

# Simulated Comprehensive Aircraft Navigation (SCAN) Event Rules

[As of 07/01/08]

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

## III. Ground Event Rules

### E. SCAN (Simulated Comprehensive Aircraft Navigation)

1. Each contestant will be given identical packets which will include:
  - a. A list of approximately forty (40) questions all of which are concerning one particular hypothetical flight from a given point of departure to one or more points of destination, and return to point of departure. These questions are multiple choice, true-false, or fill-in and are divided into two parts, which are:
    - (1) Preflight planning, which should include questions concerning: FARs, weight and balance, fuel consumption, route planning, weather, and all information required for filing flight plans.
    - (2) En route - which should include questions related to chart interpretation, FARs, weather, fuel consumption, air speed, ground speed, and other items of concern which could be encountered on an actual flight.
  - b. Navigational charts to cover route of flight. (Note: a section, to cover flight, may be cut from a chart and copied to reduce the expense of supplying a chart to each contestant.)
  - c. Information, or copies of graphic displays, should be supplied to provide information concerning terminal control areas, etc., which would be encountered on a proposed flight.
  - d. Necessary information about the aircraft to be used for the flight which could include:
    - (1) weight and balance information
    - (2) operational data of aircraft
    - (3) other information from Owners Manual which would be needed.
  - e. Data page - This should include all information a pilot would need to solve problems given in the questions such as route information, conditions of flight, airplane performance, and flight altitudes.
  - f. Answer sheet - There should be space for: contestants name, contestants school, date, time of completion, spaces for each question's answer with four (4) choices.
2. Equipment which should be brought by the contestants are: non-programmable flight computer, plotter, pen, and pencil. Basic four mathematical function (addition, subtractions, multiplication, and division) non-programmable calculators will also be allowed. Electronic devices capable of storing and retrieving user inputted or commercially prepared text will not be allowed.
3. Scoring:
  - a. Answers should be equally weighted.
  - b. Final score shall be based on the total number of correct answers.
  - c. If a tie exists, the tie will be broken by the contestant with the shortest completion time.
4. This will be a timed event.

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