

TRI-SERVICE PAVEMENT WORKING GROUP (TSPWG) MANUAL

STANDARDS FOR NATO DEPLOYED AIR OPERATIONS



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U.S. ARMY CORPS OF ENGINEERS

NAVAL FACILITIES ENGINEERING COMMAND

AIR FORCE CIVIL ENGINEER CENTER (Preparing Activity)

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FOREWORD

This Tri-Service Pavements Working Group Manual supplements guidance found in other Unified Facilities Criteria, Unified Facility Guide Specifications, Defense Logistics Agency Specifications, and Service-specific publications. All construction outside of the United States is also governed by Status of Forces Agreements (SOFA), Host Nation Funded Construction Agreements (HNFA), and in some instances, Bilateral Infrastructure Agreements (BIA) or NATO Directives and Standardization Agreements (STANAGs). Therefore, the acquisition team must ensure compliance with the most stringent of the TSPWG Manual, the SOFA, the HNFA, the BIA, and NATO Directive/STANAG, as applicable. This manual provides guidance on compliance with NATO STANAGs in NATO deployed air operations. The information in this TSPWG Manual is referenced in technical publications found on the Whole Building Design Guide. It is not intended to take the place of Service-specific doctrine, technical orders (TOs), field manuals, technical manuals, handbooks, Tactics, Techniques or Procedures (TTPs) or contract specifications, but should be used along with these to help ensure deployed air operations services meet NATO mission requirements and are interoperable with member nations.

TSPWG Manuals are living documents and will be periodically reviewed, updated, and made available to users as part of the Services' responsibility for providing technical criteria for military construction, maintenance, repair, or operations. Headquarters, U.S. Army Corps of Engineers (HQUSACE), Naval Facilities Engineering Systems Command (NAVFAC), and the Air Force Civil Engineer Center (AFCEC) are responsible for administration of this document. Technical content of this TSPWG Manual is the responsibility of the Tri-Service Pavements Working Group (TSPWG). Defense agencies should contact the preparing activity for document interpretation. Send recommended changes with supporting rationale to the respective Service TSPWG member.

TSPWG Manuals are effective upon issuance and are distributed only in electronic media from the following source:

- Whole Building Design Guide web site <http://dod.wbdg.org/>.

Hard copies of TSPWG Manuals printed from electronic media should be checked against the current electronic version prior to use to ensure that they are current.

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**TRI-SERVICE PAVEMENT WORKING GROUP (TSPWG)
NEW SUMMARY SHEET**

Document: TSPWG M 3-260-00.NS7210, *Standards for NATO Deployed Air Operations*

Superseding: None

Description: This manual provides guidance on compliance with NATO STANAGs in NATO deployed air operations by U.S. DOD components providing air operations services for deployed NATO missions and aircraft.

Reasons for Document: This document provides a unified description of requirements that can be accessed and used by all DOD components, including USN, USMC, USA, USAF, and USSF personnel.

Impact: There is no cost impact. The following benefits should be realized.

- All Services have a single point to access requirements.
- Maintenance and/or upgrading of this supplemental information will include input from all Services.

Unification Issues: None.

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CHAPTER 1 INTRODUCTION

1-1 BACKGROUND.

NATO develops, revises, and promulgates directives and standardization agreements (STANAGs). These documents ensure that NATO and its member nations can conduct operations in a manner that is interoperable with each nation's equipment, systems, and infrastructure. It is critical that as a ratifying nation, the U.S. agrees that national orders, manuals, and instructions implementing each directive or STANAG will include a reference to the directive or STANAG number for identification. Any reservations must be noted as part of the ratification process.

1-2 PURPOSE AND SCOPE.

This manual is published to provide U.S. units and personnel reference to STANAG 7210 and its accompanying AEP-68, *Guidance in the Selection of STANAGs for Deployed Air Operations Services*. These provide guidance material for deployed air operations services (AOS) by highlighting the minimum STANAGs to be considered in the following operational fields: Airfield Marking, Lighting, and Infrastructure; Airfield Services and Procedures; and Crash, Firefighting, and Rescue activities.

1-3 APPLICABILITY.

This manual applies to the U.S. DoD, including USN, USMC, USA, USAF, and USSF personnel deployed in support of NATO AOS.

1-4 GENERAL BUILDING REQUIREMENTS.

Comply with NATO Bi-SC Directive 085-005, *NATO Approved Criteria and Standards for Airfields*. Use this TSPWG Manual in addition to NATO Bi-SC Directive 085-005 and the STANAGs listed within AEP-68 and government criteria referenced therein.

1-5 GLOSSARY.

Appendix B contains acronyms, abbreviations, and terms.

1-6 REFERENCES.

Appendix C contains a list of references used in this document. The publication date of the code or standard is not included in this document. Unless otherwise specified, the most recent edition of the referenced publication applies.

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CHAPTER 2 TECHNICAL REQUIREMENTS

2-1 STANAG 7210 and AEP-68

Review and comply with STANAG 7210 and AEP-68, as well as the STANAGs listed within AEP-68. STANAG 7210 and its accompanying AEP-68 provide guidance material for deployed AOS by highlighting the minimum STANAGs to be considered in the following operational fields: Airfield Marking, Lighting, and Infrastructure; Airfield Services and Procedures; and Crash, Firefighting, and Rescue activities.

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APPENDIX A BEST PRACTICES

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APPENDIX B GLOSSARY

B-1 ACRONYMS

AEP	Allied Engineering Publication
Bi-SC	NATO Bilateral Strategic Command
DoD	Department of Defense
NATO	North Atlantic Treaty Organization
STANAG	Standardization Agreement
U.S.	United States
USA	United States Army
USACE	United States Army Corps of Engineers
USAF	United States Air Force
USMC	United States Marine Corps
USN	United States Navy
USSF	United States Space Force

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APPENDIX C REFERENCES

NATO

NATO Bi-SC Directive 085-005, *NATO Approved Criteria and Standards for Airfields*

STANAG 7210, *Guidance in the Selection of STANAGS for Deployed Air Operations Services*

AEP-68, *Guidance in the Selection of STANAGS for Deployed Air Operations Services*

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