



# Indoor Camp Ronnie

## ***Heli Flight Level Classifications (Effective Date 4/17/07)***

*Note each class of heli, MICRO or MINI, has its own required flight level status. Pilots must be signed off by an ICR INTRO PILOT – IP as recognized by the AMA - for each class of heli for each level.*

### **Beginner Level Flight Classification:**

Any heli to include Blade CX/CX2, Blade CP/CP Pro, T-Rex and all similar helis on the **ICR Approved Model** list. Training gear can be attached or removed from the heli. Flight area for the Beginner Level Flight Classification is limited to the designated ICR HOVER TRAINING AREA.

### **Level 1 Flight Classification:**

Heli must be on the **ICR Approved Model** list. Training gear must be removed from the heli. Flight area encompasses both the designated ICR HOVER TRAINING AREA -if space allows - but primarily to take place in the MAIN OPEN flying area. Level 1 flying only occurs in the MAIN OPEN flying area during the announced time period. The Level 1 Flight Classification time period will be announced at each ICR Session.

## **Level 2 Flight Classification:**

The heli must be on the **ICR Approved Model** list. Training gear is not permitted on the heli. It is recommended that Level 2 pilots have a spotter. Level 2 flying only occurs in the MAIN OPEN flying area during the announced time period. The Level 2 Flight Classification time period will be announced at each ICR Session. Note the pilot must be signed off by an ICR IP upon completing the following mandatory maneuvers before the pilot is cleared to fly during the Level 2 Flight Classification time period.

### **Triangular Hover Maneuver**

3 cones are placed 15 feet apart in a triangular pattern. Pilot must take off and hover over each cone for 10 seconds each then return to starting position and land. Heli must maintain a constant altitude during this maneuver. Heli can be tail in or nose in.

### **Multi Level Hover**

Heli takes off from start position to an altitude of 5 feet. Stationary hover is held for 10 seconds. Heli then rises to 20 feet and holds stationary hover for 10 seconds. Heli then returns to 5 feet then lands at start position. Heli can be tail in or nose in.

### **Nose In Hover**

Heli takes off from start position. Heli can then be moved to a distance of 20 feet away if desired. Heli must maintain altitude during the movement. At this distance the heli can be pirouetted or turned slowly either left or right to bring the heli nose in facing the pilot. A controlled hover must be held for 10 seconds while the heli is nose in. Heli can then be landed or moved back to start position.

### **Basic Forward Flight - Figure 8**

Heli takes off from start position and begins SLOW controlled forward flight parallel to the established flight line while maintain a constant altitude. As heli moves away from pilot a gradual level turn is made to bring heli back across field. Upon passing the pilot the heli continues flying SLOW until making a gradual level turn in the opposite direction to bring heli back to start position. This basic figure 8 maneuver must be done in both directions. Speed and altitude must be maintained during the maneuver. Heli can start out either to the left or right for this maneuver.

**Remember, safety is everyone's responsibility. If you have any questions or do not understand any of the flight level classifications, don't hesitate to ask any club official or experienced member of the club. Please be courteous, we are all here to make the sport safe and enjoyable. ICR will not tolerate recklessness or rowdiness and unsafe flying at any time during a flying session. ICR has the right to eject any pilot from a scheduled ICR session without a refund for failure to observe the Flight Level Classifications listed here, NO EXCEPTIONS.**