



The Model Aerobatic Association  
of South Africa

## MAASA P15 SCHEDULE (from January 2014)

### **P-15.01 Golf Ball with two $\frac{1}{2}$ rolls**

From upright, pull through a  $\frac{1}{8}$  loop into a  $45^\circ$  upline, perform a  $\frac{1}{2}$  roll, push through a  $\frac{3}{4}$  loop into a  $45^\circ$  downline, perform a  $\frac{1}{2}$  roll, pull through a  $\frac{1}{8}$  loop, exit upright.

### **P-15.02 Half Square Loop on Corner with $\frac{1}{2}$ roll**

From upright, pull through a  $\frac{1}{8}$  loop into a  $45^\circ$  upline, pull through a  $\frac{1}{4}$  loop into a  $45^\circ$  upline, perform a  $\frac{1}{2}$  roll, push through a  $\frac{1}{8}$  loop, exit upright.

### **P-15.03 Double Immelman with two knife-edge flights**

From upright push through a  $\frac{1}{2}$  loop immediately followed by a  $\frac{1}{4}$  roll, perform a horizontal knife-edge flight, perform a  $\frac{1}{4}$  roll and immediately pull through a  $\frac{1}{2}$  loop immediately followed by a  $\frac{1}{4}$  roll, perform a horizontal knife-edge

flight, perform a  $\frac{1}{4}$  roll, exit upright.

### **P-15.04 Half Square Loop with $\frac{1}{2}$ roll**

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

### **P-15.05 Stall Turn with $1\frac{1}{4}$ roll up, $\frac{3}{4}$ roll down**

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

### **P-15.06 Half Reverse Cuban 8 with $\frac{1}{2}$ roll**

From upright pull through a  $\frac{1}{8}$  loop into a  $45^\circ$  upline, perform a  $\frac{1}{2}$  roll, pull through a  $\frac{5}{8}$  loop, exit upright.

### **P-15.07 Roll Combination with consecutive three $\frac{1}{6}$ rolls, three $\frac{1}{6}$ rolls in opposite direction**

From upright, perform consecutively three  $\frac{1}{6}$  rolls, three  $\frac{1}{6}$  rolls in opposite direction, exit upright.

### **P-15.08 Pull-Push-Push Humpty-Bump with $\frac{3}{4}$ roll up, $\frac{3}{4}$ roll down (Option: $\frac{1}{2}$ roll up, $\frac{1}{2}$ roll down)**

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

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

### **P-15.09 Top Hat Inverted Spin with $2\frac{1}{2}$ turns**

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

### **P-15.10 Pull-Knife-Edge-Push Humpty-Bump with $\frac{1}{2}$ roll down**

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

### **P-15.11 Reverse Cuban 8 with consecutive two $\frac{1}{4}$ rolls, consecutive two $\frac{1}{2}$ rolls in opposite directions**

From inverted, push through a  $\frac{1}{8}$  loop into a  $45^\circ$  upline, perform consecutively two  $\frac{1}{4}$  rolls, push through a  $\frac{3}{4}$  loop into another  $45^\circ$  upline, perform consecutively two  $\frac{1}{2}$  rolls in opposite directions, pull through a  $\frac{5}{8}$  loop, exit upright.

### **P-15.12 Figure 9 with consecutive four $\frac{1}{4}$ rolls up**

From upright, pull through a  $\frac{1}{4}$  loop into a vertical upline, perform consecutively four  $\frac{1}{4}$  rolls, push through a  $\frac{3}{4}$  loop, exit inverted.

### **P-15.13 Hour-Glass with $\frac{1}{2}$ roll, roll, $\frac{1}{2}$ roll**

From inverted, push through a  $\frac{1}{8}$  loop into a  $45^\circ$  upline, push through a  $\frac{3}{8}$  loop into a horizontal line, perform a  $\frac{1}{2}$  roll, pull through a  $\frac{3}{8}$  loop into a  $45^\circ$  downline, perform a roll, push through a  $\frac{3}{8}$  loop into a horizontal line, perform a  $\frac{1}{2}$  roll, pull through a  $\frac{3}{8}$  loop into a  $45^\circ$  upline, pull through a  $\frac{1}{8}$  loop, exit inverted.

### **P-15.14 Stall Turn with consecutive two $\frac{1}{4}$ rolls down**

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

### **P-15.15 $45^\circ$ Upline with consecutive two rolls in opposite directions**

From upright, pull through a  $\frac{1}{8}$  loop into a  $45^\circ$  upline, perform consecutively two rolls in opposite directions, push through a  $\frac{1}{8}$  loop, exit upright.

### **P-15.16 Split S with $\frac{1}{2}$ roll**

From upright, perform a  $\frac{1}{2}$  roll and immediately pull through a  $\frac{1}{2}$  loop, exit upright.

### **P-15.17 Avalanche with snap roll on top**

From upright, pull through a loop while performing a snap roll on the top of the loop, exit upright.