



# ARMY AVIATION INFORMATION BULLETIN



Issue 3-2015

August 2015

## In This Issue

Combat Aviation Gunnery and the Aviation Master Gunner Course

Aircraft Survivability Equipment Symposium

Aviation Doctrine Update  
August 2015

## KEY PERSONNEL

### Directorate of Training and Doctrine

**Director:** COL Robert T. Ault  
[usarmy.rucker.avncoe.mbx.dotd-inquiry@mail.mil](mailto:usarmy.rucker.avncoe.mbx.dotd-inquiry@mail.mil)

### Doctrine Division

**Chief:** LTC Richard R. Coyle  
<https://www.us.army.mil/suite/page/389908>

### Gunnery Branch

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

### Aviation Mission Survivability Branch

<https://www.us.army.mil/suite/page/656345>

### Lessons Learned Integration Branch

<https://www.us.army.mil/suite/page/667882>

### Aircraft Survivability Development & Tactics Branch

<https://www.us.army.mil/suite/page/664976>

### Doctrine Branch

<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 Gunnery and the Aviation Master Gunner Course

The Army Aviation Gunnery Branch has received a number of requests to accept door gunner nonrated crewmember instructors (FI) and standardization instructors (SI) and unmanned aircraft system (UAS) instructor/operators (I/O) and standardization operators (SO) into the Aviation Master Gunner Course (AMGC). There are administrative issues that currently restrict these individuals from attending the AMGC. The Gunnery Branch recognizes the need for FI/SI and UAS I/O to receive proper training on gunnery program management, operations, and evaluation techniques and is aggressively pursuing the necessary changes to permit these critical personnel to receive this training.

As an interim solution to ensure the operators at the unit level are better prepared to execute training events and combat operations, the Gunnery Branch is developing an online distance learning course for the N1 (Standardization Skill Identifier) candidates to teach basic gunnery program management principles and techniques.

The unit IO/SO standardization team is responsible for establishing the UAS standardization guidelines. Until recently, Fort Huachuca's UAS Program of Instruction (POI) did not include gunnery instruction. Gunnery Branch has sent gunnery and UAS subject matter experts to Fort Huachuca to train UAS instructors on proper gunnery techniques and methods of gunnery instruction and evaluation. Students now receive continual gunnery training throughout the POI which incorporates autonomous and remote gunnery techniques and procedures. Gunnery Branch is currently developing an interim proposal to inject gunnery program management and evaluation techniques distant learning to be implemented in to the IO/SO course similar to that for door gunnery.

Please contact any member of the Army Aviation Gunnery Branch team on Army Knowledge Online at <https://www.us.army.mil/suite/page/471181> with any questions or comments pertaining to this initiative.

## Aircraft Survivability Equipment Symposium

The Army Aviation Association of America (AAAA) sponsored Aircraft Survivability Professional Forum will be held in Huntsville, Alabama from 16-17 November 2015 with a day of classified briefings held on Redstone Arsenal on 17 Nov. Started in 1983, the symposium has proven to be a critical asset to our warfighters by directly addressing Department of Defense (DoD) mission priorities by providing an in-depth view of the current and future capabilities of aircraft survivability equipment (ASE); Program Executive Office (PEO) Aviation and PEO Intelligence, Electronic Warfare, and Sensors leadership viewpoints on ASE; tactics, techniques, and procedures; lessons learned; as well as the technology used in the support of aviation mission survivability officers (AMSO). Further, this is the only forum that provides a venue for cross talk with other AMSOs, Aviation leaders, industry, Special Operations Aviation, and other ASE stakeholders.

This event presents a unique opportunity for AMSOs across Army Aviation to interact with senior intelligence and materiel solutions providers. The symposium provides a new perspective on advancements in aircraft survivability. The AAAA provides direct support to the events listed on their website ([www.quad-a.org](http://www.quad-a.org)) and provides indirect support to a second day of scheduled classified topics open only to DoD personnel. The second day agenda is not released on the AAAA website. The classified portion integrates AMSOs with senior Defense Intelligence Agency (DIA) personnel responsible for the analysis of surface to air threats. Attending AMSOs will be



## 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](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>

able to view display equipment, receive up to date threat information, and interact with senior AMSOs from the Active, Reserve, and National Guard components.

This event is recognized at the Department of the Army level with final approval on the authorized level of participation pending. The training opportunities presented during this event cannot be duplicated at any other location due to the material presented and capabilities of DIA facilities. There is funding available to AMS officers for some travel related costs outside of unit funds. The Army Reprogramming Analysis Team Information Message 2015-06-29 located on Army Knowledge Online at <https://www.us.army.mil/suite/doc/45117634> provides additional funding information.

### Aviation Doctrine Update, August 2015

FM 3-04, Army Aviation, the capstone manual of our branch's Doctrine 2015 Initiative, was made available on the Army Publishing Directorate website (<http://www.apd.army.mil>) on 29 July 2015. With its publication, Field Manual (FM) 3-04 sets the conditions for Army Aviation operations through the implementation of the Aviation Restructure Initiative and beyond. The manual will replace FM 1-100, Army Aviation Operations (FEB 1997), and FM 3-04.111, Aviation Brigades (DEC 2007).

FM 3-04 provides the context for employing and integrating Army Aviation into unified land operations, and provides a foundation for subordinate training doctrine, professional military education, leader development, and individual and collective training. New terms introduced include air-ground operations (AGO) and manned unmanned teaming (MUM-T). Army Aviation integrates into unified land operations by conducting AGO as the aviation maneuver force of the combined

arms team, while MUM-T is the integrated maneuver of Army Aviation rotary wing and UAS to conduct movement to contact, attack, reconnaissance, and security tasks.

Another key component of FM 3-04 is the introduction of the seven core competencies of Army Aviation. These include: provide accurate and timely information collection; provide reaction time and maneuver space; destroy, defeat, disrupt, divert, or delay enemy forces; air assault ground maneuver forces; air movement of personnel, equipment, and supplies; evacuate wounded or recover isolated personnel; and enable mission command over extended ranges and complex terrain. These core competencies reflect Army Aviation's inherent mobility, speed, range, flexibility, lethality, precision, and persistent reconnaissance capabilities, and are what Army Aviation provides the combined arms team when conducting decisive action operations.

Finally, FM 3-04 rethinks how Army Aviation conducts attacks. We conduct attacks against enemy forces in close contact with friendly ground maneuver forces, and we conduct attacks against enemy forces out of contact with friendly ground maneuver forces. These attacks may be hasty or deliberate, depending on the level and detail of planning, integration, and synchronization with the supported ground maneuver force headquarters.

FM 3-04 sets the conditions for Army Aviation training and doctrine through the culmination of ARI. The next scheduled revision for FM 3-04 is slated for January 2017. The Directorate of Training and Doctrine's Doctrine Branch Chief may be contacted via email at [usarmy.rucker.avncoe.mbx.doctrine-branch@mail.mil](mailto:usarmy.rucker.avncoe.mbx.doctrine-branch@mail.mil), or DSN 312-558-3551. Please send comments and/or recommendations for change via a DA 2028 to this address, or call for further coordination.

### ACRONYMS

AAAA - Army Aviation Association of America	FM - field manual
AGO - air-ground operations	I/O - instructors/operators
AMGC - Aviation Master Gunner Course	MUM-T - manned unmanned teaming
AMSO - aviation mission survivability officer	POI - Program of Instruction
ASE - aircraft survivability equipment	PEO - Program Executive Office
DIA - Defense Intelligence Agency	SI - standardization instructors
DoD - Department of Defense	SO - standardization operators
FI - flight instructors	UAS - unmanned aircraft systems

