

1) Startup and shutdown areas for helicopters will be:

- a) Located at a minimum distance of 200 feet from the crowd or passenger waiting areas and measured from the critical wingtip, tail or tail rotor, or rotor-blade.
- b) Protected by appropriate barriers and/or crowd management personnel to prevent unauthorized persons from entering these areas.
- c) Located to prevent the helicopter from passing over spectators during takeoff or landing.

2) Pilots must receive the required Participants Safety Briefing by the same briefer unless relief is granted by the IIC for a different briefer to give the briefing due to remoteness of helicopter operations in reference to the event (attendance at the Participants Safety Briefing is highly recommended).

3) Refueling procedures for operations conducted during the event hours must be approved by the IIC.

4) Helicopter operations will not be permitted during military demonstration team performances, rocket launches, parachuting operations, or when a civilian performer requests all helicopter operations be suspended during their performance. The IIC may permit helicopter operations during parachuting operations if the operations are 1,000 feet from rotors turning from the parachuting landing area to not be a safety hazard (e.g., Air Venture at Oshkosh, where the helicopter operations are at a separate location from the main airfield).

#### Q. Helicopter Demonstrations.

1) **Helicopter Acts Involving External Load Operations.** Air show acts that are considered Class B, C, or D external load operations, will not be conducted over persons on the surface unless those persons are part of the act and must be conducted in accordance with 14 CFR part 133 and the provisions of the waiver. Military helicopters need not comply with part 133 but must comply with the provisions of the waiver.

2) **Helicopter Acts Involving Aerobatic Maneuvers.** Helicopters may perform aerobatic maneuvers no closer than 1,000 feet horizontally from designated spectator areas.

3) **Helicopter Acts Airworthiness Certificate Requirements.** Helicopters performing aerobatic maneuvers must have a valid and current special airworthiness or experimental certificate issued in the experimental category for the purpose of exhibition. Nothing contained in these special provisions of the CoW should be contrary to any operating or special limitation issued as a part of that special airworthiness or experimental certificate. They may be authorized as a platform for parachute demonstrations.

4) **Helicopter Abrupt Maneuvers.** Helicopters may not perform nonaerobatic abrupt maneuvers closer than 500 feet horizontally from a spectator area.