5D.3 Schedule F

F1: HOVERING X (UU) **K: 1,5**

The MA lifts off from the helipad and hovers at 2m. MA ascends to 4.5m while performing a 90° nose in pirouette and stops. MA ascends at 45° while performing a 90° pirouette in either direction and stop over flag 1 (2). MA descends 5m while performing a 360° pirouette and stops. MA ascends at 45° while performing a 90° nose in pirouette and stops over the helipad. MA ascends at 45° while performing a 90° pirouette in either direction and stop over flag 2 (1). MA descends 5m while performing a 360° pirouette and stops. MA ascends at 45° while performing a 90° nose in pirouette and stops over the helipad. MA descends 2.5 m while performing a 90° pirouette and stops. MA descends and lands on helipad.

F2: CONTINUOUS PIROUETTING TRIANGLE (UU) **K: 1,5**

The MA lifts off from the helipad and hovers at 2m. MA flies backwards to flag 1 (2) while performing a 360° 2-point reversal pirouette. Immediately after the first pirouette MA ascends at 45° while performing a 180° pirouette in same direction as the second part of the first one. After MA reached the top of the triangle MA begins at once with a 4-point pirouette in almost the same direction. The duration after every 90° is 1 sec. Immediately after the 4-point pirouette MA descends at 45° while performing a 180° pirouette in almost the same direction. After MA reached flag 2 (1) MA flies back to helipad while performing a 360° 2-point reversal pirouette where the direction of the first part of the pirouette is the same like the pirouettes before and stops over the helipad. MA descends and lands on helipad.

Note: Before and after the 4-point pirouette are no stops.

F3: CUBAN EIGHT WITH HALF ROLLS (DD) **K: 1,0**

MA flies straight and level for a minimum of 10m and performs a 5/8 inside loop while performing a half roll in either direction after MA passes vertical position and finishes the roll at the top of the looping. MA descends at 45° while performing a half roll in either direction to inverted flight and enters a 3/4 outside loop while performing a half roll in either direction after MA passes vertical position and finishes the roll at the top of the looping. MA descends at 45° while performing a half roll in either direction and finishes the loop in upright attitude. MA flies straight and level for a minimum of 10m.

F4: W (UU) **K:1,0**

MA flies straight and level for a minimum of 10m and enters the manoeuvre by pulling up into a vertical ascent after passing the centre line. At apex MA performs a 540° stall turn followed by a vertical descent. MA performs a half loop followed by a centered vertical ascent. At apex MA performs a half pulled flip followed by a centered vertical descent to the same altitude as entry. MA performs a half loop followed by a vertical ascent. At apex MA performs a 540° stall turn followed by a vertical descent to the same altitude as entry. MA continues for a minimum of 10m to finish the manoeuvre.

F5: DOUBLE STALL TURN AND FLIP (DD) **K: 1,0**

MA flies straight and level for a minimum of 10m and enters the manoeuvre by pulling up into a centered vertical ascent. At apex MA performs a 180° stall turn followed by a centered vertical descent. MA performs a ¾ loop followed by a centered pushed travelling flip followed by another ¾ loop. MA performs a centered vertical ascent. At apex MA performs a 180° stall turn followed by a centered vertical descent to the same altitude as entry. MA continues for a minimum of 10m to finish the manoeuvre.

Note: The centered flip need not performed immediately after the ¾ loop.

F6: TRIANGLE WITH FLIP (UU) **K: 1,0**

MA flies straight and level for a minimum of 10m and enters the manoeuvre by pulling up into a 45° climb with a half roll in either direction to the inverted position and continues to climb at 45° for 5m minimum. After MA stops MA performs a centered 270° pushed travelling flip. Then MA performs a 45° descent for 5m minimum followed by a half roll in either direction. MA then recovers at starting altitude in level flight for a minimum of 10m to finish manoeuvre.

F7: LOOPING EIGHT WITH HALF ROLLS (DD) **K: 1,0**

MA flies straight and level for a minimum of 10m and performs a half roll in either direction followed by an inverted horizontal flight. MA performs a centered outside loop immediately followed by a centered inside loop. MA performs an inverted horizontal flight followed by a half roll in either direction. The manoeuvre is completed with a minimum of 10m straight and level flight.

Note: The horizontal flying path before and after the loops must have the same length.

F8: DOUBLE CANDLE WITH DESCENDING FLIP (UU) **K:1,0**

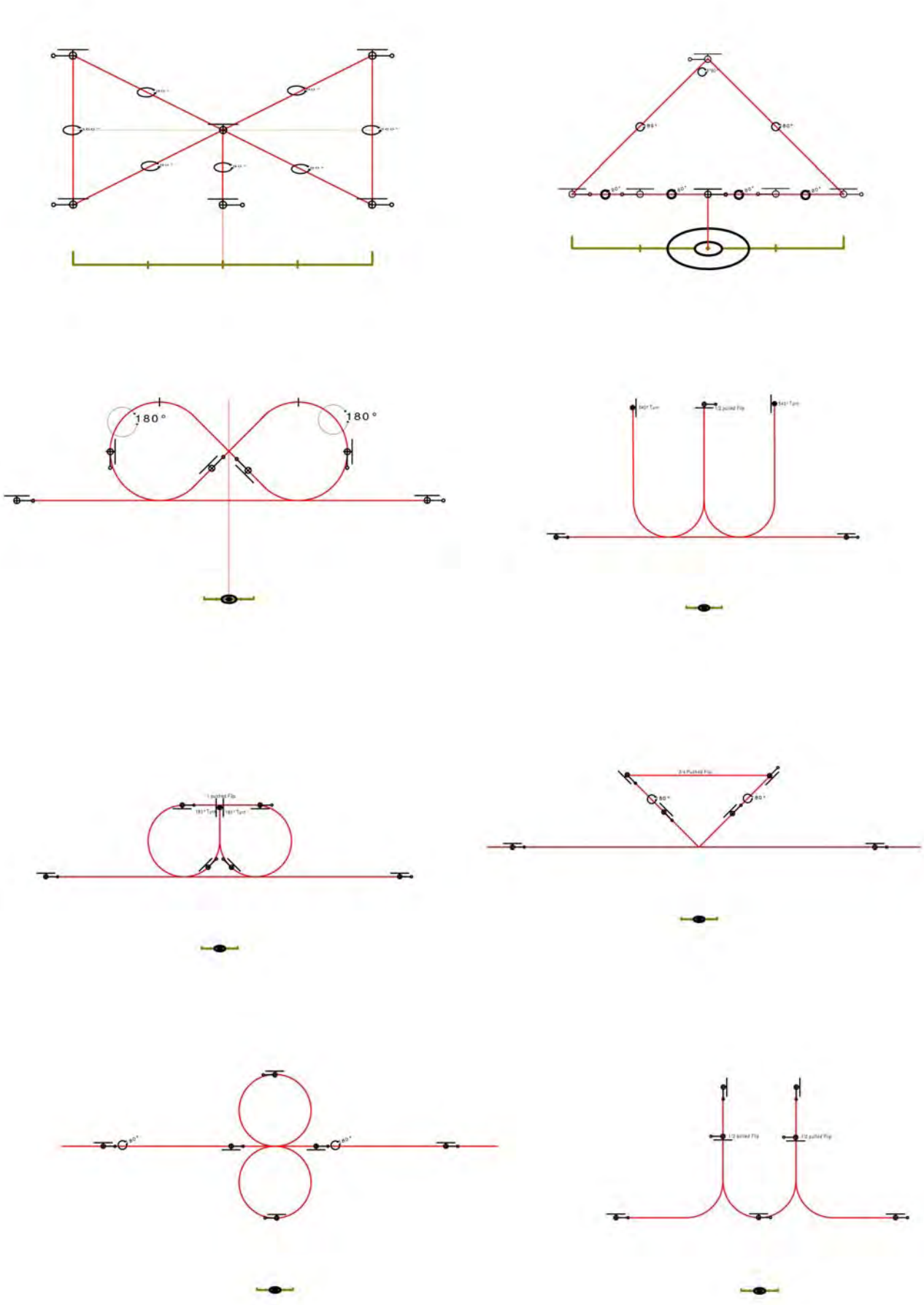
MA flies straight and level for a minimum of 10m and enters the manoeuvre by pulling up into a vertical ascent. After MA stops MA flies vertically backwards for 2m minimum. Then MA performs a half pulled travelling flip followed by a vertical descent of 2m minimum to the same altitude as entry. MA performs a centered half loop followed by a vertical ascent. After MA stops MA flies vertically backwards for 2m minimum. Then MA performs a half pulled travelling flip followed by a vertical descent of 2m minimum to the same altitude as entry. MA continues for a minimum of 10m to finish the manoeuvre.

F9: AUTOROTATION WITH LOOP (DU) **K: 1,0**

MA flies straight and level for a minimum of 10m and performs a centered loop with engine reduced to idle (or off) at the top of the loop. MA enters a descending 180° turn towards the pilot and lands upwind.

Aresti diagram appears overleaf.

Figure 5D-F: F3C Manoeuvre Schedule F



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