Manoeuvre Descriptions for F- Schedule Design Proposals "DRAFT 07"

Semi-Final and Final Schedule F-13 (2012-2013)

F-13.01 Humpty-Bump with 3/4 roll up, 1/2 knife-edge loop, 3/4 roll down

From upright, pull through a 1/4 loop into a vertical upline, perform a 3/4 roll, perform a 1/2 loop in knife-egde flight into a vertical downline, perform a 3/4 roll, push through a 1/4 loop, exit inverted.

F-13.02 Half Square Loop with consecutive 1/2 roll, roll in opposite direction

From inverted, push through a ¹/₄ loop into a vertical upline, perform consecutively a ¹/₂ roll and a roll in opposite direction, pull through a ¹/₄ loop, exit inverted.

F-13.03 Loop with consecutive four 1/2 rolls in opposite directions integrated

From inverted, pull through a loop while performing conecutively four ¹/₂ rolls in opposite directions, integrated in each 90° of the loop, exit inverted.

F-13.04 Figure 6 with stall turn, consecutive two 1/4 rolls down

From inverted, pull through a ³/₄ loop into a vertical upline, perform a stall turn into a vertical downline, perform consecutively two ¹/₄ rolls, pull through a ¹/₄ loop, exit upright.

F-13.05 Roll Combination with consecutive 1/4 roll, two snap rolls in opposite directions, 1/4 roll

From inverted, perform consecutively a ¼ roll, a snap roll, another snap roll in opposite direction, and a ¼ roll, exit upright.

F-13.06 Shark Fin with roll up, consecutive two 1/4 rolls down

From upright, pull through a 1/8 loop into a 45° upline, perform a roll, push through a 3/8 loop into a vertical downline, perform consecutively two 1/4 rolls, pull through a 1/4 loop, exit upright

F-13.07 Horizontal Circle 8 with consecutive two rolls

From upright, perform a ¹/₄ horizontal circle while performing the first ¹/₄ of consecutive two rolls to the outside, then while continuing the rolling (¹/₄ of the rolls per ¹/₄ of the circles), perform immediately another (full) circle in the opposite direction, then, while continuing the rolling accordingly finish the remaining ³/₄ of the first circle, exit upright.

F-13.08 Pull-Push-Push Humpty-Bump with consecutive four ¹/₄ rolls up, roll down

From upright, pull through a ¹/₄ loop into a vertical upline, perform consecutively four ¹/₄ rolls, push through a ¹/₂ loop into a vertical downline, perform a roll, push through a ¹/₄ loop, exit inverted.

F-13.09 45° Upline with consecutive four 1/8 rolls, 1 ¹/₂ snap roll in opposite direction

From upright, pull through a 1/8 loop into a 45° upline, perform consecutively four 1/8 rolls, and 1 ¹/₂ snap roll in opposite direction, push through a 1/8 loop, exit upright.

F-13.10 Reverse Top Hat with ³/₄ roll down, ¹/₄ rolls up (Option: roll down, consecutive two ¹/₄ rolls up)

From upright, push through a ¹/₄ loop into a vertical downline, perform a ³/₄ roll, push through a ¹/₄ loop into a horizontal line, push through a ¹/₄ loop into a vertical upline, perform a ¹/₄ roll, push through a ¹/₄ loop, exit upright.

Option: From upright, push through a ¼ loop into a vertical downline, perform a roll, push through a ¼ loop into a horizontal line, push through a ¼ loop into a vertical upline, perform consecutively two ¼ rolls, push through a ¼ loop, exit upright.

F-13.11 Clown Dance with 1/2 loop, inverted spin, 2 1/2 turns, consecutive two 1/4 rolls down

From upright, pull through a 1/2 loop into a horizontal line, perform an inverted spin with 2 1/2 turns, perform a vertical downline, perform consecutively two 1/4 rolls, pull through a 1/4 loop, exit upright.

F-13.12 Fighter Turn with two 1/4 rolls

From upright, pull through a 1/8 loop into a 45° upline, perform a $\frac{1}{4}$ roll, push through $\frac{1}{2}$ circle, to a 45° downline, perform a $\frac{1}{4}$ roll, pull through a 1/8 loop, exit upright.

F-13.13 Knife-Edge Loop with integrated roll on top 90°

From upright, perform a ¹/₄ roll, perform a loop in knife-edge flight while performing a roll integrated in the top 90° of the loop, perform a ¹/₄ roll, exit upright.

F-13.14 Reverse Cuban 8 with snap roll up

From upright, pull through a 1/8 loop into a 45° upline, perform a snap roll, push through a 5/8 loop, exit inverted.

F-13.15 Triangle with consecutive two 1/4 rolls in each line

From inverted, push through a 3/8 loop into a 45° upline, perform consecutively two 1/4 rolls, pull through a 1/4 loop into a 45° downline, perform consecutively two 1/4 rolls, push through a 3/8 loop into a horizontal line, perform consecutively two 1/4 rolls, exit upright.

F-13.16 ¹/₂ Loop with roll integrated

From upright, pull through a 1/2 loop, while performing a roll integrated, exit inverted.

F-13.17 45° Downline with consecutive two 1/8 roll, roll, two 1/8 roll in opposite directions

From inverted, pull through a 1/8 loop into a 45° downline, perform consecutively a ¼ roll, a roll in opposite direction, and another ¼ roll in opposite direction, pull through a 1/8 loop, exit upright.

Semi-Final and Final Schedule F-15 (2014-2015)

F-15.01 Double Immelman with 1/2 rolls in both 1/2 loops integrated, two consecutive two 1/4 rolls in opposite direction to integrated rolls.

From upright, pull through a $\frac{1}{2}$ loop while performing a $\frac{1}{2}$ roll integrated, immediately followed by consecutive two $\frac{1}{4}$ rolls in opposite direction to the integrated roll, perform a horizontal line, pull through a $\frac{1}{2}$ loop while performing a $\frac{1}{2}$ roll, immediately followed by two consecutive two $\frac{1}{4}$ rolls in opposite direction to the integrated roll, exit upright.

F-15.02 Stall Turn with consecutive three 1/4 rolls up, 1 1/4 snap rolls down

From upright, pull through a ¼ loop into a vertical upline, perform consecutively three ¼ rolls, perform a stall turn into a vertical downline, perform 1 ¼ snap roll, push through a ¼ loop, exit inverted.

F-15.03 Golf Ball with two ³/₄ roll up, knife-edge loop with snap roll, ³/₄ roll down

From inverted, push through a 1/8 loop into a 45° upline, perform a ³/₄ roll, perform a ³/₄ loop in knife-edge flight with a snap roll on top into a 45° downline, perform a ³/₄ roll, pull through a 1/8 loop, exit upright.

F-15.04 ¹/₂ Square Loop with consecutive two snap rolls in opposite directions

From upright, pull through a 1/4 loop into a vertical upline, perform consecutively a snap roll and another snap roll in opposite direction, pull through a 1/4 loop, exit inverted.

F-15.05 Loop with consecutive two 1/2 rolls in opposite directions integrated

From inverted, pull through a loop while performing a $\frac{1}{2}$ roll integrated in the first 180° of the loop and another $\frac{1}{2}$ roll in opposite direction integrated in the second 180° of the loop, exit inverted.

F-15.06 Inverted Spin with 2 ¹/₂ turns, ¹/₂ roll down

From inverted, perform an inverted spin with 2 $\frac{1}{2}$ turns, perform a vertical downline, perform a $\frac{1}{2}$ roll, pull through a $\frac{1}{4}$ loop, exit upright.

F-15.07 Horizontal Triangular Circle with 1/4 roll, 1/2 outside rolls in each corner integrated

From upright, perform a ¹/₄ roll in the center, perform a horizontal triangular circle of equal side lengths while performing a ¹/₂ roll to the outside in each corner integrated, perform a ¹/₄ roll in the center, exit upright.

F-15.08 Top Hat with consecutive two 1/4 rolls up, snap roll down (Option: Consecutive three 1/4 rolls up, 1 1/4 snap roll down)

From upright, pull through a ¼ loop into a vertical upline, perform consecutively two ¼ rolls, pull through a ¼ loop into a horizontal line, pull through a ¼ loop into a vertical down line, perform a snap roll, pull through a ¼ loop, exit upright.

Option: From upright, pull through a ¼ loop into a vertical upline, perform consecutively three ¼ rolls, pull through a ¼ loop into a horizontal line, pull through a ¼ loop into a vertical down line, perform a 1 ¼ snap roll, pull through a ¼ loop, exit upright

F-15.09 Vertical Cuban 8 with consecutive four 1/8 rolls up, consecutive two 1/2 rolls down

From upright, pull through a 3/8 loop into a 45° upline, perform consecutively four 1/8 rolls, pull through a $\frac{3}{4}$ loop into a 45° downline, perform consecutively two $\frac{1}{2}$ rolls, push through a 3/8 loop, exit inverted.

F-15.10 ¹/₂ Square Loop on Corner with ¹/₂ roll integrated in ¹/₄ loop

From inverted, push through a 1/8 loop into a 45° upline, push through a $\frac{1}{4}$ loop into a 45° upline, while performing a $\frac{1}{2}$ roll integrated in the $\frac{1}{4}$ loop, pull through a $\frac{1}{8}$ loop, exit inverted.

F-15.11 Horizontal Hour-Glass with consecutive two ¼ rolls, two ¼ rolls in opposite direction, consecutive two ¾ rolls in opposite directions

From inverted, pull through a ¹/₄ loop into a vertical downline, pull through a 3/8 loop into a 45° upline, perform consecutively two ¹/₄ rolls and another two ¹/₄ rolls in opposite direction, push through a 3/8 loop into a vertical downline, push through a 3/8 loop into a 45° upline, perform consecutively a ³/₄ roll immediately and another ³/₄ roll in opposite direction, pull through a 1/8 loop, exit inverted.

F-15.12 Half Square Loop with consecutive two ½ rolls

From inverted, push through a 1/4 loop into a vertical downline, perform consecutively two 1/2 rolls, pull through a 1/4 loop, exit upright.

F-15.13 Figure 9 with consecutive four 1/4 rolls up, 3/4 loop with roll integrated in top 180°

From upright, pull through a 1/4 loop into a vertical upline, perform consecutively four 1/4 rolls, pull through a 3/4 loop while performing a roll integrated in the top 180° of the 3/4 loop, exit upright.

F-15.14 Split S with 1 ¹/₂ snap roll

From upright, perform 1 1/2 snap roll and immediately pull through a 1/2 loop, exit upright

F-15.15 Roll Combination with consecutive four rolls in opposite directions

From upright, perform consecutively four rolls in opposite directions, exit upright.

F-15.16 Pull-Pull-Push Hupty-Bump with two 1/2 roll in opposite direction up, roll down

From upright, pull through a $\frac{1}{2}$ loop into a vertical upline, perform consecutivelx two $\frac{1}{2}$ rolls in opposite direction, pull through a $\frac{1}{2}$ loop into a vertical downline, perform a roll, push through a $\frac{1}{4}$ loop, exit inverted.

F-15.17 Stall Turn with consecutive six 1/8 rolls up, 1 ³/₄ snap roll down

From inverted, push through a $\frac{1}{4}$ loop into a vertical upline, perform consecutively six $\frac{1}{8}$ rolls, perform a stall turn into a vertical downline, perform $1 \frac{3}{4}$ snap roll, pull through a $\frac{1}{4}$ loop, exit upright.