MAAA FLIGHT PROFICIENCY SCHEME

FLIGHT REQUIREMENTS & TEST CHECK SHEET

GLIDER – BRONZE or SILVER WINGS

This Test is to be assessed by an MAAA Instructor. Tick either: Bronze ☐ **Silver** ☐

The requirements specified have been determined by the MAAA and are not to be varied.

Bronze or Silver Wings (Glider) are awarded when a member demonstrates, in the course of one session, that he/she has the skills to perform the manoeuvres listed in the tasks below in a competent manner and to the required standard. For Bronze and Silver Wings, stabilising systems must be turned off or set to the minimum stability setting. Self-levelling is not permitted.

This is to certify that ……..…….. AUS ……..……..

of ……..…… ……..…… P/Code ……..……

Club ……

has demonstrated the degree of proficiency in radio controlled flying of model aircraft in accordance with MOP027, to be awarded the MAAA Bronze or Silver Wings (Glider).

……	……..……..……..……	……..……	……..……
Signature	MAAA Instructor's Name (BLOCK LETTERS)	AUS No.	Date

At the successful completion of the test, this form shall be completed by the MAAA Instructor and sent to the **State Association**. **Note: Wings will be sent to the Pilot unless the Club address is noted below.**

	Manoeuvres	Test
1	**Dexterity** The pilot must be able to locate all the transmitter controls quickly without fumbling or looking at the transmitter.	
2	**Theory** Pilot must be able to name all major components of the aircraft and define functions, including effect of controls, and have a thorough knowledge of CASA, MAAA and Club safety rules and regulations.	
3	**Airframe & Pre-Flight Check** Confirm the Centre of Gravity location and check for signs of structural or covering problems that could affect flight.eg. The presence of warps which could affect trim. Check that control neutrals and control throws are correct. Check the state of the battery and perform a range check and fail safe check.	
4	**Launch** Electric, bungy or winch launch systems are permitted or hand launch on the slope. Show a consistent climb on a steady heading. Any deviations must be corrected back to original heading. Transition to level flight without changing heading or any indication of a stall.	
5	**Trim and CG** Demonstrate trimming the glider in flight by displacing and re-setting the roll and elevator trim. Perform a Centre of Gravity dive test and interpret the result.	
6	**360 degree Thermal Turns** Commencing into wind, perform two consecutive 360 degree turns in one direction followed by two consecutive 360 degree turns in the opposite direction.	
7	**Loop** A loop shall be performed into wind with no loss of heading and a smooth transition back to level flight	
8	**Spin/Spiral and Stall Recovery** Perform an "into wind" stall and recovery. Perform a single turn spin or spiral (if the model will not spin) and recovery. Recovery from both manoeuvres must demonstrate both direction and pitch control.	
9	**Straight Return Flight** Demonstrate straight flight into wind to return home from at least 50m downwind or as the slope allows.	
10	**Rectangular Approach and Landing**. Perform a left hand and right hand rectangular approach and a controlled safe landing to within 10m of a nominated target allowing for prevailing conditions.	

At least one week must elapse between testing sessions of a candidate.

Wings to be sent to Pilot? YES / NO (If NO, note club address below)

Strike out as applicable