



GUIDELINES FOR BOUNDARY/DEADLINE JUDGES

International Aerobatic Club, Inc.

A Division of the Experimental Aircraft Association
and the National Aeronautic Association

Last Updated February 2017



GUIDELINES FOR BOUNDARY/DEADLINE JUDGES

BOUNDARY/DEADLINE JUDGES

The Boundary/Deadline judge will record each figure flown outside the Aerobatic Box during the sequence. Radio reports of each boundary crossing will be given to the Chief Judge as they occur. Boundary infringement records will be turned into the Chief Judge or designee when the flight program is complete. Please refer to the IAC *Official Contest Rules* book, section 1.16, for additional guidance.

BOUNDARY POSITIONS

Boundary positions are usually entitled South West, South East, North West, or North East, depending on the contest director and the layout of the aerobatic box.

USE OF SIGHTING DEVICE

The sighting device is made up of tubing and is used to determine if an aircraft has crossed into or out of the aerobatic box. On each sighting device there are one or two pairs of parallel tubes that are approximately 45° to the ground. The outside edge of each pair of tubes is painted a bright color. This is the working edge. These working edges define the vertical plane that is the boundary of the aerobatic box.

To use the sighting device, the boundary judge will sit under the apex of the Sighting Device, so you can look up toward the boundary past the working edges of the sighting device. Line up the brightly colored working edge of one tube with the working edge of the parallel tube using one eye. As the aircraft crosses the imaginary line in the sky, make the appropriate call on the radio.

O. R. R. R

Procedure

Prior to each series of flights, the chief judge (or his designee) will brief each person that will act as a boundary or deadline judge. The person at each boundary will act as the chief judge's eyes. To do this you will use the four-step - Observe, Report, Record, Roll call (O, R, R, R) method detailed below:

1. Observe the aircraft crossing the boundary.
2. Report the aircraft crossing the boundary to the chief judge.
3. Record the "out" on the Boundary/ Deadline Judge Worksheet.
4. Roll Call - At the end of the flight, confirm the out, and which figure.

1. Observe

Observe the aircraft crossing the boundary. Each aircraft is required to fly within a specific area as indicated on the ground by large white markers. The rules give each competitor an additional buffer zone outside of the markers before the aircraft is considered to have gone "out" of the aerobatic "box". As the boundary judge, you will watch the aircraft during its flight. Follow the flight use your form A or B to be aware of which maneuver the contestant is flying. Give the contestant the benefit of the doubt. You must see sky between any part of the aircraft and the sighting device before you consider the aircraft "out".

Example: If the aircraft is on a vertical line and is flying right along the edge of the sighting device with the aircraft out and the landing gear still behind the sighting device, the aircraft is still "in".

2. Report/Radio Procedures

You are acting as the chief judge's eyes at the boundary. Observe the aircraft and as it approaches the boundary, prepare to report by raising the radio to your lips. When you observe the aircraft going out of or into the box, report it to the chief judge or radio operator using the hand held radio. **Do not delay.**

IAC contests require a boundary call be made each time a competitor's aircraft crosses a boundary. These calls are **time critical** and include the initial entry to begin a sequence. The radio call should include



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the official name of the boundary (North, East, South or West): "IN SOUTH". Once a sequence has started, the boundary judge must call and record each crossing: "OUT SOUTH" followed by "IN SOUTH" when the competitor re-enters. If the first figure of the flight is flown completely out of the box, advise the Chief Judge upon completion of the flight.

3. Record

After the aircraft has left the vicinity of your boundary, you must record the figure number when the competitor went "out" and the figure number of "re-entry", if different on your Boundary/Deadline Judge Worksheet. If the aircraft continues to stay out for more than one figure, note these on the sheet as they occur. The contest officials will retain this worksheet to be used if necessary to clear up any disputes.

4. Roll Call

When each flight is complete, the chief judge will query each boundary judge in roll call fashion to recap any "out" and which maneuver was called out. Boundary positions are usually entitled South West, South East, North West, or North West, depending on the layout of the box and contest director.

An example would be:

Chief Judge: "*SOUTHWEST CORNER, SAY OUTS.*"

Southwest response: "SOUTHWEST CORNER HAD ONE OUT SOUTH ON FIGURE EIGHT. ONE OUT WEST ON FIGURE FOURTEEN TOTAL OF TWO OUTS".

-or-

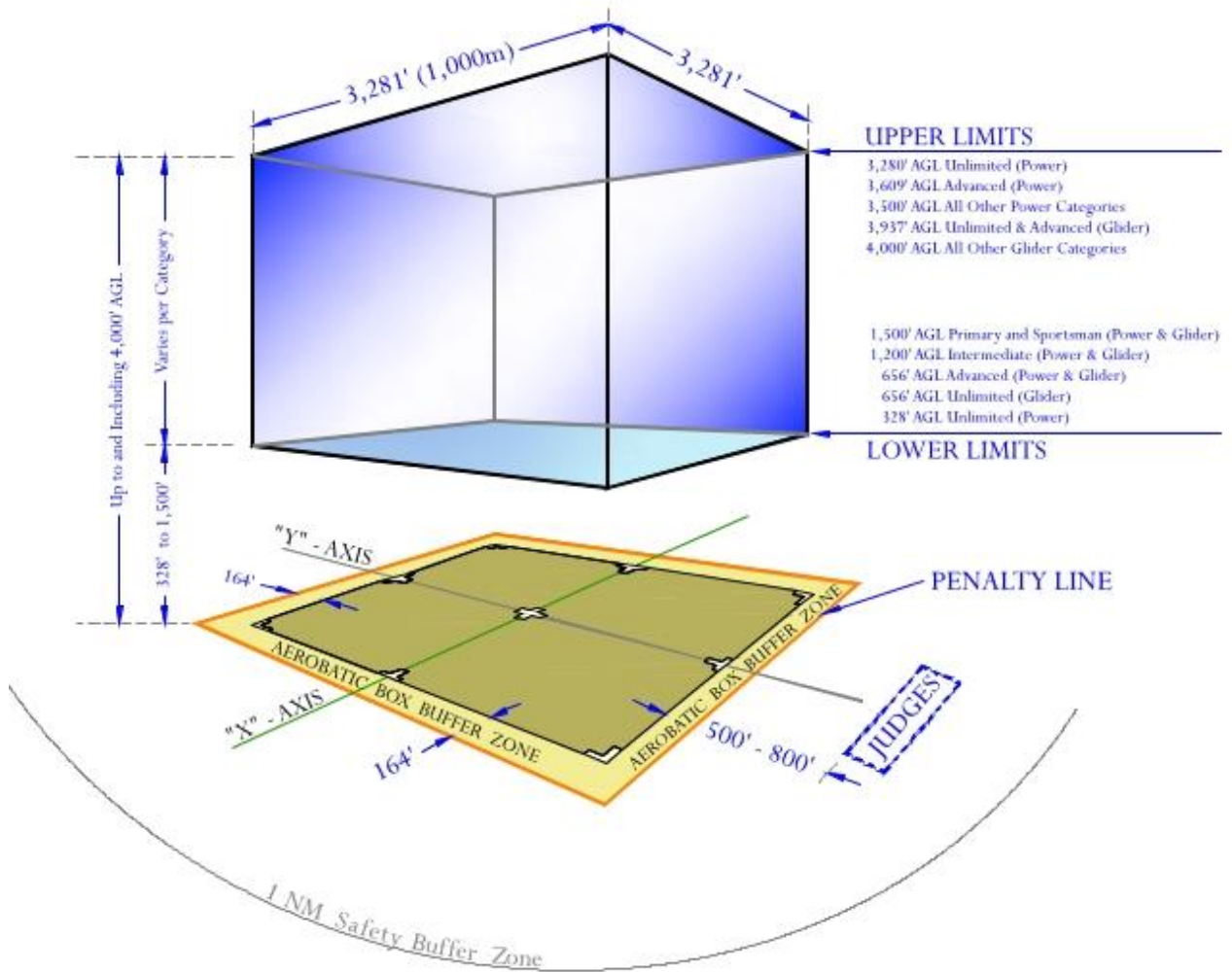
"SOUTHWEST CORNER HAD ZERO OUTS."

SAFETY

Keep an eye and ear peeled for INTRUDING non-competing aircraft and **ADVISE THE CHIEF JUDGE IMMEDIATELY!**



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AEROBATIC CONTEST BOX