



Sean Furgiuele and Matt Pellegrini put the tail on their plane during physics camp Wednesday at Council Rock High School. The camp is using aviation and aerodynamics to teach kids physics. **PHOTOS BY KIM WEIMER / COURIER TIMES**

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# Eyes on the skies

Students are constructing their own remote-controlled planes that they plan to fly.

By KENDRA GENTRY  
COURIER TIMES

After a smooth takeoff, Drew Rosenthal glided his Cessna 182 airplane through the air.

It was a clear, sunny day with little wind.

In minutes, the 14-year-old eased into back flips and barrel rolls.

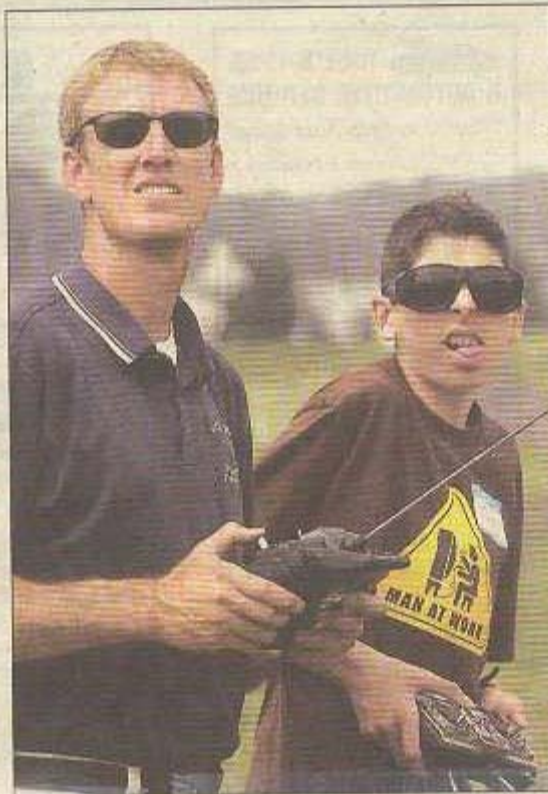
Then suddenly, he crashed — shattering a wing and sliding upside down to a halt.

Lucky for Drew, he was only operating a flight simulator, one of the many activities at the "Physics and Flight" summer camp at Council Rock High School-South this week.

"I really like the simulators, you can choose any plane you like and do almost anything without consequence," the CR South freshman said Wednesday.

It is the second year the camp has been open to students, ages 12 to 15, said Joe Warwick, director and physics teacher at CR South.

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## See for yourself

Joe Warwick said two professionals will give a presentation this morning with 12-foot airplanes that have motorcycle engines. Parents and the public are invited to the air show, which will be from 9:30-11:30 at the practice football field at Council Rock High School-South, Rock Way in Northampton. The show is part of the "Physics and Flight" summer camp at the school.

Physics camp instructor Joe Warwick helps student Jacob Bresler control his model airplane.

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# Physics: Summer camp has students flying high

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This summer, 19 district and nondistrict students enrolled in the five-day camp, which teaches how physics can be applied to aviation. Students work with planes, rockets and helicopters.

In addition to using computer software to learn basic flying skills, students also build 5-foot, remote-controlled planes that are gas powered.

Ed Warwick, Joe's father and a licensed pilot, helped students Wednesday insert the fuel tank inside a "Sky Raider" plane kit. Once completed, the students will have

a chance to see if their planes work.

"The goal is to finish two planes so that they can fly on Friday," he said.

Outside on the practice football field, CR South senior and camp instructor Dane Carroll helped 14-year-old Travis Spiecker master the approach of landing by using a remote-controlled plane that was constructed during last year's camp.

Travis, a CR North freshman, flew in ovals, and any time he wandered too high or low, Dane took over by using a second remote that also controlled the plane.

"It's called a buddy box

system," Dane said.

Stefan Frick, 14, said "Physics and Flight" will help during science class when he begins his freshman year at CR North this fall.

He said he enjoyed working with remote-controlled planes so much that he convinced his father to think about buying him one.

"If I get it, I'm going to try and not crash," Stefan said.

Only one plane has crashed so far during the summer camp, Joe Warwick said.

"It's a part of the hobby," he said, "a sad part."

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