



## FLYING PROFICIENCY EXAMINATION SILVER WINGS

The following schedule is designed to assess an individual's proficiency in the knowledge and operation of fixed wing radio controlled miniature aircraft. It is a prelude to the Gold Wings schedule and many of the manoeuvres are the basic building blocks to far more complex manoeuvres. The pilot attempting these manoeuvres is not expected to display manoeuvre excellence only a reasonable level of flying proficiency.

1	2	3	4
INTO WIND	L - R / R - L	L - R / R - L	L - R / R - L
TAKE OFF	PROCEDURE TURN	INWARD EIGHT	OUTWARD EIGHT
5	6	7	8
L - R / R - L	L - R / R - L	L - R / R - L	L - R / R - L
2 INSIDE LOOPS	INVERTED PASS 5sec	2 AXIAL ROLLS	IMMELMAN TURN
9	10	11	
L - R / R - L	INTO WIND	INTO WIND	
STALL TURN	TOUCH AND GO	RECTANGULAR CIRCUIT AND LANDING	

### QUESTIONS:

1. Explain the technique for executing a two turn spin?
2. What is a procedure turn used for?
3. Explain the technique for executing a positive snap roll?
4. Explain how wing dihedral makes an aircraft more stable?
5. Define what is meant by the terms:
  - a. Wing root chord    b. Wing tip chord    c. Thrust line    d. Wing loading
  - e. G loading or force    f. Aspect ratio    g. Laminar airflow    h. Wingtip vortex
6. What effect is noticed on an aircraft with a Centre of Gravity "C of G" too far aft?
7. What manoeuvre is a "go around" and what is it used for?
8. What is the maximum dry weight a model aircraft can be before a large model inspection and approval to fly must be carried out?

**THIS IS TO CERTIFY THAT:-**

Name: \_\_\_\_\_

Of: \_\_\_\_\_ CLUB: \_\_\_\_\_ AUS No: \_\_\_\_\_

Has successfully passed the Silver Wings practical and Theoretical examination via approved MAAA Instructor: \_\_\_\_\_ AUS No: \_\_\_\_\_ Signature: \_\_\_\_\_

Name \_\_\_\_\_ MAAA No. \_\_\_\_\_ Date \_\_\_\_\_