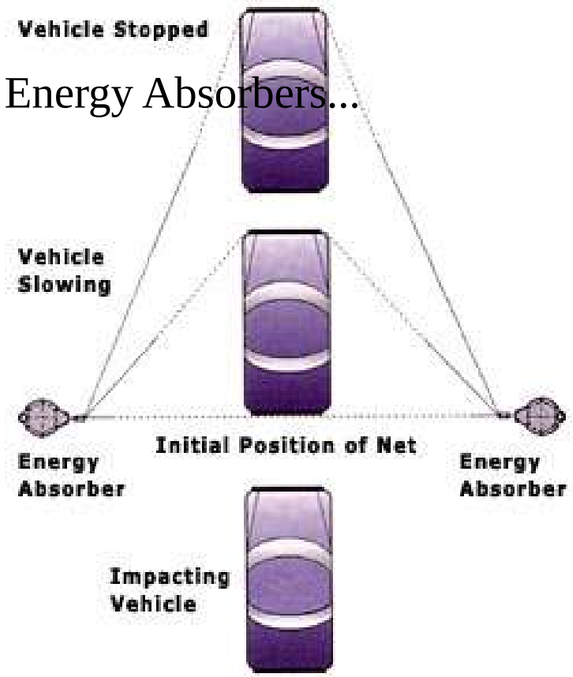
IMPACT ABSORPTION

Dragnet Vehicle Arresting Barriers

The Dragnet Truck Escape System is comprised of a series of nets set up along a truck escape ramp. The array of nets is arranged in such a manner so as to stop the vehicle in the distance allowed, while minimizing the deceleration forces. These nets, which are made of aircraft cable, can have one or two energy absorbers connected on each side. The energy absorbers, in turn, are mounted within the concrete walls of the truck escape ramp.

The variables involved with determining the stopping distance and "g" load response of a system are vehicle weight, vehicle speed, and net width. Dragnet Truck Escape Systems have been designed to stop a wide range of vehicles weighing up to and including 90,000 pounds and traveling up to 90 mph. A 1,800 pound vehicle impacting a 30-foot wide net at a speed of 62 mph will stop in approximately 39 feet with an average deceleration of of approximately 3.3 g's. A 4,500 pound vehicle impacting a 30-foot wide net at a speed of 62 mph will stop in approximately 83 feet with an average deceleration of approximately 1.6 g's.



Dragnet's energy absorbers use a patented "metal bender" principle for absorbing energy, which provides the means to stop vehicles of varying weights and speeds. The absorbers are primarily comprised of of a chamber, a length of metal tape, and a series of offset pins.

As the metal tape is pulled through the series of offset pins, the tape is bent back and forth beyond its yield point. The process of bending the metal beyond its yield point is the principal mechanism for absorbing the energy of impact.

The absorbers utilize few moving parts, making them virtually maintenance free. Following an arrestment, the system can be quickly returned to service by replacing the metal tapes with minimal time and effort.

Runaway Truck CatchNET System

US Highway 16 west of Buffalo, WY

	# of Trucks & RV's	Injuries	Fatals
Used CatchNET	6	0	0
By passed CatchNET and wrecked below	5	1	4

CatchNET when used 100% SUCCESFUL!

September 2012

Trucks that used the Runaway CatchNET
6 Trucks/RVS - No Injuries - Minimal Vehicle Damage

Aug 31, 2007
Used CatchNET
No Injuries - Minimal Damage
80,000 lbs - 40 MPH - Used 5 nets

Aug 27, 2008
Used CatchNET
No Injuries - Minimal Damage
42,000 lbs - 35 MPH - Used 3 nets

July 20, 2009
Used CatchNET
No Injuries - Minimal Damage
12,000 lbs - 65 mph - Used 3 net

Sept 4, 2009
Used CatchNET
No Injuries - Minimal Damage
70,000 lbs - 65 mph - Used 5 nets

Aug 26, 2010
Used CatchNET
No Injuries - Minimal Damage
15,000 lbs - 60 mph - Used 1 net

May 29, 2012
Used CatchNET
No Injuries - Minimal Damage
55,000 lbs - 70 mph - Used 7 nets

By passed CatchNET and wrecked below
5 Trucks - 1 Major Injury and 4 Fatalities

Sept 23, 2008
Wrecked MP 86
Fatal
Hauling bags of
Bentonite Powder

April 4, 2011
Wrecked MP 86
Major Injury
Hauling bags of
Bentonite Powder

April 1, 2012
Wrecked MP 86
Fatal
Hauling bags of
Powdered Sugar

Sept 4, 2012
Wrecked MP 86
Two Fatals
Hauling bags of
Bentonite Gravel