

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.