



ACQUISITION AND
TECHNOLOGY

THE UNDER SECRETARY OF DEFENSE
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WASHINGTON, D.C. 20301-3010



SEP 27 2000

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS
ATTN: ACQUISITION EXECUTIVES

SUBJECT: NATO Standards for Use in the Acquisition of Munitions

One aspect of the Department's initiative in acquisition reform involves the increased use of *internationally recognized commercial and/or NATO standards*. In the area of munitions acquisition, NATO Standardization Agreements (STANAGs) and Allied Ordnance Publications (AOPs) provide excellent guidance, and use of these documents furthers our goal of interoperability with our NATO allies. In this light, it is essential that our acquisition community is aware of these publications and uses them, when appropriate, in the acquisition of munitions.

In the area of safety and suitability for service of munitions and explosives, NATO Cadre Group AC/310 provides the technical and administrative lead for the National Armaments Directors in advancing our goal of munitions interoperability via standardization. AC/310 has been actively developing safety-related STANAGs and AOPs for use in the acquisition of munitions for many years. Because of their efforts, NATO, in the past 12 months, has promulgated 8 STANAGs and 4 AOPs that relate to safety and suitability for service of munitions and explosives. The purpose of this memorandum is to ensure that these documents are reviewed and incorporated into your munitions system acquisition programs, as applicable. Please disseminate this information as widely as possible throughout the DoD's munitions acquisition community.

A listing of the documents is attached. They have been submitted to the DoD Single Stock Point for inclusion into the DoD Index of Specifications and Standards (DoDISS). You can access DoDISS thru the WEB at <http://www.dodssp.daps.mil/>.

DoD personnel supporting the work of AC/310 will ensure that every effort is made to draft STANAGs and AOPs such that their equivalent U.S. document could be eliminated.

J. S. Gansler

Attachment



STANAG/ AOP	Title	Date
4489 Ed1	Explosives; Impact Sensitivity Tests	17 Sep 99
4556 Ed1		22 Nov 99
4506 Ed1	Explosive Materials, Physical/Mechanical Properties, Uniaxial Tensile Test.	29 Mar 00
4527 Ed1	Explosives. Chemical Stability, Nitrocellulose based propellants: Procedures for assessments of chemical and temperature dependence of stabilizer consumption rates.	29 Mar 00
AOP-16 Ed3	Fuzing Systems – Guidelines for STANAG 4187	Nov 99
AOP-8 Ch2	NATO Fuze Characteristics Catalogue	28 Jan 00
4396 Ed1	Sympathetic Reaction, Munition Test Procedure	16 Nov 99
AOP-34	Vibration Test Procedures for Munitions carried in Tracked Vehicles	Nov 99
AOP-25	Lightning, Munition Assessment Procedures	Dec 99
4432 Ed1	Air-launched Guided Munitions, Principles for Safe Design	24 Jan 00
4497 Ed1	Hand Emplaced Munitions. Principles of Safe Design	16 Mar 00
4519 Ed1	Gas Generators. Design Safety Requirements and Safety and Suitability for Service Evaluation	7 Apr 00

Attachment