C.5 Half Loop from the bottom with <sup>1</sup>/<sub>4</sub> Roll on entry, Knife-edge half loop, <sup>3</sup>/<sub>4</sub> Roll on Exit (K4) C.6 Half Loop from the bottom with <sup>1</sup>/<sub>4</sub> Roll on entry, Knife-edge half loop, <sup>3</sup>/<sub>4</sub> Roll on Exit, Inverted Exit (K4)

C.7 Half Loop from the top with ¼ Roll on entry, Knife-edge half loop, ¾ Roll on Exit (K4) C.8 Half Loop from the top with ¼ Roll on entry, Knife-edge half loop, ¾ Roll on Exit, Inverted Exit (K4)

<u>C.9 Half Loop from the bottom with ¼ Roll on entry, Knife-edge half loop, ¾ Roll on Exit,</u> Inverted Entry, Inverted Exit (K4)

C.10 Half Loop from the top with 1/4 Roll on entry, Knife-edge half loop, 3/4 Roll on Exit, Inverted Entry, Inverted Exit (K4)

K.9 45 degree up,  $\frac{1}{4}$  roll,  $\frac{1}{2}$  loop (inside or outside – knife-edge), three  $\frac{1}{4}$  rolls down (K4) K.10 45 degree up,  $\frac{3}{4}$  roll,  $\frac{1}{2}$  loop (inside or outside – knife-edge), three  $\frac{1}{4}$  rolls down (K4) K.11 45 degree up, three  $\frac{1}{4}$  rolls,  $\frac{1}{2}$  loop (inside or outside – knife-edge),  $\frac{1}{4}$  roll down (K4) K.12 45 degree up,  $\frac{3}{4}$  roll,  $\frac{1}{2}$  loop (inside or outside – knife-edge),  $\frac{3}{4}$  Snap roll down (K5)

K.12 45 degree up, <sup>7</sup>/<sub>4</sub> roll, <sup>7</sup>/<sub>2</sub> loop (inside or outside – knife-edge), <sup>7</sup>/<sub>4</sub> shap roll down (K5) K.13 45 degree up, <sup>1</sup>/<sub>4</sub> roll, <sup>1</sup>/<sub>2</sub> loop (inside or outside – knife-edge), three <sup>1</sup>/<sub>4</sub> rolls down, Inverted Exit (K4)

K.14 45 degree up, <sup>3</sup>/<sub>4</sub> roll, <sup>1</sup>/<sub>2</sub> loop (inside or outside – knife-edge), three <sup>1</sup>/<sub>4</sub> rolls down, Inverted Exit (K4)

K.15 45 degree up, three ¼ rolls, ½ loop (inside or outside – knife-edge), ¼ roll down, Inverted Exit (K4)

K.16 45 degree up, ¾ roll, ½ loop (inside or outside – knife-edge), ¾ Snap roll down, Inverted Exit (K5)

K.17 45 degree up, ¼ roll, ½ loop (inside or outside – knife-edge), three ¼ rolls down, Inverted Entry (K4)

K.18 45 degree up, <sup>3</sup>/<sub>4</sub> roll, <sup>1</sup>/<sub>2</sub> loop (inside or outside – knife-edge), three <sup>1</sup>/<sub>4</sub> rolls down, Inverted Entry (K4)

K.19 45 degree up, three ¼ rolls, ½ loop (inside or outside – knife-edge), ¼ roll down, Inverted Entry (K4)

K.20 45 degree up, <sup>3</sup>/<sub>4</sub> roll, <sup>1</sup>/<sub>2</sub> loop (inside or outside – knife-edge), <sup>3</sup>/<sub>4</sub> Snap roll down, Inverted Entry (K5)

K.21 45 degree up, 1/4 roll, 1/2 loop (inside or outside – knife-edge), three 1/4 rolls down, Inverted Entry and Inverted Exit (K4)

K.22 45 degree up, <sup>3</sup>/<sub>4</sub> roll, <sup>1</sup>/<sub>2</sub> loop (inside or outside – knife-edge), three <sup>1</sup>/<sub>4</sub> rolls down, Inverted Entry and Inverted Exit (K4)

K.23 45 degree up, three 1/4 rolls, 1/2 loop (inside or outside – knife-edge), 1/4 roll down, Inverted Entry and Inverted Exit (K4)

K.24 45 degree up, <sup>3</sup>/<sub>4</sub> roll, <sup>1</sup>/<sub>2</sub> loop (inside or outside – knife-edge), <sup>3</sup>/<sub>4</sub> Snap roll down, Inverted Entry and Inverted Exit (K5)

<u>N.1 Half Square Loop on Corner with Full Snap Roll on first leg, Full Snap Roll on second leg</u> (K5)

N.2 Half Square Loop on Corner with 1/4 Roll on first leg, 1/4 Roll on second leg (K3)

N.3 Half Square Loop on Corner with 1/4 Roll on first leg, 3/4 Roll on second leg (K3)

N.4 Half Square Loop on Corner with 1 <sup>1</sup>/<sub>4</sub> Snap Roll on first leg, <sup>3</sup>/<sub>4</sub> Roll on second leg (K4) N.5 Half Square Loop on Corner with 1 <sup>1</sup>/<sub>4</sub> Snap Roll on first leg, 1 <sup>1</sup>/<sub>4</sub> Snap Roll on second leg (K5)

N.6 Half Square Loop on Corner, Inverted Entry, with Full Snap Roll on first leg, Full Snap Roll on second leg, Inverted Exit (K5)

N.7 Half Square Loop on Corner, Inverted Entry, with <sup>1</sup>/<sub>4</sub> Roll on first leg, <sup>1</sup>/<sub>4</sub> Roll on second leg, Inverted Exit (K3)

N.8 Half Square Loop on Corner, Inverted Entry, with 1/4 Roll on first leg, 3/4 Roll on second leg, Inverted Exit (K3)

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<u>N.9 Half Square Loop on Corner, Inverted Entry, with 1 ¼ Snap Roll on first leg, ¾ Roll on</u> second leg, Inverted Exit (K4)

N.10 Half Square Loop on Corner, Inverted Entry, with 1 ¼ Snap Roll on first leg, 1 ¼ Snap Roll on second leg, Inverted Exit (K5)

F.41 Half Cuban Eight with 1/2 Roll integrated into 5/8 loop (K3)

F.42 Half Cuban Eight with Full Roll integrated into 5/8 loop, Inverted Exit (K4)

F.43 Half Cuban Eight, Inverted Entry, with ½ Roll integrated into 5/8 loop, Inverted Exit (K3)

F.44 Half Cuban Eight, Inverted Entry, with Full Roll integrated into 5/8 loop (K4)

J.17 Top Hat, Three 1/4 Rolls up, 1 3/4 Snap Roll down (K4)

J.18 Top Hat, Three 1/4 Rolls up, 1 3/4 Snap Roll down, Inverted Entry (K4)

J.19 Top Hat, Three 1/4 Rolls up, 1 3/4 Snap Roll down, Inverted Exit (K4)

J.20 Top Hat, Three ¼ Rolls up, 1 ¾ Snap Roll down, Inverted Entry and Exit (K4)

J.21 Top Hat, <sup>3</sup>/<sub>4</sub> Roll up, 1 <sup>1</sup>/<sub>4</sub> Snap Roll down (K4)

J.22 Top Hat, <sup>3</sup>/<sub>4</sub> Roll up, 1 <sup>1</sup>/<sub>4</sub> Snap Roll down, Inverted Entry (K4)

<u>J.23 Top Hat, <sup>3</sup>/<sub>4</sub> Roll up, 1 <sup>1</sup>/<sub>4</sub> Snap Roll down, Inverted Exit (K4)</u>

J.24 Top Hat, <sup>3</sup>/<sub>4</sub> Roll up, 1 <sup>1</sup>/<sub>4</sub> Snap Roll down, Inverted Entry and Exit (K4)

J.25 Top Hat, 1/2 Roll up, 1 Snap Roll down (K3)

J.26 Top Hat, <sup>1</sup>/<sub>2</sub> Roll up, 1 Snap Roll down, Inverted Entry and Exit (K3)

E.45 Figure 9 from bottom, One Full Snap Roll up (K3)

E.46 Figure 9 from bottom, One Full Snap Roll up, Inverted Entry (K3)

E.47 Figure 9 from bottom, 1 1/2 Snap Rolls up (K3)

E.48 Figure 9 from bottom, 1 1/2 Snap Rolls up, Inverted Entry (K3)

E.49 Figure 9 from bottom, Integrated Full Roll in top 180 degrees of loop (K3)

E.50 Figure 9 from bottom, Integrated Full Roll in top 180 degrees of loop, Inverted Entry (K3)

E.51 Figure 6 from top, Integrated 1/2 Roll on bottom 180 degrees of loop (K3)

E.52 Figure 6 from top, Integrated ½ Roll on bottom 180 degrees of loop, Inverted Entry (K3)

J.17 Top Hat from top with 2 <sup>1</sup>/<sub>4</sub> turn Spin entry, <sup>3</sup>/<sub>4</sub> Roll up (K4)

J.18 Top Hat from top with 2 1/4 turn Spin entry, 3/4 Roll up, Inverted Entry (K4)

J.19 Top Hat from top with 2 <sup>1</sup>/<sub>4</sub> turn Spin entry, <sup>3</sup>/<sub>4</sub> Roll up, Inverted Exit (K4)

J.20 Top Hat from top with 2 1/4 turn Spin entry, 3/4 Roll up, Inverted Entry and Exit (K4)

J.21 Top Hat from top with 2 turn Spin entry, Full Roll up (K3)

J.22 Top Hat from top with 2 turn Spin entry, Full Roll up, Inverted Entry (K3)

J.23 Top Hat from top with 2 turn Spin entry, Four 1/4 Rolls up (K3)

J.24 Top Hat from top with 2 turn Spin entry, Four 1/4 Rolls up, Inverted Entry (K3)

<u>Reason</u>: Increase the difficulty of turnaround manoeuvres by adding higher K-Factor manoeuvres with different manoeuvre elements.