to ensure that minimum cost is incurred to transport test software developed at the depot or factory to lower levels of maintenance. Information on DoD Family of Testers can be obtained from <http://www.acq.osd.mil/ats/> or by contacting the AF ATS PGM at (478) 222-2100.***

A handwritten signature in black ink, appearing to read "S.H. Jones".

SCOTT H. JONES, Lt Col, USAF  
Chief, Automatic Test Systems  
Agile Combat Support

2 Attachments:

1. OSD memo dated 28 Jul 04
2. DAF Memo dated 26 Nov 07

cc:

ACC/A4  
AFMC/A4  
AFRC/A4  
AFSOC/A4  
AFSPC/A4  
AMC/A4  
ANG/A4  
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ACQUISITION,  
TECHNOLOGY  
AND LOGISTICS

THE UNDER SECRETARY OF DEFENSE

3010 DEFENSE PENTAGON  
WASHINGTON, DC 20301-3010

JUL 28 2004

MEMORANDUM FOR ASSISTANT SECRETARY OF THE ARMY (ACQUISITION,  
LOGISTICS AND TECHNOLOGY)  
ASSISTANT SECRETARY OF THE NAVY (RESEARCH,  
DEVELOPMENT AND ACQUISITION)  
ASSISTANT SECRETARY OF THE AIR FORCE  
(ACQUISITION)

SUBJECT: DoD Policy for Automatic Test Systems

This memorandum establishes policy for Automatic Test Systems. Background information is provided in the attachment.

To minimize the life cycle cost of providing automatic test systems for weapon systems support at DoD field, depot, and manufacturing operations, and to promote joint service automatic test systems interoperability, Program Managers shall use approved DoD ATS Families as the preferred choice to satisfy automatic testing support requirements. Commercial-off-the-Shelf (COTS) solutions that comply with the DoD ATS Technical Architecture should only be used if the Milestone Decision Authority concurs that a DoD ATS Family will not satisfy the requirement. Automatic Test System selection shall be based on a cost and benefit analysis over the system life cycle.

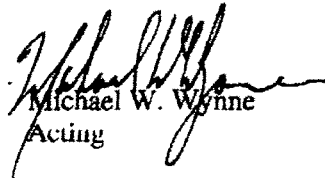
This policy will be included in DoD Instruction 5000.2 (Operation of the Defense Acquisition System) when it is updated in the near future. The Service Acquisition Executives will jointly agree on processes and procedures to implement this policy.

Designated DoD ATS Families are listed in the attachment.

The ATS Executive Agent role previously assigned to the Navy is hereby cancelled. An ATS Management Board (AMB) led by Navy and comprised of the each Service's designated lead ATS offices will coordinate Service ATS matters. The AMB will develop a Joint Memorandum of Agreement for signature by the Service Acquisition Executives to detail the processes and procedures that the Services will follow in satisfying automatic test systems requirements.



The guidance in this memorandum is effective until incorporation into DoD Instruction 5000.2.

  
Michael W. Wynne  
Acting

Attachment  
As stated



DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC



OFFICE OF THE ASSISTANT SECRETARY

26 November 2007

MEMORANDUM FOR: SEE DISTRIBUTION

SUBJECT: Air Force Guidance on Procurement of Automatic Test Systems and Equipment

In response to the General Accounting Office (GAO) Report, *"Military Readiness: DOD Needs to Better Manage Automatic Test Equipment Modernization."* GAO-03-451, March 2003, the Under Secretary of Defense republished DOD policy for Automatic Test Systems (ATS). The *"Automatic Test Systems Joint Memorandum of Agreement (MOA) among the Service Acquisition Executives"* (Sept 04) was restated, establishing Navy PMA-260 as the DOD ATS Executive Director and WR-ALC/LEA (now the 742nd CBSG) at Warner Robins Air Logistics Center as the Air Force ATS Leadership Office.

The central theme in the GAO report is the need for commonality in automatic test systems/equipment. Air Force ATS/ATE requirements, whether for new, replacement, modification, Organizational, Intermediate, or Depot, will be coordinated through the 742nd CBSG/CC at WR-ALC for approval. The 742nd CBSG will either provide a solution to a program's ATS requirement or process a waiver through the DOD ATS Management Board (AMB) for approval. The DOD AMB will provide the ATS/ATE selection and acquisition recommendations to the Milestone Decision Authority or designated acquisition authority for final approval if the ATS acquisition involves a deviation from ATS policy.

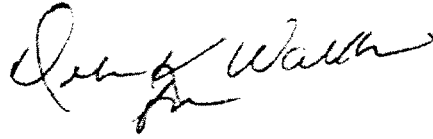
The DOD AMB designated the Air Force's Versatile Depot Automatic Test Station (VDATS) as a DOD approved Family of Testers during the AMB meeting on 19 Sep 07. Program Managers can find the DOD ATS Policy, including the DOD ATS Selection Process Guide and the list of approved ATS Family of Testers, at <http://www.acq.osd.mil/ats>. ATS policy will be updated incorporating the designation of the 742nd CBSG as the Air Force ATS Leadership Office and ATS Product Group Manager, replacing SA-ALC/LDA.

*America's Air Force -- No One Comes Close*

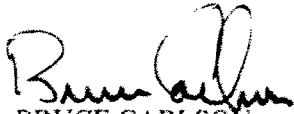
Our staff (SAF/AQXA, DSN 425-7100; AF/A4MY, DSN 227-0294; and 742<sup>nd</sup> CBSG, DSN 472-2100) is prepared to assist you with this process.



SUE C. PAYTON  
Assistant Secretary of the Air Force  
(Acquisition)



WILLIAM C. ANDERSON  
Assistant Secretary of the Air Force  
(Installations, Environment & Logistics)



BRUCE CARLSON  
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