

NTSB ADVOCACY SPOTLIGHT

HIGHLIGHTING NTSB ADVOCACY IN ACTION

VOL 1 ISSUE 2

THE BIG STORY

First-Ever Video Accident Report Highlights Procedural Compliance Concerns in Aviation

When flight crews do not follow procedures accidents can ensue, such as the August 14, 2013, crash of UPS flight 1354 in Birmingham, Alabama. In May, the NTSB released a "lessons learned" video for pilots that served as a targeted "companion" product to the full NTSB accident report. The video highlighted the failures that led to that crash-including the crew's failure to follow standard approach and landing procedures.

This was the first time the NTSB produced a video report of an investigation, and its release garnered media coverage and tremendous direct response by pilots. At this writing, the "video report" has been viewed more than 72,000 times on Youtube. In the last 10 years, NTSB investigators have determined that more than a dozen aviation accidents were caused primarily by the flight crews' failure to follow procedures related to callouts, go-arounds, speed, use of checklists, and more. NTSB placed "Strengthening Procedural Compliance" on its 2015 NTSB Most Wanted List in January and is producing a video for pilots highlighting the five key procedures from which pilots and crews tend to deviate.



Check out the video!

In This Issue

[Youth and Teen Outreach](#)

[Global Outreach](#)

[General Advocacy](#)

[MWL - Progress Report](#)

Blogs of Note

[Teen Driving Safety: Changing Attitudes And Changing Behavior](#)

[Fallen Heroes: Tragedies Not In Vain](#)

[Neighbors Helping Neighbors To Fight The Road Death Epidemic](#)

[Positive Train Control in 2015: A Deadline We Can Live With](#)

[Electronic Stability Control for Heaviest Trucks and Buses](#)

[From Tragedy to Turning Point \(Orland Crash\)](#)

YOUTH AND TEEN OUTREACH

Global Traffic Safety Month

May was Global Youth Traffic Safety Month, a month dedicated to reducing the preventable traffic deaths of youth around the world. NTSB Acting Director of the Office of Highway Safety Rob Molloy shared the

lessons he learned from highway crash investigations with inner-city high school students from the National Collegiate Prep School, in Washington, DC. The NTSB Advocacy team worked closely with the National Organizations for Youth Safety to orchestrate the event, which aimed to educate teens on how they can reduce and prevent injuries and deaths on our roadways.

[See Dr. Molloy's blog on the event.](#)



Rob Molloy at National Collegiate Prep School in Washington, DC

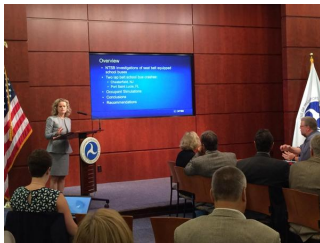
Highway Safety and Youth Outreach

At the 70th annual national Family, Career and Community Leaders of America Leadership's "Seventy Years Strong" rally on the National Mall in Washington, DC, in June, NTSB Vice Chairman Bella Dinh-Zarr addressed teen leaders. Speaking at the foot of the Capitol she praised the critical role that teens can play in spreading the highway safety message to their peers. The Vice Chairman also addressed the topic in a blog, where she reminded readers that "more young people die in crashes every year than from any other cause."



Vice Chairman addresses youth on Capitol steps

[See the Vice Chairman's Blog](#)



Seat Belt Use in School Buses

On July 23, NTSB staff lent their expertise to the question of whether school buses - already among the safest vehicles on the road - can be made safer. Biomechanical Engineer and Survival Factors Investigator Kristin Poland joined other government officials, association representatives, and student transportation professionals at an informal event to discuss occupant protection on school buses. The meeting - "School Bus Occupant Protection: Taking Safety to a New Level" - was held at the U.S. DOT headquarters in Washington, D.C. One association leader called it an "important and historic discussion."

Back-to-School Media Event

NTSB safety advocates worked with Loudoun County, Virginia, school officials and other Virginia transportation safety advocates to orchestrate a media event in Ashburn, Virginia, on August 25 designed to remind students and parents alike about the importance of traveling safely in school buses, bikes, and cars during the school year. The event was featured on local news.



GLOBAL OUTREACH

Global Road Safety Week

As part of the United Nations' third Global Road Safety Week (#SaveKidsLives) in early May, NTSB Vice Chairman Bella Dinh-Zarr participated in a rally in New York. The week-long effort sought to highlight the plight of children on the world's roads and generate action to better ensure their safety. The event brought New York school children together with advocates from the United Nations' Decade of Action for Road Safety, including Zoleka Mandela and actress Michelle Yeoh, as well as the World Health Organization, UNICEF, and the National Highway Traffic Safety Administration. About 186,300 children under 18 years old die from road traffic crashes annually in the world.



NTSB HQ staff show support for Global Road Safety Week

Addressing Highway Safety in the Caribbean

NTSB Safety Advocate Nicholas Worrell addressed government officials in the Caribbean at the International Road Federation's 4th Caribbean Regional Congress (IRF #CRC4) in early May. He discussed NTSB's efforts to combat distracted driving, improve occupant protection, and eliminate impaired driving, and emphasized the importance of using a three-pronged approach: legislation, education, and enforcement. For more information about this event, see his [blog](#).

GENERAL ADVOCACY



NTSB Spreads Message about Benefits of Forward CAS

In early June, the NTSB released a Special Investigation Report, called "The Use of Forward Collision Avoidance Systems to Prevent and Mitigate Rear-End Crashes." The report discussed the benefits of autonomous emergency braking and collision warning in passenger and commercial vehicles. The NTSB announced the findings of the report in a video press briefing and briefed stakeholders who directly have a part in implementing the recommendations of the report. The NTSB has been advocating the use of

forward collision technology for almost 20 years. The report findings also appeared in multiple print and broadcast outlets throughout June and July. Several US senators have introduced legislation that would "require federal auto regulators to include information about collision-avoidance systems in their new car safety ratings."

[Read Report](#)

Travel Safety Messages Heat Up Over Summer

Tires, boating, motorcycle safety, and holiday celebrations were some of the topics NTSB tackled this summer, in aims of reminding the public to keep transportation safety in mind as they enjoy the season. The summer is the most dangerous season, as many more travelers are on the roads and in the water. In advance of Tire Safety Week, which began on May 24, the NTSB issued a [Safety Alert](#) (See "Drivers-Manage Tire Risks") outlining how tire registration and periodic maintenance can reduce the risk of crashes. A [Safety Alert video](#) (See "Towline Failures") offered parasailing tips. Two blogs offered advice on [safe boating](#) and how to [safely share the waterways](#). The NTSB also reminded folks about helmet use and [smart riding](#), especially during the Memorial holiday weekend and Fourth of July. Handling fireworks over the Fourth can be risky, but driving intoxicated can be riskier-and deadly. A [blog](#) by the NTSB Vice

Chairman reminding the public to celebrate our independence responsibly was issued just prior to the holiday.

MWL and Advocacy . . . In the News

- [CBS News](#) featured the NTSB's Most Wanted List on its morning show in late July.
- [Occupational Health & Safety](#) highlighted NTSB's August blog applauding UPS's July 22 announcement that it would make collision avoidance systems standard equipment on all new class 8 tractors it orders, including the 2,600 new tractors it will acquire this year.
- As students in Virginia prepared to go back to school, a [local television news station](#) featured information discussed in an NTSB blog written by Chairman Chris Hart called, "What's the Safest Way for Students to Get to and From School? By School Bus."

Major NTSB Presence at Oshkosh Aviation Event

Chairman Christopher Hart, Member Earl Weener, and NTSB aviation safety investigators participated in the Experimental Aircraft Association's AirVenture Oshkosh 2015, the association's annual fly-in convention in Oshkosh, Wisconsin, on July 20-26. In a "Meet the Chairman" forum, Chairman Hart discussed the NTSB's aviation safety priorities. Member Weener addressed the NTSB's Most Wanted List item, "Prevent Loss of Control in General Aviation." NTSB investigators made about 15 presentations on a variety of safety issues throughout the week.



NTSB Chairman Hart (center)

MOST WANTED LIST - PROGRESS REPORT

Strengthen Commercial Trucking Safety

- In early June, the National Highway Traffic Safety Administration announced it was making electronic stability control mandatory on heavy trucks and large buses with weight ratings over 26,000 pounds. The NTSB applauded the move in a blog.
- Sen. Cory Booker (D-NJ) introduced the Truck Safety Act (S. 1739), which aims "to modernize truck safety standards." Among other things, the new bill would require commercial motor vehicles to have crash avoidance systems, such as forward collision warning systems and lane departure warning systems.

Disconnect from Deadly Distractions

- The NTSB issued an [advisory](#) ("See and Be Seen") calling for pilots to exercise caution and not be distracted during flights.
- Member Robert Sumwalt met with the Global Automakers on July 29 at the NTSB headquarters to learn more about how automakers are incorporating technologies to aid in combating distraction; this followed an NTSB distraction roundtable in April.

Make Mass Transit Safer

- The Chicago Transit Authority is overhauling its bus training to focus on split-shift work hours and fatigue following an accident that killed a pedestrian in early June. The NTSB has investigated several fatigue-related bus crashes in recent years.
- The Department of Transportation is considering a rule that would establish a public transportation safety program to strengthen the safety of public transportation systems

throughout the United States. The rule would give the Federal Transit Administration's Administrator the authority to "monitor, oversee, and enforce safety in the public transportation industry."

Strengthen Procedural Compliance

- The Federal Aviation Administration is proposing new training requirements for pilots that increase the allowed use of aviation training devices and proposes flight simulator standards.
- The European Aviation Safety Agency (EASA) has certified Airbus's Runway Overrun Prevention System technology for the A330 family of aircraft. The EASA, Eurocontrol, the Federal Aviation Administration, and the NTSB have been promoting "the introduction of effective measures by commercial aviation stakeholders to eliminate the risk of runway excursions."

End Substance Impairment in Transportation

- NTSB staff members met with Senator Harry Reid's staff to discuss NTSB recommendations related to alcohol and drug-impaired driving.
- The National Highway Traffic Safety Administration is looking to launch a product to detect alcohol (.08 percent BAC levels) in the blood before a driver gets behind the wheel. The agency also unveiled a prototype car with advanced alcohol detection technology (DADSS).

Implement Positive Train Control in 2015

- As a result of the Amtrak derailment, on June 9, the Federal Railroad Administration issued an advisory recommending actions passenger railroads should take to prevent trains from speeding, including identifying locations where there is a reduction of more than 20 mph from the approach speed to a curve or bridge.
- Amtrak and SEPTA are among 11 railroads set to install federally-mandated positive train control by year's end.

Improve Rail Tank Car Safety

- On July 23, as part of its ongoing investigation of the derailment of a crude oil unit train in Casselton, North Dakota, the NTSB unveiled a Train Braking Simulation Study. The study shows that electronically controlled pneumatic (ECP) brake systems out-performed distributed power configurations, which in turn out-performed conventional brake systems. NTSB recommendations have called for improved technologies that can reduce or minimize the risk of derailments.
- NTSB representatives briefed the International Association of Fire Chiefs on the NTSB mission and the agency's rail tank car safety recommendations, several of which were made following the derailment of a train carrying hazardous materials in southern New Jersey in November 2012.

Prevent Loss of Control in Flight in General Aviation

- The Aircraft Owners and Pilots Association's annual fly-in at Frederick, Maryland Municipal Airport featured NTSB Chairman Christopher Hart, who presented a seminar on emerging general aviation safety issues.
- The media brought attention to NTSB's "Prevent Loss of Control in Flight in General Aviation" Most Wanted List issue area after the NTSB reported the highest rate of fatal general aviation accidents since 1998.

Require Medical Fitness for Duty

- In mid-August, safety advocates and the NTSB medical officer briefed nearly 400 school bus operators in Loudoun County, Virginia, on distraction and the importance of staying medically fit for duty. NTSB presented the results of a study on aviation pilots, which showed a dramatic increase in impairment-related crashes, and discussed highway and school bus accidents that involved drug-impaired or distracted drivers.

Enhance Public Helicopter Safety

- The Federal Bureau of Investigation (FBI) sent a letter to NTSB Chairman Christopher Hart detailing the changes it planned to make following NTSB recommendations made to improve helicopter safety after investigating the March 30, 2013, crash of an Alaska Department of Public Safety helicopter.
- Director of Communications Sharon Bryson was part of a panel discussing NTSB recommendations regarding public helicopter safety at the Airborne Law Enforcement Association's annual conference in Houston, Texas, on July 13.

DATES OF NOTE

Commercial Vehicle Safety Alliance - National Conference	September 13-17	National Teen Driver Safety Week	October 19-25
Child Passenger Safety Week - NHTSA	September 13-19	NTSB's 5th Annual Youth Open House and Transportation Education Day	October 22
NTSB Multi-Modal Highway Advocacy & Outreach Trip to Colorado and Kansas	September 14-18	143rd APHA Annual Meeting, featuring NTSB	October 31
Virginia Distracted Driving Summit	September 17-18	National Drug & Drugged Driving Prevention Month	December

Stay Connected



SUBSCRIBE TO LIST

FORWARD EMAIL

[Forward email](#)



This email was sent to spotlight@ntsb.gov by spotlight@ntsb.gov | [Update Profile/Email Address](#) | Rapid removal with [SafeUnsubscribe™](#) | [About our service provider.](#)



Try it FREE today.