

**BY ORDER OF THE COMMANDER
AIR EDUCATION AND TRAINING
COMMAND**

AF INSTRUCTION 11-209

AIR EDUCATION AND TRAINING COMMAND



Supplement 1

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Flying Operations

AIR FORCE AERIAL EVENTS

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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AFI 11-209, 25 August 2003, is supplemented as follows:

This supplement applies to all Air Education Training Command (AETC) units participating in any aerial events as described in AFI 11-209, *Air Force Aerial Events*; AFI 35-101, *Public Affairs Policies and Procedures*; and AFI 34-242, *Mortuary Affairs Program*. This supplement does not apply to Air National Guard (ANG) or Air Force Reserve Command (AFRC) units and members. (**EXCEPTION:** This supplement does, however, apply to ANG and AFRC personnel when flying AETC aircraft.) AETC units may submit suggested improvements to this supplement via AF IMT 847, **Recommendation for Change of Publication**, through standardization and evaluation (stan/eval) channels, to HQ AETC/DOF, 1 F Street, Suite 2, Randolph AFB TX 78150-4325.

Units may supplement this instruction according to guidance contained in AFI 33-360, Volume 1, *Air Force Content Management Program—Publications*, and its AETC Supplement; however, unit supplements will not duplicate or be less restrictive than the basic AFI or this supplement. Units must have prior approval from HQ AETC/DOF on all unit supplements before publishing. Post approved unit supplements behind the basic AFI and AETC Supplement 1.

Ensure all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 37-123, *Management of Records*, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS) (available at <https://webrims.amc.af.mil>).

NOTES:

1. For the 336th Training Group (336 TRG), the operations group commander (OG/CC) and wing commander (WG/CC) both refer to the 336 TRG/CC. For the 81st Training Group (81 TRG) and 81st Training Wing (81 TRW), OG/CC and WG/CC refer to the 81 TRG/CC and 81 TRW/CC, respectively. For the 479th Fighter Training Group (479 FTG), OG/CC, and WG/CC both refer to the 479 FTG/CC.

2. Any reference to the word “unit” refers to the highest level of authority within a flying wing or group.

SUMMARY OF REVISIONS

This supplement is substantially revised and must be reviewed in its entirety.

It is also renumbered to coincide with the basic AFI. This revision provides specific guidance for show-line waivers (paragraph 1.2.7.1); updates leadtime for higher headquarters (HHQ) package approval (Table 2.1 [Added][AETC]); adds dissimilar formation procedures (paragraphs 2.4.6.1.4 and 2.4.6.3); addresses MMF practice sortie procedures (paragraph 3.3.4 [Added][AETC]); adds approval requirements for other on base military events (paragraph 3.5); provides practice sortie procedures for aerial reviews (paragraph 3.6.6.4 [Added][AETC]); adds guidance for civilian participation (paragraphs 3.6.7 [Added][AETC], 3.7.5 [Added][AETC], and 3.16.4 [Added][AETC]); addresses parachute demonstration team participation (paragraph 3.7.5 [Added][AETC]); adds guidance for off base patriotic observances (paragraph 3.8); includes additional CAPEX instruction (paragraph 3.13 [Added][AETC]); provides additional T-6 demonstration team instructions (paragraph 3.14 [Added][AETC]); includes procedures for SAR training static and demonstrations (paragraph 3.15 [Added][AETC]); addresses approval authority requirements for Tattoos (paragraph 3.16 [Added][AETC]); adds events that require AETC Form 63 requirement (paragraph 4.6.7.5 [Added][AETC]); adds passenger restriction (paragraph 4.8 [Added][AETC]); provides force protection at all civilian events (paragraph 5.1); and, adds photo shot requirements (Table A2.1 [Added][AETC] and Table A3.1 [Added][AETC]).

1.1.2. See Table A2.1 (Added)(AETC), Table A3.1 (Added)(AETC), and Table A5.1 (Added)(AETC) for the level of event and participation approval for each aerial event. **NOTE:** The information in these tables is in addition to the guidance provided in Figure A2.1 and Figure A3.1 of the basic publication.

1.1.4. (Added)(AETC) An aerial event is any flyover, static display, airdrop, weapons demonstration or any event performed for other than student or permanent party training, airlift, or orientation flights by AETC aircraft or personnel in support of military events, public events, or community relations programs. Since aerial events come under the scrutiny of the public, senior officers, and international military and civilian dignitaries; one aircraft or crew can significantly affect the AETC image. Commanders must ensure safety, personnel presentation, aircraft security, and mishap prevention along with sound and logical use of their assigned assets during their units' participation in aerial events. The overall success of AETC aerial event support requires teamwork, communication, and coordination among Headquarters United States Air Force (HQ USAF); Secretary of the Air Force, Public Affairs, Chief, Public Communications (SAF/PAN); HQ AETC; 19 AF, and each AETC flying unit.

1.2.3. If ceiling and visibility are below the minimums, the mission commander (MC) or pilot in command (PIC) will cancel participation. (**EXCEPTION:** Missing man formations (MMF) using a four-ship pullup formation, require a minimum of a 5,000-foot ceiling and a 5-mile visibility.) These requirements will not be waived to lower the minimums; however, commanders, MCs, and PICs may specify higher minimums at any time.

1.2.4.1. All flyovers, aerial reviews, or tattoos performed by AETC aircraft during any aerial event are considered flights over a congested area. **EXCEPTION:** AETC-assigned helicopters may perform flyovers at 500 feet above ground level (AGL) above the highest obstacle within 2,000 feet of the aircraft.

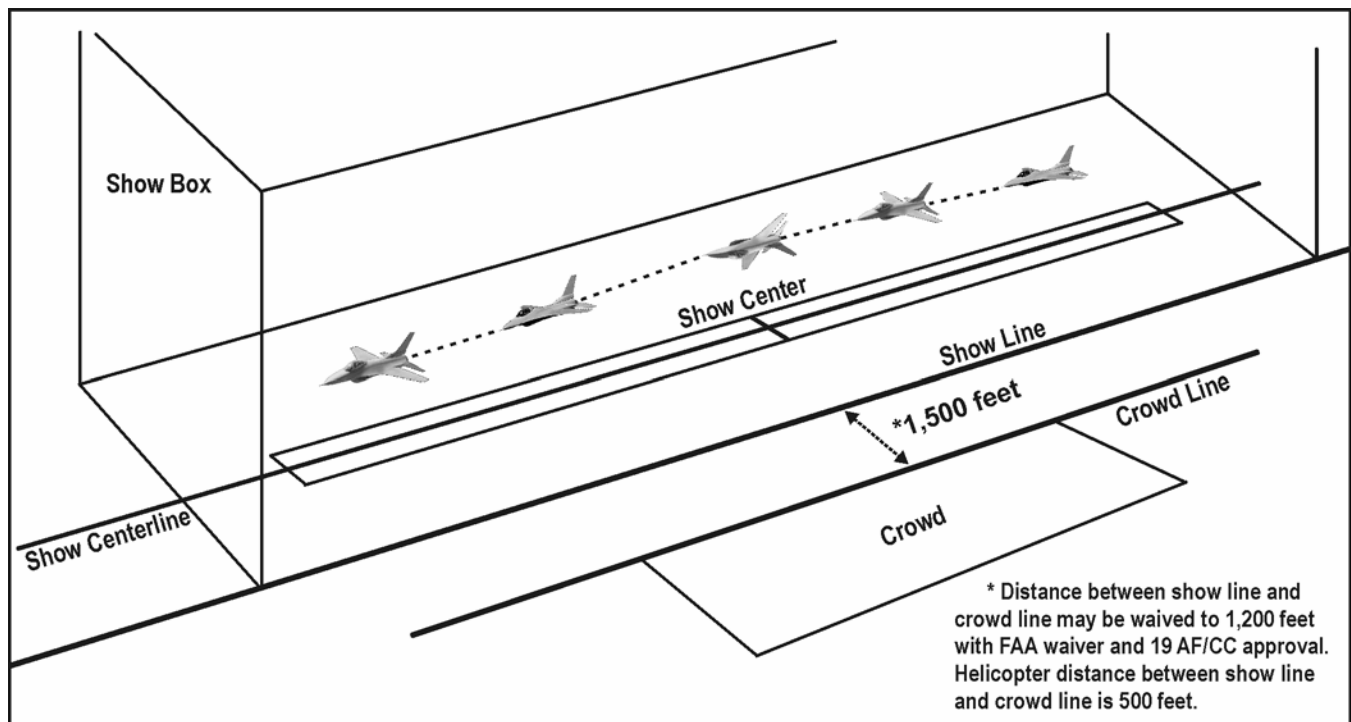
1.2.4.3.1. The 19 AF/CC may approve lower altitudes for fixed-wing aircraft (down to 500 feet AGL) if the MC or PIC obtains appropriate Federal Aviation Administration (FAA) waivers and approvals. (**EXCEPTION:** Altitude waivers will not be given for flyovers at locations where known high concentrations of birds exist [for example, over large bodies of water or near migratory bird routes]. Fly

all AETC aircraft at 1,000 AGL at these locations.) The MC or PIC informs the Current Operations Division (19 AF/DOO) of all flyover altitudes.

1.2.5. When units are flying afterburner-equipped aircraft, avoid using afterburners unless required for safety of flight or for MMF pullups. Units must use AETC IMT 63, **Aerial Event/Waiver Approval Request**, and AETC IMT 65, **Aerial Event Plan of Execution**, to request approval from 19 AF/CC for any other planned use of afterburners.

1.2.7.1. Show-lines waiver requires FAA Form 7711-1, **Certificate of Waiver or Authorization**, and 19 AF/CC approval. See Figure 1.1 (Added)(AETC) for a show and crowd line diagram. (**EXCEPTION:** AETC T-6 Aerial Demonstration Teams see AFI 11-246, Volume 2, *Air Force Aircraft Demonstration (T-6)*, for show line guidance.)

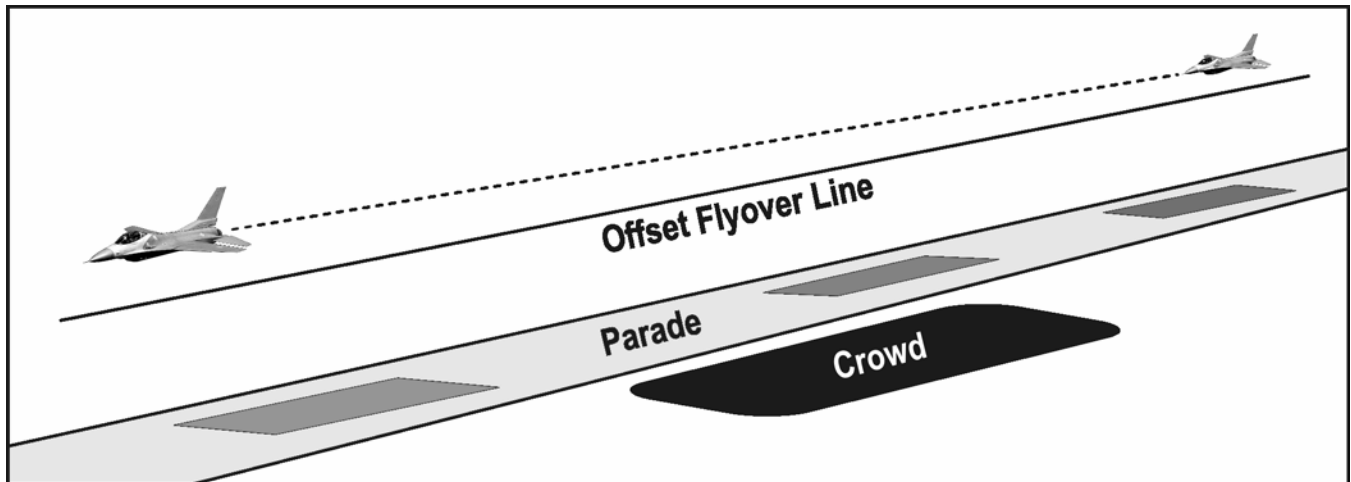
Figure 1.1. (Added)(AETC) Show and Crowd Lines During Aerial Demonstrations.



1.2.7.2. (Added)(AETC) Do not perform personnel or equipment drops if the flightpath of the airdrop aircraft is over or behind spectator stands or congested areas near the drop zone. (**EXCEPTION:** High altitude low opening [HALO] parachutist airdrops.) If the release point or flightpath of the airdrop aircraft is within 100 yards of the viewing stands, cancel the airdrop or adjust the point of impact.

1.2.8. (Added)(AETC) **Other Flyovers.** All other flyovers performed at nonairshow or open house events should not be flown directly over large crowds of people. The MC or PIC should offset the flyover track over the crowd whenever possible while maintaining horizontal separation of all obstacles. See Figure 1.2 (Added)(AETC) for further guidance.

Figure 1.2. (Added) (AETC) Show Areas for Offset Flyovers.



1.4. (Added)(AETC) Flyover Profiles:

1.4.1. (Added)(AETC) Do not fly MMF at any time without proper HHQ approval.

1.4.2. (Added)(AETC) The 19 AF/CC's approval is required for multiple passes at any aerial event. (**EXCEPTIONS:** AETC/CC's approval is required for multiple passes at the United States Air Force Academy (USAFA). Multiple passes are not authorized for patriotic holiday flyovers.)

1.4.2.1. (Added)(AETC) Profile 1 is a single high-speed pass (not to exceed FAA airspeed limits) at approved altitudes (see note).

1.4.2.2. (Added)(AETC) Profile 2 is a traffic pattern speed with gear either up or down at approved altitudes (see note).

1.4.2.3. (Added)(AETC) Repositioning maneuvers between passes will be normal traffic pattern procedures, not to include closed-pattern maneuvers.

1.4.2.4. (Added)(AETC) The MC or PIC will decide the appropriate profile to fly and brief accordingly.

1.4.2.5. (Added (AETC) AETC aircraft will not perform aerobatic maneuvers or aerial demonstrations during a flyover.

NOTE: See paragraphs 1.2.3, 1.2.4.1, 1.2.4.3.1, 1.2.5, 2.4.1.2.7 (Added)(AETC), and 3.3.3 (Added)(AETC) of this supplement for additional restrictions.

2.1. General Approval Process. See Table A2.1 (Added)(AETC), Table A3.1 (Added)(AETC), and Table A5.1 (Added)(AETC) for the level of event and participation approval for each aerial event.

NOTE: The information in these charts is in addition to guidance provided in Figure A2.1 and Figure A3.1 in the basic publication.

2.2. CONUS, Canada, and Mexico Event Approval (Eligibility Determination). All event points of contact (POC) for on-base or off-base aerial events must send a completed DD Form 2535, **Request for Military Aerial Support**, to SAF/PAN, Public Affairs (HQ AETC/PA), 19 AF/DOO, or the wing PA depending on event approval level. DD Form 2535 is not required for funeral, memorial for a person, or unit-hosted memorial service (UHMS) flyovers. See Table A2.1 (Added)(AETC), Table A3.1 (Added)(AETC), Table A5.1 (Added)(AETC), and paragraph 2.4.1.2 of the basic publication for further guidance. **NOTE:** Ensure the FAA completes Section IV of DD Form 2535 if there is any flying at the event.

2.2.1. Units must submit an e-mail request to 19 AF/DOO to participate in most aerial events. (See Table A2.1 [Added][AETC], Table A3.1 [Added][AETC], and Table A5.1 [Added][AETC] for further guidance.) 19 AF/DOO will return a slot confirmation to the unit. The event POC has final authority on which unit and aircraft will support their respective events. Units will not use the SAF/PAN Web site links to sign up for an aerial event until 19 AF/DOO has sent the slot confirmation.

2.2.1.1. This includes airshows and aerial events. The following guidance applies:

2.2.1.1.1. (Added)(AETC) AETC units are encouraged to plan for an annual airshow. Early decisions on dates will ensure the best chances of procuring demonstration teams. **NOTE:** Refer to AFI 35-101 and AFI 10-1001, *Civil Aircraft Landing Permits*, for procedures on requesting the Air Force Thunderbirds, Navy Blue Angels, Army Golden Knights, Canadian Snowbirds, AETC T-6 demonstration team, and civilian aircraft support.

2.2.1.1.2. (Added)(AETC) Units submit a DD Form 2535 for all aviation support requests from the military service demonstration teams to HQ AETC/PA by 1 July for the following year's events. HQ AETC/PA will forward the request to SAF/PAN for approval.

2.2.1.1.3. (Added)(AETC) Units request other airshow support by message, e-mail, or facsimile to 19 AF/DOO and HQ AETC/PAC not later than (NLT) 45 days before the event. Coordinate with the wing public affairs office and 19 AF/DOO throughout all stages of open house planning and execution.

2.2.1.1.4. (Added)(AETC) HQ AETC/PA informs SAF/PAN and 19 AF/DOO of all approved AETC events to include date of the event; event title or theme; event POC, to include telephone number and e-mail; location; runway length; and crowd size.

2.2.1.1.5. (Added)(AETC) AETC units should support other AETC units' air shows to the maximum extent possible.

2.2.1.1.6. (Added)(AETC) The Directorate of Operations (HQ AETC/DO) is the approval authority for civilian fly-ins and civil aerial demonstrations at AETC bases. Unit commanders ensure all hold-harmless agreements are processed by the unit judge advocate (JA) prior to the event. AETC airshow events POCs submit civil fly-in requests through the Airfield Operations Branch (HQ AETC/DOYF) to HQ AETC/DO according to AFI 10-1001. Event POCs will submit civil aerial demonstration requests through HQ AETC/PA according to AFI 35-101.

2.2.1.1.7. (Added)(AETC) The event POC will forward a schedule of planned events to 19 AF/DOO and HQ AETC/PA NLT 14 days before an AETC airshow or open house.

2.4. Participation Approval. Units must submit an e-mail request to 19 AF/DOO to participate in most aerial events. (See Table A2.1 [Added][AETC], Table A3.1 [Added][AETC], and Table A5.1 [Added][AETC] for further guidance.) 19 AF/DOO will return a slot confirmation to the unit. The event POC has final authority on which unit and aircraft will support their respective events. Units will not use the SAF/PAN Web site links to sign up for an aerial event until 19 AF/DOO has sent the slot confirmation.

2.4.1.1. See Attachment 1 of the basic publication, for the definition of a static display. Students in undergraduate or graduate training will not be posted on any static display aircraft.

2.4.1.2. FAA flyover waivers require the event POC to submit FAA Form 7711-2, **Application for Certificate of Waiver or Authorization**, for approval. Waiver approval will then be provided on FAA Form 7711-1. (See paragraphs 2.6.1 through 2.6.3 [Added][AETC], 3.6.4 through 3.6.7 [Added][AETC], 3.7.1 [Added][AETC], 3.7.2 [Added][AETC], and 3.13 [Added][AETC] for further guidance.) Flyovers performed at airshows will follow FAA-applied restrictions for the event as indicated on FAA Form 7711-1. Flyovers using AETC aircraft will not be flown between the official

hours of sunset to sunrise. See paragraph 2.4.6 (Added)(AETC) for dissimilar formation procedures. Use the following guidance for flyover participation:

2.4.1.2.1. (Added)(AETC) Immediately after receiving 19 AF/DOO event slot confirmation, the MC or PIC will coordinate flyover specifics with the event POC.

2.4.1.2.2. (Added)(AETC) Wing commanders will institute procedures to ensure all flyovers are adequately planned and briefed.

2.4.1.2.3. (Added)(AETC) Only formation current and qualified pilots will fly in formations. **NOTE:** If applicable, submit waiver or ETP with proper justification and an AETC IMT 63 through 19 AF/DOO to HQ AETC/DO at least 21 days prior to the event.

2.4.1.2.4. (Added)(AETC) Do not perform any flyover as part of student training missions or with students on board. Passengers are allowed on nonejection seat aircraft according to AFI 11-2 mission design series (MDS)-specific instructions, AFI 11-401, *Aviation Management*, and AFI 11-401/AETC Sup 1. Passengers will not occupy a seat at a set of controls during a flyover. See paragraph 4.7 (Added)(AETC) for further guidance.

2.4.1.2.5. (Added)(AETC) Flyovers at any patriotic holiday, sporting event, funeral, or memorial will be limited to one unit, consisting of one to four aircraft, making a single pass. **EXCEPTION:** For aerial review, see paragraphs 3.6.4 (Added)(AETC) and 3.6.5 (Added)(AETC); for USAFA flyover procedures, see paragraphs 3.9.1 (Added)(AETC) and 3.9.2 (Added)(AETC).

2.4.1.2.6. (Added)(AETC) Units must use AETC IMT 65 for all events requiring HHQ approval and route through 19 AF/DOO according to Table 2.1 (Added)(AETC).

Table 2.1. (Added)(AETC) Leadtimes for HHQ Package Approval.

I T E M	A Event (Note 1)	B IMT/Form, E-mail, Memo Use	C Approval Authority	D Packages Due to 19 AF/DOO
I. Exception to Policy (ETP) Requests				
1	Funeral flyover for members not authorized	E-mail	Vice Commander (HQ USAF/CV)	ASAP
2	Retirement ceremony for members not authorized	AETC IMT 63 and AETC IMT 65		NLT 45 days prior to event
3	Change of command ceremony for members not authorized			
4	Off-base memorial flyovers for a person	E-mail	Operations and Training (HQ USAF/XOO)	ASAP
5	Waiver for formation qualified pilots	AETC IMT 63 and AETC IMT 65	HQ AETC/DO	NLT 21 days prior to event
II. Event Approvals				
6	Nonaviation-related events	DD Form 2535 (note 2)	HQ USAF/XOO through SAF/PAN	NLT 45 days prior to event
7	Aerial review or tattoo with other MAJCOMs or other service aircraft	AETC IMT 63 and AETC IMT 65	HQ USAF/XOO	

I T E M	A Event (Note 1)	B IMT/Form, E-mail, Memo Use	C Approval Authority	D Packages Due to 19 AF/DOO
8	Airshows	DD Form 2535 (note 2)	SAF/PAN	
9	Patriotic holiday events		HQ AETC/PA	NLT 30 days prior to event
10	Nonaviation-related static displays			
11	Memorial and statue or monument dedication for other than a specific			
12	Onbase static displays, no flying			
13	Other than home station graduation, retreats, parade flyovers not otherwise covered in Table A2.1 (Added)(AETC) and Table A3.1 (Added)(AETC)		HQ AETC/PA, or SAF/PAN, or owning MAJCOM	
14	Open house airshows	HQ AETC/PA	At least a year prior	
15	Photo shoot	AETC IMT 63 and AETC IMT 65	19 AF/CC	NLT 14 days prior to event
III. Participation Approvals (See Event Approval First)				
16	MMF use off base	AETC IMT 63 and AETC IMT 65	USAF/XOO	
17	USAFA flyovers, multiple passes	AETC IMT 65	AETC/CC	NLT 21 days prior to event
18	USAFA flyovers, more than four aircraft			
19	Retirement ceremony			
20	Change of command ceremony	AETC IMT 63 and AETC IMT 65		
21	MMF use on base outside MAJCOM (Forward approval to 19 AF/DOO prior to event)	E-mail	Owning MAJCOM or Service	According to unit instructions
22	Aerial demonstrations with AETC parachutists	AETC IMT 63 and AETC IMT 65	19 AF/CC	NLT 14 days prior to event
23	Onbase memorial flyovers	AETC IMT 65		ASAP
24	UHMS flyovers			
25	USAFA flyovers			
26	Patriotic Holiday, off base (after event approval)	AETC IMT 63 and AETC IMT 65		
27	Memorial and statue or monument dedication for other than a specific person	DD Form 2535		
28	MMF on base within MAJCOM	AETC IMT 65		
29	OCONUS static display and flyovers			

I T E M	A	B	C	D
	Event (Note 1)	IMT/Form, E-mail, Memo Use	Approval Authority	Packages Due to 19 AF/DOO
30	Second static aircraft at an event	AETC IMT 65 and POC request memo		
31	Aerial review and tattoo with AETC assets	AETC IMT 65		
32	Aerial demonstrations	AETC IMT 63 and		
33	SAR demonstrations	AETC IMT 65		
34	Spectator area show-line reduction	AETC IMT 65 and FAA approval		
35	Use of AETC as a jump platform	AETC IMT 63 and AETC IMT 65		
36	Onhome station graduation, retreats, parades, and flyovers not otherwise covered in Table A2.1 (Added)(AETC) and Table A3.1 (Added)(AETC)	note 2		
IV. Other Approvals				
37	Off home station aerial demonstration practice sorties	AETC IMT 63 and AETC IMT 65	19 AF/CC	NLT 14 days prior to event
38	Flyover waivers (afterburner, etc.)			
39	Multiple passes (except USAFA)			
40	Dissimilar formations, on base and off base			
41	Passengers on board during an aerial event	AETC IMT 65	HQ AETC/DO	NLT 21 days prior to event

NOTES:

1. The wing commander submits a justification memorandum for a late request.
2. May still require AETC IMT 63 and AETC IMT 65 for participation approval (see Table A2.1 (Added)(AETC) and Table A3.1 [Added][AETC]).

2.4.1.2.7. (Added)(AETC) Multiple passes require HHQ approval and are limited to two passes of either Profile 1 or 2 (paragraphs 1.4.2 [Added][AETC] through 1.4.2.5 [Added][AETC]) or a combination thereof during airshows and open house events.

2.4.3. (Added)(AETC) **Canceling Support for Events:**

2.4.3.1. (Added)(AETC) Units must ensure every effort is made to support scheduled events in which there is a commitment. If canceling support 20 days prior to an event, 19 AF/DO must approve the cancellation.

2.4.3.2. (Added)(AETC) If support for an event must be cancelled within the 20-day period, the unit must send an e-mail to 19 AF/DOO explaining the reason for cancellation along with the concurrence of the OG/CC. Reasons for cancellation must be compelling. Reasons such as loss of volunteer pilot, inconvenience, ahead of flying hour program, or behind on PFT will not be approved.

2.4.4. (Added)(AETC) **HHQ Events:**

2.4.4.1. (Added)(AETC) If HQ AETC requests a unit to perform at a specific event, HQ AETC/DOF notifies 19 AF/DO, who sends an e-mail or message to the requested unit's leadership. See Table A2.1 (Added)(AETC), Table A3.1 (Added)(AETC), or Table A5.1 (Added)(AETC) as applicable, for the event approval authority. Units must send an AETC IMT 63 to HQ AETC/DOFV and 19 AF/DOO when requested. **EXCEPTION:** AETC IMT 63 is not required for funeral or memorial services for a person or basic military training (BMT) flyovers.

2.4.4.2. (Added)(AETC) If 19 AF tasks a unit to perform at a specific event, 19 AF/DO sends an e-mail or message to the tasked unit's leadership. See Table A2.1 (Added)(AETC), Table A3.1 (Added)(AETC), or Table A5.1 (Added)(AETC), as applicable for event approval authority. Units must send an AETC IMT 63 to HQ AETC/DOFV and 19 AF/DOO when requested. **EXCEPTION:** AETC IMT 63 is not required for funeral and memorial services or BMT flyovers.

2.4.4.3. (Added)(AETC) The Current Operations Division (19 AF/DOO) tasks BMT graduation flyovers and ensures flyovers are equitably distributed between all AETC flying units. Units may exchange a BMT flyover date with another unit. Units will submit a message or e-mail with any exchanges to 19 AF/DOO. The MC or PIC must coordinate with the BMT event POC before performing the event.

2.4.5. (Added)(AETC) **Second Aircraft Static Displays and Flyovers:**

2.4.5.1. (Added)(AETC) Units may send multiple aircraft of the same type to the same event without HHQ approval (precoordination is required, however, with 19 AF/DOO) if:

2.4.5.1.1. (Added)(AETC) Only one aircraft is on display and the others are parked away from public viewing. Units should check with the event POC prior to departure to ensure this can be accomplished.

2.4.5.1.2. (Added)(AETC) One aircraft of the same type is on static display and the other is a flyover aircraft.

2.4.5.1.3. (Added)(AETC) The aircraft are to be displayed on different days.

2.4.5.1.4. (Added)(AETC) A formation is one to four aircraft from the same unit taking part in a flyover, aerial review, or tattoo. A second unit may not send the same type of aircraft to perform any flyover event if another unit is already performing. **NOTE:** Flyovers at any patriotic holiday, sporting event, funeral, or memorial are limited to only one unit with one to four aircraft.

2.4.5.1.5. (Added)(AETC) The aircraft are different models of the same airframe. For example:

2.4.5.1.5.1. (Added)(AETC) F-15C, F-15D.

2.4.5.1.5.2. (Added)(AETC) F-16C, F-16D.

2.4.5.1.5.3. (Added)(AETC) T-38A, T-38C, AT-38B.

2.4.5.1.5.4. (Added)(AETC) C-130E, C-130J, HC-130H, MC-130H, MC-130P.

2.4.5.2. (Added)(AETC) When a second aircraft of the same type is planned for an event that does not meet the criteria listed in paragraphs 2.4.5.1.1 (Added)(AETC) through 2.4.5.1.5.4 (Added)(AETC), 19 AF/CC approval is required. Units must submit a second aircraft request to 19 AF/CC, using the following guidelines:

2.4.5.2.1. (Added)(AETC) The MC or PIC must ensure there are no other events (static or flyover) during the same time period that could benefit from an AETC aircraft.

2.4.5.2.2. (Added)(AETC) The event must have a projected crowd size of at least 200,000 attendees for each day of the event.

2.4.5.2.3. (Added)(AETC) The event POC must submit a memorandum to the unit requesting a second event aircraft because of the projected crowd size.

2.4.5.2.4. (Added)(AETC) The unit must submit the request (AETC IMT 65) and the event POC's memorandum of request to 19 AF/DOO for 19 AF/CC approval.

2.4.6. (Added)(AETC) **Dissimilar Formations.** A dissimilar formation involves at least two different types of aircraft flown with the separation listed in AFI 11-209 at any time other than for required syllabus training. See Table A2.1 (Added)(AETC) and Table A3.1 (Added)(AETC) for approval authorities.

2.4.6.1. (Added)(AETC) The MC or PIC must complete and submit the following to 19 AF/DOO:

2.4.6.1.1. (Added)(AETC) AETC IMT 63.

2.4.6.1.2. (Added)(AETC) AETC IMT 65.

2.4.6.1.3. (Added)(AETC) All FAA waivers and or approvals.

2.4.6.1.4. (Added)(AETC) All requests, approvals, and waivers from other services, nations, or MAJCOMs participating in the event in formation with AETC aircraft. OG/CC may approve practice sorties over home station. 19 AF/CC must approve practice sorties flown away from home station locations.

2.4.6.2. (Added)(AETC) At no time will AETC aircraft fly formation sorties or missions with civilian aircraft or aircraft flown by civilians. **EXCEPTION:** Approved heritage flights according to the applicable volume of AFI 11-246.

2.4.6.3. (Added)(AETC) Fly heritage flights according to the applicable volume of AFI 11-246. **EXCEPTION:** AETC will not perform heritage flights if a demonstration or heritage flight team for the specific aircraft exists in another MAJCOM. If heritage flight guidance does not exist, a unique aerial event request made to Operations and Training (HQ USAF/XOO) is required. Units must use AETC IMT 63 and AETC IMT 65 to make a unique aerial request and route through 19 AF/DOO. At no time will passengers be allowed on aircraft participating in a heritage flight. Military members are not allowed to fly on board any civilian aircraft flights (including Warbirds) during any aerial event.

2.5. Exception to Policy Requests. Unless otherwise specified, HQ AETC/DO is the waiver authority for guidance contained in this supplement. Units forward exceptions to policy (ETP) to this supplement through 19 AF/DOO to HQ AETC/DO. Units must use AETC IMT 65 to request all ETPs. 19 AF/DOO will staff AETC IMT 65 accordingly.

2.6.1. (Added)(AETC) If the aerial event (airshow, flyover, demonstration, aerial review) is outside the continental United States (OCONUS), the MC or PIC participating in an aerial event must submit the following information to 19 AF/CC:

2.6.1.1. (Added)(AETC) AETC IMT 65 prior to the event.

2.6.1.2. (Added)(AETC) All OCONUS approach plates, including emergency fields, prior to the event. Units with airfields that do not have compatible radio navigational aids are not required, but are highly recommended to send the approach plates.

2.6.1.3. (Added)(AETC) Documentation on all en route stops, return stops, and remain-overnight locations (on AETC IMT 65).

2.6.1.4. (Added)(AETC) PowerPoint slides for all OCONUS aerial events 10 days prior to the event. See 19AFI 11-207, *Participation in Exercises, Deployments, and Competitions*, for the briefing format. (**NOTE:** Events in Canada do not require slides.)

2.6.2. (Added)(AETC) Students in undergraduate- or graduate-level flying training courses are not allowed on aircraft attending OCONUS events.

2.6.3. (Added)(AETC) Passengers are allowed on aircraft capable of carrying passengers on a space-available status according to DoDD 4500.56, *DoD Policy on the Use of Government Aircraft and Air Travel*; DoD 4515.13-R, *Air Transportation Eligibility*; and AFI 11-2 MDS-specific instructions. **EXCEPTION:** Passengers are not allowed on ejection-seat aircraft.

3.2.1. (Added)(AETC) Funeral or memorial events are performed to honor fallen members of the US Armed Forces and US government officials. 19 AF/DO may task AETC units to perform funeral or memorial event flyovers. See Table A2.1 (Added)(AETC), Table A3.1 (Added)(AETC), and Table A5.1 (Added)(AETC) for further guidance. Funeral and memorial service flyovers must be authorized and coordinated according to guidance in AFI 34-242. The Directorate of Services (HQ AETC/SV) must verify the member's eligibility. Funeral flyovers are only performed at the time of interment. (**NOTE:** National military cemeteries are considered off-base facilities.) See Table A2.1 (Added)(AETC), Table A3.1 (Added)(AETC), and Table A5.1 (Added)(AETC) for guidance on memorial flyovers for other than a specific individual, such as prisoners of war (POW) and missing in action (MIA) recognition.

3.2.2. (Added)(AETC) AETC units may perform a unit-hosted memorial service (UHMS) flyover in memory of a deceased unit member if that member is eligible according to AFI 34-242. The following information applies:

3.2.2.1. (Added)(AETC) HQ AETC/SV must verify the member's eligibility.

3.2.2.2. (Added)(AETC) The member must have been assigned to the unit performing the flyover at the time of death.

3.2.2.3. (Added)(AETC) The flyover must take place over home station within 10 days of death.

3.2.2.4. (Added)(AETC) 19 AF/DOO will notify HQ AETC/DOFV of the flyover specifics.

3.2.2.5. (Added)(AETC) 19 AF/CC is the approval authority for UHMS flyovers.

3.2.2.6. (Added)(AETC) The member's home unit must submit requests on AETC IMT 65.

NOTE: See Table A2.1 (Added)(AETC), Table A3.1 (Added)(AETC), and Table A5.1 (Added)(AETC) for further guidance.

3.2.3. (Added)(AETC) Funeral and or memorial service flyovers for personnel not eligible for a memorial service or funeral flyover require an ETP according to AFI 34-242. After HHQ grants the ETP, 19 AF/DOO solicits volunteers from AETC units. 19 AF/DO may task units to perform these flyovers. See Table A2.1 (Added)(AETC), Table A3.1 (Added)(AETC), and Table A5.1 (Added)(AETC) for further guidance.

3.3.1. (Added)(AETC) See Table A5.1 (Added)(AETC) for MMF approval levels. Use the MMF only at befitting ceremonies, such as a patriotic holiday, Veterans' monument dedication, or POW/MIA remembrance. According to DoDD 5410.18, *Public Affairs Community Relations Policy*, do not fly MMF for opening or closing ceremonies for any event, retirement, change of command, sporting game, and airshow. To request MMF approval, use AETC IMT 65.

3.3.2. (Added)(AETC) The MMF may be performed as a four-ship with a one-ship pullup (Figure 1.1 [Added][AETC]) (afterburner use is only authorized for the pullup aircraft) or as a three-ship phantom formation (Figure 1.2 [Added][AETC]). See paragraphs 1.2.3, 1.2.4.1, 1.2.4.3.1, 1.2.5, 2.4.1.2.7 (Added)(AETC), and 3.3.3 (Added)(AETC) of this supplement for additional guidance.

3.3.3. (Added)(AETC) MMFs in a four-ship pullup formation (Figure 3.1 [Added][AETC]) or a three-

ship phantom formation (Figure 3.2 [Added][AETC]) are considered congested area flyovers and restricted to minimum altitudes listed in paragraph 1.2.4.1, as supplemented.

3.3.4. (Added)(AETC) OG/CC may approve practice MMF sorties over home station. Do not practice MMF sorties off home station or off base.

Figure 3.1. (Added)(AETC) Four-Ship Formation with Pullup.

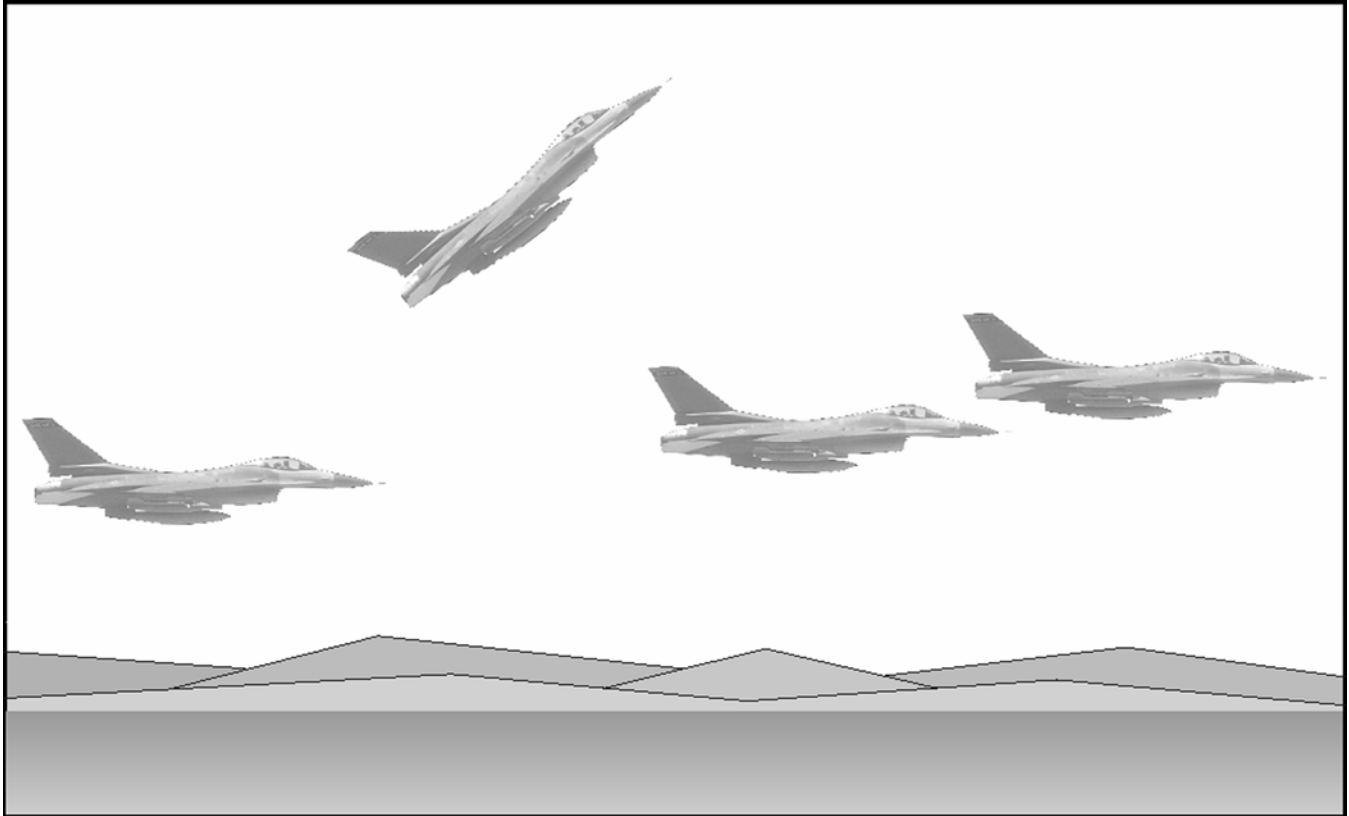
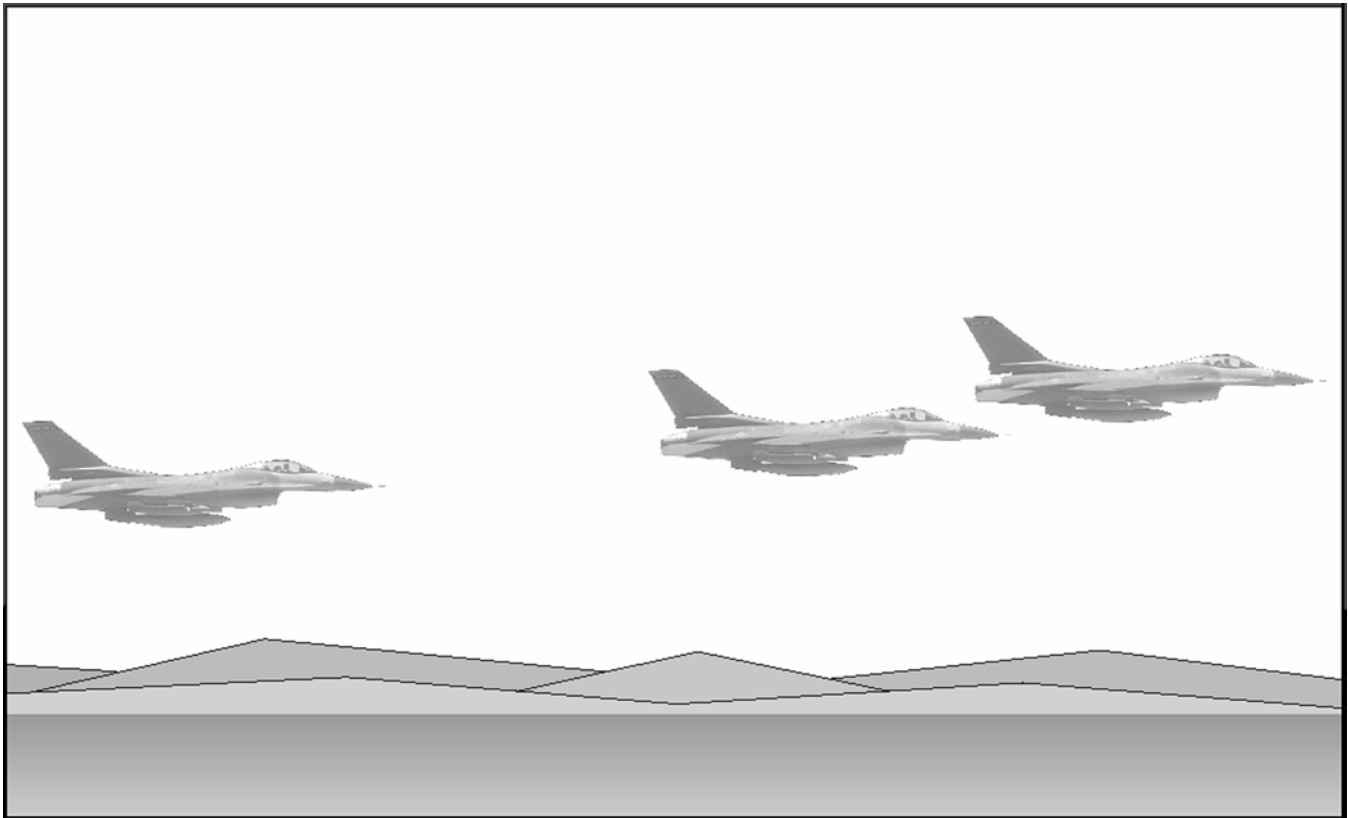


Figure 3.2. (Added)(AETC) MMF Phantom Three-Ship Formation.

3.4. On-base Retirement Ceremonies and On-base Change of Command Ceremonies Event Approval. See Table A2.1 (Added)(AETC) and Table A3.1 (Added)(AETC) for AETC approval authorities.

3.5. Other Approved On-base Military Events. The WG/CC may approve a memorial flyover over home station for deceased members, military or civilian, assigned to the unit's home station. Flights can be performed only over the unit's home station. 19 AF/CC is the approval authority for using MMF. Units must notify 19 AF/DOO when these or other flights are flown under AFI 11-209, paragraph 3.5. See Table A2.1 (Added)(AETC) and Table A3.1 (Added)(AETC) for AETC approval requirements.

3.6.4. (Added)(AETC) An aerial review does not involve precision maneuvers or demonstrations and may be flown as dissimilar formation with the appropriate approval (Table A2.1 [Added][AETC] and Table A3.1 [Added][AETC]).

3.6.5. (Added)(AETC) Aerial reviews using aircraft from other armed forces services or other nations require approval from the owning services or nation, all participating MAJCOM commanders, SAF/PAN, and HQ USAF/XOO. Aerial reviews using only aircraft from AETC require 19 AF/CC approval after appropriate event approval.

3.6.6. (Added)(AETC) The MC or PIC must complete and submit to 19 AF/DOO the following:

3.6.6.1. (Added)(AETC) AETC IMT 63.

3.6.6.2. (Added)(AETC) AETC IMT 65.

3.6.6.3. (Added)(AETC) All FAA waivers and/or approvals.

3.6.6.4. (Added)(AETC) All requests, approvals, and waivers from other services, nations, or

MAJCOMs participating in the event in formation with AETC aircraft. OG/CC may approve practice sorties over home station. 19 AF/CC approves practice sorties flown away from station location.

3.6.7. (Added)(AETC) At no time will AETC aircraft fly formation sorties or missions with civilian aircraft or aircraft flown by civilians. **EXCEPTION:** Fly heritage flights according to the applicable volume of AFI 11-246. AETC will not perform heritage flights if a demonstration or heritage flight team for the specific aircraft exists in another MAJCOM. If heritage flight guidance does not exist, a unique aerial event request for HQ USAF/XOO is required. Units must use AETC IMT 63 and AETC IMT 65 to make this request and route through 19 AF/DOO. 19 AF/DOO submits request to HQ USAF/XOO. At no time will any passengers be allowed on any aircraft taking part in a heritage flight. Military members are not allowed to fly on board any civilian aircraft flights (including Warbirds) during any aerial event. Units must use AETC IMT 63 and AETC IMT 65 and route through 19 AF/DOO.

3.7. Aerial Demonstrations. Units will adhere to the maneuvers authorized in the appropriate volume of AFI 11-246 for the particular aircraft, AFI 11-209, and this supplement. **NOTE:** Refer to paragraphs 3.13 (Added)(AETC), 3.14 (Added)(AETC), and 3.15 (Added)(AETC) for additional guidance.

3.7.1. (Added)(AETC) If an AFI 11-246 volume does not exist for the unit's particular aircraft or for a particular profile to be flown, the unit must submit the new flight profile or a one-time waiver request through 19 AF for AETC/CC approval. AETC aircrews must be certified according to AFI 11-246, Volume 2, or this supplement per paragraph 3.13 (Added)(AETC), as applicable. Upon profile approval and aircrew certification, the unit must submit a briefing and proposed list of events to 19 AF/CC for approval.

3.7.2. (Added)(AETC) Units must submit AETC IMT 63 and AETC IMT 65 for approval by 19 AF/CC for all aerial demonstrations covered by AFI 11-209 and this supplement. Table A2.1 (Added)(AETC), Table A3.1 (Added)(AETC), and Table A5.1 (Added)(AETC) for further guidance.

3.7.3. (Added)(AETC) Only AETC aircraft pilots certified according to AFI 11-246, Volume 2; AFI 11-209; and this supplement will perform aerial demonstrations.

3.7.4. (Added)(AETC) The MC or PIC must complete and submit to 19 AF/DOO the following:

3.7.4.1. (Added)(AETC) AETC IMT 63.

3.7.4.2. (Added)(AETC) AETC IMT 65.

3.7.4.3. (Added)(AETC) All FAA waivers and/or approvals.

3.7.4.4. (Added)(AETC) All requests, approvals, and waivers from other services, nations, or MAJCOMs participating in the event in formation with AETC aircraft.

3.7.5. (Added)(AETC) At no time will AETC aircraft fly formation sorties or missions with civilian aircraft or aircraft flown by civilians. **EXCEPTION:** Fly heritage flights according to the applicable volume of AFI 11-246. AETC will not perform heritage flights if a demonstration or heritage flight team for the specific aircraft exists in another MAJCOM. If heritage flight guidance does not exist, a unique aerial event request for HQ USAF/XOO is required. Units must use AETC IMT 63 and AETC IMT 65 to make this request and route through 19 AF/DOO. 19 AF/DOO submits request to HQ USAF/XOO. At no time are passengers allowed on any aircraft taking part in a heritage flight. Military members are not allowed to fly onboard any civilian aircraft flights (including Warbirds) during any aerial event. Units must use AETC IMT 63 and AETC IMT 65 and route through 19 AF/DOO.

3.7.6. (Added)(AETC) 19 AF/CC is the approval authority for AETC precision parachute demonstration teams or qualified parajumpers to perform parachute jumps or demonstrations at all aerial events. Jumpers from other than AETC units require approval from their MAJCOM and 19 AF/CC to jump

from AETC aircraft. Submit requests to use AETC aircraft as a jump platform to 19 AF/DOO, 45 days prior to the event using AETC IMT 63 and AETC IMT 65. (See AFI 11-410 for additional procedures for jumper demonstrations.)

3.8. Off-Base Patriotic Observances. See basic publication and Table A2.1 (Added)(AETC) and Table A3.1 (Added)(AETC) for approval authority.

3.9.2. (Added)(AETC) AETC may send one to four aircraft (same MDS) from a single unit to perform any flyover at the USAFA. Additional aircraft of the same MDS from different units must be specifically requested by the USAFA POC and require aerial review submittal to 19 AF/DOO.

3.9.3. (Added)(AETC) The MC or PIC must submit all other USAFA flyover requests for approval on separate AETC IMTs 65. See Table 2.1 (Added)(AETC) for further guidance.

3.13. (Added)(AETC) Capabilities Exercise (CAPEX) Pilot and Aircraft Commander Certification Procedures. AETC/CC delegates pilot and aircraft commander certification to wing commanders for CAPEX demonstrations. See AFI 11-246, Volume 6, for the CAPEX demonstration profiles approved by the Air Staff. These include CAPEX demonstration profiles for the C-17, C-130, C-141, C/KC/NKC-135, and UH-1. The following procedures apply for wings that wish to certify CAPEX demonstration pilots and aircraft commanders:

3.13.1. (Added)(AETC) The WG/CC will request approval (through memorandum) from 19 AF/CC. The request includes the pilot's name, MDS, unit, qualifications, and certification plans with AFI 11-246 profiles to be certified and performed.

3.13.2. (Added)(AETC) Upon 19 AF/CC approval, the wing will provide 19 AF/DOO an information copy of the practice and certification flight schedules at least 1 week before beginning the certification process.

3.13.3. (Added)(AETC) The WG/CC certifies the pilots and aircraft commanders through visual observation on the ground and, or in the air. Upon completion of the certification process, the WG/CC notifies AETC/CC through 19 AF/CC and HQ AETC/DO.

3.13.4. (Added)(AETC) The WG/CCs may further restrict the profiles published in AFI 11-246. Approval authority for other aerial events remains according to AFI 11-209 and this supplement. The OG/CC may approve practice sorties over home station. Practice sorties flown at an off-home station location must have 19 AF/CC approval.

3.13.5. (Added)(AETC) When the volume to AFI 11-246 covering CAPEX profiles for the MC-130, MH-53, and HH-60 are published, wings with these aircraft may follow the certification procedures provided in this paragraph.

3.14. (Added)(AETC) AETC T-6 Demonstration Team:

3.14.1. (Added)(AETC) Currently, the only AETC MDS aircraft approved for aerobatic demonstrations is the T-6. AETC/CC is certifying authority for T-6 demonstration pilots.

3.14.2. (Added)(AETC) Demonstrations will follow altitude, airspeed, and weather procedures as per the applicable MDS-specific volume of AFI 11-246, this supplement, and as indicated on FAA Form 7711-1 for the event. OG/CC may approve practice sorties over home station. Practice sorties flown at off-home station locations must have 19 AF/CC approval.

3.14.3. (Added)(AETC) The AETC T-6 demonstration team coordinates with 19 AF/DOO, event POCs, and Headquarters Air Force Recruiting Service (HQ AFRS) for all planned demonstrations according to AFI 11-246, Volume 2. Each fiscal year (FY), the AETC T-6 demonstration team chief submits a briefing and proposed list of events for HHQ approval of the T-6 demonstration team's schedule. Any

changes to the schedule require resubmission. See paragraphs 3.7.1 (Added)(AETC) through 3.7.6 (Added)(AETC) for additional guidance.

3.15. (Added)(AETC) Medical and Search and Rescue (SAR) Training Static and Demonstrations:

3.15.1. (Added)(AETC) AETC SAR units and units with passenger-carrying aircraft may perform medical and SAR static and demonstrations at events for training civilian and military medical and SAR personnel (including Department of Defense [DoD] and non-DoD state and federal government medical and SAR teams). These events are closed to the general public (nonairshows). For SAR demonstrations at all other aerial events refer to paragraph 3.7, the applicable AFI 11-246 volume, and Table A2.1 (Added)(AETC) and Table A3.1 (Added)(AETC) for approval authority. AETC units will notify 19 AF/DOO at least 14 days prior to the event using 19AF IMT 8, **Weekly Aerial Events Report**.

3.15.2. (Added)(AETC) SAR units may perform hoist/stokes demonstrations. SAR units and passenger carrying aircraft units may provide static aircraft for loading and unloading patient training/demonstrations.

3.15.3. (Added)(AETC) Civilian, DoD, and non-AETC military SAR team members may be flown in MEGP status on AETC aircraft during actual SAR missions. The aircraft used must be passenger-carrying capable. Civilian, DoD, and non-AETC military SAR members will not take part in demonstrations; for example, riding in a stokes litter or flying as passengers unless authorized under DoD 4515-13R or AFI 11-401.

3.15.4. (Added)(AETC) OG/CC may approve practice sorties over home station. Practice sorties flown at off-home station require 19 AF/CC approval.

3.15.5. (Added)(AETC) The MC or PIC forwards predeployment briefing slides according to 19AFI 11-207, at least 10 days prior to the event. Send an after-action report according to procedures and guidance in 19AFI 11-207.

4.3. MAJCOM Duties. See paragraph 4.6 (Added)(AETC) for unit duties.

4.3.8. HQ AETC/DO delegates 19 AF/CC as the office of primary responsibility for AETC participation, coordination, tracking, tasking, and after-action reporting of aerial events covered in AFI 11-209 and this supplement. 19 AF/DOO is the initial POC for all aerial events and should be contacted to resolve any aerial event issues not covered in this supplement.

4.3.9. The T-6 aircraft is currently the only AETC aircraft AETC/CC has approved for demonstration profiles involving aerobatic maneuvers. See AFI 11-246, Volume 2, for these procedures and profiles. See paragraphs 3.7.1, 3.13 (Added)(AETC), and 3.14 (Added)(AETC) for further details.

4.3.19. Unless otherwise specified, HQ AETC/DO is the waiver authority for guidance contained in this supplement. Forward any exceptions to policy (ETP) to this supplement through 19 AF/DOO to HQ AETC/DO. Units must use AETC IMT 65, to request all ETPs. 19 AF/DOO will staff AETC IMT 65 accordingly.

4.3.19.1. (Added)(AETC) Send any unique waivers, ETPs, or requests not specifically covered in this publication to 19 AF/DOO for evaluation and processing for higher headquarters (HHQ) approval. See Tables A2.1 (Added)(AETC), Table A3.1 (Added)(AETC), and Table A5.1 (Added)(AETC) for further guidance.

4.3.20. (Added)(AETC) 19 AF/DOO consolidates unit requests for aerial events primarily from the SAF/PAN Web site and MAJCOM PA messages.

4.3.20.1. (Added)(AETC) Normally, 19 AF will not task units to support aerial events with the exception of basic military training (BMT) flyovers and some high profile events. HQ AETC/DO may

task units at any time to support events on an as-needed basis.

4.3.20.2. (Added)(AETC) 19 AF/DOO provides AETC units a list of approved events by date, location, event title, and any other pertinent information. The list indicates which AETC units and aircraft are programmed to support each event. Interested AETC units may support any eligible event not specifically allocated to a particular unit and, or aircraft type with 19 AF/DOO approval. 19 AF/DOO coordinates with volunteering units to deconflict participation of aircraft and equitably distributes AETC assets. 19 AF/DOO passes this information to the event POCs when required.

4.3.20.3. (Added)(AETC) 19 AF/DOO produces briefing slides of AETC-supported aerial events for the AETC/CC and 19 AF/CC weekly briefing. 19 AF/DOO sends copies of the slides to 19 AF/CC not later than Friday and to HQ AETC/DO and HQ AETC/CC NLT Monday via e-mail.

4.3.20.4. (Added)(AETC) 19 AF/DOO coordinates with HQ AFRS Recruiting Operations Center (ROC) to provide units with a list of area recruiting office phone numbers and POCs. 19 AF/DOO provides HQ AFRS/ROC with an updated list of supported events. See paragraph 4.7 (Added)(AETC) and paragraph 5.1 for further guidance and additional information.

4.3.20.5. (Added)(AETC) 19 AF/DOO coordinates with Air Force Office of Special Investigations (AFOSI) and AETC units to ensure force protection security checks are performed at all civilian events when external events dictate the need for extra security of Air Force assets or when directed by HHQ. (See paragraph 5.1 for additional information.)

4.4.5. (Added)(AETC) The AETC MC and or PIC will contact the event POC immediately after receiving a 19 AF slot confirmation to coordinate on the arrival and departure times, parking location, fuel availability, local area flying hazards, security, transportation, billeting arrangements, and maintenance and servicing requirements. Coordinate additional requirements as required. The MC or PIC:

4.4.5.1. (Added)(AETC) Will be familiar with AFI 11-202, Volume 3, *General Flight Rules*, and its AETC supplement; AFI 11-401, and its AETC supplement; appropriate volume to AFI 11-246, and AFI 11-209 and its AETC supplement.

4.4.5.2. (Added)(AETC) Should use AETC IMT 64, **Aerial Events Unit Coordination Checklist**, to mission plan all aerial events covered in this supplement.

4.4.5.3. (Added)(AETC) Must use AETC IMT 65 for HHQ event and ETP approval (unless the aerial event was tasked by HHQ), and AETC IMT 63 when required or requested.

4.4.5.4. (Added)(AETC) For aerial events after-action reports, the MC or PIC must complete AETC Form 53, **Aerial Events After Action Report**, and return to 19 AF/DOO within 7 days of the aerial event, to include canceled events. **EXCEPTION:** Not required for funeral, memorial, or UHMS flyovers.

4.5. Aerial Control Team (ACT) Responsibilities. The OG/CC must approve all ACT personnel. (**NOTE:** Students in undergraduate- or graduate-level flying training courses will not be assigned ACT duties.) Units will develop an ACT training program to ensure proper procedures are adhered to and briefed when performing flyovers. The OG/CC must approve the command and control procedures for the ACT training program.

NOTE: If the event POC, WG/CC, or 19 AF requests an ACT at a flyover location, the event POC or another military member may act as an ACT.

4.5.6. (Added)(AETC) Assisting the MC or PIC with planning, coordinating, and briefing the aerial event with all flyover participants, the event POC, local FAA representatives, and HHQ leadership.

4.5.7. (Added)(AETC) The MC or PIC will request the following information from the event POC to fully plan aerial events that **do not** require an ACT:

4.5.7.1. (Added)(AETC) Flyover or target coordinates (inertial navigation system [INS], global positioning system [GPS], and tactical air navigation [TACAN] cut and geographic references).

4.5.7.2. (Added)(AETC) Time over target (TOT).

4.5.7.3. (Added)(AETC) Communication capability of ground-based support and personnel (ultra high frequency [UHF], very high frequency [VHF], frequency modulation [FM], cell phones, etc.).

4.5.7.4. (Added)(AETC) UHF and VHF frequencies for airport towers.

4.5.7.5. (Added)(AETC) Approach controls.

4.5.7.6. (Added)(AETC) FAA centers or offices that control airspace in the vicinity of aerial event locations.

4.5.7.7. (Added)(AETC) Obstacles within 1 mile of the flyover area.

4.5.7.8. (Added)(AETC) Notice to airmen (NOTAM) for flyover area.

4.5.7.9. (Added)(AETC) Bird hazard status for flyover area.

4.5.7.10. (Added)(AETC) Weather forecast for flyover area.

4.5.7.11. (Added)(AETC) Information on other aerial events planned on the same date, time, and location as the event being supported.

4.6. (Added)(AETC) Unit Duties. HQ AETC/DO delegates 19 AF/CC as the office of primary responsibility for AETC participation, coordination, tracking, tasking, and after-action reporting of aerial events covered in AFI 11-209 and this supplement. Refer to AFI 11-209 and this supplement for on-base and off-base aerial event approval levels and processes, requests timeline requirements, restrictions, and any other information pertinent to aerial events that units must adhere to. Contact 19 AF/DOO for clarification on any event. Send any unique waivers, ETPs, or requests not specifically covered in this publication to 19 AF/DOO for evaluation and processing for HHQ.

4.6.1. (Added)(AETC) Units must use AETC IMT 65 to request all ETPs. 19 AF/DOO staffs AETC IMT 65 accordingly.

4.6.2. (Added)(AETC) Members will not promise aerial support to an event POC for any event that has not been approved by the appropriate authority. **EXCEPTION:** Units may volunteer for nonaviation-related events that have been submitted to HQ USAF/XOOO for an ETP prior to event approval (for example, NASCAR races). Units will ensure 19 AF/DOO is briefed on all events and support planned.

4.6.3. (Added)(AETC) All aerial events supported by AETC aircraft should be viewed as a recruitment opportunity. Unit commanders should ensure the widest dissemination of their aircraft to as many different events as possible without disruption to student programmed flight training (PFT) flow.

4.6.4. (Added)(AETC) As a general rule, AETC will not send more than one of each type of an AETC aircraft to the same event. See paragraph 2.4.5 (Added)(AETC) for second aircraft approval procedures.

4.6.5. (Added)(AETC) Units will notify 19 AF/DOO of each event they plan to support at least 30 days prior to the event via E-mail for slot reservation and deconfliction. Notify 19 AF/DOO and event POC of any cancellation. See paragraph 2.4.3 (Added)(AETC) for cancellation procedures.

4.6.6. (Added)(AETC) Every unit will submit an 19AF IMT 8, to 19 AF/DOO NLT 1200 central standard time (CST) each Thursday to confirm the aerial events the unit will be supporting. The report will cover events for a 2-week period from the date the report is submitted.

4.6.7. (Added)(AETC) Units must submit plans of execution using AETC IMT 63 for the following events (whether the event is tasked or unit sponsored):

4.6.7.1. (Added)(AETC) Dissimilar formations.

4.6.7.2. (Added)(AETC) Aerial demonstrations.

4.6.7.3. (Added)(AETC) Aerial reviews and tattoos.

4.6.7.4. (Added)(AETC) Monument, statue, park dedication flyovers, and memorials (not for a specific flyover).

4.6.7.5. (Added)(AETC) Change of command flyovers.

4.6.7.6. (Added)(AETC) Retirement (people, aircraft, unit, and flag) flyovers.

4.6.7.7. (Added)(AETC) Off-base patriotic holiday flyovers.

4.6.7.8. (Added)(AETC) Any time a HHQ waiver is applied for (for example, multiple passes, lower altitude, afterburner use, and higher airspeeds).

4.6.7.9. (Added)(AETC) All practice flyovers and sorties.

4.7. (Added)(AETC) CAPEX After-Action Report (AAR) Procedures. Wings and groups will use the following CAPEX AAR procedures. **NOTE:** Refer to paragraph 4.4.5.4 for aerial events after-action reporting procedures.

4.7.1. (Added)(AETC) The OG/CC will designate highly experienced flight instructors not participating in the demonstration (usually from OGV) to observe each CAPEX public performance and each CAPEX practice. If an aerial control team (ACT) is required, the team chief will observe the performance. Observation may be in the air and, or from the ground as appropriate.

4.7.2. (Added)(AETC) The instructors or ACT team chief will prepare AETC IMT 53 for each event observed and forward a copy of the AETC IMT 53 to the OG/CC for review. **EXCEPTION:** If the practice and performance are held within 7 days of each other, the 2 reports may be combined. The critique will, as a minimum, address the following:

4.7.2.1. (Added)(AETC) Background data (e.g., date, location, MDS, profile performed, etc.).

4.7.2.2. (Added)(AETC) Any deviations from the technical order (TO) or AFI guidance observed, noting if the issue involves safety of flight.

4.7.2.3. (Added)(AETC) Suggestions for improvement and techniques for the aircrew to better carry out the demonstration profiles being performed.

4.7.2.4. (Added)(AETC) Adequacy of CAPEX guidance.

4.7.2.5. (Added)(AETC) Recruiting and community support value of the performance (public performance only).

4.7.2.6. (Added)(AETC) Commendable or noteworthy items.

4.7.2.7. (Added)(AETC) Lessons learned.

4.7.2.8. (Added)(AETC) Overall rating of the performance.

4.7.3. (Added)(AETC) In order to facilitate internal critiques, wings are required to video tape formation CAPEX demonstrations. For single-ship CAPEX demonstrations, wings will use (if available) heads up display (HUD) cameras, onboard parameter capture, or similar-related data to record the CAPEX demonstration. If such equipment is not available, wings will videotape single-ship CAPEX

demonstrations. The instructors or ACT team chief will review this data as part of the AAR or critique with the PIC. The OG/CC will also view this data as part of the review process.

4.7.4. (Added)(AETC) The WG/CC will review each AETC IMT 53 and forward a copy to 19 AF/DOO for review.

4.8. (Added)(AETC) Restrictions on Carrying Passengers, Additional Crewmembers (ACM), and Mission Essential Ground Personnel (MEGP). Passengers, ACMs, and MEGP are **not**:

4.8.1. (Added)(AETC) Allowed on ejection-seat aircraft during flyovers.

4.8.2. (Added)(AETC) Authorized on board any aircraft performing a dissimilar formation, aerial demonstration, aerial review, or tattoo.

4.8.3. (Added)(AETC) Authorized to occupy a seat at any duty station that possesses a set of flight controls.

4.8.4. (Added)(AETC) Allowed on any aircraft taking part in a heritage flight. Military members are not allowed to fly onboard any civilian aircraft flights (including Warbirds) during any aerial event.

NOTE: See DoDD 4500.56, DoD 4515.13-R, AFI 11-2 MDS-specific instructions, and AFI 11-401 and its AETC supplement for additional guidance on carrying passengers, ACMs, and MEGP.

4.9. (Added)(AETC) Aircrew-Recruiter Combined Show (ARCS) Team:

4.9.1. (Added)(AETC) The ARCS Program is designed to link AETC aircrew members with Air Force recruiters at aerial events to assist with Air Force recruitment needs and answer prospective airmen's questions.

4.9.2. (Added)(AETC) The MC or PIC contacts the closest recruiter to the planned aerial event and inform the recruiter of the event (dates, times, and location) so the aircrew and recruiter can work in concert to promote the Air Force.

4.9.3. (Added)(AETC) The MC or PIC coordinates with the event POC to allow the recruiter to set up near the AETC aircraft.

4.9.4. (Added)(AETC) 19 AF/DOO coordinates with HQ AFRS to obtain an Air Force recruiter contact list and provides the list to the flying units.

4.9.5. (Added)(AETC) The MC or PIC must complete an AETC Form 53 to annotate if any recruiters were invited and if they attended the event. Return the completed AETC IMT 53 to 19 AF/DOO within 7 days of the aerial event.

4.10. (Added)(AETC) Ground Liaison Officer (GLO) Requirements:

4.10.1. (Added)(AETC) A GLO is required when the AETC demonstration teams must be synchronized with other events on the ground, when real-time coordination with air traffic control is required, or when multiple participants require real-time deconfliction.

4.10.2. (Added)(AETC) A GLO is not required when the event POC provides an operations director, air operations manager, air boss, or similar individual to control aerial events at airshows or open houses. The MC or PIC contacts the event POC and ascertain if a GLO is required. The OG/CC makes the final determination if a GLO is required.

4.10.3. (Added)(AETC) Normally, the GLO, with radio equipment, is present at the flyover site prior to the TOT to assist the flight lead and act as a safety observer. See paragraph 3.7.1 through 3.7.6 (Added)(AETC) of this supplement for further guidance.

4.10.4. (Added)(AETC) The GLO should be a rated officer, approved by the OG/CC after receiving

appropriate in-unit GLO training.

4.10.5. (Added)(AETC) Nonrated officers must be approved by the WG/CC and receive appropriate in-unit GLO training. **NOTE:** The use of unit nonrated officers as GLOs will be kept to a minimum.

4.10.6. (Added)(AETC) Students in undergraduate- or graduate-level flying training courses will never act as a GLO.

5.1. Force Protection. 19 AF/DOO will coordinate with AFOSI and AETC units to ensure force protection security checks are performed at all civilian events when events dictate the need for extra security of Air Force assets or when directed by HHQ.

5.1.1. (Added)(AETC) The list of AETC pre-approved routine use airfields and remain over night (RON) approval status is found at <https://www.AETC.af.mil/do/dof/download/dofr/airfields.htm>. The list provides basic information about each location, its RON status, and the AETC base responsible for the letter of agreement. Joint-use airfields approved for RON at the civil side (FBO) of joint use airfields are also listed. These airfields may be used for RON during cross-country missions, to include stops enroute to approved aerial event locations (i.e. airshows, static displays, flyovers, etc).

5.1.2. (Added)(AETC) If an airfield is not on the AETC pre-approved list, aircrews will not RON at the civil side (FBO) of a joint-use airfield without OG/CC approval. The OG/CC, or equivalent, may approve a one time RON at the civil side of a joint-use field that is not on the pre-approved AETC list provided the following criteria are met:

5.1.2.1. (Added)(AETC) Controlled entry. Is there a point of controlled entry, or similar means to prevent unauthorized entry to the Airfield or aircraft?

5.1.2.2. (Added)(AETC) Surveillance. Is there a form of surveillance capability that is 24 hours a day, 7 days a week (periodic manned patrols, video monitoring, etc.)?

5.1.2.3. (Added)(AETC) Law Enforcement or Security Response Processes. Are there processes to ensure law enforcement or other security response in the event of an airfield or aircraft intrusion?

5.1.3. (Added)(AETC) OG/CC or equivalent, may also approve aircrews to RON at a civilian airfield not on the AETC pre-approved list when the airfield is hosting an approved aerial event and the OG/CC verifies the security criteria of paragraphs 5.1.2.1 (Added)(AETC), 5.1.2.2 (Added)(AETC), and 5.1.2.3 (Added)(AETC). If the aerial event location doesn't meet these criteria, the aircraft may support the event but must RON at another suitable aerodrome that meets the security criteria.

5.1.4. (Added)(AETC) Circumstances could arise necessitating a change to the RON approval status, it is imperative that aircrews check the Web site (see paragraph 5.1.1 [Added][AETC]) for changes prior to planning the RON at an AETC-routine use civil airfield, at the civil side of a joint-use airfield, or an aerial event location.

5.2. Adopted Forms. DD Form 2535, **Request for Military Aerial Support**; AF IMT 847, **Recommendation for Change of Publication**; 19AF IMT 8, **Weekly Aerial Events Report**; FAA Form 7711-1, **Certificate of Waiver or Authorization**; FAA Form 7711-2, **Application for Certificate of Waiver or Authorization**.

5.3. (Added)(AETC) IMTs Prescribed. AETC IMT 53, **Aerial Events After Action Report**; AETC IMT 63, **Aerial Events Plan of Execution**; AETC IMT 64, **Aerial Events Unit Coordination Checklist**; AETC IMT 65, **Aerial Events/Waiver Approval Request**.

Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

References

FAA Advisory Circular 91-45C, *Waivers: Aviation Events*

FAR 91.117, *Aircraft Speed*

FAR 91.119, *Minimum Safe Altitudes: General*

FAR 91.127, *Operating On or In the Vicinity of an Airport in Class E Airspace*

FAR 91.145, *Management of Aircraft Operations in the Vicinity of Aerial Demonstrations and Major Sporting Events*

FAR 91.155, *Basic VFR Weather Minimums*

FAR 91.303, *Aerobatic Flight*

FAR 91.515, *Flight Altitude Rules*

FAR 105.21, *Parachute Operations Over or Into a Congested Area or an Open-Air Assembly of Persons*

DoDD 4500.56, *DoD Policy on the Use of Government Aircraft and Air Travel*

DoD 4515.13-R, *Air Transportation Eligibility*

AFI 10-245, *Air Force Antiterrorism (AT) Standards*

AFI 10-1001, *Civil Aircraft Landing Permits*

AFI 11-209, *Air Force Participation in Aerial Events*

AFI 11-401, *Flight Management*, and AETC Supplement 1

AFI 31-101, *The Air Force Installation Security Program*

AFI 36-2903, *Dress and Personal Appearance of Air Force Personnel*

19AFI 11-207, *Participation in Exercises, Deployments, and Competitions*

TO 00-80G-1, *Make Safe Procedures for Public Static Display*

TO 11A-1-53, *General Instructions for Ammo Color Coding Identification of Empty and Inert Loaded Ammunition Items and Components and Assignment of Version Numbers to Training and Dummy Ammunition Items*

TO 11A-1-60, *General Instructions—Inspection of Reusable Munitions Containers and Scrap Material Generated from Items Exposed to or Containing XPL*

Abbreviations and Acronyms

ACM—additional crewmember

ACT—aerial control team

AFMC—Air Force Materiel Command

AFOSH—Air Force Occupational Safety Hazard

AFOSI—Air Force Office of Special Investigations

AFRC—Air Force Reserve Command

AFRS—Air Force Recruiting Service
AGL—above ground level
ANG—Air National Guard
ARCS—aircrew-recruiter combined show
BMT—basic military training
CST—Central Standard Time
ETP—exception to policy
FAA—Federal Aviation Administration
FM—frequency modulation
FOD—foreign object damage/debris
FY—fiscal year
GLO—ground liaison officer
GPS—global positioning system
HALO—high altitude low-opening
HHQ—higher headquarters
HUD—Heads Up Display
INS—inertial navigation system
JA—judge advocate
MC—mission commander
MDS—mission design series
MEGP—mission essential ground personnel
MIA—missing in action
MMF—missing man formation
NLT—not later than
NOTAM—notice to airmen
OCONUS—outside the continental United States
PFT—programmed flight training
PIC—pilot-in-command
POC—point of contact
POW—prisoner of war
stan/eval—standardization and evaluation
TACAN—tactical air navigation
TO—technical order
TOT—time over target

TRG—training group

UHF—ultra high frequency

UHMS—unit-hosted memorial service

USAFA—United States Air Force Academy

VHF—very high frequency

Terms

Aerobatic Demonstration—Normally associated with a single aircraft or formation of “fighter”-type aircraft. Involves maneuvers such as, but not limited to, rolls, high-G turns, loops, and high-speed/low-speed passes.

A2.1. (Added) (AETC) Onbase Event and Participation Approval Levels. Table A2.1 (Added)(AETC) contains onbase event and participation approval levels.

Table A2.1. (Added)(AETC) Onbase Event and Participation Approval Levels.

I T E M	A	B		C	D	E	F
	Event (Note 1)	Location		Restriction	Coordination	Event Approval	Participation Approval
I. Static Displays							
1	Static display	Aviation-related	On base: Aircraft displayed for events <i>closed</i> to the general public <i>without</i> flying (notes 2 and 3)	See basic and this supplement.	Inform 19 AF/DOO NLT 2 weeks prior to the event.	Wing PA	WG/CC
2			On base: Aircraft displayed for events <i>open</i> to the general public, <i>without</i> flying (note 2)		Coordinate with 19 AF/DOO for unit/aircraft deconfliction prior to WG/CC approval.		
3			Open houses and airshows (note 2)			MAJCOM PA or SAF/PAN	

I T E M	A	B		C	D	E	F
	Event (Note 1)	Location		Restriction	Coordination	Event Approval	Participation Approval
4		Non-aviation-related	On base: Aircraft displayed for events for any non-aviation related group (note 2)			MAJCOM PA	
5		OCONUS				SAF/PAN	19 AF/CC
II. Flyovers							
6	Airshows	OCONUS			Inform 19 AF/DOO NLT 2 weeks prior to the event.	SAF/PAN	19 AF/CC
7		On base (note 2)				Wing PA	WG/CC
8	Unit Flag retirement	On base (note 2)					
9	Funeral (note 4)	On base (note 2). See Table A5.1 (Added) (AETC) for MMF use.			Notify HQ AETC/SV and 19 AF/ DOO. Notify HQ AETC command center after duty hours. HQ AETC/ SV will verify eligibility.	19 AF/DO (USAF/CV for ineligible members)	
10	UHMS (note 4)	Only on base at home station (not authorized off base or at another base) (note 2). See Table A5.1 (Added) (AETC) for MMF use.			Notify HQ AETC/SV and 19 AF/DOO. HQ AETC/SV will verify eligibility.	19 AF/CC	
11	Memorial and statue monument dedication (other than for a specific person)	On base (note 2). See Table A5.1 (Added) (AETC) for MMF use.		Limited to a single pass.	Inform 19 AF/ DOO NLT 2 weeks prior to the event.	MAJCOM PA	19 AF/CC

I T E M	A Event (Note 1)	B Location		C Restriction	D Coordination	E Event Approval	F Participation Approval
12	Retirement ceremony and/or change of command (note 5)	On base for AETC/CC, CV, or 19 AF/CC (note 6). See Table A5.1 (Added)(AETC) for MMF use.		Four ship authorized for AETC/CC, single ship for AETC/CV and NAF/CC.	Inform 19 AF/CC NLT 2 weeks prior to the event. Event POC and flying unit POC will ensure 19 AF/DOO is aware of all particulars.	USAF pre-approved	AETC/CC
13		On base for all other persons (ETP required). See Table A5.1 (Added) (AETC) for MMF use.		Normally not authorized except for AETC/CC, AETC/CV, and NAF/CC.	Submit WG/CC coordination request to 19 AF/DOO NLT 45 days prior to the event.	USAF/CV	
14	Patriotic holidays: Armed Forces Day, Memorial Day, Independence Day, National POW/MIA Recognition Day, and Veterans Day (note 7).	On base at home station using own aircraft (note 2). See Table A5.1 (Added)(AETC) for MMF use.		Limited to a single pass. Flyovers of four aircraft maximum. Must occur within 7 days of national observance.	Inform 19 AF/DOO NLT 2 weeks prior and ensure no other unit is supporting the event.	Pre-approved	WG/CC
15		On base at other AETC bases (note 2)					19 AF/CC
16		On base outside AETC (note 2)					
17	US Air Force Academy (note 8)	On base	Single pass, up to four aircraft		Inform 19 AF/DOO NLT 2 weeks prior to the event.	Pre-approved	

I T E M	A	B		C	D	E	F
	Event (Note 1)	Location		Restriction	Coordination	Event Approval	Participation Approval
18			Same MDS aircraft from different wings				
19			Multiple passes				
20			More than four aircraft				
21	BMT graduation	On base (note 2 and 9)		May not be used in conjunction with retirement or promotion ceremonies.	19 AF/DO tasks units to support flyovers each FY.	AETC/CC by DMS message	Tasked by 19 AF/DOO
22	All other flyovers, graduations, retreats, and parades not otherwise covered (note 5)	On base at home station with owning aircraft (note 2). See Table A5.1 (Added) (AETC) for MMF use.			Inform 19 AF/DOO NLT 2 weeks prior to event to ensure no other unit is supporting event.	Wing PA	Wing/CC
23		On base other than home station (notes 2 and 9). See Table A5.1 (Added) (AETC) for MMF use.			MAJCOM PA or SAF/PAN (with owning service or MAJCOM approval if other than AETC)		
24	Photo shoot (note 10)	On base (note 2)		Inform 19 AF/DOO NLT 2 weeks prior to event to ensure no other unit is supporting event.	19 AF/CC	WG/CC	

I T E M	A Event (Note 1)	B Location	C Restriction	D Coordination	E Event Approval	F Participation Approval
III. Dissimilar Formations						
25	Dissimilar formation (note 11)	On base, open to general public (note 2)		Inform 19 AF/DOO NLT 2 weeks prior to the event.	MAJCOM PA or SAF/PAN	19 AF/CC
26		On base, closed to general public (note 2)				
IV. Multiple Passes						
27	Multiple passes	On base (note 2)	For USAFA: See item 18 (this table).	Inform 19 AF/DOO NLT 2 weeks prior to the event.	After appropriate event approval has been granted for items 5, 6, 16, 21,22, and 23 (this table)	19 AF/CC
V. Aerial Demonstration						
28	Aerial demonstration (note 11)	On base (note 2)	See AFI 11-246 MDS specific volume of additional information.	Inform 19 AF/DOO NLT 2 weeks prior to the event.	MAJCOM PA or SAF/PAN	19 AF/CC. Owing service/MAJCOM approval for non-AETC jumpers with 19 AF/CC approval.
29	SAR demonstration	On base, not open to the general public (note 2)	See paragraph 3.15 (Added) (AETC) this supplement and AFI 11-246 MDS specific volume.	Inform 19 AF/DOO NLT 2 weeks prior to the event.	19 AF/CC	WG/CC

I T E M	A Event (Note 1)	B Location	C Restriction	D Coordination	E Event Approval	F Participation Approval
VI. Aerial Reviews or Tattoos						
30	Using AETC assets	On base (note 2)		Inform 19 AF/DOO NLT 2 weeks prior to the event.	MAJCOM PA	19 AF/CC
31	Using AETC and/or other MAJCOM assets					USAF/CC, HQ USAF/XO, and SAF/PAN
32	Using AETC assets with other service or nation assets					

NOTES:

1. List all events on the weekly report and sent to 19 AF/DOO using 19AF IMT 8. The MC or PIC must complete an AETC IMT 53 within 7 days of the event completion or cancellation.
2. On base is defined as on or over an installation owned, leased, or operated by the DoD, such as a base, camp, fort, post, reservation, school, ship, station, terminal facility, etc. A joint-use airport qualifies as On base if the event is held on the military portion of the airport. Off base is on or over any location other than on base.
3. These static displays are for small groups like schools, police conventions, former military reunions, and civic leader tours. **NOTE:** Event must not include any flyovers or aerial demonstrations.
4. See AFI 11-209 and AFI 34-242 for a list of persons authorized a flyover.
5. See Table A2.1 (Added)(AETC) and Table A3.1 (Added)(AETC) for approval levels if the static aircraft are from other MAJCOMs, services, or nations involved.
6. For change of command and retirement ceremonies, use only the assets assigned to the base where the ceremony occurs.
7. For further guidance, see paragraph 3.2.1 through paragraph 3.3.4; for MMF approval authorities see Table A5.1 (Added)(AETC).
8. If the aerial demonstration is closed to the general public, HQ AETC/PA (or SAF/PAN) may approve the event on DD Form 2535.
9. 19 AF/DOO will task units to support BMT flyovers each FY after the MAJCOM has approved the BMT flyover dates.
10. Photo shots of or with aircraft from foreign countries or other US military service branches will require approval from that service's headquarters and AETC/CC. Approval for these shoots will also approve any included multiple passes, dissimilar formation, passengers/MEGPs, etc., entered on the AETC IMT 63 and AETC IMT 65. HQ USAF/XO will be notified prior to the flight. See paragraph 2.4.6.3 for flying with civilian aircraft.
11. Includes weapons or tactics, assault landing, assault takeoff, container delivery systems, equipment drops, in-flight refueling, low-altitude parachute extraction systems, parachute jump demonstrations, and jump platforms.

A3.1. (Added)(AETC) Off-Base Event and Participation Approval Levels. Table A3.1 (Added)(AETC) contains off-base event and participation approval levels:

Table A3.1. (Added)(AETC) Off-Base Event and Participation Approval Levels.

I T E M	A	B		C	D	E	F
	Event (Note 1)	Location		Restriction	Coordination	Event Approval	Participation Approval
I. Static Displays							
1	Static display	Off base (note 2)	Aviation-related		Coordinate with 19 AF/DOO for unit/aircraft deconfliction prior to WG/CC approval.	MAJCOM PA or SAF/PAN	WG/CC
2			Non-aviation-related			SAF/PAN and HQ USAF/XOO	
3		OCONUS				SAF/PAN or MAJCOM PA	
II. Flyovers							
4	Airshows	OCONUS			Inform 19 AF/DOO NLT 2 weeks prior to the event.	SAF/PAN	19 AF/CC
5		Off base (note 2)					WG/CC
6	Unit flag retirement			Not authorized	Not authorized	Not authorized	Not authorized
7	Funeral (note 3)	Off base (note 2). See Table A5.1 (Added)(AETC) for MMF use.			Notify HQ AETC/SV and 19 AF/DOO. Notify HQ AETC command center after duty hours. HQ AETC/SV will verify eligibility.	19 AF/DO (USAF/CV for ineligible members)	WG/CC

I T E M	A Event (Note 1)	B Location	C Restriction	D Coordination	E Event Approval	F Participation Approval
8	Memorial for a specific person (note 3)				SAF/PAN with an ETP from HQ USAF/XOO	19 AF/CC
9	UHMS (note 3)	Off base or off home station (note 2)	Not authorized	Not authorized	Not authorized	Not authorized
10	Memorial and statue monument dedication (other than for a specific person)	Off base (note 2). See Table A5.1 (Added)(AETC) for MMF use.	Limited to a single pass.	Inform 19 AF/DOO NLT 2 weeks prior to the event.	SAF/PAN	WG/CC
11	Retirement ceremony and/or change of command (note 4)	See Table A5.1 (Added)(AETC) for MMF use.	Not authorized	Not authorized	Not authorized	Not authorized
12	Patriotic holidays: Armed Forces Day, Memorial Day, Independence Day, National POW/MIA Recognition Day, and Veterans Day (note 5)	Off base (note 2). See Table A5.1 (Added)(AETC) for MMF use.	Limited to a single pass. Flyovers of four aircraft maximum. Must occur within 7 days of national observance.	Inform 19 AF/DOO NLT 2 weeks prior and ensure no other unit is supporting the event.	MAJCOM PA or SAF/PAN	19 AF/CC
13	All other flyovers, graduations, retreats, and parades not otherwise covered (note 4)	Off base (note 2). See Table A5.1 (Added)(AETC) for MMF use.			SAF/PAN	
14	Photo shoot (note 6)				19 AF/CC	WG/CC

I T E M	A Event (Note 1)	B Location	C Restriction	D Coordination	E Event Approval	F Participation Approval
III. Dissimilar Formations						
15	Dissimilar formation (note 7)	Off base (note 2)		Inform 19 AF/DOO NLT 2 weeks prior to the event.	SAF/PAN	19 AF/CC
IV. Multiple Passes						
16	Multiple passes	Off base (note 2)	For USAFA: See item 18 (this table).	Inform 19 AF/DOO NLT 2 weeks prior to the event.	After appropriate event approval for items 4, 5, 13, 14, and 16 (this table)	19 AF/CC
V. Aerial Demonstration						
17	Aerial demonstration (note 11)	Off base (note 2)	See AFI 11-246 MDS specific volume for additional information.	Inform 19 AF/DOO NLT 2 weeks prior to the event.	MAJCOM PA or SAF/PAN	19 AF/CC. For non-AETC jumper, owning service and/or MAJCOM approval with 19 AF/CC approval.
18	SAR demo	Off base, not open to the general public (note 2)	See paragraph 3.15 (Added) (AETC) this supplement and AFI 11-246 MDS specific volume.	Inform 19 AF/DOO NLT 2 weeks prior to the event.	19 AF/CC	WG/CC
VI. Aerial Reviews or Tattoos						
19	Using AETC assets	Off base (note 2)		Inform 19 AF/DOO NLT 2 weeks prior to the event.	SAF/PAN	19 AF/CC
20	Using AETC and/or other MAJCOM assets					All MAJCOM CCs

I T E M	A	B	C	D	E	F
	Event (Note 1)	Location	Restriction	Coordination	Event Approval	Participation Approval
21	Using AETC assets with other service or nation assets				USAF/CC, HQ USAF/ XO, and SAF/PAN	

NOTES:

1. List all events on the weekly report to 19 AF/DOO using 19AF IMT 8. The MC or PIC must complete an AETC IMT 53 within 7 days of the event completion or cancellation.
2. On base is defined as on or over an installation owned, leased, or operated by the DoD, such as a base, camp, fort, post, reservation, school, ship, station, terminal facility, etc. A joint-use airport qualifies as onbase if the event is held on the military portion of the airport. Off base is on or over any location other than on base.
3. See AFI 11-209 and AFI 34-242 for a list of persons authorized a flyover.
4. See AFI 11-209, Table A2.1 (Added)(AETC), and Table A3.1 (Added)(AETC), for approval levels if the static aircraft are from other MAJCOMs, services, or nations involved.
5. For further guidance, see paragraph 3.2.1 (Added)(AETC) through paragraph 3.3.4 (Added)(AETC); for MMF approval authorities, see Table A5.1 (Added)(AETC).
6. Photo shots of or with aircraft from foreign countries or other US military service branches will require approval from that service's headquarters and AETC/CC. Approval for these shoots will also approve any included multiple passes, dissimilar formation, passengers/MEGPs, etc., entered on the AETC IMT 63 and AETC IMT 65. HQ USAF/XO will be notified prior to the flight. See paragraph 2.4.6.3 (Added)(AETC) for flying with civilian aircraft.
7. Includes weapons or tactics, assault landing, assault takeoff, container delivery systems, equipment drops, in-flight refueling, low-altitude parachute extraction systems, parachute jump demonstrations, and jump platforms.
8. If the aerial demonstration is closed to the general public, HQ AETC/PA or SAF/PAN may approve the event on DD Form 2535.

A4.1.1. Restrict all full-size vehicle operations within the display areas to the base emergency fire, rescue, ambulance, and security vehicles. Segregate large-scale aircraft parking from vendor areas and other essential traffic areas by at least 200 feet or provide a physical and visual cordon around the large-scale aircraft.

A4.1.5. (Added)(AETC) Attach and leave exposed the "REMOVE BEFORE FLIGHT" warning streamers to each safety pin and device.

A4.2.3. Close and seal the external canopy jettison handle receptacles with tape. Electrically and mechanically safe aircraft with gun systems according to applicable technical order (TO) procedures.

A4.3.5. (Added)(AETC) For nonejection seat aircraft, and at the aircraft commander's discretion, public access to the cockpit is allowed as follows:

A4.3.5.1. (Added)(AETC) One crewmember will assist and monitor the public as they enter and exit the aircraft.

A4.3.5.2. (Added)(AETC) One crewmember will monitor all spectators in the flight deck, cargo, and passenger seating areas.

A4.3.5.3. (Added)(AETC) AETC crews will take the following additional precautions to protect both spectators and AETC resources during static displays (reference AFI 11-209, Attachment 3, and applicable TOs):

A4.3.5.3.1. (Added)(AETC) Remove all electrical power. (**EXCEPTION** [*For Nonejection Seat Aircraft*]): For small groups that can be controlled by crewmembers at the display, wing commanders are authorized to waive the power-off restriction to showcase aircraft systems (such as avionics), provide lighting, and/or provide environmental control (heat or air-conditioning). Whenever power is applied to the aircraft during a static display, the aircraft commander or copilot will be in his or her appropriate cockpit seat.)

NOTE: C-5, C-17, KC-135, M/H/C-130, T-43, T-1, HH-60, MH-53J, UH-1, and CV-22 aircraft may use their internal air-conditioner or cooling systems at aerial events during days of extreme heat. The air-conditioning or cooling systems will provide comfort for civilians viewing the aircraft and prevent overheating of aircrew members posted inside the aircraft.

A4.3.5.3.2. (Added)(AETC) Stow all roller conveyors not required for the displayed cargo.

A4.3.5.3.3. (Added)(AETC) Do not allow spectators to touch cockpit switches, handles, or devices.

A4.3.6. (Added)(AETC) For ejection seat aircraft, public access or viewing of the cockpit is allowed as follows:

A4.3.6.1. (Added)(AETC) Spectators may sit in the cockpit only if the seat and canopy ejection systems are de-armed (explosive charges removed by maintenance personnel). A crewmember must assist aircraft entry and exit.

A4.3.6.2. (Added)(AETC) Pilots may open the canopy if the seat and canopy ejection systems are de-armed (explosive charges removed by maintenance personnel) or the seat and canopy ejection systems are pinned and the pilot is seated at the controls. Otherwise, provide cockpit viewing through a closed canopy.

A4.5. (Added)(AETC) Aircraft Preparation:

A4.5.1. (Added)(AETC) Aircraft selected for display will be thoroughly washed and the cockpits and interiors cleaned before departing from the home station. All aircraft will be in strict compliance with the Corrosion Control Program. Aircraft will have new or like new "REMOVE BEFORE FLIGHT" warning streamers for display.

A4.5.2. (Added)(AETC) Aircraft selected to participate in static displays will be personally inspected by the wing or group commander or representative (normally a squadron commander) owning the aircraft before departure for the host base or location.

A4.5.3. (Added)(AETC) All aircraft on static display for public viewing will display informational signs listing the aircraft type, its capabilities, and its mission. Units will bring their own signs, if possible. If signs are not available, the supporting unit must coordinate with the event coordinator to furnish signs. All signs will be neat, large enough to be readily seen, and prominently positioned.

A4.6. (Added)(AETC) Air and Ground Crew Selection, Dress, and Briefings:

A4.6.1. (Added)(AETC) The OG/CC or designated representative will personally check the appearances of all air and ground crews and aircraft before the mission briefing and flight departure. The OG/CC or designate will brief all air and ground crews of display and safety procedures.

A4.6.2. (Added)(AETC) Squadron commanders will select air and ground crews with emphasis on exceptional military bearing, keen ability to communicate with the public, thorough knowledge of the

equipment, and personal appearance.

A4.6.3. (Added)(AETC) Air and ground crews must be in strict compliance with AFI 36-2903, *Dress and Personal Appearance of Air Force Personnel*, as supplemented, with new or like new flight suits or duty uniforms, flight caps, boots, and jackets (when weather dictates). Aircrews from the same aircraft should be attired similarly; for example, scarves, T-shirts, patches, jackets, etc. The wing commander or designated representative (normally a squadron commander) will inspect aircrews prior to departure.

A4.6.4. (Added)(AETC) Do not select undergraduate or graduate students in flying training courses. Students who have graduated and are not awaiting follow-on training may participate with OG/CC approval.

A4.6.5. (Added)(AETC) At least one qualified crewmember will be present, in uniform, at the aircraft during hours of display. **EXCEPTION:** Do not compromise safety of flight, crew rest, crew duty restrictions, or exposure to extreme heat or cold to comply.

A4.6.6. (Added)(AETC) Crewmembers will not consume alcohol while in uniform at any time during the hours of the display.

A4.6.7. (Added)(AETC) Crewmembers will not visit with friends or family during the display at the expense of answering questions for the general public.

A4.6.8. (Added)(AETC) The MC or PIC is responsible for safe and effective accomplishment of all static display requirements.

A4.7. (Added)(AETC) Aircraft Security. Security requirements for aircraft participating in static displays or other events are listed in AFI 31-101, *The Air Force Installation Security Program*. All aircrew members must be familiar with these requirements before departing for the static display location.

A4.8. (Added)(AETC) Antiterrorist Planning. Refer to AFI 10-245, *The Air Force Antiterrorism (CAT) Standards*, for an overview of planning considerations for the security of Air Force property and personnel.

A4.9. (Added)(AETC) Coordination. MCs or PICs will contact the host base or airfield project officer at least 14 days before the event for final coordination. Coordination items will include arrival and departure times, parking location, fuel, local area flying hazards, security, transportation, and billeting arrangements, etc.

A4.10. (Added)(AETC) Static Display Scheduling. Do not schedule crews to stand by the aircraft for more than 2 hours without a break.

A4.11. (Added)(AETC) Ordnance. The appearance of inert ordnance will be commensurate with the high standards set for the static display aircraft. Munitions will be displayed loaded on the aircraft, when possible. The unit loading standardization crew, with wing weapons manager and OG/CC approval, may load munitions display items of different munitions family groups on different MDS aircraft for which the aircraft are not certified solely for the purpose of static display. (In this situation, the aircraft will not be permitted to fly with these munitions.)

A4.12. (Added)(AETC) Requirements for Static and Public Displays:

A4.12.1. (Added)(AETC) Do not display, load, or install live explosive items on display aircraft. Do not render explosive items inert for this purpose unless authorized by the specific Air Force Materiel Command (AFMC) item manager or system program office. Only authorized personnel will perform demilitarization procedures.

A4.12.2. (Added)(AETC) Remove live or expended ammunition from aircraft gun systems or safe the gun systems mechanically and electrically before placing the aircraft on display.

A4.12.3. (Added)(AETC) Operational aircraft may be displayed without removing egress and life support system explosive components. Take proper TO safety precautions. Ensure constant surveillance of visiting personnel near actuating controls.

A4.12.4. (Added)(AETC) Remove ejection cartridges from external stores release systems or ensure safety pins and devices cannot be easily removed. Isolate firing circuits (for example, pull applicable circuit breakers).

A4.12.5. (Added)(AETC) Refer to AFI 11-209 and TO 00-80G-1, *Make Safe Procedures for Public Static Display*, for procedures concerning static display of aircraft.

A4.12.6. (Added)(AETC) Do not grant the public access to explosives storage or operating locations where the duties of the agencies do not require such contact.

A4.12.7. (Added)(AETC) Munitions displays must be marked in accordance with TO 11A-1-53, *General Instructions for Ammo Color Coding Identification of Empty and Inert Loaded Ammunition Items and Components and Assignment of Version Numbers to Training and Dummy Ammunition Items*, and certified in accordance with TO 11A-1-60, *General Instructions--Inspection of Reusable Munitions Containers and Scrap Material Generated from Items Exposed To or Containing XPL*.

A4.13. (Added)(AETC) Special Instructions. Aircrew members:

A4.13.1. (Added)(AETC) Will make a complete and thorough preflight after a static display with emphasis on foreign object damage/debris (FOD) and damage to aircraft components.

A4.13.2. (Added)(AETC) Will maintain complete control (with the assistance of the event sponsor) over the number of personnel on the work stand. Aircraft maintenance work stands are not engineered or designed to safely allow large groups of people to view static displays. Specifically designed and engineered platforms for viewing aircraft interiors are preferred. If aircraft maintenance stands must be used, extreme care must be taken to ensure the weight-bearing capability of the stand is not exceeded or that additional support is provided to reinforce the stand. (See AFOSH Standard 91-501, *Air Force Occupational Safety Standard*, and specified TO for applicable work stand.)

A4.13.3. (Added)(AETC) At a static display represent the entire Air Force. Therefore, they must always conduct themselves in a professional manner.

A4.13.4. (Added)(AETC) Will install engine intake and exhaust covers, if available.

A4.13.5. (Added)(AETC) Will deplete the fuel load enough to prevent expansion siphoning.

WILLIAM M. FRASER III, Major General, USAF
Director of Operations

1 Attachment (Added)(AETC)

5. Missing Man Formation (MMF) Approval Level

Attachment 5 (Added)(AETC)

MISSING MAN FORMATION (MMF) APPROVAL LEVEL

A5.1. (Added)(AETC) Missing Man Formation. Table A5.1 (Added)(AETC) lists AETC approval levels for MMF.

Table A5.1. (Added)(AETC) MMF Approval Levels.

I T E M	A	B	C	D	E
	Event (Notes 1 and 2)	Location	Restriction	Coordination	Formation Use Approval
1	Funeral (notes 3 and 4)	Off base	See Table A2.1 (Added)(AETC) and Table A3.1 (Added)(AETC) for event approval.	See Table A2.1 (Added)(AETC) and Table A3.1 (Added)(AETC) for event approval.	Automatic once event is approved
2	Memorial (for a specific person) (notes 4 and 5)	On base (note 6)			
3		Off base			
4	UHMS (note 7)	On base	Must be member's home station	Inform 19 AF/DOO as soon as known (see paragraph 3.2.2).	19 AF/CC
5		Off base	Not authorized	Not authorized	Not authorized
6	Dedications of monuments, statues, parks, buildings, etc. (note 8)	On base within MAJCOM (note 6)	See Table A2.1 (Added)(AETC) and Table A3.1 (Added)(AETC) for event approval.	Inform 19 AF/DOO 14 days prior to event.	19 AF/CC
7		On base outside MAJCOM (note 6)			
8		Off base			
9	Patriotic holidays other than Memorial Day, Veterans Day, and POW/MIA Day (notes 6 and 7)	On base within MAJCOM (note 6)	Inform 19 AF/DOO 14 days prior to event.		19 AF/CC
10		On base outside MAJCOM (note 6)			

I T E M	A	B	C	D	E
	Event (Notes 1 and 2)	Location	Restriction	Coordination	Formation Use Approval
11		Off base		Inform 19 AF/DOO and SAF/PAN 45 days prior to event.	AF/XOO
12	Other events hosted for recognized military members that do not occur during patriotic holiday events (note 8)	On base within MAJCOM (note 6)		Inform 19 AF/DOO 14 days prior to event.	19 AF/CC
13		On base outside MAJCOM (note 6)			Owning MAJCOM commander
14		Off base			Inform 19 AF/DOO and SAF/PAN 45 days prior to event.

NOTES:

1. MMFs may be flown as three-ship phantom or four-ship formation. The OG/CC may approve MMF practice sorties over home station. MMF sorties will not be practiced off home station or off base.
2. The MC or PIC will coordinate with the local FAA Flight Standards District Office before performing a flyover.
3. All funeral flyovers are considered off base and are performed at the time of actual interment. Authorized members can only have a funeral flyover or a memorial flyover according to AFI 34-242, but not both. This does not preclude a UHMS flyover.
4. Afterburners use is authorized for pullup or safety once the event is approved for MMF. Other afterburner use requires 19 AF/CC approval.
5. Memorial flyovers can be performed on base or off base. The flyover can be flown at any location if the flyover is approved by HHQ and coordinated with the FAA. Authorized members can have either a funeral flyover or a memorial service flyover according to AFI 34-242, but not both. This does not preclude a UHMS flyover.
6. The MC or PIC must coordinate with the base commander or the designated representative to coordinate flyover factors 20 days prior to flight. The MC or PIC will forward the unit or base commander's flyover approval and any restrictions to 19 AF/DOO 14 days prior to the event.
7. The event must be performed at home station within 10 days of the death. HQ AETC/SV must verify the member is authorized a flyover according to AFI 34-242. This does not preclude a funeral or memorial service flyover.
8. The event must be a solemn ceremony befitting the performance of the formation and cannot be flown in conjunction with another event (such as a sports game).