



ARMY AVIATION INFORMATION BULLETIN



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In This Issue

Aviation Restructure Initiative
Combat Aviation Brigade
Unmanned Aircraft System
Integration Doctrine and
Training Supplement

Maritime Operations Course
Management Plan

Airfield Management
Operations

KEY PERSONNEL

Director of Training and Doctrine

Director: COL Baker
[usarmy.rucker.avncoe.mbx.dotd-
inquiry@mail.mil](mailto:usarmy.rucker.avncoe.mbx.dotd-inquiry@mail.mil)

Doctrine Division

Chief: LTC Guadalupe
[https://www.us.army.mil/suite/
page/389908](https://www.us.army.mil/suite/page/389908)

Gunnery Branch

Email: [usarmy.rucker.avncoe.mbx.
atzq-tdt-g@mail.mil](mailto:usarmy.rucker.avncoe.mbx.atzq-tdt-g@mail.mil)

Aviation Mission Survivability Branch

[https://www.us.army.mil/suite/
page/656345](https://www.us.army.mil/suite/page/656345)

Lessons Learned Integration Branch

[https://www.us.army.mil/suite/
page/667882](https://www.us.army.mil/suite/page/667882)

Aircraft Survivability Development & Tactics Branch

[https://www.us.army.mil/suite/
page/664976](https://www.us.army.mil/suite/page/664976)

Doctrine Branch

[https://www.us.army.mil/suite/
page/394729](https://www.us.army.mil/suite/page/394729)

Flight Training Branch

[usarmy.rucker.avncoe.mbx.atzq-
tdt-f@mail.mil](mailto:usarmy.rucker.avncoe.mbx.atzq-tdt-f@mail.mil)

Combat Aviation Brigade Unmanned Aircraft System Integration Doctrine and Training Supplement

This doctrine and training supplement (DTS) is intended to be used by aviation brigade and battalion/squadron commanders operating Army unmanned aircraft systems (UAS). It provides a holistic framework to develop strategies for the integration, training, employment, and sustainment of UAS formations as integral parts of the combat aviation brigade (CAB) as designed by the Aviation Restructure Initiative (ARI). Furthermore, it provides an understanding of the enhanced capabilities with the integration of manned and unmanned aviation assets in support of air-ground operations (AGO).

Manned-unmanned teaming (MUM-T) is the synchronized and integrated maneuver of Army Aviation rotary and unmanned aircraft systems to conduct movement to contact, attack, reconnaissance, and security tasks. The concept of MUM-T is to combine the inherent strengths of manned and unmanned platforms to produce synergy not experienced in single platforms. Manned-unmanned teaming is a tactics, techniques, and procedure that allows the Army to gain and maintain asymmetric advantages over its enemies during the conduct of unified land operations.

The Army's Aviation formations are organized and equipped to support combined arms maneuver operations across the entire range of conflict. The Army Aviation force structure includes UAS formations that enable greater tactical reach and flexibility for commanders to shape the operational environment. The

ARI provides an integrated and structured framework for maximizing training, employment, and sustainment for all CAB assets as part of a manned-unmanned team.

The ARI assigns a Shadow platoon to each attack reconnaissance troop within the attack reconnaissance squadron and assigns a Gray Eagle company to the attack reconnaissance battalion in the active component CABs. These UAS formations significantly increase the CAB's reconnaissance capabilities to conduct AGO. Adding UAS capabilities requires aviation commanders and their staffs to integrate UAS into all aspects of training, standardization, maintenance, and tactical employment. This DTS serves as the foundation for understanding the CAB redesign in terms of mission, organization, and capabilities.

More Information:

<https://www.us.army.mil/suite/files/43315709>

Maritime Operations (Overwater/Littoral/ Deck Landing Qualification)

This Course Management Plan (CMP) along with the additional information contained within the Training Support Package (TSP) is designed to provide standardized training guidance to units tasked to conduct Maritime Operations, Littoral Operations, Overwater Operations, and Deck Landing Qualifications. The aircrew training manual (ATM) and other reference publications were used to develop this CMP. This training support package is only a guide and may be modified to accommodate unit specific training needs.



LINKS

(Click on link)

Army Knowledge Network (AKN)
<https://www.us.army.mil/suite/page/647346>

Army Community of Practice
[https://www.milsuite.mil/book/community/spaces/apf/aviation_warfighters_forum_\(avwff\)](https://www.milsuite.mil/book/community/spaces/apf/aviation_warfighters_forum_(avwff))

DOTD Telephone Directory
<https://www.us.army.mil/suite/doc/38464137>

DOTD Web Site Home Page
<https://www.us.army.mil/suite/page/usaace-dotd>

Armor's Professional Bulletin
<http://www.benning.army.mil/armor/eARMOR>

Infantry's Professional Bulletin
<http://www.benning.army.mil/infantry/magazine>

Aviation Digest
<https://www.us.army.mil/suite/page/696746>
or
<http://www.rucker.army.mil/aviationdigest>

Fires Professional Bulletin
<http://sill-www.army.mil/firesbulletin>

Militant Intelligence Professional Bulletin
https://www.ikn.army.mil/apps/IKNWMS/IKN_Websites/CDI/MIPB/home.html

Directorate of Evaluation and Standardization (DES)
Office: 334-255-2603
<https://www.us.army.mil/suite/page/337793>

Directorate of Simulation Aviation Warfighting Simulation Center
Office: 334-255-6715
<https://www.us.army.mil/suite/page/601129>

Air Traffic Services Command
Office: 334-255-8000
<https://ats.army.mil>

TRADOC Capability Manager-Lift (TCM-L)
Office: 334-255-9050
<https://www.us.army.mil/suite/page/tcm-lift>

TRADOC Capability Manager-Reconnaissance & Attack (TCM-RA)
Office: 334-255-2160
<https://www.us.army.mil/suite/page/610373>

TRADOC Capability Manager-Unmanned Aircraft Systems (TCM-UAS)
Office: 334-255-1971
<https://www.us.army.mil/suite/page/407448>

MEDEVAC Proponency Directorate
Office: 334-255-1166
<https://www.us.army.mil/suite/page/684746>

National Training Center Eagle Team
<https://www.irwin.army.mil/CommandGroupUnits/Units/OPSGRP/EagleAviation/Pages/default.aspx>

Joint Readiness Training Center - OPSGRP Aviation Team
<https://www.us.army.mil/suite/page/689815>

Joint Multinational Readiness Center - Falcon Team
<http://www.eur.army.mil/jmrc/falcons.html>

SCOPE The TSP consists of academic training and ATM flight training tasks flown under simulated tactical flight environments in the aircraft, and/or the applicable flight simulator and emphasize safe operations for conducting missions in a maritime environment.

The CMP consists of three modules; **Overwater Operations, Deck Landing Qualification, and Overwater Mission Academics**. The information contained within each module is similar in appearance to the other modules. It is important to use the correct module for the training intended given that there are differences between the modules.

The Maritime Operations TSP does not specify nor suggest a minimum or maximum of flight hours to be flown for any part of maritime operations training. An aircrew member is considered "Trained" based on performance of the individual, and is at the discretion of the unit commander.

More Information:
<https://www.us.army.mil/suite/files/42983167>

Directorate of Training and Doctrine Flight Training Branch

The Directorate of Training and Doctrine (DOTD) Flight Training Branch (FTB) is responsible for the ATM, Aircrew Coordination Training, and the Aircrew Training Program (ATP). The FTB completed a rewrite of TC 3-04.11, The Commander's Aircrew Training and Standardization Program, and expects its release in 2d Quarter, 2015. Save the FTB home page (<https://www.us.army.mil/suite/page/691190>) as a favorite as it will be the portal for all things ATP – including this year's aircrew

training-enhanced scenarios. Our [quick-start guide](#) shows how to navigate the site, summarizes our new digital ATM concept, and provides instructions for downloading ATP documents.

More Information:
<https://www.us.army.mil/suite/page/691190>

Airfield Management Element

The ARI adds an Airfield Management Element (AME) to the CAB headquarters S-3 Sections in order to maintain and coordinate essential airfield services necessary to support flight operations. These services include weather support, firefighting capabilities, airfield lighting, cargo handling, navigational aids, and a myriad of other functions. Unlike the U.S. Air Force, the Army does not have military occupational specialties for airfield management but does recognize the need to train those who will serve in these critical positions. In lieu of published doctrine, the DOTD, in coordination with the Air Traffic Services Command, developed a series of resources to assist with the training and supervision of these new positions. These resources may found under the DOTD portal in AKO. The resources include U.S. Army Installation Management Command Training Packages, instructions for registering for the Contingency Airfield Management Course, and a series of checklists and references to assist personnel within the AME. Please share this information (particularly with your S-3, executive officers, and aviation safety officers) and send any feedback to the DOTD mailbox (usarmy.rucker.avncoe.mbx.dotd-inquiry@mail.mil) so that we may improve these training products.

More Information:
<https://www.us.army.mil/suite/files/43315724>

ACRONYMS

AGO - air-ground operations
AME - airfield management element
ARI - aviation restructure initiative
ATM - aircrew training manual
ATP - aircrew training program
CAB - combat aviation brigade
CMP - course management plan

DOTD - directorate of training and doctrine
DTS - doctrine and training supplement
FTB - flight training branch
MUM-T - manned-unmanned teaming
TSP - training support package
UAS - unmanned aircraft systems

