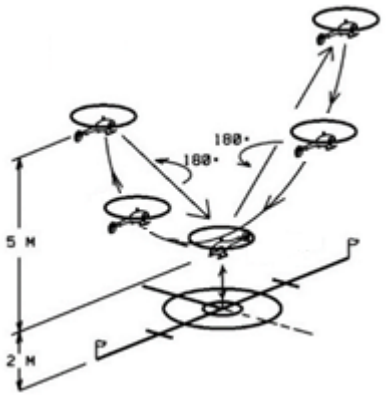
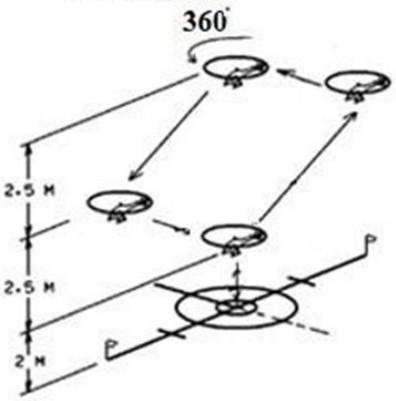
F3C Sport 2024-2025

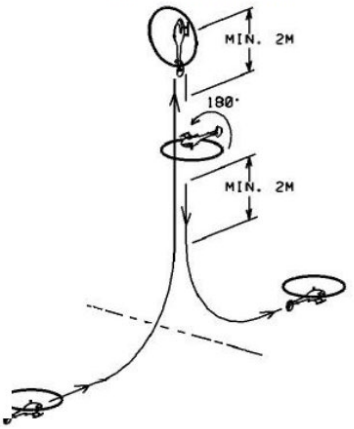
P1.PIE 3



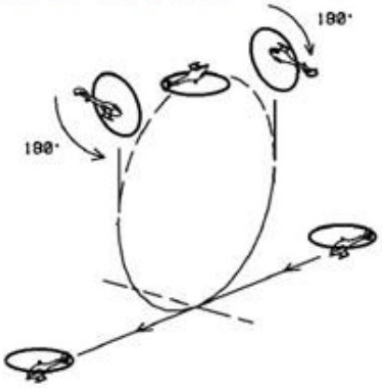
P2. DIAMOND 5



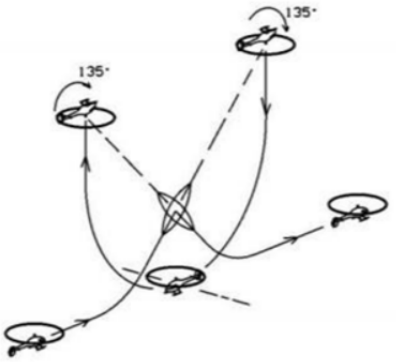
P3. CANDLE WITH DESCENDING FLIP



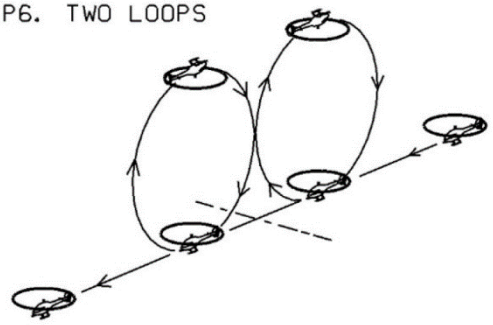
P4. LOOP WITH 180° TAIL TURNS



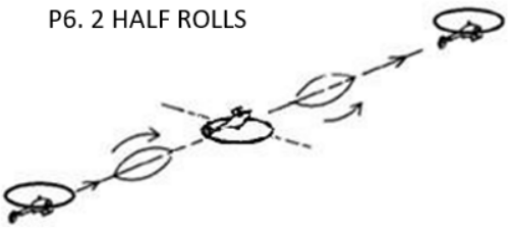
P5. UX



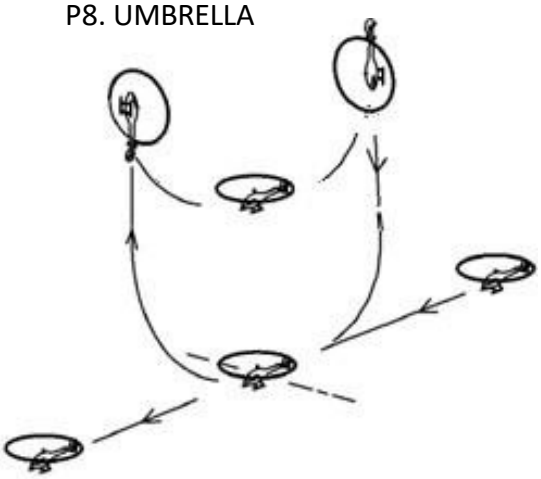
P6. TWO LOOPS



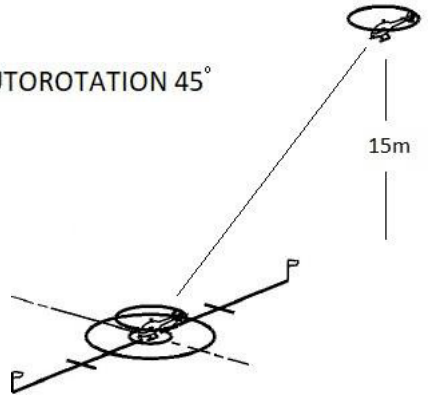
P6. 2 HALF ROLLS



P8. UMBRELLA



P9. AUTOROTATION 45°



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P1. PIE 3 (UU)

MA takes off vertically from the helipad, ascends to 2 m then hovers for 2 seconds. MA ascends flying backwards on a 45° line while simultaneously performing a 180° pirouette in any direction, stops over the flag 1 (2) and hovers for 2 seconds. MA performs a 5 m radius descending/ascending vertical half circle and stops over the flag 2 (1) and hovers for 2 seconds. MA descends forward on a 45° line while performing a 180° pirouette in any direction then stops over the helipad for 2 seconds, descends and lands into the helipad.

P2. Diamond 5 (UU)

MA takes off vertically from the helipad and ascends to 2 m and hovers for a minimum of 2 seconds. Ascends 2.5 m in a straight line to any flag and stops for at least 2 seconds. MA ascends 2.5 m in a straight line to 7 m above the center line, stops for at least 2 seconds. The models than performs a 360° pirouette in any direction. MA descends 2.5 m in a straight line to the second flag and stops for at least 2 seconds. MA descends 2.5 m in a straight line to 2 m above the center line and stops for at least 2 seconds. MA descends and lands in the helipad.

P3. Candle with pulled flip (DD)

MA flies straight and level for a minimum of 10 m and pulls up into a vertical ascent. After a nose up stop MA flies backwards vertically for 2m minimum performs a half pulled travelling flip, descends vertically for a minimum of 2m, pulls into horizontal straight and level flight for a minimum of 10m.

Note 1: The radius at pullup and pull out must be equal.

P4. Loop with 180 degree tail turns (UU)

MA flies straight and level for a minimum of 10 m and performs 1 ¼ loop starting from the center line. When reaching half of the height of the former loop MA performs a 180° tail turn in any direction followed by a half loop in opposite direction. When reaching again half of the height of the first loop MA performs a second 180° tail turn in any direction. After MA pulls with quarter loop into horizontal straight and level flight for a minimum of 10 m at the same altitude as when entering the figure.

Note: The tail turns must be executed exactly at half the height of the loop with the MA being precisely vertical.

P5. UX (DD)

MA flies straight and level for a minimum of 10m and pulls up into a 45° ascent. MA performs a centered half roll. Once the MA has come to a stop, MA performs a 135° pulled flip. MA then performs a centered 'U' and stops. MA then performs a 135° pulled flip and performs a 45° descent with a centered half roll. MA pulls into horizontal straight and level flight for a minimum of 10m

Note: The bottom of the 'U' and the rolls must be centred and same altitude as entry and exit.

P6. Two loops (UU)

MA flies straight and level for a minimum of 10 m, performs an inside loop before the centerline where the MA is exactly vertical in upward position at the centerline, followed by a straight line and performs a second inside loop where the MA is exactly vertical in downward position at the centerline, followed by a straight and level flight of at least 10 m and at the same height as when entering the figure.

P7. Half rolls (DD)

MA flies straight and level for a minimum of 10m and performs a half roll in either direction, flies inverted for a minimum of 2 seconds. MA then performs a half roll in the same direction as the first half roll. MA flies straight and level flight for a minimum of 10m.

Note 1: The middle of the manoeuvre must be centred.
Note 2: There is 2 points deduction if the inverted segment does not last a minimum 2 seconds.

P8. Umbrella (UU)

MA flies straight and level for a minimum of 10 m and pulls up into a vertical ascent. After a nose up stop MA flies backwards and performs a half loop. MA stop at the same height as the first stop. MA descends vertically. MA pulls into horizontal straight and level flight for a minimum of 10m.

Note 1: The radius at pullup and pull out must be equal.

P9. Straight Autorotation (UU)

MA flies at a minimum altitude of 15 m. Manoeuvre begins when MA are at 45°angle to the center of the helipad. MA must be in the autorotation state when it cuts this plane. The engine power must be reduced to idle (or off) at this point. The 45º degree descend must start at this point and the descending rate must be constant from this point just before touchdown on the helipad.