

# Liberty Press *Weekly*

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512th Airlift Wing, Dover Air Force Base, Del.

## 512th AMXS dominates Ultimate Fitness Challenge

**Senior Airman Joe Yanik**  
512th Airlift Wing Public Affairs

About 200 Liberty Wing reservists came out to the 2012 Ultimate Fitness Challenge Saturday at the base track.

"The goal of the fitness challenge is to build esprit de corps among squadrons while promoting fitness throughout the wing," said 1st Lt. Michelle Anderson, 512th Maintenance Group executive officer and one of the event organizers.

Airmen from the 512th Aircraft Maintenance Squadron earned the trophy for best Overall Team, capturing more than half a dozen awards by the end of the day.

To read the full story and view the complete winners' list, visit <http://www.512aw.afrc.af.mil/news/story.asp?id=123322436>.



Tech. Sgt. Rick Scully, a 512th Maintenance Squadron sheet metal mechanic, asks his counter the number of pushups he's completed at the Ultimate Fitness Challenge Oct. 13 at the base track. Dozens of Dover reservists competed in the event, which featured contests in sit-ups, pushups, relay race, lap walk and tug-of-war. (Photo by Senior Airman Joe Yanik)



The first C-17 flight tests employing vortex surfing were conducted at Edwards Air Force Base, Calif., Sept. 6 and Oct. 2. Surfing Aircraft Vortices for Energy, or \$AVE, involves two or more aircraft flying together for a reduced drag effect to save fuel. (Courtesy photo)

## Vortex surfing could be revolutionary

**Senior Airman Joe Yanik**  
512th Airlift Wing Public Affairs

Migrating birds, NASCAR drivers and Tour de France bicyclists already get it. And now the Air Force is thinking about flying gas-guzzling cargo aircraft in formation--'dragging' off one another--on long-haul flights across the oceans.

Flight tests with C-17s "vortex surfing" at Edwards Air Force Base, Calif., Sept. 6 and Oct. 2, have demonstrated potentially large savings of fuel and money by doing what geese do naturally. Tests show that flying in formation might be smarter than flying alone for Airmen, and not just for birds.

As one effort in the Air Force drive to reduce its overall fuel consumption, vortex surfing may be the wave of the future. Read the full story at <http://www.afrc.af.mil/news/story.asp?id=123321615>.

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