

IFR Simulated Flight Event Rules

[As of 07/01/08]

Current year rule changes are in **red bold print!**

II. Flying Event Rules

F. IFR Simulated Flight Event

1. The purpose of this event is to test contestants in a simulated, dynamic IFR flight environment while performing to the standard procedures required by the Aeronautical Information Manual (AIM) and Air Traffic Control (ATC).
2. This event will be conducted in an IFR configured simulator with an automatic computer program capable of accepting scoring parameters appropriate to a given flight.
3. All contestants for a meet will fly the same flight with the same scoring parameters.
4. Each contestant must hold an Instrument Rating.
5. Each flight may include any or all of the following: departure climbs, descents, and turns; VOR and NDB tracking; radar vectors; a non-precision approach; a precision approach; a missed approach; a landing; and all communications required to conduct an IFR flight.
6. Scoring guidelines:
 - a. Automated scoring will be based on the accepted tolerances of the Practical Test Standard (PTS) for an instrument flight check. Penalty points will accrue based on the following (actual points will be based on the flight and equipment limitations):
 - (1) 50% or less deviation - no penalty points
 - (2) 51% to 100% deviation - minor point penalty
 - (3) Greater than 100% deviation - major point penalty
 - b. Significant departure from flight plan such as wrong turns, violating protected airspace, more than 500 ft. altitude error, descent below MDA or DA will incur a gross penalty.
 - c. Discretionary penalties will be awarded by the event judge for items such as, but not limited to, the following:
 - (1) Failure to make a required position report.
 - (2) Failure to make a requested radio report.
 - (3) Failure to identify a navigation aid prior to use.
 - (4) Additional penalties based on flight scenario.
 - d. Rough and abusive mishandling of the equipment will result in disqualification and termination of the flight.
7. Actual scoring parameters and penalties for a contest will be provided by the event sponsor with the team's contestant packages.
8. The flight pattern for a contest will be given to the teams at the general contestant briefing.
9. Contestant recourse to equipment malfunction will be determined by the chief judge and the event judge.
10. A contestant may terminate a flight at any time and accept disqualification.

05/04/97 - Date of last change to this section