# Preliminary Manoeuvres - Schedule F3P-AP-19 (2018-2019)

#### AP-19.01 Square Loop with \( \frac{1}{2} \) roll, \( \frac{1}{2} \) roll, \( \frac{1}{2} \) roll

From upright, pull through a 1/4 loop into a vertical upline, perform a  $\frac{1}{4}$  roll. perform a  $\frac{1}{4}$  knife-edge loop into a knife-edge horizontal line, perform a  $\frac{1}{2}$  roll, perform a  $\frac{1}{4}$  knife-edge loop into a vertical downline, perform a  $\frac{1}{4}$  roll, pull through a  $\frac{1}{4}$  loop, exit upright.

## AP-19.02 Half Reverse Knife-Edge Cuban Eight

From upright, pull through a  $^{1}/_{8}$  loop into a 45° upline, perform a  $^{1}/_{4}$  roll, perform  $^{5}/_{8}$  knife-edge loop perform a  $^{1}/_{4}$  roll, exit upright.

#### AP-19.03 Horizontal Eye Catcher with 3/4 rolls integrated

From upright, perform two consecutive <sup>3</sup>/<sub>4</sub> circles while integrating a <sup>3</sup>/<sub>4</sub> roll into the first <sup>3</sup>/<sub>4</sub> circle and a second <sup>3</sup>/<sub>4</sub> roll in opposite direction into the second <sup>3</sup>/<sub>4</sub> circle, exit upright.

#### AP-19.04 Double Humpty Bumps with 3/4 torque rolls

From upright, pull through a  $\frac{1}{4}$  loop into a vertical upline, perform a  $\frac{3}{4}$  torque roll, pull through a  $\frac{1}{2}$  loop into a vertical downline, push through a  $\frac{1}{4}$  loop into inverted flight, push through a  $\frac{1}{4}$  loop into a vertical upline, perform a  $\frac{3}{4}$  torque roll, push through a  $\frac{1}{2}$  loop into a vertical downline, push through a  $\frac{1}{4}$  loop, exit inverted.

# AP-19.05 Knife-Edge Roll Combination with ¼ roll, four consecutive 1/8 rolls, ¼ roll

From inverted, perform a ¼ roll into sustained knife-edge flight, perform consecutively four <sup>1</sup>/<sub>8</sub> rolls in opposite direction, into sustained knife-edge flight, perform a ¼ roll, exit inverted.

# AP-19.06 Half Square Loop with two consecutive opposite ½ rolls

From inverted, push through a ¼ loop into a vertical upline, perform consecutively two ½ rolls in opposite direction, push through a ¼ loop, exit upright.

# AP-19.07 Eye Catcher with 1/2 rolls integrated

From upright, push through a  $\frac{3}{4}$  loop while integrating a  $\frac{1}{2}$  roll into the first 180 degrees of the  $\frac{3}{4}$  loop, push through a second  $\frac{3}{4}$  loop while integrating a  $\frac{1}{2}$  roll into the last 180 degrees of the  $\frac{3}{4}$  loop, exit upright.

# AP-19.08 Figure M with ½ rolls

From upright, pull through a  $\frac{1}{4}$  loop into a vertical upline, perform a  $\frac{1}{2}$  roll, perform a stall turn into a vertical downline, perform a  $\frac{1}{2}$  knife edge loop into a vertical upline, perform a  $\frac{1}{2}$  roll, perform a stall turn into a vertical downline, pull through a  $\frac{1}{4}$  loop, exit upright.

# AP-19.09 Horizontal Square with $^3\!\!4$ roll, two consecutive $^1\!\!4$ rolls, $^1\!\!4$ roll, two consecutive $^1\!\!4$ rolls, $^1\!\!4$ roll

From upright, perform a  $\frac{3}{4}$  roll in the centre, perform a  $\frac{1}{4}$  knife edge circle, perform consecutively two  $\frac{1}{4}$  rolls, perform a  $\frac{1}{4}$  knife edge circle, perform a  $\frac{1}{4}$  knife edge circle, perform consecutively two  $\frac{1}{4}$  rolls, perform a  $\frac{1}{4}$  knife edge circle, perform a  $\frac{1}{4}$  roll, exit inverted.

#### AP-19.10 Corner Combination with 3/4 roll

From inverted perform a  $\frac{1}{4}$  circle with wing level into a cross box line, push through a  $\frac{1}{4}$  loop into a vertical upline, perform a  $\frac{3}{4}$  roll, push through a  $\frac{1}{4}$  loop, exit upright.

#### AP-19.11 Triangle Loop with 1/4 roll, 1/4 roll

From upright, push through a  $^{3}$ /<sub>8</sub> loop into a 45° downline, perform a  $^{1}$ /<sub>4</sub> roll into knife edge, perform a  $^{1}$ /<sub>4</sub> knife edge loop into a 45° upline, perform a  $^{1}$ /<sub>4</sub> roll push through a  $^{3}$ /<sub>8</sub> loop, exit upright.