



The University of Georgia Cooperative Extension

GEORGIA TRAFFIC INJURY PREVENTION INSTITUTE

The Governor's Office of Highway Safety is a full partner in this program

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Did you know?

- Nurses can earn 23.75 continuing education hours after completing a CPST certification class. Contact GTIPI for more information.
- Bulky clothing underneath a child's harness can reduce the effectiveness of a child restraint. Harness a child in the seat first, then cover the child with his or her winter coat or blanket.

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Tech Talk

Occupant Safety is in the Air

Chelsia Brodie, CPST

With the holidays upon us, families are traveling throughout the nation to visit loved ones. The Federal Aviation Administration (FAA) recommends parents bring a child restraint system (CRS) to properly restrain children during a flight.

When traveling by air, turbulence creates similar conditions as a vehicle crash and objects that are left unsecured could become projectiles. Therefore, properly restrained children reduce being injured and harming other passengers.

Caregivers are urged not to carry infants or toddlers in their laps and reserve an additional seat to properly install and use a CRS. The FAA provides the following tips for caregivers as they plan their flights:

- Select the appropriate CRS based on a child's weight (*Figure 1*).
- Make sure the CRS is FAA approved. Read the labels on the seat or review the owner's manual.
- Measure the CRS. It should be no wider than 16 inches to fit in most airplane seats.
- Request a window seat when making flight reservations. A CRS cannot block an escape path or be installed in an exit row.
- Ask for discounted fare or see if the airline will allow you to use an empty seat to install your CRS.
- Booster seats and harness vests are prohibited devices. If a child is forward facing and weighs 22-44 pounds, request the airline provide a CARES Child Safety device.

Figure 1: FAA CRS Selection Guide

Child's Weight	Suggested Seat
Less than 20lbs	Rear-Facing CRS
20 to 40lbs	Forward-Facing CRS
22-44lbs	CARES Child Safety device
More than 40lbs	Airplane Seat Belt

For more information about flight safety visit www.faa.gov/passengers/fly_children.

Tummy Shield: Guarding the Unborn Life

Chelsia Brodie, CPST

Virginia Tech researchers reported that the most common cause for traumatic injury and fetal deaths was automobile crashes and misuse of the mother's lap belt. The goal of the seat belt is to keep a passenger restrained by contacting the stronger part of body at the collar and hip bones.

Greg Durocher, CEO of Safe Ride 4 Kids, explains that as a woman's pregnancy continues, the hip bones are pushed further behind her abdomen and the lap belt, if worn, is often positioned across the stomach. During a frontal crash, this misuse causes the pelvis to be pulled under the stomach and puts strain directly on the uterus.

Consequently, each year, 160 pregnant women are killed in motor-vehicle crashes and an additional 800-3200 fetal deaths occur if the mother survives. This concern led to the creation of the Tummy Shield, an 8-lb belt guide cushion embedded with a stainless steel plate and hook. It was designed to position the lap belt between the passenger's legs creating a fourth anchor point.

As a result, crash forces are spread evenly across the mother's lap, unlike a car seat's five point safety harness. This device provides comfort for the mother which may ensure correct seat belt usage throughout pregnancy. The device has been tested against the criteria of Federal Motor Vehicle Safety Standards and the Australian Design Rules. The Tummy Shield is currently being sold in the USA.



Tummy Shield Quick Facts:

- **Comfortable driving & riding during pregnancy**
- **Diverts belt pressure to thighs and pelvis**
- **Prevents injuries to unborn children**

For more information visit www.tummyshield.com



DISCLAIMER: Trade and brand names are used only for information and descriptions are those of the manufacturers. The University of Georgia Extension, College of Agricultural & Environmental Sciences, and College of Family & Consumer Sciences does not guarantee nor warrant published standards on any product mentioned neither does the use of a trade or brand name imply approval of any product to the exclusion of others which may also be suitable.

UPPAbaby Mesa Introduces SMARTSecure System

Jason Redmond, MEd, CPST

UPPAbaby's mission is to make the smartest strollers, car seats, and juvenile gear available. With the release of the MESA infant car seat, the company is on course for completing its mission.

UPPAbaby MESA was created with the industry's first SMARTSecure system. The SMARTSecure system allows caregivers to accurately install the infant seat within 10 seconds. Once attached, the auto-retracting lower anchors tighten as the caregiver pushes down on the car seat base.

The MESA boasts both a level indicator and tension indicator, which removes caregiver uncertainty as to whether the base is installed tightly and at the right angle. If an infant seat is installed without the base, the Mesa uses a European-style belt routing path. This path guides the belt around the back of the seat, ensuring the carrier remain secure while in the vehicle.

It also has a unique no-rethread five-point harness that adjusts to infants 4-35 pounds and up to 32 inches in



SMART Secure system features auto-retracting lower anchors to ensure 10 second installations.

height. The MESA is listed as one of the five best car seats on the market by Consumer Reports, engineered with the latest side impact testing standards and is a recipient of the NHTSA 5-star ease of use rating.

Maxi-Cosi Pria 85

Reshma Punjani, CPSTI

As CPS Technicians, we all understand the importance of keeping children in a harness for as long as possible to ensure that they are properly secured and safe. Maxi-Cosi has implemented this principle and created the Pria 85 convertible car seat. The Pria 85 is an innovative seat that can be used with a harness for a child weighing up to 85 pounds! The following are some of the features of the Pria 85 convertible seat:

- The rear-facing position can be used for children weighing 14-40 lbs.
- In the forward-facing position, the Pria 85 can be used for children weighing 22 to 85 pounds.
- The Pria 85 is equipped with the one click LATCH system. (*right*)
- CusiCushion fabrics provide comfort, are machine washable, and safe for dryer use.
- The Air Protect® cushion system provides side impact crash protection for the child.



For more information about the Maxi-Cosi Pria 85, please visit www.maxi-cosi.com

Child Passenger Safety Technician

January 6-9	Waycross
January 27-30	Riverdale
February 17-20	Garden City
March 3-6	Byron
March 17-20	Columbus

CEU Workshop for CPSTs

January 5	Webcast
January 15	Conyers
January 22	Macon
February 2	Webcast
February 5	Vidalia
February 12	Conyers
March 2	Webcast
March 12	Winder

GTIPI Training Dates**P.R.I.D.E. Instructor Certification**

January 13	Conyers
February 10	Conyers
February 26	Forsyth
March 10	Conyers
March 24	Jesup
March 26	Byron

P.R.I.D.E. Instructor Re-Certification

January 5	Webcast
February 2	Webcast
March 2	Webcast

The following courses will be offered in 2015:

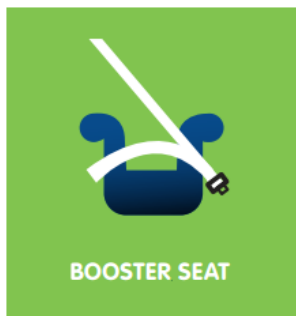
CPST Renewal

CPST Instructor Development

CarFit Technician & Event Coordinator

Register online at www.ridesafegeorgia.org

Are you spreading the word? Best Practice Saves Lives



NHTSA recommendations for using child restraints can be found at www.safercar.gov



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ridesafegeorgia.org



Need another copy of your CPST card? Go to cert.safekids.org and log in.

At the bottom of your profile page, click the link that states

"Click here for Your Wallet Card/Certificate."