

## **FINAL SCHEDULE F-17 (2016-2017) – Manoeuvre Descriptions**

### **Triangle with two consecutive $\frac{1}{4}$ rolls, two consecutive rolls, two consecutive $\frac{1}{4}$ rolls**

From upright, pull through a  $\frac{3}{8}$  loop into a  $45^\circ$  upline, perform two consecutive  $\frac{1}{4}$  rolls, pull through a  $\frac{3}{8}$  loop into a horizontal line, perform two consecutive rolls in opposite direction, pull through a  $\frac{3}{8}$  loop into a  $45^\circ$  downline, perform two consecutive  $\frac{1}{4}$  rolls, pull through a  $\frac{3}{8}$  loop, exit upright.

### **Turnaround-Avalanche with snap-roll**

From upright, pull through a  $\frac{1}{4}$  loop, push through a  $\frac{3}{4}$  loop while performing a snap-roll on top, exit inverted.

### **Roll Combination with consecutive $\frac{1}{2}$ roll, two $1\frac{1}{4}$ snap-rolls, $\frac{1}{2}$ roll**

From inverted, perform consecutively a  $\frac{1}{2}$  roll, a  $1\frac{1}{4}$  snap-roll, a  $1\frac{1}{4}$  snap-roll in opposite direction, a  $\frac{1}{2}$  roll, exit inverted.

### **Half Square Loop with two consecutive $\frac{1}{4}$ rolls, two consecutive $\frac{1}{4}$ rolls**

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

### **Two Loops with rolls integrated**

From upright, push through a loop while performing a roll integrated, push through another loop, while performing a roll integrated in opposite direction, exit upright.

### **Half Square Loop with consecutive roll, $\frac{1}{2}$ roll**

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

### **Barrel-Roll**

From upright, pull through a  $\frac{1}{8}$  loop into a  $45^\circ$  upline, perform a barrel-roll with  $45^\circ$  spiral pitch, perform a  $45^\circ$  upline, push through a  $\frac{1}{8}$  loop, exit upright.

### **Knife-Edge Split S Reverse Immelmann Combination with $\frac{1}{4}$ roll, $\frac{3}{4}$ roll**

From upright, perform a  $\frac{1}{4}$  roll, immediately perform a  $\frac{1}{2}$  knife-edge loop down, immediately perform a  $\frac{3}{4}$  roll, exit inverted.

### **Horizontal Double Immelmann Circle with $\frac{1}{4}$ roll, $\frac{1}{2}$ roll integrated, $1\frac{1}{2}$ snap-roll, $\frac{1}{2}$ roll integrated, $1\frac{1}{2}$ snap-roll, $\frac{1}{4}$ roll**

From inverted, perform a  $\frac{1}{4}$  roll in the centre into a sustained knife-edge flight, perform a  $\frac{1}{2}$  circle while performing a half roll to the outside integrated, immediately followed by a  $1\frac{1}{2}$  snap roll in opposite direction, perform a sustained knife-edge flight, perform a  $\frac{1}{2}$  circle while performing a  $\frac{1}{2}$  roll to the outside integrated, immediately followed by a  $1\frac{1}{2}$  snap-roll in opposite direction, perform a sustained knife-edge flight, perform a  $\frac{1}{4}$  roll in the centre, exit inverted.

### **Figure 6 with stall turn, roll**

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

### **Inverted Top Hat with $\frac{1}{4}$ roll, roll, $\frac{1}{4}$ roll**

From inverted, pull through a  $\frac{1}{4}$  loop into a vertical downline, perform  $\frac{1}{4}$  roll, perform a  $\frac{1}{4}$  knife-edge loop into a sustained knife-edge flight, perform a roll, perform a  $\frac{1}{4}$  knife-edge loop into a vertical upline, perform a  $\frac{1}{4}$  roll, push through a  $\frac{1}{4}$  loop, exit upright.

**Figure 9 with consecutive  $\frac{1}{2}$  roll, roll**

From upright, pull through a  $\frac{3}{4}$  loop into a vertical downline, perform consecutively a  $\frac{1}{2}$  roll, a roll in opposite direction, pull through a  $\frac{1}{4}$  loop, exit upright.

**Big-M with two consecutive  $\frac{1}{4}$  rolls,  $\frac{1}{2}$  roll,  $\frac{1}{2}$  roll integrated,  $\frac{1}{2}$  roll, two consecutive  $\frac{1}{4}$  rolls**

From upright, pull through a  $\frac{1}{4}$  loop into a vertical upline, perform two consecutive  $\frac{1}{4}$  rolls, perform a  $\frac{1}{2}$  knife-edge loop into a vertical downline, perform a  $\frac{1}{2}$  roll, push through a  $\frac{1}{2}$  loop into a vertical upline while performing a  $\frac{1}{2}$  roll integrated, perform a  $\frac{1}{2}$  roll, perform a  $\frac{1}{2}$  knife-edge loop into a vertical downline, perform two consecutive  $\frac{1}{4}$  rolls, push through a  $\frac{1}{4}$  loop, exit inverted.

**Half Square Knife-Edge Loop on Corner with  $\frac{1}{4}$  roll,  $\frac{1}{4}$  roll**

From inverted, push through a  $\frac{1}{8}$  loop into a  $45^\circ$  upline, perform a  $\frac{1}{4}$  roll, perform a  $\frac{1}{4}$  knife-edge loop into a  $45^\circ$  upline, perform a  $\frac{1}{4}$  roll, push through a  $\frac{1}{8}$  loop, exit upright.

**Figure Z with snap-roll, consecutive  $\frac{1}{2}$  roll, roll,  $\frac{1}{2}$  roll, snap-roll**

From upright, perform a snap-roll in the centre, push through a  $\frac{3}{8}$  loop into a  $45^\circ$  downline, perform consecutively a  $\frac{1}{2}$  roll, roll,  $\frac{1}{2}$  roll in opposite directions, pull through a  $\frac{3}{8}$  loop, perform a snap-roll in the centre, exit upright.

**Clown Dance with  $\frac{1}{2}$  roll integrated, spin 2 turns,  $\frac{1}{2}$  roll**

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

**Knife-Edge Loop with consecutive eight  $\frac{1}{8}$  rolls integrated**

From inverted, perform a  $\frac{1}{4}$  roll, perform a knife-edge loop while performing consecutively eight  $\frac{1}{8}$  rolls integrated in the top  $180^\circ$ , perform a  $\frac{1}{4}$  roll, exit upright.