

# **EXHIBIT 15**

## Activity at the time of Attack

Citizen complaint:

Investigation Enforcement:

Arrest Situation:

Pursuit:

Miscellaneous:

Administrative assignment:

Other::

# Call for Service

Officer ID:

- Animal bite
- Animal disturbance (barking dog, unleashed dog, etc.)
- Verbal complaints of non-criminal violations
- Check on welfare of citizen
- Drug complaint
- Business check
- Traffic complaint
- Assault
- RobberyCIP
- BurglaryCIP
- Larceny-theft
- Motor vehicle theft
- Person with firearm (no shots fired)
- Shooting/shots fired
- Tampering with vehicle
- Other crime against person
- Other crime against property
- Homicide
- Civil Disorder (Riot, etc.)
- Disturbance call (disorderly, fights, etc.)
- Domestic disturbance (family quarrel, no assault)
- Domestic Violence
- Investigative Activity
- Investigate suspicious persons or circumstances
- Investigate possible DUI (motorvehicle)
- Investigate possible DUI (operating a vehicle)
- Traffic violation stop
- Investigating traffic collision
- Wanted person
- Handling persons w/mental illness
- Tactical situation
- Undercover situation
- Drug-related matter (buy, bust, etc.)
- Verbal advisement Only
- Attempting to restrain, control or handcuff
- Vehicle
- Foot
- Ambush
- Unprovoked Attack
- Encounter with emotionally disturbed person
- Traffic control
- Assist motorist

## Prisoner Transport

- Prisoner transport
- Other administrative assignment
- Other Administrative (specify):

PrisnrXportinLup:

Prisone transported in Other:

Was transporting vehicle equipped with prisoner partition?:

Prisoner searched by Officer:

Was stop video taped?

## Body Armor in Use

1. Was officer required to wear a protective body armor at the time of incident?: Yes

2. Was officer wearing protective body armor at time of incident?: Yes

2a. What was indicated as possible reason why officer was not wearing protective body armor?:

If other, specify::

2b. What was the classification of body armor?: Unknown

Special type (specify):

2c. Did protective body armor prevent any rounds (or cutting instrument) from entering officer's body?: No

How did round(s) (or cutting instrument) circumvent protective body armor?: Entered above vest

How many rounds circumvented protective body armor?: 1

Not applicable

Did officer receive "blunt force" trauma injuries?: No

Wearing Uniform: Yes If Yes, Type: Utility

If Other, Specify:

Were there obvious markings on uniform that would have indicated officer as law enforcement?: Yes

Indicate primary color of uniform:: Blue

Did officer identify him/herself as law enforcement officer?: Unknown

Was other identification evident?: Yes If Yes: Badge displayed

Other, specify::

## Circumstances Surrounding Incident

Death or injury occurred while: Conducting self-initiated activity

Type of Assignment: One-officer patrol

If Special assignment: Specify::

If Other, Specify::

Officer's mode of transportation: Car/Truck/SUV

If Other, Specify::

Did officer contact dispatch at any point during the incident?: No

Approximately how much time elapsed from initial contact between officer and offender until the actual attack?:

Sudden/Blitz

Death or injury occurred while: Conducting self-initiated activity

Type of Assignment: One-officer patrol

If Special assignment: Specify::

If Other, Specify::

Officer's mode of transportation: Car/Truck/SUV

If Other, Specify::

Did officer contact dispatch at any point during the incident?: No

Approximately how much time elapsed from initial contact between officer and offender until the actual attack?:

Unknown

# Circumstances Encountered

## Citizen's Complaint:

- Animal bite     Animal disturbance (barking dog, unleashed dog, etc.)    Verbal complaints of non-criminal violations  
 Check on welfare of citizen     Drug complaint     Business check    Traffic complaint

## Respond to Crime In Progress

- Assault     Robbery CIP     Burglary CIP     Larceny-theft    Motor vehicle theft  
 Person with firearm (no shots fired)     Shooting/shots fired    Tampering with vehicle  
 Other crime against person     Other crime against property

## Respond to Report of Crime

- Homicide     Assault     Robbery     Burglary     Larceny-theft     Motor vehicle theft ROP  
 Person with firearm (no shots fired)     Shooting/shots fired     Tampering with vehicle\_CIP  
 Other crime against person     Other crime against property

## Assist other law enforcement officer in:

- Officer down (requiring emergency assistance)     Officer requires emergency assistance (not pursuit)  
 Vehicular pursuit     Foot pursuit     Other emergency circumstances  
 Providing/deploying equipment (cones, flasres, etc.)     Other non-emergency circumstances

## Respond to Alarm

- Burglary     Robbery

## Disorder/Disturbance

- Civil Disorder (Riot, etc.)     Disturbance call (disorderly, fights, etc.)     Domestic disturbance (family quarrel, no assault)

## Investigation/Enforcement

- Investigative Activity     Investigate suspicious persons or circumstances    Investigate possible DUI (motorvehicle)  
 Investigate possible DUI (operating a vehicle)     Traffic violation stop    Investigating traffic collision  
 Wanted person     Handling persons w/mental illness     Tactical situation    Undercover situation  
 Drug-related matter (buy, bust, etc.)

## Arrest Situation

- Verbal advisement Only     Attempting to restrain, control or handcuff

Pursuit:     Vehicle     Foot

- Ambush     Unprovoked Attack     Encounter with emotionally disturbed person     Traffic control

- Assist motorist

## Administrative    Prisoner transport    Other administrative assignment

Other Administrative (specify)::

# Crash Ped Struck 2

## Lights Used

- Strobe Lights  Interior  Exterior  Not affixed  Other Other (specify):  
Halogen Lights  Interior  Exterior  Not affixed  Other Other (specify):  
LED Lights  Interior  Exterior  Not affixed  Other Other (specify):  
Other Lighting  Interior  Exterior  Not affixed  Other Other (specify):

## Restraints

- Officer Use Restraint: If Yes, Equip Used:  
If other, specify: Indicate reason:  
Ejected Officer: Officer Vehicle Preceding:  
If other, specify: Officer Impact:  
If other, specify::

## First Harmful Event

- Overturn/rollover  Fire/explosion  Immersion  Cargo/equipment loss or shift  
 Fell/jumped from motor vehicle  Thrown or falling object  Other: non-collision  
If other, specify::  
 Pedestrian  Railway vehicle (train)  Animal  Motor vehicle in transport  Other vehicle in transport  
 Parked motor vehicle  Other non-fixed object If other non-fixed, specify::  
 Attenuator/crash cushion  Bridge rail  Culvert  Ditch  Embankment  Guardrail  
 Concrete traffic barrier  Other traffic barrier  
If other barrier, specify::  
 Tree  Utility pole/light support  Fence  Other fixed object (wall, building, etc.)  
If other fixed, specify::

## Second Harmful Event

- Overturn/rollover  Fire/explosion  Immersion  Cargo/equipment loss or shift  Fell/jumped from motor vehicle  
 Thrown or falling object  Other: non-collision  
If other, specify::  
 Pedestrian  Railway vehicle (train)  Animal  Motor vehicle in transport  Other vehicle in transport  
 Parked motor vehicle  Other non-fixed object  
If other non-fixed, specify:: Attenuator/crash cushion  Bridge rail  Culvert  
 Ditch  Embankment  Guardrail  Concrete traffic barrier  Other traffic barrier  
If other barrier, specify:: Tree  Utility pole/light support  Fence  
 Other fixed object (wall, building, etc.)  
If other fixed, specify::  Not applicable

## Third Harmful Event

- Overturn/rollover  Fire/explosion  Immersion  Cargo/equipment loss or shift  
 Fell/jumped from motor vehicle  Thrown or falling object  Other fixed object (wall, building, etc.)  
If other, specify::  
 Pedestrian  Railway vehicle (train)  Animal  Motor vehicle in transport  Other vehicle in transport  
 Parked motor vehicle  Other non-fixed object

## Crash Ped Struck 2

If other non-fixed, specify::

Attenuator/crash cushion    Bridge rail    Culvert    Ditch    Embankment    Guardrail

Concrete traffic barrier    Other traffic barrier

If other barrier, specify::

Tree    Utility pole/light support    Fence    Other: non-collision

If other fixed, specify::

Not applicable



# Crash Ped Struck

Activity at Incident:

If other, explain::

Type of Roadway:

Roadway Alignment:

Roadway grade:

Roadway Surface:

If other, explain:

Roadway Surface Condition:

If other, explain::

Officer's vehicle:

Other vehicle(s): Unknown

Civilian(s) Killed: 0

Officer(s) Killed: 0 Unknown

Civilians Injured: 0

Officers Injured: 0 Unknown

Officer was:

Officers Vehicle

Year:

Make:

Model:

VIN:

Officer Role:

Officer's vehicle emergency equipment used at the time of the incident: Unknown

## Description of Firearm

Description of Firearm Handgun

Make: Taurus

Model 66

Cartridge type and caliber: .357

Barrel length: 4

Type of Firearm: Revolver

Was offender's weapon altered from its manufactured state?: Unknown

If killed, select weapon that caused fatal injury:: Taurus

## Additional Firearm

Description of Firearm:

Make:

Model:

## **Drowning**

**Activity of officer at time of incident:**

**If other, specify::**

**Did officer receive training in proper use of safety equipment?:**

**Was officer certified to perform water operations?:**

**Was officer in compliance with Department policy regarding proper use of safety equipment?:**

**EquipInPossessionLup:**

**If other, specify::**

**Report prepared by::**

**Preparer's ID::**

# Electronic Communications

Electronic communications device being used by driver(s) during collision

OFFICER  Police radio  Cell phone  PDA  DVD Player  Mobile computer  Digital recording device  
 License plate reader  IPOD  Other Other, specify:  None

OFFENDER  Cell phone  PDA  DVD Player  Mobile computer  Digital recording device  
 IPOD  Other Other, specify:  
 None  No other vehicle involved  No improper driving  Exceeding speed limit

Estimated minimum speed: 0  Exceeding safe speed limit  
 Estimated minimum safe speed: 0  Improper lane change  Following too closely  
 Deisregarded traffic control  Did not have right of way  Failure to maintain control  
 Driving under minimum speed limit  No signal or improper signal  Turning improperly  Passing improperly  
 Improperly parking  Improperly backing  Driving left of center  Avoiding animal, vehicle or object  
 Using electronic communications device  Distracted inside vehicle  Walking violation  
 Under influence of alcohol

BAC, if known; indicate if refused:  Under influence of prescription drugs  
 Name of prescription drug:  Under the influence of illegal drug  
 Name of illegal drug:  Pedestrian under the influence  
 Equipment failure  Impaired visibility  Driver fatigued  Driver sleepy/dozing  Driver ill  
 Other, specify:

Specify:  Unknown  No other vehicle involved  No improper driving  
 Exceeding speed limit Estimated minimum speed: 0  
 Exceeding safe speed limit  
 Estimated minimum safe speed: 0  Improper lane change  Following too closely  
 Deisregarded traffic control  Did not have right of way  Failure to maintain control  
 Driving under minimum speed limit  No signal or improper signal  Turning improperly  
 Passing improperly  Improperly parking  Improperly backing  Driving left of center  
 Avoiding animal, vehicle or object  Using electronic communications device  Distracted inside vehicle  
 Walking violation  Under influence of alcohol  
 BAC, if known; indicate if refused:  
 Under influence of prescription drugs  
 Name of prescription drug:  Under the influence of illegal drug  
 Name of illegal drug:  Pedestrian under the influence  
 Equipment failure  Impaired visibility  Driver fatigued  Driver sleepy/dozing  
 Driver ill  Other, specify: Specify:  Unknown

Primary Factor Leading:

## Environmental Factors

Weather conditions at the time of incident: Clear

Other (specify):

Lighting conditions at time of incident: Daylight

Would lighting be considered poor or dim?: No

Were take down lights utilized?: No

Cover Available: No

If yes, type used:

If yes, description:

Cover used by offender: No

If yes, explain:

Distance between officer and offender : less than 1 foot      Unknown

# Fall

Activity At Time of Incident:

If other, specify::

Officer Fell From:

If other, specify::

Did officer receive training in proper use of safety equipment?:

Was officer certified to perform operations at height?:

Was officer in compliance with agangy's policies regarding proper use of safety equipment?:

Fall protection/harness

Helmet

Other

None

if other, specify::

## Firearm Related

Officer Activity: Patrolling

Activity of victim officer at time of incident:

- Front head    Rear head    Side of head    Neck or throat    Front upper torso/chest  
 Rear upper torso/chest    Front lower torso/stomach    Rear lower torso/back    Front, below waist/groin  
 Rear below waist/buttocks    Arms/hands    Front legs/feet    Rear legs

Indicate ONE wound location selected above as fatal injury: Single shot to the h

Type of Firearm that caused Death: Handgun

Make: Taurus

Model: 66

Caliber: .357

Barrel (inches): 4

Type: Revolver

Ammo: Live rounds

Description of Circumstances:

If other, specify::

If other accidental discharge, specify::

If other, specify::

Display of Gun:

If Yes, Disarm:

Officer As LEL:

Was ID Evident:

Description of ID:

If other, specify::

Training Shot:

## Firearm Use

When did officer use or attempt to use his/her firearm(s) during the incident?: Unknown

Did the officer experience difficulty in retrieving his/her firearm(s) during the incident?: Unknown

Specific reason for malfunction:

Specific Reason, OtherSpecify:

Specific reason backup malfunctioned:

Specific reason, Other Specify:

Specific Additional Weapon:

Specific Additional Weapon, Specify:

Did officer's firearm malfunction during use or attempted use?: Unknown

Malfunction of service weapon:

Other, specify::

Did malfunction occur after initial round was fired?

Reason for malfunction of backup weapon:

Reason for malfunction of back up weapon, Other:

Did malfunction of backup occur after initial round was fired?

Did malfunction of additional weapon occur after initial round was fired?

If other, specify::

Did officer fire their weapon during the incident? No

If Yes, when did officer shoot?

Did round(s) hit offender(s)?

If yes, number of rounds::

If suspect was hit, were the rounds effective?

If other, specify::

Did officer carry extra ammunition on his/her person during incident?:

Did officer reload?

Type of reloading device?:

If other, specify::

If officer used any other weapons during the incident, what was the effect:

If other, specify::

If assisted at scene, did other officer(s) fire at offender?

Indicate number of rounds fired::

Did rounds hit offender?

If yes, number of round(s) hitting offender::



# Incident Collision

Incident Collision:

1184 at Location:

Other signs, specify::

Other traffic control, specify::

Traffic Control Sign:

Speed at Collision:

Speed:

Airbag:

Front  Side  Curtain  No  NotEquipped  Equiped, did not deploy  Unknown

Did Officer attempt to Avoid Collision?

If other, specify::

Other Vehicle:

Specify::

Was another patrol vehicle involved?

## Incident Data

---

Type of Incident

Date of Death

Time of Death

Case Number

Date of Incident

Time of Incident

Hours on-duty prior to attack/incident? 0

City of Attack/Incident

County of Attack/Incident

Location of Initial Contact

Location of Contact

Location of Officer's Killing/Assault

Location of Officer Killing/Incident

Description of Location Outside of Structure

**Type of Incident** Felonious Killing,Accidental Death  
**Date of Death** 11/17/2005  
**Time of Death** 14:37  
**Case Number** 055141  
**Date of Incident** 11/17/2005  
**Time of Incident** 14:37  
**Hours on-duty prior to attack/incident?** 6  
**City of Attack/Incident** Unincorporated  
**County of Attack/Incident** Yolo  
**Location of Initial Contact** Public Highway/Road/Alley/Sid  
**Location of Contact**  
**Location of Officer's Killing/Assault** Public Highway/Road/Alley/Sidewalk  
**Location of Officer Killing/Incident**  
**Description of Location** Outside of Structure

## Location of Victim Officer

Seated in victim officers vehicle:

Approaching suspect vehicle:

Standing in vicinity of suspect vehicle: Front driver's side

Standing in vicinity of victim officer's vehicle:

Other:

## Officer Data

Officer's Name: Stevens, Andrew Todd

Officer's Rank    Officer    Officer's ID Number    13739    Officer's Date of Birth    2/25/1968

74    Officer's Height    Officer's Sex    Male    Officer's Race

Officer's Total Law Enforcement  
Experience (yrs./mos.)    13/00

Number of months since officer's last firearms training    4

Number of months since officer's last street survival training    0

Number of months since officer's last drivers training    11

How many hours did the officer work in a law enforcement capacity?    0

In the 48 hours immediately preceding the incident, how many hours did the officer  
work in a non law enforcement capacity?    0

Officer's Name:

Officer's Rank    Officer's ID Number    Officer's Date of Birth

Officer's Height    Officer's Sex    Officer's Race

Officer's Total Law Enforcement  
Experience (yrs./mos.)

Number of months since officer's last firearms training

Number of months since officer's last street survival training

Number of months since officer's last drivers training    3

How many hours did the officer work in a law enforcement capacity?

In the 48 hours immediately preceding the incident, how many hours did the officer  
work in a non law enforcement capacity?    0

## Offender's Data

Number of individuals determined by law enforcement investigation to have participated in or aided and abetted the killing/assault of the officer?: 1

Check, if unknown:

Is the offender known?

Offenders Date of Birth: 8/13/1985

Offenders Sex: Male

Offender's Race: White

Offender's current status: In custody

Offender's date of arrest: 11/18/2005

Charges placed against offender: 187 PC

Date of Death:

Mode of death:

If other, specify::

SuicidebyCopLup:

City of death:

County of death:

State of death:

Country of death:

OffenCuffedLup: No

DeviceTypeLup:

If other, specify::

ManipulateDeviceLuNo

IfYesManilpulateLup

If other, specify::

JudicialSupervisionLup: Parole

If other, specify::

Was offender known to your department at the time of incident?: No

Controlled substance user  Controlled substance dealer  Controlled substance possessor

Known or suspected terrorist (Domestic or International)  Known or suspected gang member

If other, specify::

Alcohol (indicate BAC, if known)  Crack/Cocaine  Cocaine (all forms except Crack)  Hashish

Heroin  Marijuana  Morphine  Opium  OtherNarcotics

LSD  PCP  OtherHalluc  Amphetamines/Methamphetamines  Other stimulants

Barbiturates  Other depressants  Other dangerous drug/substances  None  Unknown

If other, specify::

Blood Alcohol Content::

Prior relationship through law enforcement (arrest, investigation, etc.)

Non-law enforcement relationship (neighbor, acquaintance, relative, etc.)  No known relationship  Murder

Assault  Resisting  Other crime of violence  Weapons violation  Drug law violation

Other  None  Unknown

OffenKnownMentalLup: No

## **Prisoner Transport**

**Prisoner was being transported in:**

**If other, specify:**

**Was transport vehicle equipped with prisoner partition?:**

**Was prisoner searched by transporting officer prior to being put in vehicle?:**

**Was traffic stop video taped?:**

## **Prisoner Transport**

Prisoner was being transported in::

If other, specify

Was transport vehicle equipped with prisoner partition?:

Was prisoner searched by transporting officer prior to being put in vehicle?

Was traffic stop video taped?:



## Suspects Location

Offenders name (First, Middle, Last): Volarich, Brendt

Seated in: Suspect vehicle

Standing out in vicinity of suspects vehicle:

Standing outside in vicinity of officers vehicle:

Standing in vicinity of suspects vehicle:

Standing in vicinity of officers vehicle:

Unrestricted movement outside of:

Prone:

Unknown

Other, specify::

## Type of Accident

Select the option that best describes the accidental death:

OtherAccidental:

Reason for Involvement:

If other, explain::

Other Officer Involved:

## Firearm Related

Officers Activity: Patrolling

Activity of victim officer at time of incident:

**Area of Injury**     Front head     Rear head     Side of head     Neck or throat     Front upper torso/chest  
 Rear upper torso/chest     Front lower torso/stomach     Rear lower torso/back  
 Front, below waist/groin     Rear below waist/buttocks    Arms/hands     Front legs/feet  
 Rear legs

Indicate ONE wound location selected above as fatal injury: Single shot to the h

Type of Firearm causing Death: Handgun

Make: Taurus                      Model: 66                      Caliber: .357

Barrel (inches): 4

Type: Revolver

Ammo: Live rounds

If other, specify::

Description of Circumstances:

If other accidental discharge, specify::

If other, specify::

Display of Gun:

If Yes, Attempt to Disarm:

Officer As LE:

Was ID Evident:

Description of ID:

If other, specify::

Training Shot:

## Type of Holster Used

Was officer wearing a holster?: Yes

Type of Holster: Sidedraw                      If Other, specify::

Specify retention level classification (1,2,3 etc):

Type of Backup Holster: Did not have backup firearm                      If Other, specify::

Specify retention level classification (1,2,3, etc.):

Description: Handgun                      Make: Smith & Wesson                      Model: 4006                      Type of ammunition:

                    Caliber: .40                      Barrel length (in inches): 4

Type of mechanical function: Semi-automatic                      Location of weapon at attack: On person

If Other, specify:

If on person, was weapon: Holstered

Description: Handgun                      Make:                      Model:                      Type of ammunition:

Caliber:                      Barrel length (in inches):                      Type of mechanical function:

Location of weapon at attack:                      If Other, specify:

If on person, was weapon:                      Description:

Make:                      Model:                      Type of ammunition:

Caliber:                      Barrel length (in inches):                      Type of mechanical function:

Location of weapon at attack:                      If Other, specify:

If on person, was weapon:

## Violation Charged

- Vehicular Homicide       Vehicular Manslaughter       Attempt to elude officer  
 Under the influence of alcohol/drugs       Speeding  
 Reckless driving       Failure to yield       Driving w/suspended, revoked or no license  
 Driving with improper license       Other moving violation, specify: \_\_\_\_\_ If other, specify::  
 Non moving violation      If other, specify::  
 Unknown       None       Vehicular Homicide       Vehicular Manslaughter       Attempt to elude officer  
 Under the influence of alcohol/drugs       Speeding       Reckless driving  
 Failure to yield       Driving w/suspended, revoked or no license       Driving with improper license  
 Other moving violation, specify: \_\_\_\_\_ If other, specify::  
     If other, specify::  
      Unknown       None       Non moving violation

Approaching motorist vehicle on::

Standing in vicinity of motorist vehicle::

Standing in vicinity of officer's vehicle:

Location of Officer:      If other, specify::

Did officer position their vehicle in compliance with agency guidelines?:

Warning Signals:      If Yes:      If other, specify::

Exceeding speed limit      Estimated minimum       Exceeding safe speed

Estimated minimum speed:

- Changing lanes improperly       Disregarding traffic control       Failure to maintain control  
 Turning improperly       Passing improperly       Parking improperly       Backing improperly  
 Driving left of center       Avoiding animal, vehicle or object       Using electronic communications device  
 Distraction inside vehicle       Under influence of alcohol

BAC if known::       Under influence of prescription drug

Indicate type::       Under influence of illegal drug

Indicate type::       Equipment failure       Impaired visibility       Driver fatigued

Driver sleepy/dozing       Driver Ill       Other      If other, specify::

Unknown

## Weapon used by Officer

Service weapon (firearm)     Backup firearm     Additional firearm     BatonUsed     KnifeUsed

Length of blade in inches::

Other cutting instrument, specify::

Bean bag gun     Conductive Energy Weapon     Chemical spray (Mace, pepper spray, etc.)

Other weapon    If other, specify::

None

## Weapons used/carried by offender

Did the officer have prior knowledge that a weapon might be involved?: No

Service weapon (firearm), taken from officer     Backup firearm     Additional firearm     Baton

Knife    If knife, blade length in inches::     Other cutting instrument

If other, specify:

Bean bag gun     Conductive Energy Weapon (Taser)     Chemical spray     Other

If other, specify::

None

Service weapon (firearm)

Backup firearm     Additional firearm     Baton     Knife    If knife, blade length in inches::

Other cutting instrument    If other, specify::

Bean bag gun     Conductive Energy Weapon (Taser)     Chemical spray     Other

If other, specify::

None

# **EXHIBIT 16**





# National Fire Fighter Year - Wise Reporting System

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The National Fire Fighter Near-Miss Reporting System is a voluntary, confidential, non-punitive and secure reporting system with the goal of improving fire fighter safety.

Submitted reports will be reviewed by fire service professionals. Identifying descriptions are removed to protect your identity. The report is then posted on this web site for other fire fighters to use as a learning tool.



Photos by Jaşon R. Henske/Fyrfoto.com

Check out the 2009 September Calendar Module on Operational Readiness on the resources page under 2009 Near-Miss Calendar or click on our featured resources on our homepage. This interactive PowerPoint was created by Program Advisor Greg Lindsay and can be used along with the case study and photo provided in the official calendar.

Many of our files are PDFs and require Adobe Acrobat reader.



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Our job is to save lives & property. It's also our job to help fellow firefighters & this is one of the best ways to do that.

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ROTW 090309: Everybody was out, right? (09-824)

ROTW 082709: That funny feeling in my back (09-617)

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Report 09-433: Coupling disengages during hose testing

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[www.iaff.org](http://www.iaff.org)



[www.iafc.org](http://www.iafc.org)



[www.firegrantsupport.com/fps](http://www.firegrantsupport.com/fps)

### Near-Miss Advisory Board Members

### Other Near Miss Partners

This project is funded by grants from the Assistance to Firefighters Grant Program of the U.S. Department of Homeland Security (DHS). The program was generously begun with grants from DHS and Fireman's Fund Insurance Company. The project is supported by [FirefighterCloseCalls.com](http://FirefighterCloseCalls.com) in mutual dedication to firefighter safety and survival.



A company of Allianz

In conjunction with ROTW 09-824, what method does your department use to ensure personnel are out of the building before master streams are opened up?

- Radio call to interior crews announcing intent.
- Radio call followed by accountability check.
- Alert tone, radio call, and accountability check.
- No set procedure.

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[September Module: Operational Readiness PowerPoint](#)

[August Module: Volatile EMS Situations PowerPoint](#)

[More Resources](#)

[Fire Rescue International \(Booth# 5431\)](#)

August 27-29, 2009  
Dallas, TX

[CA Fire Chiefs](#)

September 28, 2009  
Riverside, CA

[Pittsburgh Fire Expo \(Booth# 723\)](#)

October 2-4, 2009  
Pittsburgh, PA

Near-Miss Reporting System Partners with TargetSafety to Reduce Firefighter Injuries and Fatalities through Training and Awareness

Near Miss Hits New Milestone

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# **EXHIBIT 16A**



# National Fire Fighter Near-Miss Reporting System

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## 2009 Near-Miss Award

Near Miss Safety Leadership Award  
Award Brochure

## 2009 Near-Miss Calendar

2009 Near-Miss Calendar  
September Module: Operational Readiness PowerPoint

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## 2009 Safety Health and Survival Week

Discussion Questions for SHS Week Grouped Reports  
2009 Safety Health & Survival Week Article

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## Annual Reports

2008 Annual Report  
2007 Annual Report

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## Anthology

2007 Anthology

## Crew Resource Management

Crew Resource Management Manual  
CRM PowerPoint Presentation

## Endorsements

Department Endorsement Letter Template  
FD SOA Endorsement Letter

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## Equipment Information

Equipment PowerPoint  
Equipment Reports: Interspiro Medium Pressure Hose  
Service Bulletin

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## Featured Reports

Report 09-433: Coupling disengages during hose testing

## HFACS

HFACS: Human Factors Analysis Classification System  
power point  
HFACS: Analysis Worksheet

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## Investigation Reports

Investigation Reports: Hostile Patient with a Weapon  
Investigation Report: Firefighter Mayday

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## Near-Miss Trainers

Trainers FEMA Regions  
Request a Near-Miss Trainer

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## Presentations

Case Studies-60 minute presentation  
Fire Fighter Fatalities Presentation

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## Reports for Training

Grouped Reports: LDH Incidents  
Grouped Reports: Strut Related

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## Report of the Week Archives

ROTW Binder Cover  
ROTW Spine Label

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## Sample Policies & Training Tools

SOG-Defensive Techniques for Firefighters  
Violent Times: Protecting Your Workforce Against Violence

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## State Training Resources

Index: Navigating the State Training Resources Section  
Part 1-A: Administrative: Attendance Sheet

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## Videos and Photos

Gas Explosion Video  
Report #08-295 Photos

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**EXHIBIT 16B**



## Videos and Photos

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File Title	File Size (Kb)	File Description
<a href="#">Gas Explosion Video</a>		
<a href="#">Report #08-295 Photos</a>	397	Power point presentation of photos related to Near-Miss Report 08-295.
<a href="#">Report #08-285 Photos</a>	438	Powerpoint photos described in Report #08-285. Photos may be copied from power point slide for use in other presentations.
<a href="#">Open House Fire Video</a>		
<a href="#">Report #08-339 Photos</a>	359	5 slide photo presentation that is referenced in Report #08-339.
<a href="#">Report #07-1081 Photos</a>	315	Two photo series related to Report #07-1081, Extrication glove pinched between tool and vehicle.
<a href="#">Report #07-777 Photos</a>	149	1 slide of damage to SCBA. Coincides with Report #07-777. See Equipment Reports for service bulletin issued by Interspiro.
<a href="#">Report #06-248</a>	706KB	Three photo set showing damage sustained by engine room door after runaway rotary power saw blade lodged in bottom panel.
<a href="#">Report # 08-148 Photos</a>	438 KB	4 photo Powerpoint of vehicle damage described in Report #08-148. Photos may be copied from power point slide for use in other presentations.
<a href="#">Report #09-140</a>	615KB	Three photo set showing the travel distance and damage of a rotary saw blade inflicted after it spun off of its hub
<a href="#">Report #08-356 Photos</a>	284	Photos related to Near-Miss Report #08-356. Hydrant connection blew off barrel when hydrant was opened.
<a href="#">Report #08-509 Photos</a>	583	Photos related to Near-Miss Report 08-509, aprpratus collision with civilian vehicle. Reinforces value of using seat belts.
<a href="#">Report #08-610 photos</a>	302	Photos related to exploded struts described in Report #08-610.
<a href="#">Report #08-533 Photos</a>	389	Photos from ruptured housing described in #08-533. Near-Miss Staff contacted TNT Rescue Systems, manufacturer of the tool cited in #08-533. See Equipment Reports Section for additional information from TNT Engineer Tim Blanton.
<a href="#">Report #09-017: Crushed Pumper Cab</a>	166	Photograph of cab described in Report #09-017.
<a href="#">08-667 PPV Blower Failure</a>	249	Photos of PPV Blower failure related to report #08-667.

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**EXHIBIT 16C**



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## Report of the Week

Watch where you put those hands  
4/30/09

**Report Number: 09-425**

Report Date: 04/16/2009 0943

### Synopsis

FF grabs wrong part of stretcher.

### Demographics

Department type: Paid Municipal

Job or rank: Fire Fighter

Department shift: 24 hours on - 48 hours off

Age: 25 - 33

Years of fire service experience: 0 - 3

Region: FEMA Region V

Service Area: Suburban

### Event Information

Event type: Non-fire emergency event: auto extrication, technical rescue, emergency medical call, service calls, etc.

Event date and time: 04/14/2009 0247

Hours into the shift:

Event participation: Involved in the event

Weather at time of event: Clear and Dry

Do you think this will happen again?

What were the contributing factors?

What do you believe is the loss potential?

### Event Description

We were called for an MVA with possible injuries. Our patient was C-collared and back-boarded. When the patient was to be lifted from the ground position, I grabbed the wrong part of stretcher. I grabbed the head raise/lower portion when I should have grabbed onto the correct part of stretcher. The patient was then moved to the ambulance and loaded for transport.

### Lessons Learned

I learned that I need to be more aware of the task at hand. Simple tasks such as lifting a patient should not be overlooked. I believe I need more practice with the stretcher. I will try and make it a point to become knowledgeable of the stretcher's operating mechanism.

### Discussion Questions

Report 09-425 occurs during one of the hundreds of thousands of incidents most EMS crews handle daily. Seemingly harmless in nature, the submitter of this report illustrates the basis for near-miss reporting. One proven method for reducing injuries is to study those benign incidents where an injury producing action was recognized but no injury resulted. Such incidents reveal much about: man vs. machine interfaces, attention to details, actions under stress and muscle

memory instruction. Once you have read the entire account of 09-425 and the related reports, consider the following:

1. How familiar are you with the operating features of the stretchers used in your fire/EMS system?
2. Are your EMS system's stretchers periodically inspected and serviced?
3. What are the repercussions of improper hand placement on a stretcher?
4. When did you last participate in a review of loads, lifts and carries?
5. If your EMS system is third service, how often do you drill with those crews?

**Related Reports**

05-303

06-338

07-797

08-025

*Note: The questions posed by the reviewers are designed to generate discussion and thought in the name of promoting firefighter safety. They are not intended to pass judgment on the actions and performance of individuals in the reports.*





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## Report of the Week

Black ice gives no warning  
1/15/09

**Report Number: 08-139**

Report Date: 03/11/2008 1148

### Synopsis

Crew ditches engine in icy conditions

### Demographics

Department type: Combination, Mostly paid

Job or rank: Captain

Department shift: 24 hours on - 48 hours off

Age: 43 - 51

Years of fire service experience: 17 - 20

Region: FEMA Region V

Service Area: Suburban

### Event Information

Event type: Vehicle event: responding to, returning from, routine driving, etc.

Event date and time: 02/23/2008 0230

Hours into the shift:

Event participation: Involved in the event

Weather at time of event: Cloudy and Dry

Do you think this will happen again?

What do you believe caused the event?

- Weather
- Communication

What do you believe is the loss potential?

- Property damage
- Minor injury
- Life threatening injury
- Lost time injury

### Event Description

Our engine was dispatched as a first responder to a vehicle accident involving a pickup truck and a utility pole. There had been numerous incidents earlier in the evening for vehicle accidents involving icy roadways but the road surfaces now appeared to be dry and salt covered. As we responded, I asked the driver how the road conditions were and he said that they were fine. In fact, the roads actually looked dry although white from salt that had been applied much earlier. As we traveled over a bridge, I once again asked the driver about the road surface over the bridge and he once again said that they were fine. Receiving a dispatch for a traffic accident at 0230 on a Friday night made me think that this was just another DUI driver that had not made it home. As we turned onto the road where the incident was, we observed a police cruiser that had stopped at the top of the hill. It was assumed that the cruiser was awaiting our entry into

the street to block the road behind us so we proceeded down the slight grade. After traveling about 200 yards, the driver began to brake for a 90 degree bend in the road and the truck began to slide. At that point, the road did not appear to be icy but we were definitely sliding and gaining speed. I instructed the driver to ease off of the brakes to regain steering so we could make the bend and when we rounded to corner, we began down an even steeper grade. The driver touched the brakes and the truck was once again sliding and gaining speed. In the road ahead of us was the original accident that wound up in the center of the roadway. There wasn't much time to react, but I decided to have the driver try and ditch the truck off of the left side of the road rather than impact the original scene. As our truck encountered the front yard, the front wheels sunk into the yard and the rear wheels continued down the slope and turned us around backwards into an embankment and a fire hydrant before shooting us back into the roadway straight at the pick up truck once more. We were out of options to ditch to the left and out of time so it was decided to try and run off the right side of the road into the tree line. I would estimate our speed at this point to be less than 10 MPH, but we were definitely sliding out of control. The impact with the trees was very abrupt but successfully stopped the event with just a few minor bumps. The crew was able to exit the vehicle and attend to the original accident victims as well as alert other responding units to avoid the hill. As it turns out, the pickup truck occupants had already left their vehicle and went to a nearby house for help.

### **Lessons Learned**

This was my own first personal experience with black ice. Conditions earlier in the evening were hazardous and this thought certainly was present with us as we began our response. At no time did we ever suspect that the roads were bad, as they appeared to be dry. Perhaps the best lesson learned here is that there should have been some communication between the police and fire units. The cruiser that was stopped on the scene had done so because they had encountered the slippery slope but did not communicate the information to the fire department. *It is imperative that first arriving units relay road conditions to the incoming units to prevent further incidents.* Another lesson that was learned in fact occurred from a previous accident within our department that involved similar conditions. In that incident, another truck had left the roadway and ran into a yard, which prevented what could have been serious injuries to both firefighters and civilians. Having knowledge of that incident likely assisted me with the decision to ditch the truck during our own event. We truly are a profession that learns from others mistakes and or experiences.

### **Discussion Questions**

Twenty tons of apparatus suddenly going into a slide is one feat apparatus drivers prefer not to experience. One second you are proceeding northbound in the northbound lane and the next you are facing west, but still proceeding north. Preparation in the form of knowing your area (topography, geography, weather) is one key to avoid the situation. Staying in tune with the situation is another key. Remember that during this period of weather, subtle changes in temperature, humidity and wind wreak havoc with the road conditions. All road surfaces should be suspect and other information should be considered clues to the situation (responses to multiple collisions, deteriorating weather, local traffic reports). Once you have reviewed the entire content of #08-139 and the related reports, consider the following:

1. Have you ever driven into an "unexpected" road condition that caused you to lose control of the apparatus? What did you do to compensate/correct?
2. What steps do you take (driver and officer) to prepare for changes in weather/road conditions that occur during the winter months?
3. When did you last drive in a period of inclement weather?
4. If you have not driven on icy roads, do you know someone who has that you can seek out for advice and instruction?
5. Does your driver training program, either initial or recertification, include a practical skills session on an approved skid pad?

**Related Reports**

05-582

06-588

07-933

08-148 (Photos on

Resources Page)

***Note: The questions posed by the reviewers are designed to generate discussion and thought in the name of promoting firefighter safety. They are not intended to pass judgment on the actions and performance of individuals in the reports.***



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## Report of the Week

Where is everybody?

8/1/08

**Report Number: 08-104**

Report Date: 02/21/2008 2058

### Demographics

Department type: Volunteer

Job or rank: Deputy Chief

Department shift: Other

Age: 43 - 51

Years of fire service experience: 17 - 20

Region: FEMA Region I

Service Area: Suburban

### Event Information

Event type: Fire emergency event: structure fire, vehicle fire, wildland fire, etc.

Event date and time: 02/17/2008 1755

Hours into the shift:

Event participation: Witnessed event but not directly involved in the event

Do you think this will happen again?

What do you believe caused the event?

- Situational Awareness
- Accountability

What do you believe is the loss potential?

- Environmental

### Event Description

Our fire department was dispatched for a possible structure fire in a 1 story commercial brick building after a passerby reported fire visible inside the structure with light smoke showing. The building was occupied by both a restaurant and a drycleaner. The first fire personnel on scene was a deputy chief who arrived within 2 minutes of the initial alarm, assumed command, performed a size-up, and communicated a working fire from the drycleaner occupied part of the building. As a deputy chief and the department's safety officer, I arrived on scene, advised command I was the incident safety officer for the incident, and performed a 360 of the structure to identify any possible hazards. Upon my return to the alpha (A) side of the building, the truck company had forced entry to the structure with the engine company entering with a 1 1/2" line. There was a moderate smoke condition at the time. The fire was located and confined to a commercial dryer. The building was ventilated with PPV and checked for extension. This was the first fire that the department has had in quite some time. As I was checking I realized that our accountability procedures were not in place and that I had no reliable information on the number of firefighters in the structure. Not one accountability tag had been placed at the door. We have a two tag system where one tag remains on the rigs and one is left with an accountability officer at the door. Had the incident escalated into a major fire, the IC would have had limited information on the number of personnel inside of the structure. Also, as the building was being ventilated and checked for fire

Where is everybody?

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extension there was still a light smoke condition inside of the structure. I observed 50% of the firefighters had removed their SCBA masks and walking around inside of the building. I notified the OIC of the interior to have all firefighters go back on air which they did. The building was then metered and elevated CO was detected. I believe that the excitement of the fire quickly caused the firefighters to ignore or forget the department's mandated SOPs on accountability procedures and our current policy on the use of SCBA during salvage and overhaul procedures need to be evaluated.

### **Lessons Learned**

The lesson I learned was to make sure as the incident safety officer that if I was not able to tend to the tasks that I was responsible for that I should delegate those tasks to other personnel. While a 360 of the building is important, my biggest responsibility was for the accountability of the personnel entering the structure.

### **Discussion Questions**

There were an estimated 524,000 structure fires in the United States in 2006 (Source: USFA). This week's report describes a typical fire in an occupancy found in nearly every community in the United States. It is a simple one story commercial building; nothing fancy, few frills, very utilitarian. What sets this fire apart from its many relatives is the failure to follow written SOPs and half the firefighters operating in smoke conditions without SCBA. Or is this fire different at all? We typically know what we are supposed to do, have written direction in the form of SOPs and SOGs to follow, but frequently don't follow that correct path. The question becomes "why?" Once you have reviewed the complete report for 08-104, and considered the following questions, the answers may become clearer.

1. Does your department's accountability system effectively identify where personnel are in the building?
2. Is this accountability system compatible with surrounding jurisdictions?
3. If there is no department accountability system, what method do you use to keep track of your personnel?
4. Why is there such a rush to remove SCBA in "light smoke" environments?
5. What method/technology does your department use to determine the IDLH is "all clear" so SCBA can be removed?

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## **All Reports of the Week page**

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### May 2009

ROTW 051409: Do you smell gas? (09-063) - **05/14/2009**

ROTW 050709: Look out 5 floors below! (09-415) - **05/07/2009**

### April 2009

ROTW 043009: Watch where you put those hands (09-425) - **04/30/2009**

ROTW 042309: How come I didn't know that? (09-298) - **04/23/2009**

ROTW 041609: Wait too long to vent and you might not live (09-364) - **04/15/2009**

ROTW 040909: Thrown under the carpet (09-251) - **04/09/2009**

ROTW 040209: Training + Seat Belts = Survivors (09-265) - **04/02/2009**

### March 2009

ROTW 032609: Make a hole...coming through! (08-461) - **03/26/2009**

ROTW 031909: The gates are down for a reason (09-169) - **03/19/2009**

ROTW 031209: Keep your head on a swivel (08-582) - **03/12/2009**

ROTW 030509: And the walls come tumbling down (09-217) - **03/05/2009**

### February 2009

ROTW 022609: We're gonna need some more hands (09-008) - **02/26/2009**

ROTW 021909: ...as those saw blades go rolling along... (09-140) - **02/19/2009**

ROTW 021209: A good, swift kick in the door... (06-454) - **02/12/2009**

ROTW 020509: Beware of the winds of change (09-089) - **02/05/2009**

### January 2009

ROTW 012909: More than one reason to follow the SOPs (09-035) - **01/29/2009**

ROTW 012209: All motion is cyclic; make that scythe-like - **01/22/2009**

ROTW 011509: Black Ice gives no warning (08-139) - **01/15/2009**