



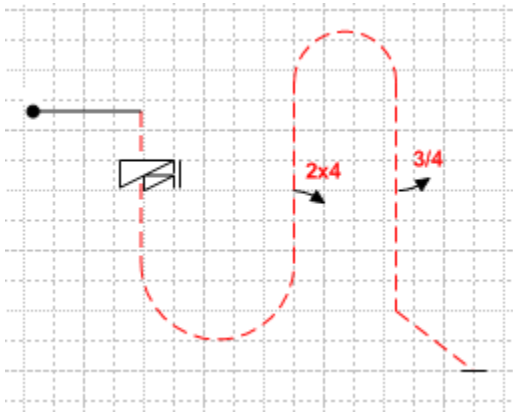
## Online Regional Judge Training Quiz

### Aresti Family 8

1. Aresti Family 8 is composed of aerobatic figures that contain
  - A. Round, square, and diamond loops
  - B. Combinations of  $\frac{1}{2}$ ,  $\frac{3}{4}$ ,  $\frac{5}{8}$ , and  $\frac{7}{8}$  loops and lines
  - C. Humpty Bumps and Wedges
  - D. Figures that change flight path direction  $800^\circ$
2. When an Aresti figure 8.4.1.1 is flown with a slow roll on the second vertical line
  - A. The roll must be initiated at the completion of the looping segment with no more than a brief, perceptible pause.
  - B. The roll must be centered on the line
  - C. The roll may be placed anywhere on the line
3. When a Diagonal Humpty Bump is flown, the half loop segment must be completed
  - A. Horizontally even with the starting point of the half loop segment
  - B. Vertically even with the starting point of the half loop segment
  - C. Diagonally opposite the starting point of the half loop segment
4. Simple Humpty Bumps and Diagonal Humpty Bumps have how many lines?
  - A. 1
  - B. 2
  - C. 3
5. When a 8.5.5.1 Half-Cuban figure begins with a full roll before transitioning into the  $\frac{5}{8}$  loop segment, the roll must
  - A. Be flown centered on the entry line
  - B. Be flown to pause following the roll, the same amount of time it took to execute the roll, before starting the looping segment
  - C. Be flown to immediately transition into the looping segment with only a brief, perceptible pause
  - D. Be integrated into the looping segment
6. An 8.6.5.2 P-Loop is flown with a roll combination 9.10.3.3  $\frac{3}{4}$  Negative Snap Roll and 9.1.3.3  $\frac{3}{4}$  Slow Roll at the apex of the  $\frac{3}{4}$  loop segment. The roll combination is observed to begin  $15^\circ$  before the apex of the looping segment and be finished  $25^\circ$  past the apex of the looping segment. The pause between the two roll elements is observed to be exactly at the apex of the looping segment. The competitor earns the score downgrade of
  - A. 0 pts
  - B. 1 pt

- C. 1.5 pts
- D. 2 pts

7. Reversing "P" Loops can have how many locations where Complementary Rolls may be flown?
  - A. 0
  - B. 1
  - C. 2
  - D. 3
  - E. 4
  
8. Double Humpty Bumps
  - A. Have two lines
  - B. Must have the two  $\frac{1}{2}$  looping segments flown with the same radius
  - C. Have 3 lines, all of which may have Complementary Roll Elements on them
  - D. Have 3 lines, which may all be vertical lines or all  $45^\circ$  lines
  
9. When a Double Humpty Bump figure is flown
  - A. The two  $\frac{1}{2}$  loop segments must be flown with the same radius
  - B. If a Complementary Roll Element is on the center line, it must be flown centered on the entry altitude
  - C. The first and third vertical lines must be flown to be the same length
  - D. The three lines may be different lengths and the two  $\frac{1}{2}$  loop segments may be flown with different radii
  
10. A competitor flies an 8.8.1.3 Double Humpty Bump figure with a 9.11.1.6 spin on the first vertical line, a 9.4.1.2 roll on the second vertical line, and a 9.1.5.3 roll on the third vertical line, as shown below.



The execution of the figure is observed to note that the Spin is over-rotated by  $5^\circ$ , the first half-loop appears to end 100' higher than its entry altitude ( $5^\circ$  higher), the roll on the second line is positioned to have the line after  $1\frac{1}{2}$  times as long as the line before, the second half-loop appears to end 100' lower than its entry altitude ( $5^\circ$  lower), the roll on the third vertical line is

positioned so that the line after the roll is visibly longer than the line before. The competitor earns the score downgrades totaling at least

- A. 0.0 pts
- B. 2.0 pts
- C. 4.0 pts
- D. 5.0 pts



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#### Answers

1. B
2. B
3. C
4. B
5. C
6. C
7. D
8. C
9. D
10. D