

DC RADIO CONTROL CLUB PILOT PROFICIENCY TEST



AIRPLANE HELICOPTER MULTIROTOR

The agreement with Montgomery Parks under which DC Radio Control Club (DCRC) operates Walt Good Field specifies that the Club verify the proficiency of RC pilots who will use the field unsupervised and that they have active liability insurance. The Club therefore requires that such pilots be current members of DCRC, the Academy of Model Aeronautics (AMA) and pass a Pilot Proficiency Test (PPT) administered by a DCRC Designated Pilot Proficiency Test Conductor. There are separate PPTs for airplane, helicopter and multirotor pilots. The criteria for all tests are on the back of this form. (Non-DCRC Members will incur a fee for administering the PPT examination and may not be provided the gate combo or unlimited access to the field).

A precondition for taking the PPT is knowledge of both the AMA National Model Aircraft Safety Code and DCRC Field & Flight Rules. Successful completion of this test is recognition that the Pilot Candidate has demonstrated a basic ability to perform minimum safe solo flight maneuvers at Walt Good Field.

DISCLAIMER - DCRC and the Test Conductor do NOT certify that the Pilot Candidate is capable of safely flying

- i. the test maneuvers on a consistent basis
- ii. any maneuver other than those set forth in the test
- iii. any aircraft other than a basic trainer aircraft
- iv. at any other flying site
- v. under other than calm and clear weather conditions.

INDEMNIFICATION - The Pilot Candidate named below agrees to indemnify and hold harmless DCRC and the Test Conductor listed below from and against any and all actions, liability, claims, suits, damages, costs or expenses of any kind, including reasonable attorney's fees, which may be brought or made against DCRC or the Test Conductor of which DCRC or the Test Conductor must pay and incur by reason of or in any manner resulting from any injury, loss or damage to person or property arising or resulting from the Pilot Candidate's operation of a model aircraft, and/or the certification issued pursuant to the Pilot Proficiency Test.

I have received, read, and understood the AMA National Model Aircraft Safety Code and the DCRC Field and Flight Rules and all information contained herein. I agree to the Indemnification described above.

Pilot Candidate signature: _____ AMA _____

Pilot Candidate name: _____

The Pilot Candidate has met the PPT criteria for Walt Good Field privileges for the type of aircraft indicated above, including both flying skill and safety procedures, in my presence on the date below.

Test Conductor signature: _____ AMA _____

Test Conductor name: _____ date _____

INSTRUCTIONS TO THE TEST CONDUCTOR: After completion of the test, have the Pilot Candidate sign the form, then sign as Test Conductor and add the date. If possible, take a picture of the form and a second picture of the Pilot Candidate and the Test Conductor posing with the airplane used in the test. Email these to dcrc.membership@gmail.com. Mail the completed and signed form to:

DCRC Membership
PO Box 100
Boyd's, MD 20841

AIRPLANE PILOT PROFICIENCY TEST

1. Carry out pre-flight safety checks of the airplane. For example, check for loose, cracked or missing parts, check to make sure the plane has fuel and/or proper battery charge, etc.
2. Start the internal combustion engine, if so equipped, in a safe and secure manner. For example, have a buddy hold the plane, use a chicken stick or electric starter to flip the propeller, and never reach over the propeller to turn the needle valve or remove the glow starter. (Note: It is an accepted practice to start a giant scale engine by hand.) Demonstrate use of a throttle kill safety switch for the electric motor, if so equipped.
3. Take-off in the designated direction and climb to a safe altitude.
4. Fly two horizontal figure-eight patterns with the crossover point in front of the pilot. Height to be constant.
5. Fly a rectangular landing approach and overfly runway from below 20 ft (this is not a low pass).
6. Fly a rectangular landing approach in the opposite direction and overfly the runway.
7. Perform a simulated dead-stick landing with the engine at idle or motor at 0% beginning at a safe height (approx. 200 ft) heading into wind. When approximately 20 ft. above the runway, power-up and overfly the landing area.
8. Fly a rectangular landing approach and make a safe landing from the designated direction.
9. Remove model and equipment from the runway and complete a post-flight check.

HELICOPTER PILOT PROFICIENCY TEST

1. Carry out pre-flight safety checks of the helicopter. For example, check for loose, cracked or missing parts, check to make sure the helicopter has fuel and/or proper battery charge, etc. Demonstrate use of a throttle kill safety switch for the electric motor, if so equipped.
2. Start the engine in a safe and secure manner, hold the head to keep main blades from spinning, carry to flight line.
3. Smoothly lift off into a stable hover, hover for one minute.
4. Fly left and right at 90 degrees below 20 feet.
5. Transition into forward flight above 20 feet.
6. Fly two horizontal figure-eight patterns with the crossover point in front of the pilot. Height to be constant.
7. Perform a controlled descent beginning at a safe height (approximately 50 feet).
8. Transition to a hover and land outside of the flight line.
9. Remove model and equipment from field and complete a post-flight check.

MULTIROTOR PILOT PROFICIENCY TEST

1. Carry out pre-flight safety checks of the multirotor. For example, check for loose, cracked or missing parts, check to make sure the multirotor has proper battery charge, etc. Demonstrate use of a throttle kill safety switch for the electric motors.
2. Demonstrate knowledge of DJI Go APP or similar interface if applicable.
3. Must be able to calibrate compass, turn on collision avoidance system, set height limit and perform the return-to-home feature (if applicable)
4. Start the engine in a safe and secure manner, hold the head to keep main blades from spinning, carry to flight line.
5. Smoothly lift off into a stable hover, hover for one minute.
6. Fly left and right at 90 degrees below 20 feet.
7. Transition into forward flight above 20 feet.
8. Fly two horizontal figure-eight patterns with the crossover point in front of the pilot. Height to be constant.
9. Perform a controlled descent beginning at a safe height (approximately 50 feet).
10. Transition to a hover and land outside of the flight line.
11. Remove model and equipment from field and complete a post-flight check.