

## P-11 Judging Notes

**P-11.01 Figure M,  $\frac{3}{4}$ -pt. roll up,  $\frac{1}{4}$  roll down,  $\frac{1}{2}$  outside loop with integrated  $\frac{1}{2}$  roll,  $\frac{1}{4}$  roll up,  $\frac{3}{4}$  roll down:** From upright, pull to a vertical upline and perform a  $\frac{3}{4}$ -pt. roll up, followed by a stall turn. On the vertical downline, perform a  $\frac{1}{4}$  roll. Push through a half outside loop with a fully-integrated half roll. On the vertical upline, perform a  $\frac{1}{4}$  roll up, followed by a stall turn. On the vertical downline, perform a  $\frac{3}{4}$  roll, and pull to exit upright.

**P-11.02 Half reverse Cuban 8, with  $\frac{2}{4}$ -pt. roll up.** Pull to a 45 degree upline and perform two points of a four-point roll. Pull through  $\frac{5}{8}$  of an inside loop to exit upright.

**P-11.03 Two slow rolls in opposite direction:** From upright, perform a slow roll, followed by a slow roll in the opposite direction, to exit upright.

Judging notes:

- The pause between rolls is very brief.

**P-11.04 Half square loop, snap roll up, inverted exit:** From upright, pull to a vertical upline, perform a snap roll, and pull to exit inverted.

**P-11.05 4-pt. roll on 45 degrees down, inverted exit:** From inverted, pull to a 45 degree inverted downline, perform a 4-pt. roll, and push to exit inverted.

**P-11.06 Push-push-pull humpty bump,  $\frac{1}{2}$  roll up,  $\frac{2}{4}$ -pt. roll down:** From inverted, push to a vertical upline and perform a half roll. Push through a half outside loop. On the downline, perform 2 points of a 4-pt. roll, and pull to exit upright.

**P-11.07 Loop, with 8-pt. roll integrated over top 180 degrees:** From upright, complete an inside loop. Perform a fully-integrated 8-pt. roll over the top half of the loop.

Judging notes:

- The 8-pt. roll must be fully integrated on the circular flight path over 180 degrees.

**P-11.08 Half square loop on corner,  $\frac{2}{4}$ -pt. rolls, inverted exit:** From upright, pull to a 45 degree upline, and perform 2 points of a 4-pt. roll. Push through 90 degrees to a 45 degree upline, perform two points of a 4-pt. roll in either direction, and pull to exit inverted.

**P-11.09 Reverse cuban 8,  $\frac{4}{8}$ -pt. roll and  $\frac{2}{4}$ -pt. roll in on 45 degree downlines, inverted exit:** From inverted, pull to a 45 degree inverted downline, and perform 4 points of an 8-pt. roll. Pull through a  $\frac{3}{4}$  inside loop to a 45 degree inverted downline, perform 2 points of a 4-pt. roll, and pull through  $\frac{5}{8}$  of an inside loop to exit inverted.

**P-11.10 Half loop with  $\frac{1}{2}$  roll, inverted exit:** From inverted, pull through a half inside loop, followed immediately by a half roll, to exit inverted.

**P-11.11 Reverse 8-pt roll ( $\frac{4}{8}$ -pt. rolls in opposite direction), inverted exit:** From inverted, perform 4 points of an 8-pt roll in one direction, followed by 4 points of an 8-pt. roll in the opposite direction, to exit inverted.

**P-11.12 Stall turn,  $\frac{2}{4}$ -pt. roll up, full roll down:** From inverted, push to a vertical upline, perform 2 points of a 4-pt. roll, followed by a stall turn. On the vertical downline, perform a roll, and pull to exit upright.

**P-11.13 Double immelmann,  $\frac{2}{4}$ -pt. roll and full roll, inverted exit:** From upright, pull to complete a half inside loop, followed immediately by 2 points of a 4-pt. roll. Push through a half outside loop, followed immediately by a roll, to exit inverted.

Judging notes:

- The  $\frac{2}{4}$ -pt. roll and full roll must follow immediately after the part-loops.
- The length of the upper horizontal line (including part-roll) is equal to the diameter of the half loops.

**P-11.14**      **Figure 9, full roll up:** From inverted, push to a vertical upline, and perform a roll. Pull through a  $\frac{3}{4}$  inside loop to exit upright.

**P-11.15**      **Opposite knife-edge:** From upright, on a horizontal line, perform a  $\frac{1}{4}$  roll to knife-edge. Perform a  $\frac{1}{2}$  roll in the opposite direction, to knife-edge, and perform a  $\frac{1}{4}$  roll to exit upright.

Judging notes:

- The knife-edge segments must be of equal length, and must be long enough to demonstrate controlled, sustained knife-edge flight.

**P-11.16**      **Figure 8, full outside loop,  $\frac{1}{2}$  loop on top, inverted exit:** From upright, push to perform a complete outside loop, followed by a half loop, to exit inverted.

**P-11.17**      **2  $\frac{1}{4}$  inverted spins in opposite directions, with  $\frac{1}{2}$  roll exit:** Perform 2  $\frac{1}{4}$  consecutive inverted (negative) spins, followed immediately by 2  $\frac{1}{4}$  consecutive inverted (negative) spins in the opposite direction. Push through a  $\frac{1}{4}$  loop to horizontal, and perform a  $\frac{1}{2}$  roll to exit upright.

Judging notes:

- Snap entry, zero points.
- Forced entry, downgrade.
- Spin reversal is immediate.