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Heinrich Safety Triangle, Dreamliner Revenue Flight, TSA at it Again

Issue #31

October 25th, 2011

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Thank you for taking the time to read this safety message.

An exciting newsletter this month as we announce a new product, a book titled, *I've Screwed Up! Now What?* which walks you through the NASA report and how you can use it to improve safety and eliminate civil penalties if you bust an altitude, or plow through airspace unintentionally. Double Header: Videos of the Month are spectacular:

1. The Dreamliner in action on its First Revenue Flight.
2. Stunning video of Iceland complete with a DC3 trapped forever in time.

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Thanks for your continued support,
Darren

The Heinrich/Smith Safety Triangle

A recent helicopter accident once again reminded me how tenuous life is. While the folks in this particular incident survived, many times they don't. Just look at the [monthly lists of accidents](#) on the NTSB website and you'll see what I mean. The problem in aviation is that it automatically cleanses itself of folks that don't belong. How I wish that we can predict which folks would kill themselves in aviation. Obviously we'd try to give them a hint. The best we can do is offer the occasional web article we might stumble across.

We've got to do better in preventing accidents & incidents. It's taken 100 years but the first 99% of the effort has been completed. That last 1% will probably take another 100 years. For now we'll have to be satisfied with accident reports that state pilot error as the cause. I'm not quite satisfied with this conclusion that appears on some 90% of the reports in the NTSB database.

This Month:
Spaceport - Upham NM

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Quote of the month

"The tendency of an event to occur varies inversely with one's preparation for it."

- David Searles

Hit reply and send me your favorite quote.

Always free lifetime updates

Practical advice for using the NASA form when you've violated the FARs

In doing some research on flight safety, I came across the work of H.W. Heinrich. Mr. Heinrich was an Industrial Safety Engineer, who in 1931 developed a model describes how major injuries/industrial accidents occur.

For a given population of workers, his model proposes that for every 300 unsafe acts there are 29 minor injuries and one major injury. Heinrich's theory accounts for the first three levels of the model. For more than 75 years, industrial safety managers have tried to reduce such accidents and injuries by attacking the problem from different ends of a three level pyramid. They run around fixing frayed power cords, making sure equipment interlocks work, and enforcing safety rules.

[Find out more at cfidarren.com](#) - learn how to select the best pilot for the flight you are about to undertake...

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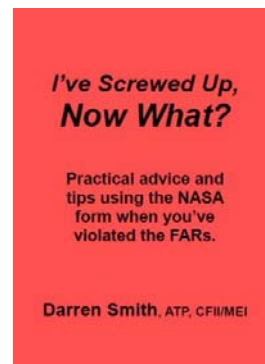
**I've Screwed Up! Now What?
Using the NASA form**

A limited number of proofs are available. These books the same as the final copy you can buy from Amazon, but are available at a stunning discount to the newsletter subscribers. These have the pink "galley proof" cover instead of the green retail cover but the content is the same.

This publication offers you practical advice and tips using the NASA form when you've violated the FARs. This 48 page guide will walk you step by step through filing a NASA safety report. It will tell you the techniques and traps to submit a good report AND keep your pilot certificate unblemished. You only have 10 days to submit your report, so this is the tool you want to have ahead of time. Designed to fit in your flight bag, size: 6"x9" Sent USPS Class Mail with Delivery Confirmation Tracking Number, arrives in 2-7 days. **This special sale brings this book to you for \$10** (\$7.50+ postage) - only for a limited time, and there are only 10 of these available at this price.

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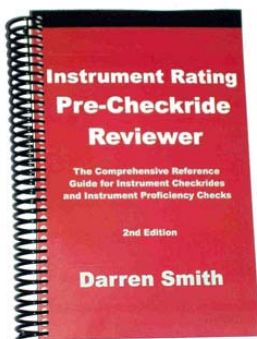
Dreamliner Dazzles Customers on First Revenue Flight



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Protect Your Investment

Today was the first revenue flight for a Dreamliner. One customer spent \$30k just for the chance.

TOKYO, Oct 26 (Reuters) - Carrying its first paying passengers on Wednesday, the Boeing Co Dreamliner, the world's first carbon-composite airliner, flew to Hong Kong Wednesday from Tokyo.

Its takeoff into clear blue skies after a salute and shower by an airport fire truck marked what its maker hopes will set a new benchmark in air travel. The Dreamliner won't fly any faster than the first 707 jetliner the U.S. company built a half century ago, but it's not supposed to. Instead, it is designed to make the hours aloft more pleasant for passengers and cheaper to fly for its owners.

The Dreamliner that flew Wednesday is owned by All Nippon Airways Co and a jubilant Shinichiro Ito, the airline's president and CEO, described his brand new plane as a "game changer." He acknowledged, however, that production hiccups that delayed delivery for three years had put his carrier "through hard times."

With its mostly carbon-composite body, Boeing's technological flagship offers a 20 percent improvement in fuel efficiency and a 30 percent reduction in maintenance costs. Its cabin builders promise a flight with ambient lighting, with settings such as sleep long, cruise bright and beverage medium, engineered to lull passengers to sleep. The cabin also boast higher air pressure that will make the interior feel like 6,000 feet rather than the 8,000 feet on other jetliners.

Passengers on ANA's jet were treated to shifting hues of color, including a rainbow display as the aircraft lifted off from the tarmac in Tokyo, its engines a gentle whistle. The quiet engines and greater cabin air pressure might create a new problem in air travel: making conversations of fellow passengers easy to hear. Its other bells and whistles include windows that are 30 percent bigger and which can be dimmed electronically. Seat-to-seat e-mail, bidet-equipped lavatories with their own windows and bigger touchscreen entertainment panels.

Gino Bertuccio, an Italian cosmetic importer living in Miami, said he liked the windows, although he wondered how well they will work after wear and tear and curious children. Bertuccio, who describes himself as an aviation enthusiast spent \$30,000 in an auction to buy his ticket on the flight.

TSA Leaves a "Dirty" Note In a Woman's Luggage

Consider the following:

Getting the Most From Your Flight Training

Become a better pilot, Pay the least, Get the most, and Finish quickly.

Darren Smith, ATP, CFI/MEI

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Ultimate Checklist

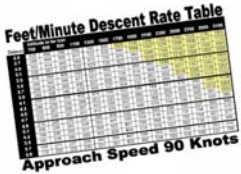


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Safer Approaches



Use CANPA to perform safer, stabilized approaches

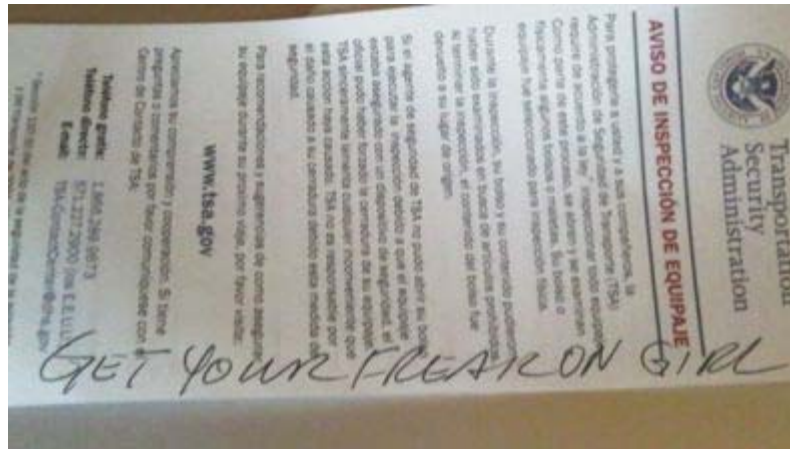


Use the safest, airline-proven flying technique for non-precision approaches that minimizes aerodynamic surprises and virtually eliminates the possibility of Controlled Flight Into Terrain.

Darren Smith, ATP, CFI/MEI

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Learning IFR Charts



And imagine your surprise if you got this in your luggage after it was inspected by the TSA. Of course, the TSA is not commenting on the incident.

An alert Transportation Security Administration screener at New Jersey's Newark Airport apparently spotted a "sex toy" stuffed inside a passenger's luggage Saturday and offered the traveler some encouragement.

"Get your freak on girl" was found written in black ink on the back of a TSA notice, passenger Jill Filipovic revealed on her Twitter page. "Just unpacked my suitcase and found this note from TSA," she tweeted. "Guess they discovered a 'personal item' in my bag. Wow."

"The fact that TSA rifles through our personal items isn't a secret, but it's also something most of us don't particularly want to think about," Filipovic told the Daily Dot. "The fact that they would leave a note takes it to another level of invasive - especially since I imagine they assumed I'd be embarrassed by their discovery."

Because TSA is just one of several entities that handles checked baggage, TSA cannot confirm yet if it was a TSA employee who added the handwritten comment to the note received by Filipovic. But, according to TSA spokesperson Greg Soule, "TSA takes all allegations of inappropriate conduct seriously and is investigating this claim."

Meanwhile, apparently loaded guns in checked bags aren't on TSA's radar. This [article from the LA Times](#) exposes the potential loophole became apparent over the weekend at Los Angeles International Airport, when an undeclared, loaded .38-caliber handgun went undetected from the airport and almost onto an Alaska Airlines flight to Portland. It was discovered by ramp workers, who said the gun fell out of a duffel bag as they were about to load it on the plane.

Did You Get Yours?

**Learning
IFR Enroute
Charts**

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Chart Symbolology

Darren Smith, ATP, CFI/MEI

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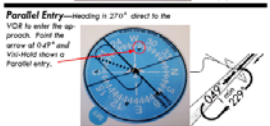
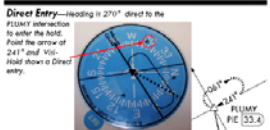


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Examples:



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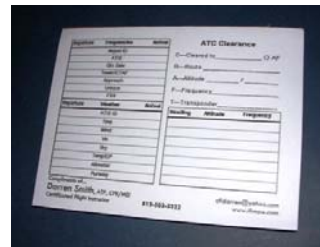
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