AEROSPACE EXPEDITIONARY FORCE

OTS Topic

Will the Aerospace Expeditionary Force (AEF) structure produce the desired results?

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Some materials listed below require access to subscription databases. If you cannot gain access, contact your local library for availability. AU students and faculty can contact AUL's Web Maintainer for a password.

If a file does not open by clicking on the link, copy the link and paste it into your browser's address bar.

All sites listed were last accessed on February 29, 2012.

Internet Resources

Expeditionary Logistics for the 21st Century.
Available online at: http://www.af.mil/information/elog21/index.asp
The new logistics system to support the AEF. The official web site of the United States Air Force.

Available online at: http://www.airforce-magazine.com/DRArchive/Pages/2008/June%202008/June%2023%202008/NewAEFforAfrica.aspx

The Reserve and the AEF. June 25, 2008.
Available online at: http://www.airforce-magazine.com/DRArchive/Pages/2008/June%202008/June%2025%202008/TheReserveandtheAEF.aspx

Available online at: http://www.af.mil/information/viewpoints/csaf.asp?id=603
General Schwartz’ message to the troops. His quote "We are an expeditionary Air Force, and an Airman’s
deployment is also a family's deployment." in the Develop and Care for Airmen and their Families, brings a lot to the table. If link does not open, copy link and paste it into your browser's address bar.


This document discusses the fundamental beliefs that underpin the application of the full range of Air Force air, space, and information capabilities to accomplish the missions assigned by the President and the Secretary of Defense.

Internet Resources (Student Research)


Lengthening the current 120-day AEF deployment cycle to a 210-day deployment cycle for Air Force officers while at the same time, reducing ILO tasking will enhance the Air Forces overall capability of providing global vigilance, reach and power to the battlefield.


Books


"This work offers a preliminary history of the development and initial implementation of EAF from our expeditionary heritage to the roll-out of the ten Aerospace Expeditionary Forces, on October 1, 1993."--Michael E. Ryan, General, United States Air Force, Chief of Staff

Also available online at: http://www.afhso.af.mil/shared/media/document/AFD-100525-073.pdf

Book call no.: 358.4130973 D263a


Also available online at: http://www.rand.org/pubs/monograph_reports/2005/MR1625.pdf

Book call no.: 358.414 R311


This report highlights opportunities in three areas -- organizational structure, systems and tools, and training and education -- in which continuing implementation of the TO-BE architecture should improve productivity and enhance decision making.

Also available online at: http://handle.dtic.mil/100.2/ADA495478

Book call no.: 358.4133041 L987c


This monograph identifies alternative approaches to storing combat support materiel that satisfy the requirements of deploying forces in an expeditionary environment that more closely resembles the current
Department of Defense planning guidance, while simultaneously reducing total system costs and increasing robustness in the event of disruptions such as loss of access to a storage site. Also available online at: [http://www.rand.org/pubs/monographs/2010/RAND_MG902.pdf](http://www.rand.org/pubs/monographs/2010/RAND_MG902.pdf)

**Book call no.: 358.4180973 G562**

Mortensen, Daniel R.  **The Air Expeditionary Force in Perspective.** Maxwell AFB, AL, Airpower Research Institute, College of Aerospace Doctrine, Research, and Education, Air University, 2003. The reader will be amazed at the broad range of historical operations, even those without an air element, that offer useful lessons for airmen seeking to better understand the challenges of employing expeditionary air forces at the turn of the 21st century. Pages 1-4 provide synopsis of the AEF concept. Also available online at: [http://www.dtic.mil/cgi-bin/GetTRDoc?AD=ADA416626](http://www.dtic.mil/cgi-bin/GetTRDoc?AD=ADA416626)

**Book call no.: 358.400973 A2983**

Nowak, Michael J.  **The Air Expeditionary Force: A Strategy for an Uncertain Future?** Maxwell AFB, AL, Air University Press, 1999. 25 p. This book presents the argument that in terms of future security challenges, the AEF focus appears to be too narrow. Also available online at: [http://handle.dtic.mil/100.2/ADA395180](http://handle.dtic.mil/100.2/ADA395180)

**Book call no.: 358.4131 N946a**

Rainey, James C. and others.  **Logistics and Warfighting: Thinking about Agile Combat Support.** Maxwell AFB, Gunter Annex, AL, Air Force Logistics Management Agency, 2003. 202 p. "A collection of essays, articles, and studies that lets the reader look broadly at many of the issues associated with Agile combat support. The content was selected to both represent the diversity of the challenges faced and stimulate discussion about these challenges. Also included is a short history of transporting munitions."--AFLMA web site. Also available online at: [http://www.afima.hq.af.mil/shared/media/document/AFD-100122-022.pdf](http://www.afima.hq.af.mil/shared/media/document/AFD-100122-022.pdf)

**Book call no.: 358.41411 L8324**

Snyder, Don and Mills, Patrick.  **A Methodology for Determining Air Force Deployment Requirements.** Santa Monica, CA, RAND, 2004. 71 p. The Air Force’s transition from a threat-based to a capabilities-based planning posture suggests the need to calculate swiftly the manpower and equipment required to generate those capabilities. This paper outlines a methodology for determining deployment requirements. Also available online at: [http://www.rand.org/pubs/monographs/2004/RAND_MG176.pdf](http://www.rand.org/pubs/monographs/2004/RAND_MG176.pdf)

**Book call no.: 358.4140973 S675s**

Snyder, Don and others.  **Capabilities and Sustainability of Air and Space Expeditionary Forces.** Santa Monica, CA, RAND, 2006. 74 p. The Department of Defense in recent years has shifted from sizing and shaping its forces using threat-based planning to structuring its forces to provide a range of capabilities. In response to this need, the authors outline a method for assessing Air and Space Expeditionary Force capabilities given certain policies and resource levels, and they illustrate how this method can contribute to the capabilities-based planning environment. Also available online at: [http://handle.dtic.mil/100.2/ADA449335](http://handle.dtic.mil/100.2/ADA449335)

**Book call no.: 358.41411 S959**

Snyder, Don and others.  **How Should Air Force Expeditionary Medical Capabilities Be Expressed?** Santa Monica, CA, RAND, 2009. 40 p. Also available online at: [http://handle.dtic.mil/100.2/ADA495434](http://handle.dtic.mil/100.2/ADA495434)

**Book call no.: 358.413450973 H847**
Documents

Doc. call no.: M-U 42963-1 no.F2010-0007-FB2000

Documents (Student Research)

"This paper analyzed the following question: 'Is the current AEF construct sufficient to counter a global insurgency or should the USAF radically revamp the vehicle to best meet current and future demands?’ The findings of the research support the position that the AEF construct does not need a complete overhaul. The research uncovers that the AEF system is constantly changing to best address USAF manning issues and combatant commander requirements. Yes, the Global War on Terror (GWOT) has strained the USAF, but the AEF construct remains viable and beneficial for the foreseeable future."--Abstract.
Also available online at: http://dtlweb.au.af.mil/webclient/DeliveryManager?pid=43013
Doc. call no.: M-U 43122 F8282a

Greene, M. Requirements of the Expeditionary Strike Group’s Fixed Wing Aircraft. Quantico, VA, United States Marine Corps Command and Staff College, February 2008. 18 p.
A review of the normal mission and the operational environment of the Expeditionary Strike Group (ESG) proves that expeditionary warfare demands more capability than the planned F-35B will be able to deliver.
Also available online at: http://handle.dtic.mil/100.2/ADA499483
Doc. call no.: M-U 41886-131 G811r

According to this thesis there are three areas to improve the process and quality of forces provided to the combatant commander: Allow flexibility within the AF specialties to normalize the deployment cycles for those career fields that are in surge, implement global force management, and provide standardized combat skills and pre-deployment training to all airman.
Also available online at: http://dtlweb.au.af.mil/webclient/DeliveryManager?pid=27933
Doc. call no.: M-U 43122 O121t

Critical analysis of AEF implementation and limitations in the 21st century.
Also available online at: http://www.dtic.mil/cgi-bin/GetTRDoc?AD=ADA397039
Doc. call no.: M-U 43122 S5453t

This paper is a little dated, however provides a valuable study of the historical use of land-based airpower to determine whether or not history supports the Expeditionary Air Force concept.
Also available online at: http://handle.dtic.mil/100.2/ADA394980
Doc. call no.: M-U 43122 V2441b

The ongoing defense transformation is making the US Air Force a much more expeditionary force than it was during the Cold War.

Also available online at: [http://proquest.umi.com/pqdweb?did=856118461&sid=1&Fmt=6&clientId=417&RQT=309&VName=PQD](http://proquest.umi.com/pqdweb?did=856118461&sid=1&Fmt=6&clientId=417&RQT=309&VName=PQD)

The Air Force seeks to instill an expeditionary mind-set in each Airman, but the difficulty of precisely defining such an attitude may prove the most challenging aspect of the ongoing cultural change.

Also available online at: [http://proquest.umi.com/pqdlink?did=973190931&sid=6&Fmt=3&clientId=417&RQT=309&VName=PQD](http://proquest.umi.com/pqdlink?did=973190931&sid=6&Fmt=3&clientId=417&RQT=309&VName=PQD)

Expeditionary space and cyber operations involve less need for overseas deployment.

Also available online at: [http://proquest.umi.com/pqdlink?did=1496715571&sid=2&Fmt=3&clientId=417&RQT=309&VName=PQD](http://proquest.umi.com/pqdlink?did=1496715571&sid=2&Fmt=3&clientId=417&RQT=309&VName=PQD)


Also available online at: [http://proquest.umi.com/pqdlink?did=68699213&sid=1&Fmt=4&clientId=417&RQT=309&VName=PQD](http://proquest.umi.com/pqdlink?did=68699213&sid=1&Fmt=4&clientId=417&RQT=309&VName=PQD)

The concept works. It has also led to a new way of life for the Air Force.

Also available online at: [http://www.airforce-magazine.com/MagazineArchive/Pages/2002/July%202002/0702eaf.aspx](http://www.airforce-magazine.com/MagazineArchive/Pages/2002/July%202002/0702eaf.aspx)

Proposes a model for base-level command to use in organizing, writing, and assessing bare-base-support plans; determining buildup priorities; and executing bare-base operations.

Also available online at: [http://proquest.umi.com/pqdlink?did=698446621&sid=2&Fmt=2&clientId=417&RQT=309&VName=PQD](http://proquest.umi.com/pqdlink?did=698446621&sid=2&Fmt=2&clientId=417&RQT=309&VName=PQD)

Twenty years ago, on August 1990, Iraq seized Kuwait, and the US launched a buildup that led to today’s expeditionary Air Force.

Also available online at: [http://www.airforce-magazine.com/MagazineArchive/Pages/2010/August%202010/0810desert.aspx](http://www.airforce-magazine.com/MagazineArchive/Pages/2010/August%202010/0810desert.aspx)

Deployments have gotten longer, and so has the list of demands on airmen.

Also available online at: [http://www.airforce-magazine.com/MagazineArchive/Pages/2005/July%202005/0705expedition.aspx](http://www.airforce-magazine.com/MagazineArchive/Pages/2005/July%202005/0705expedition.aspx)
The changing and increasing dangerous global-security environment presents a considerable challenge for air-base defense and demands a new base-defense mind-set.  
Also available online at:  [http://proquest.umi.com/pqdlink?did=1261925651&sid=1&Fmt=3&clientId=417&RQT=309&VName=PQD](http://proquest.umi.com/pqdlink?did=1261925651&sid=1&Fmt=3&clientId=417&RQT=309&VName=PQD)

The U.S. Air Force is embracing force transformation at the operational and organizational levels by selecting new technologies and equipment based on the ability to enhance a variety of capabilities.  
Also available online at:  [http://proquest.umi.com/pqdlink?did=340657121&sid=1&Fmt=4&clientId=417&RQT=309&VName=PQD](http://proquest.umi.com/pqdlink?did=340657121&sid=1&Fmt=4&clientId=417&RQT=309&VName=PQD)

Also available online at:  [http://proquest.umi.com/pqdweb?did=1312211771&sid=1&Fmt=6&clientId=417&RQT=309&VName=PQD](http://proquest.umi.com/pqdweb?did=1312211771&sid=1&Fmt=6&clientId=417&RQT=309&VName=PQD)

The USAF EC brings together a wealth of expertise from dozens of specialties to provide accountable, up-to-date instruction across the spectrum of mobility and expeditionary skills.  
Also available online at:  [http://proquest.umi.com/pqdlink?did=2056861401&sid=6&Fmt=3&clientId=417&RQT=309&VName=PQD](http://proquest.umi.com/pqdlink?did=2056861401&sid=6&Fmt=3&clientId=417&RQT=309&VName=PQD)


Also available online at:  [http://www.airforce-magazine.com/MagazineArchive/Pages/2010/September%202010/0910commit.aspx](http://www.airforce-magazine.com/MagazineArchive/Pages/2010/September%202010/0910commit.aspx)

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