

# TRCC PILOT UPGRADE CRITERIA

The following chart summarizes the flight level upgrade criteria:

	Solo Student	Flight Level I	Flight Level II	Flight Level III	Expert Scale
Oral test on safety and courtesy rules	✓				
Safe Pit Practices	✓	✓	✓	✓	✓
Taxi and Ground Handling	✓	✓	✓	✓	✓
Take Off	✓	✓	✓	✓	✓
Circle Around a Point	✓				
Horizontal Figure 8	✓	✓	✓		
Slow Flight	✓				
Gliding	✓				
Fly With Other A/C	✓	✓			
Stall and Recovery	✓				
Simulated Engine Out Landing		✓	✓		
Traffic Pattern	✓				
Land Both Ways	✓	✓	✓		
Touch and Go Both Ways			✓		
Loop			✓		
Procedure Turn & Straight Flight Back			✓		
2 Rolls			✓		
12 AMA Maneuvers				✓	
12 AMA Scale Maneuvers					✓

## LEVEL I PILOT

1. Pass an oral test based on the TRCC Safety & Courtesy rules.
2. Demonstrate safe practices in the pit. For example, perform a safety check on the airplane to include a range check and operational check without the engine running.
3. Perform an unassisted take off.
4. Perform a horizontal figure eight.
5. Demonstrate stable flight. For example, be in control of the aircraft maintaining stable altitude and controlled landings.
6. Demonstrate the ability to fly with other aircraft in the air.
7. Perform one simulated dead stick landing.
8. Demonstrate the ability to land in both directions **on the runway**.

## LEVEL II PILOT

1. Demonstrate the same safety and courtesy practices as a Level I.
2. Perform unassisted take off.
3. Perform straight flight out.
4. Perform procedure turn and straight flight back.
5. Demonstrate two touch and go landings from opposite directions **on the runway**.
6. Perform a loop.
7. Perform two consecutive horizontal rolls slow enough to demonstrate elevator control.
8. Perform two simulated dead stick landings. Which are to be called anything during the flight.
9. Perform a conventional landing **ON THE RUNWAY**.

## LEVEL III PILOT

1. Pick twelve maneuvers from the AMA handbook, any class or combination and be judged by a Level II or above pilots, or experienced TRCC pattern judges.
2. Judging will be in accordance with the rules governing pattern contest and a score of 7 or above as an average throughout the flight.

## EXPERT SCALE

1. Pick out 12 maneuvers from the AMA handbook, scale section.
2. Perform these maneuvers and be judged in execution by recognized, experienced TRCC scale judges and average a 7 or above as an average throughout the flight.

## SPECIAL INSTRUCTIONS

- Crossing the double line on the runway to the South is prohibited and will be cause for failure of any pilot upgrade attempt.
- No retest for upgrade will be done in the same day unless due to mechanical reasons (engine quits mid-air collision, wing departs fuse, etc.)
- Level I and II upgrades will be judged by a minimum of two Level II pilots and one board member.
- Expert Scale upgrades, a total of three qualified judges must be used, one of which may be a board member.

- A recognized judge is one that has judged at least two contests sponsored by TRCC in the category of the upgrade.
- Since the Level II pilot is the standard from which our instructors and pilots from our show team are selected, it is of utmost importance that this test not be given or taken lightly. This award must be earned and not be given free gratis.
- No retesting of pilots holding any level at the time of introduction of the program is required.