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## FAA orders older 737s to fly lower

N.Y. Times News Service  
**NEW YORK** — The government on Saturday barred older Boeing 737s like the Alaska Airlines plane torn open over Ill. from flying above 25,000 feet until they are subjected to a stringent new inspection.

The emergency order from the Federal Aviation Administration said the precise cause of the accident was still unknown. But it added that the fuselage might have ripped away because of "cracking, corrosion or delamination of the fuselage structure."

Much of the upper half of the fuselage tore off Thursday afternoon while the plane was cruising at 24,000 feet. A flight attendant was apparently swept out of the cabin to her death, and 60 people were injured.

The new altitude limit applies to Boeing 737s that have more than 55,000 landings.

The 19-year-old Alaska plane had made almost 90,000 landings and had been particularly vulnerable to saltwater corrosion because it operated exclusively on-islands from one Hawaiian island to another.

A Boeing spokesman said that 66 of the 1,500 Boeing 737s in operation worldwide have made more than 55,000 landings, and he estimated that half or fewer were operated by U.S. carriers.

FAA directives apply only to planes operated by U.S. airlines, but Boeing met the airline to foreign carriers to an urgent recommendation, and they routinely follow the United States lead in such cases.

An agency spokesman, Fred Furrer, said the older planes in U.S. fleets were operated not only by Alaska but also by Piedmont and American Airlines.

Bill Kreis, a spokesman for Piedmont, said the company operates 17 of the planes affected by the ruling. Half of those planes have already passed the required tests, Kreis said. He could not say whether any of the planes had already flown through Norfolk International Airport before being checked.

No one from American Airlines could be reached for comment Saturday night.

USAir is the only commercial carrier that flies into Newport News Patrick Henry International Airport, and none of its planes fell under the ruling.

The air pressure inside airliner cabins is kept at a level equivalent to no more than 6,000 feet above sea level, which requires an increase in pressure while the plane climbs higher and air outside gets thinner.

The cycle is reversed on descent. ■ Please see Page A4

## Thousands draw a bead on festival



Doris Byrd of Carolina County demonstrates head-making Saturday at the folk festival and Regatta in Urbanna. The festival, a revival of the discontinued Dragon Run folk festival, featured Irish dancing, arts and crafts and plenty to eat. About 9,000 people attended the event. Story on B4.

## AIDS vaccine tested

6 of 59 develop immune response

WASHINGTON (AP) — The first American test of an experimental AIDS vaccine produced an immune response in six volunteers and is an important step toward developing a vaccine against the deadly disease, officials said Saturday.

The National Institute of Allergy and Infectious Diseases announced that the men showed the immune reaction to injections of a purified protein called gp120, derived from a portion of the human immunodeficiency virus, HIV, is the virus that causes acquired immune deficiency syndrome.

An immune response is determined when the test subject's blood develops antibodies against the injected vaccine.

Many steps remain, however, before the work could result in an AIDS vaccine.

Dr. Tony Fauci, director of the institute, said the tests were conducted to determine if the vaccine was safe and if it evoked an immune response.

"It is clear that it is safe, and the study indicates that several volunteers did develop an immune response," he said.

The test also is designed to help determine the proper dosage of the vaccine for maximum beneficial effect.

A report on the study was presented at the annual meeting of the American Foundation for Clinical Research.

The next step is to remove antibodies from the test subjects and determine if these antibodies will react in test tubes to the AIDS virus.

The test of gp120 started with 59 volunteers divided into four groups. Each group received injections of a different strength of the gp120.

Two subjects in a group that received the injections but no booster shots developed immune response. Four of a group that received both the initial shot and a booster also developed immune response.

## Frustrating search for students persists

By BOB EVANS  
 Staff Writer

The answer to three weeks of uncertainty for two local families might be somewhere between University Square apartments in Newport News and a scenic overlook east of Yorktown on the Colonial Parkway.

Richard Keith Call, 20, and Cassandra Lee Hailey, 18, were at a party with dozens of other Christopher Newport College students at the Warwick Boulevard apartments near the school's campus about 2 a.m. April 10.

They have not been seen since, al-

though police found no sign of foot play where Call's car was found on the parkway later that same Sunday morning.

Investigators won't comment in detail about the case but admit they lack several important facts despite the offer of \$11,000 in reward money.

"This office is looking for someone who can tell us they actually saw Keith and Sandra go from where the party was and get into an automobile and leave," says Capt. Ron Montgomery of the York County Sheriff's Department, which is investigating a disappearance report from Hailey's family. The Gloucester

County Sheriff's Department is investigating a similar report from Call's family.

Montgomery says no one has been found who saw them leave the party, or who knows where Call's red Toyota Celica was parked. "I'll settle for that, at this point."

Frequent trips up and down the York River by State Police planes and helicopters, inspections of several small islands in the river and traps along the shoreline by boats have found no sign of

the two, says Gloucester Sheriff Robin Stansbury.

FBI Special Agent Joe Wolfinger will not even say if he thinks Call and Hailey were actually on the parkway that morning, or whether their belongings were left there to confound the riddle of their disappearance. The FBI has primary jurisdiction in the investigation because Call's car was on federal property.

The car, containing several items of the couple's clothing and their watches, was found at a scenic overlook off the parkway on a cliff above the York River.

■ Please see Missing, A4



Debbie Whitehouse of Hampton takes a photo of her daughters on Saturday in front of a Chesapeake Avenue home scheduled to be torn down Monday. Story on B1.

## Steel workers stay home on eve of Polish holiday

KRAKOW, Poland (AP) — Strikers occupying a machinery plant in southwest Poland ended their strike Saturday after apparently winning promises of higher pay, but a walkout by thousands of steel workers continued with no end in sight.

The developments came as the Polish government prepared to celebrate May Day, the nation's biggest official holiday. Solidarity, the banned trade union federation, called for nationwide protests.

In the history of the communist government, there has never been a large-scale strike in progress on May Day.

Strike leaders said dozens of police vehicles, including water cannons, moved into positions near the Lenin steel mill in Nowa Huta late Saturday. There were also large numbers of police in other parts of Krakow and in Warsaw in a show of strength before May Day.

More than 40 activists were rounded up to prevent them from taking part in the holiday protests, said Zdzislaw Romanowski, a Warsaw Solidarity spokesman.

One of Poland's senior anti-government activists, Karmel Morawiecki, kissed his daughter after being freed from prison Saturday.

■ Please see Poland, A4

## So long, neighbor

Debbie Whitehouse of Hampton takes a photo of her daughters on Saturday in front of a Chesapeake Avenue home scheduled to be torn down Monday. Story on B1.

Staff photo by BOB EVANS

## Battlefield lasers carve niche in modern arsenals

By MALCOLM N. BROWN  
 N.Y. Times News Service

Lasers, which have become nearly as common as guns in modern arsenals, are making battlefield — no dangerous for friends as well as foes that arm makers are racing to devise new shields against them.

Unlike the powerful lasers envisioned as anti-missile weapons for the Reagan administration's Strategic Defense Initiative, battlefield lasers developed during and since the Vietnam War are relatively cheap and

are produced in great numbers.

A Pentagon expert estimated in an interview that the Soviet army is using "tens of thousands" of battlefield lasers of various kinds.

American ground, air and naval forces also depend heavily on lasers, including a portable range finder and target designator device called a Ground-Vehicular Laser Locator Designator.

The lasers are not intended primarily as weapons; they are not capable of shooting down missiles or airplanes.

Instead they are used to find concealed enemy positions, to determine the distance and directions of targets and to illuminate targets with laser energy that, when reflected by a designated target, serves as a homing beacon for robotically steered bombs, shells and missiles.

Despite the relatively low power of the lasers, they are capable of devastating the vision devices and tracking equipment essential to the latest tanks, warships and aircraft.

Some can also dazzle and even

blind human beings by burning out retinas, clouding corneas or otherwise damaging the eye.

As a sign of the times, the United States Army has ordered 100,000 pairs of plastic anti-laser goggles for infantry soldiers, a senior Army commander disclosed in an interview.

The goggles are designed to block two common wavelengths of laser light: visible red light and invisible infrared radiation.

Some American officials, including Sen. Malcolm Wallop, closed in an interview.

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■ Please see Lasers, A8

Today's weather: Mostly sunny and warmer, high around 70. Details on A2.

ivan-Covrea jury names Fawcett as unindicted co-conspirator. A4

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