



Flying Tiger RC Club Of Jordan Lake

PRIMARY LEVEL FLIGHT TRAINING PROGRAM

GENERAL OVERVIEW:

1. The purpose of this volunteer program is to help promote the safe enjoyment of the hobby by club members. Have fun - but be safe!
2. The Student Pilot is at all times responsible for their aircraft and actions. Instructors volunteer their time and expertise to help teach the newcomer to the hobby how to operate their aircraft safely. Such instruction is provided at no cost and on a "best efforts" basis. If for any reason the Student Pilots' aircraft is damaged or causes damage to persons or to the property of others, the Student Pilot is responsible for any repairs, damages, or expense. Instructors and other club members will be happy to provide advice on how to best complete repairs to the aircraft.
- 3 A Student Pilot is never authorized to fly unless under the direct supervision of an Instructor. Anyone who violates this rule will be terminated from the club.

GROUND SCHOOL:

"Ground School" provides the basic foundation for beginning flight training. Items covered will include the following:

1. Club safety rules
2. Field orientation and layout
3. Flight controls operation
4. Practical safety around aircraft
5. Proper operation of flight equipment
6. Frequency control
7. Field Etiquette
8. Range Checking
9. Pre-flight Check List
10. Tuning the engine

FLIGHT LEVEL 1 - Basic Flight Familiarization

This section is to acquaint the Student Pilot with the basics of RC flying with the Instructor demonstrating the maneuvers and then having the Student Pilot take the controls. All flights are done with the buddy box system. The Instructor handles the take-off and landings.

1. Range Check & Pre-Flight Check
2. Engine start-up and tuning
3. Check list prior to entering runway
4. Taxing to take-off position
5. Takeoff and procedure turn
6. Straight and level flight
7. 30 degree bank turns - Left and Right
8. Climbing
9. Climbing Turns
10. Visual Orientation - Flying away/Flying Towards
11. Orientation of field and "no fly zones"
12. Effect of wind on the aircraft
13. Landing Approach
14. Full-Stop Landing
15. Taxi in & Shut Down

FLIGHT LEVEL 2 - Accuracy Maneuvers

This section of training is to build the Student Pilots' confidence and proficiency in flying more accurately. The Student Pilot should be flying the take-off and most of the flying after the Instructor has demonstrated the maneuver.

1. Take off and procedure turn (Left and Right)
2. Level Flight from point to point (maintain heading and altitude)
3. 90 Degree Turns - Left and Right
4. 180 Degree Turns Left and Right
5. Oval Pattern at altitude
6. Rectangular Pattern at altitude
7. Figure Eight at altitude
8. Flyby down the runway
9. Use of throttle in climbing/descending
10. Gliding flight with engine at idle

FLIGHT LEVEL 3 – Landing

This section of training is primarily focused on teaching the Student Pilot how to land. Most of the flying should be done by the Student Pilot.

1. Slow Flight - minimum airspeed turns
2. Stall - Power off
3. Landing Approach and Patterns (Left and Right)
4. Missed approach go around
5. Trimming the aircraft in flight
6. Controlled Full Stop Landing & roll-out
7. Flying in Windy Conditions

SOLO FLIGHT EVALUATION

When the Student Pilot is deemed ready by the Instructor to fly solo (under the Instructor's direct supervision) without the use of a buddy box, the solo flight evaluation test may be given. The Student Pilot must demonstrate the required basic knowledge and flight proficiency acquired up to this point to be a safe pilot.

FLIGHT CERTIFICATION EVALUATION (3 Solo Flights)

When the Instructor is satisfied that the Student Pilot is ready for the flight certification evaluation, the three (3) solo flights test can be given. The Instructor shall evaluate the Student Pilot in all phases through three (3) solo flights. The maneuvers flown shall be at the Instructor's discretion. If the Instructor is satisfied with the Student Pilot's performance, then the approved endorsement entry can be made on the Flight Certification form and the Student Pilot signs the section acknowledging the safety rules.

This completes the Student Pilot's Primary Level training. Upon receipt of the new "blue" club membership card, the new pilot will receive the gate access combination, and can fly unassisted by the Instructor.



Flying Tiger RC Club Of Jordan Lake

Flight Certification

This certifies that _____ has successfully completed the club's
Print Name
flight training assistance program for the following level:

PRIMARY LEVEL TRAINING

Endorsement

Instructor: _____ Date: _____
Signature

Student Pilot Acknowledgement:

I agree to abide by the AMA safety code and the rules of the FLYING TIGER RC CLUB of JORDAN LAKE, and promise to fly my aircraft in a safe manner at all times.

New Pilot: _____ Date: _____
Signature

When completed, this form is to be initiated by the Instructor pilot, signed by the Student Pilot, and forwarded to the Club Secretary – Mitchell King, 7516 Sunrise Blvd., Chapel Hill, NC 27514