

USAFA Aerial Event Profiles and Airpower
Demonstration Guidance for ACC Units

This memorandum defines ACC support for Aerial Events at the USAF Academy to include defined flight profiles for ACC units. The memorandum will run concurrent with the FAA-USAFA Certificate of Waiver (CoW) and may be terminated at the request of either party.

Unit coordination with ACC/A3TA for USAFA flyover participation approval is required per AFI 11-209, ACC Sup. If there are any questions/concerns about which profile fits a specific event that is being planned or for permission to conduct any variations, participating units should contact ACC/A3TA before building their request package.

Profiles will be flown in accordance with the guidance below and AFI 11-209 ACC Sup, USAFA 11-209, and the current 306 FTG FAA Certificate of Waiver.

NOTE: All references to "USAF Academy property" include Cadet Area, Cemetery, Falcon Stadium, Parade Field, Preparatory School, 10 ABW Headquarters, Doolittle Hall and Alert Area A-260 unless otherwise noted.

Profile 1 (ACC) Used for Public Events (as defined by AFI 11-209 ACC Sup Chapter 3 and USAFA 11-209 para 1.4) anywhere on USAF Academy property where concentrations of the public are present and may be overflowed (ref FAR Part 91.117 "congested area" definition and AFI 11-209).

ACC Fighters: 4 ship maximum in route, route echelon, fingertip, or tactical spread (within FAA formation limits), up to 450 KIAS and no lower than 1000' above the highest obstacle within 2000 ft laterally. ACC B-1s: limited to 0.9 Mach IAW Certificate of Waiver and no lower than 1000 ft above the highest obstacle within 2000 ft laterally. All other ACC acft: Limited to normal traffic pattern speeds not to exceed 350 KIAS and no lower than 1000 ft above the highest obstacle within 2000 ft laterally. Non-Aerobatic maneuvers and up to 3 passes may be conducted if coordinated and approved by 306 FTG and ACC/A3TA. Climb out and formation split ups will be IAW the special provisions as outlined in the 306 FTG FAA certificate of waiver and local ATC procedures.

Afterburner use, sequential pulls (from route echelon), and unrestricted climbs to 16,500 ft MSL (with afterburner) are authorized and may be conducted with 306 OSS/OSOE and ATC approval.

Profile 2 (ACC) Used for Non-Public/Military Events (as defined by AFI 11-209 ACC Sup Chapter 3) on USAF Academy property. NOTE: flyovers of Falcon Stadium for military only events will be coordinated with ACC/A3TA to ensure altitudes and airspeeds listed below are acceptable for the specific event.

ACC Fighters: 4 ship maximum in route, route echelon, fingertip, or tactical spread (within FAA formation limits), up to 450 KIAS and no lower than 500 ft above the highest obstacle within 2000 ft laterally. ACC B-1s: limited to 0.9 Mach IAW Certificate of Waiver and no lower than 500 ft above the highest obstacle within 2000 ft laterally. All other ACC acft: Limited to normal traffic pattern speeds not to exceed 350 KIAS and no lower than 1000' above the highest obstacle within 2000 ft laterally. Non-Aerobatic maneuvers and up to 3 passes may be conducted if coordinated and approved by 306 FTG and ACC/A3TA. Climb out and formation split ups will be IAW the special provisions as outlined in the 306 FTG FAA certificate of waiver and local ATC procedures.

Afterburner use, sequential pulls (from route echelon), and unrestricted climbs to 16,500 ft MSL (with afterburner) are authorized and may be conducted with 306 OSS/OSOE and ATC approval. authorized and may be conducted with ATC approval.

Profile 3 (ACC) Used for USAFA Funeral, Memorial Service, and Memorial Dedication events on USAF Academy property (IAW funeral and/or memorial flyover guidance in AFI 11-209, ACC Sup) where the general public is not

explicitly invited. NOTE: If the event is advertised and open to the public (USAFAI 11-209 para 1.4) altitudes will be no lower than 1000 ft AGL for all aircraft.

IAW AFI 11-209, ACC Sup 1, para 3.4.2.5, one pass, straight and level over the target at up to normal traffic pattern airspeeds (MDS-specific) not to exceed 350 KIAS, and no lower than 500 ft for ACC fighters/ ACC B-1s and 1000 ft for all other ACC acft above the highest obstacle within 2000 ft laterally. For fighters, missing man, if authorized, will be conducted IAW variations and guidance per AFI 11-209 ACC Sup para 3.4.7, 4.2.1, and Chapter 5. Climb out, and formation split up will be accomplished IAW the special provisions as outlined in the 306 FTG FAA certificate of waiver and local ATC procedures.

Afterburner use is authorized for the #3 aircraft during the missing man maneuver.

Non-Public Aircraft/Rescue (CSAR) Demonstrations over USAF Academy property.

IAW AFI 11-209, ACC Sup 1, para 3.4.5.4., Wings may conduct Aircraft/Rescue (CSAR) Demonstrations. These demonstrations must use unit aircraft, must be reflective of the units Designed Operational Capability (to include rescue and/or close air support operations), and must use normal training profiles/events per ACC's Ready Aircrew Program. The use of up to 8 fighter aircraft and 6 rescue or rescue support aircraft (fixed wing, tilt wing, or rotary) are authorized. (Requires ACC/A3 waiver for rotary or fixed-wing ops below 500 ft AGL. Examples: Fast-rope demonstrations and simulated strafe passes).