



L.M.A.C. HELICOPTER WINGS PROGRAM

VERSION 1.2 June 7, 2009

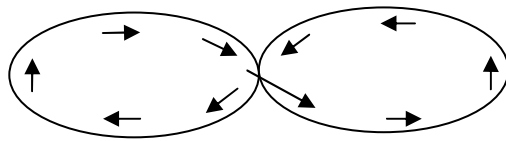
All MAAC and LMAC rules, regulations and guidelines will apply to the student helicopter pilot. Only student pilots who have signed a club membership application will be permitted to fly. A designated instructor will direct the student to progress through the following stages in order. While flying a model, each student shall at all times be accompanied by an instructor until awarded their wings, or at the instructors' discretion as indicated below.

1. Helicopter Setup – The students' helicopter and radio setup must be inspected by an instructor with the student, and any necessary set up changes will be made prior to flight testing. The student is to gain an understanding of basic radio and model setup.
2. Auto-rotation – The procedure of performing an auto-rotation landing will be explained by the instructor prior to flight to provide the student with a good understanding of the concept should a dead stick landing be required while in flight.
3. Flight Test – The instructor will flight test the students helicopter in the “hover pit” to test air worthiness prior to the student flying the model.
4. Controlled Flight – The student will demonstrate “tail in” hovering abilities, eventually controlling the helicopter “tail in” forward, backward, and side to side, in the “hover pit”.
Once the student can demonstrate the technique outlined in stage 4, the student may fly in the “hover pit” on his own, at the instructors' discretion.
5. Four Point Hover – The student will demonstrate the ability to hover in a controlled manner, four orientations, no less than ten seconds each, in the “hover pit”. The required orientations are as follows.
 - A. Nose away
 - B. Nose left
 - C. Nose right
 - D. Nose in

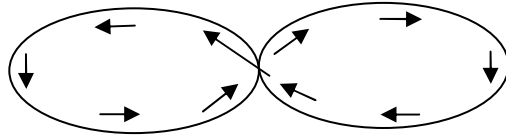
After accomplishing the first five stages the student will graduate to flight in the main flying field, but only while no other pilots are flying and while accompanied by an instructor. Once the instructor has determined the pilot to be competent in flight, the student may fly without instructor accompaniment in the main field when no other pilots are flying.

6. Figure Eight Flight – The student will demonstrate the ability to perform controlled forward flight in a figure eight pattern, side to side, in two orientations.

A. Turning away from the pilot.



B. Turing toward the pilot.



Following successful completion of the above 6 stages the student will be eligible to receive their MAAC helicopter flight wings, and will be permitted to fly solo in the main field area.

Students Name - _____

Levels Completed (to be initialed by instructor)

#1 #2 #3 #4 Hover pit solo

#5 Main field solo #6