



Australian Precision
Aerobatics

www.f3a.com.au

Advanced Class – 2020-21

Description of Manoeuvres

1. VERTICAL 8

From base height, pull through $\frac{1}{2}$ loop, then push through a loop, then pull through $\frac{1}{2}$ loop, exit upright

2. STALL TURN

From upright pull through a $\frac{1}{4}$ loop to a vertical up line, perform a stall turn into a vertical down line, pull through $\frac{1}{4}$ loop, exit upright

3. SQUARE LOOP ON CORNER

From upright, pull through a $\frac{1}{8}$ loop into a 45° upline, pull through a $\frac{1}{4}$ loop into a 45° upline, pull through a $\frac{1}{4}$ loop into a 45° downline, pull through a $\frac{1}{4}$ loop into a 45° downline, pull through a $\frac{1}{8}$ loop, exit upright.

4. IMMELMAN TURN with $\frac{1}{2}$ Roll

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

5. KNIFE EDGE FLIGHT with $\frac{1}{4}$ Roll, $\frac{1}{4}$ Roll

From upright, perform a $\frac{1}{4}$ roll, perform a knife-edge flight, perform a $\frac{1}{4}$ roll exit upright.

6. SPLIT S with $\frac{1}{2}$ roll

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

7. GOLF BALL

From upright pull through a $\frac{1}{8}$ loop into a 45° upline, pull through a $\frac{3}{4}$ loop into a 45° downline, pull through a $\frac{1}{8}$ loop, exit upright.

8. SHARK FIN with $\frac{1}{2}$ roll

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

9. DOUBLE IMMELMAN with $\frac{1}{2}$ Rolls

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

10. PULL, PUSH, PULL HUMPTY BUMP with $\frac{1}{2}$ Roll

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

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

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

11. ROLL

From upright perform one roll, exit upright

12. HALF REVERSE CUBN 8 with $\frac{1}{2}$ Rolls

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



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13. FIGURE Z

From upright, pull through a 3/8 loop into a 45° upline, push through a 3/8 loop, exit upright.

14. **SPIN WITH 2½ TURNS**

From upright, perform a spin with two and a ½ turns, perform a vertical downline, pull through a ¼ loop, exit upright.

15. TWO CONSECUTIVE ½ ROLLS

From upright perform consecutively two ½ rolls, exit upright.

16. **HALF SQUARE LOOP ON CORNER**

From upright pull through 1/8 loop to a 45° upline, pull through ¼ loop into a 45° up line, pull through 1/8 loop, exit inverted

17. INSIDE LOOP with ½ Roll

From inverted, pull through an inside loop, perform ½ roll on exit, exit upright.