



Red Barons R/C Flying Club – Training program

Student Name: _____ Guardian name if under 18: _____

Date Started: ____/____/2010 Age: _____ Contact Number: _____

AMA: Yes / No if yes # _____ Email address: _____

Phase I – Ground School

Safety Concerns on the ground - discussed and shown when appropriate at the flying site field.

Task	Date Completed	RB initials	Comments
Flight Line	/ /		
Zones at the field	/ /		
Pilot Box	/ /		
Run up stands	/ /		
Starting /Arming procedures	/ /		
Glowstick and props	/ /		
Zones of concern	/ /		
Nitro/LiPos	/ /		
Engines/Motors	/ /		
Taxi way	/ /		
Pits/tables	/ /		
Gates / locks	/ /		
Impound	/ /		
Frequency Board	/ /		
First Aid / Phone #	/ /		
Question/Answers			

Safety is always our first concern and we teach you the proper way to approach the hobby and build a strong foundation from the beginning.



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Phase I – Ground School

Safety Concerns in the air - discussed and shown when appropriate during the process to solo a model.

Task	Date Completed	RB initials	Comments
Wind direction / pattern	/ /		
Declaring Take Off	/ /		
Declaring Landing	/ /		
Declaring Dead Stick or Emergency	/ /		
Spotter	/ /		
Buddy Box	/ /		
Sunglasses / Hat	/ /		
No Fly Zones	/ /		
Min. safe distances	/ /		
Determining zones in the air/pattern	/ /		
Indoor flying	/ /		
Range check	/ /		
	/ /		
	/ /		
Question/Answers	/ /		

Safety continues once in the air, for those in the air and on the ground. Simple rules will assure enjoyment for all in the hobby and spectators.



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Phase I – Ground School

Lessons and hands on tasks for all students

Task	Date Completed	RB initials	Comments
4 forces on an airplane	/ /		
Buddy Box system	/ /		
Radio 4 functions	/ /		
Servos / Batteries	/ /		
Plane orientation	/ /		
Sim lesson 1 5mins	/ /		
Sim lesson 2 5mins	/ /		
Sim lesson 3 5mins	/ /		
Sim lesson 4 5mins	/ /		
Sim lesson 5 5mins	/ /		
Sim lesson 6 5mins	/ /		
Free Flight indoor	/ /		
	/ /		
	/ /		
Question/Answers	/ /		

By understanding why and how a model flies in a controlled, safe teacher/student setting - once you are outdoors with a real model you will have more success faster while having fun without the stress.



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Phase II – Buddy Box record of flights: ○ ○ ○ ○ ★ ○ ○ ○ ○ ○ ☺ ○ ○ ○ ○ ⚡

Hands on flying of a real model with the close supervision of a qualified training officer

Task	Date Completed	RB initials	Comments
Safety briefing	/ /		
Questions from Phase I	/ /		
Buddy Box review – “ghost flying”	/ /		
Visual markers / boundaries	/ /		
Setting Pattern	/ /		
L/R rudder turns	/ /		
L/R aileron turns	/ /		
Level patterns	/ /		
Figure 8’s level	/ /		
Throttle Mgt.	/ /		
Rolls/Loops	/ /		
Runway line up	/ /		
Stall recovery	/ /		
	/ /		
Question/Answers	/ /		

Flying our model airplanes on a buddy box with our experienced trainers will get you all the instruction you need to solo with your own model plane in the shortest time



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Student Name: _____ Guardian name if under 18: _____

Member of the Red Barons **Y / N** if yes joined: ___/___/ 2010 Age: _____

AMA: Yes required to fly at the field. AMA#: _____

Phase III – Solo

Student pilot final step with their own plane to becoming a solo pilot

Task	Date Completed	RB initials	Comments
Plane preflight – electronics/radio	/ /		
Wing/Fuse/Tail	/ /		
All connections, hinges, CG, final	/ /		
Engine/motor reliably tuned	/ /		
Waiver signed	/ /		
Buddy Box verified	/ /		
Low speed taxi	/ /		
High speed taxi / crosswind tracking	/ /		
Rotation and climb	/ /		
In flight trimming	/ /		
Level pattern both directions	/ /		
High level landing approach both directions	/ /		
4 successful landings @ full stop	/ /		
	/ /		
Question/Answers	/ /		

Congratulations! May you enjoy your hobby for many years to come and teach someone all you have learned with the Red Barons. We can also advance you to the next level of flight/models. Happy Landings!



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Student training program overview

Mission Statement:

To provide at no cost to the greater community an understanding, respect and safety of aero modeling in the greater South Placer County. The Red Barons thru its training outreach hope to instill a love for all radio controlled models in our three-part program.

Phase I:

Ground school

Students of any age over 6 will partake in a twice monthly program that once completed will give the student the proper understanding of basic aerodynamics. Thru on hands demonstrations and use of the computer simulations to develop the proper foundation needed to proceed in a safe and controlled manner in the hobby of radio controlled models.

Phase II:

Buddy Box

Students whom have completed the ground school will advance to flying hands on Red Barons provided trainer airplanes complete with a two way link to the radio (teacher/student) which will allow the student real flight experiences with the help of Red Barons flight instructor. This will take place at WJU in Rocklin during the week.

Phase III:

Solo

Students whom have completed sufficient time and have their instructor sign off their flight log card can advance to the final phase, the solo flight. For the solo flight the student will pilot their own airplane at the Red Barons flight complex Saturdays in Marysville under the guidance of their flight instructor, but without the buddy box. This process can also involve using the Red Barons buddy box equipment on their own plane for as much time as needed for the student to become proficient at take off, pattern flying and landings on their own.

Goals:

- Community outreach
- Fellowship
- Club member involvement
- Proper and safe learning foundation
- Mentoring