

Safety Mishap Analysis & Retrieval Tool (SMART)





What is SMART and How do I Access it?



- **SMART** - The Safety Mishap Analysis & Retrieval Tool is a Google type search feature that gives customers the ability to search the Naval Safety Center safety data repository for all mishap and hazard reports entered into WESS.
- **ACCESS** - SMART can be accessed via the WESS homepage by selecting <https://wess.safetycenter.navy.mil/> and choosing SMART. However, if unable to enter the SMART application, then the “Data Analyst” permission needs to be granted by your command’s Safety Authority (SA). If unsure who the SA is, contact the WESS Helpdesk at 757-444-3520 ext. 7048. Also, you may need to select Compatibility Mode if SMART view is incorrect.



WESS Search Tool



Web Enabled Safety System

Safety Mishap Analysis & Retrieval Tool (SMART)

The most effective way to search and analyze mishap data.

- ✓ Ad-hoc Query
- ✓ Data Export
- ✓ Result Filtering
- ✓ Interactive Charts

Enter search criteria [Search](#)



From the WESS Homepage, enter the word or phrase you would like to search or click here to start



Mishap Reporting



Mishap



Mishap Search



Jasper Reports

Naval Safety Center
375 A Street
Norfolk, VA 23511
757.444.3520 (DSN 564)

WESS Help Desk
Monday - Friday 0800 to 1630 EST
757.444.3520 ext. 7048 (DSN 564)
Email WESS Help Desk

Mishaps
DataDump
Mishap Search
Jasper Reports
Account Maintenance



WESS Search Tool



Safety Mishap Analysis & Retrieval Tool



Smart Search

Explore mishap data in a fresh new way

The Safety Mishap Analysis & Retrieval Tool (SMART) allows customers to search the Naval Safety Center safety data repository. Example: type the word “truck” to see all reports containing that word.



WESS Search Tool



Safety Mishap Analysis & Retrieval Tool



Search

Help

Active Filters

- Search: truck

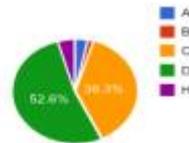
Filters

- Event Classification
- Location
- Service
- Event Date

3503 results (21.724 seconds)

RSS Export Brief-in-a-Box

Results by Severity



- A
- B
- C
- D
- H



1 3,015

More Insights

SERVICE MEMBER INJURED IN MOTORCYCLE ACCIDENT WHILE OFF-DUTY. - 2014-10-26

approaching a bend in the road, service member noticed an oncoming Ford F-150 **truck** swerve into his lane ...

3 more like this

Aviation hazard MH-53E: Aircraft was lazed by a vehicle on the ground while on an inst ... - 2014-10-22

into the cockpit through the windscreen. The beam seemed to originate from a moving pickup **truck** driving parallel ...

3 more like this

Member sustained a concussion and left knee trauma due to a MVA - 2014-10-12

Member was driving east on I-10 at or around mile marker 588. A dog kennel fell off of a **truck** ...

3 more like this

Marine returning from convalescent leave was killed in a motor vehicle ... - 2014-09-29

Plymouth, Ohio while on annual leave when a dump **truck** crossed the center line and struck SNM's vehicle ...



WESS Search Tool



SMART Product Tour

Ad-hoc Query

Search for mishap data using the rich ad-hoc search capabilities of SMART. Easily create complex queries using a robust search syntax that allows you to group search terms, exclude keywords, use proximity searches, and much more. You'll be able to search thousands of safety mishaps in seconds to locate the mishaps you are interested in.



Result Filtering

Refine your results even further by applying additional filters to your search criteria. Specify the classification, location, service, or event date you are interested in to limit what mishaps are displayed. Filters can be used individually or combined to provide powerful result filtering.

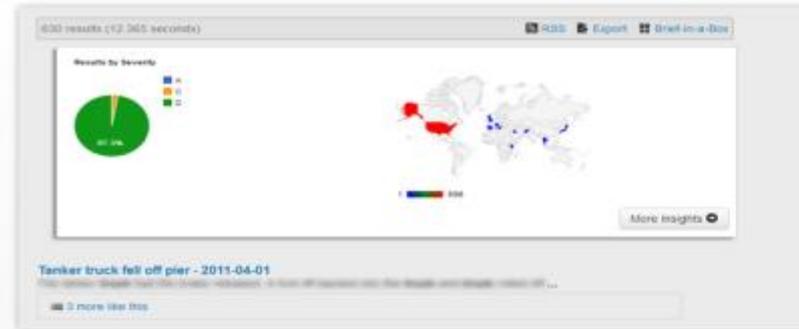


WESS Search Tool



Interactive Charts

See your data in new and exciting ways with the interactive charts we call Insights. Currently SMART provides Insights for mishap severity, location, keywords, and branch of service. In addition to providing valuable visual feedback, Insights can also be clicked to apply result filtering.



Data Export

Getting mishap data out of SMART in multiple formats is easy. You can subscribe to an RSS feed to receive search result updates for a specific query. Data for a query can also be exported in a Comma Separated Values (CSV) file which can be opened with Microsoft Excel. The Brief-in-a-Box feature generates a ready to use Microsoft PowerPoint presentation file that can be downloaded and contains all of the information related to the current query.

explore mishap data like never before

[Get Started](#)



WESS Search Tool



Safety Mishap Analysis & Retrieval Tool



truck

Active Filters

- Search: truck

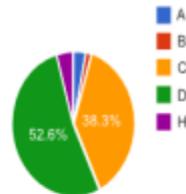
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[RSS](#) [Export](#) [Brief-in-a-Box](#)

Results by Severity



1 3,015

[More Insights](#)

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approaching a bend in the road, service member noticed an oncoming Ford F-150 **truck** swerve into his lane ...

3 more like this

[NAVY MEMBER WAS TRAVELING TO WORK ON MOTORCYCLE AND WAS CUT OFF BY ANO ...](#)
 ON 16 DEC 2013 AT APPROXIMATELY 0800, A NAVY E5 MOTORCYCLE RIDER WAS HEADING WESTBOUND ON THE 54 FREEWAY, AND TRAVELING AT A SPEED OF APPROXIMATELY 20 TO 30 MPH. THE MOTORCYCLE RIDER WAS APPROXIMATELY 300 YARDS AWAY FROM THE

Preview



Service member was traveling Eastbound on I-67 around 0945 on the day of the mishap. While approaching a bend in the road, service member noticed an oncoming Ford F-150 truck swerve into his lane. Service member tried to avoid the oncoming vehicle by moving to the outside of the lane at which point he lost control from the gravel under his motorcycle. The other motorist continued traveling while witnesses assisted the service member until Highway Patrol (CHP) arrived. CHP arrived on the scene around 1015 and took a police report. Service member did not lose any work days due to accident.

When mouse is hovered over incident arrow, all places the search word appears throughout the narrative are highlighted here. Click on link or PDF icon to open



WESS Search Tool



PDF of Mishap

CONSOLIDATED NAVAL MISHAP/HAZARD REPORT FOR MV MISHAP

POC: LAST NAME, FIRST NAME/LT/O-3/111-222-333/DSN /EMAIL:

first.m.lastname@navy.mil

1. GENERAL INFORMATION

A. EVENT NUMBER: 1415048661470

B. REPORTING ACTIVITY: N63393, Reporting Command Name|

C. DOD PROPERTY DAMAGED: NO

D. NON-DOD PROPERTY DAMAGED: YES, 3000

E. MISHAP DATE: October 26, 2014

F. MISHAP TIME: 0945

G. LOCAL SERIAL NUMBER: 8-2014

H. BRIEF NARRATIVE: SERVICE MEMBER INJURED IN MOTORCYCLE ACCIDENT WHILE OFF-DUTY.

I. ALCOHOL INVOLVED: NO

J. DRUGS INVOLVED: NO

K. SAFETY INVESTIGATION BOARD INVOLVED: NO

L. NARRATIVE: Service member was traveling Eastbound on I-67 around 0945 on the day of the mishap. While approaching a bend in the road, service member noticed an oncoming Ford F-150 truck swerve into his lane. Service member tried to avoid the oncoming vehicle by moving to the outside of the lane at which point he lost control from the gravel under his motorcycle. The other motorist continued traveling while witnesses assisted the service member until Highway Patrol (CHP) arrived. CHP arrived on the scene around 1015 and took a police report. Service member did not lose any work



WESS Search Tool



Safety Mishap Analysis & Retrieval Tool



truck

Search

Help

Active Filters

• Search: truck

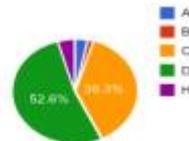
Filters

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- Location
- Service
- Event Date

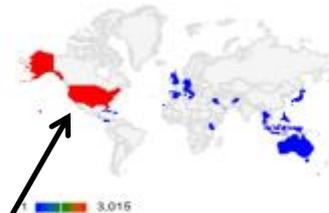
3503 results (21.724 seconds)

RSS Export Brief-in-a-Box

Results by Severity



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- B
- C
- D
- H



More Insights

Click on a country to zoom and see number of incidents for the selection

SERVICE MEMBER INJURED
approaching a bend in the road, se
lane ...

3 more like this

WHILE OFF-DUTY. - 2014-10-26
150 truck swerve into his

Aviation hazard MH-53E: A
- 2014-10-22

into the cockpit through the windscreen. The beam seemed to originate from a moving pickup truck driving parallel ...

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WESS Search Tool



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truck

Search

Active Filters

- Search: truck
- Location: UNITED STATES

Filters

- Event Classification
- Location
- Service
- Event Date

Filter Control

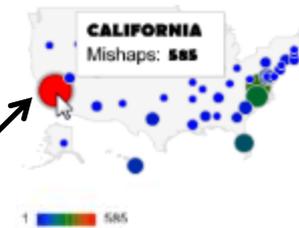
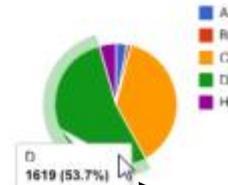
Location Filter

UNITED STATES

3015 results (14.16 seconds)

[RSS](#) [Export](#) [Brief-in-a-Box](#)

Results by Severity



Note when mouse is over chart or map, number of incidents is displayed. Click red dot to see California incidents only

More Insights

SERVICE MEMBER
approaching a bend in the road
[3 more like this](#)

WHILE OFF-DUTY. - 2014-10-26
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[3 more like this](#)

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[3 more like this](#)

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[3 more like this](#)



WESS Search Tool



Safety Mishap Analysis & Retrieval Tool



truck

Search

Active Filters

- Search: truck
- Location: CALIFORNIA

Filters

- Event Classification
- Location
- Service
- Event Date

Filter Control

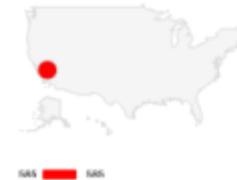
Location Filter

CALIFORNIA

585 results (2.691 seconds)

[RSS](#) [Export](#) [Brief-n-a-Box](#)

Results by Severity



[More Insights](#)

SERVICE MEMBER INJURED IN MOTORCYCLE ACCIDENT WHILE OFF-DUTY. - 2014-10-26

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[3 more like this](#)

Recreational/Off-duty mishap Marine jumped out of bed of truck and landed on his leg wrong. - 2014-09-26

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[3 more like this](#)

Sailor suffered multiple injuries due to highway motorcycle accident. - 2014-09-26

, with the Sailor trailing behind the other two sharing a lane. Ahead was a pickup truck in the same lane ... the Sailor to Sharp Memorial. The Sailor completed a report with the California Highway Patrol ...

[3 more like this](#)

Member fractured tibia after colliding with vehicle on I-805 N during ... - 2014-09-24

of control swerve into the truck in front of him. The rider's right leg was subsequently pinned between ... the motorcycle and the truck's bumper. Service member was taken to a local Naval Medical Facility ...

[3 more like this](#)

Note only those 585 incidents for California are displayed



WESS Search Tool



Safety Mishap Analysis & Retrieval Tool



truck

Search

Active Filters

- Search: truck
- Location: CALIFORNIA

Filters

- Event Classification
- Location
- Service
- Event Date

Filter Control

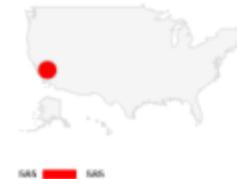
Location Filter

CALIFORNIA

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Select "More Insights" to see a visual representation of the search results



WESS Search Tool



Safety Mishap Analysis & Retrieval Tool



truck

Search

Active Filters

- Search: truck
- Location: CALIFORNIA

Filters

- Event Classification
- Location
- Service
- Event Date

Filter Control

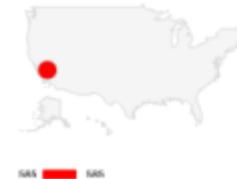
Location Filter

CALIFORNIA

585 results (2.691 seconds)

[RSS](#) [Export](#) [Brief-n-a-Box](#)

Results by Severity



The "RSS" link allows you to subscribe to WESS Search Feeds

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[3 more like this](#)



WESS Search Tool



WESS Search Feed

You are viewing a feed that contains frequently updated content. When you subscribe to a feed, it is added to the Common Feed List. Updated information from the feed is automatically downloaded to your computer and can be viewed in Internet Explorer and other programs. [Learn more about feeds.](#)

 [Subscribe to this feed](#)

Displaying 10 / 10

All 10

Sort by:

Date
 Title

SERVICE MEMBER INJURED IN MOTORCYCLE ACCIDENT WHILE OFF-DUTY.

Saturday, October 25, 2014, 19:00:00 →

Recreational/Off-duty mishap Marine jumped out of bed of truck and landed on his leg wrong.

Thursday, September 25, 2014, 19:00:00 →

Sailor suffered multiple injuries due to highway motorcycle accident.

Thursday, September 25, 2014, 19:00:00 →

Member fractured tibia after colliding with vehicle on I-805 N during ...

Tuesday, September 23, 2014, 19:00:00 →

Aviation hazard E-2C was directed to spread wings near Cat1 and struck P25 Fire Truck

Saturday, August 23, 2014, 19:00:00 →

PMV Accident Fractured Wrist

Sunday, August 17, 2014, 19:00:00 →



WESS Search Tool



Safety Mishap Analysis & Retrieval Tool



truck

Search

Active Filters

- Search: truck
- Location: CALIFORNIA

Filters

- Event Classification
- Location
- Service
- Event Date

Filter Control

Location Filter

CALIFORNIA

585 results (2.691 seconds)

[RSS](#) [Export](#) [Brief-in-a-Box](#)

Results by Severity



The "Export" link creates an Excel spreadsheet from the search results

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WESS Search Tool



Safety Mishap Analysis & Retrieval Tool

StatLab

"I Want To See Information About..."

This export section allows for fine tuning of the search results prior to Excel spreadsheet creation

The Following Search Level:

Event	Person	Aircraft	Property
-------	--------	----------	----------

Scroll down for more filtering features

"And I'm Only Interested In The Following Fields..."





WESS Search Tool



Safety Mishap Analysis & Retrieval Tool

General

- Select/Deselect All

- Calendar Year
- DoD Property Cost
- Event Cost
- Event Date
- Event Severity
- Fiscal Year
- Mishap Classification
- Event Classification
- Non-DoD Property Cost
- Naval Operational
- Alcohol Involved
- Drugs Involved
- Area of Responsibility
- Accident Type
- Event Characterization

Environment

- Select/Deselect All

- Fire Classification
- Lighting Adequate
- Noise Level
- On Base
- Road Design
- Surface Condition
- Surface Defects
- Surface Type
- Visibility Obstructed
- Visibility Obstructions

Location

- Select/Deselect All

- Body of Water
- Country
- State or Province
- City
- CONUS
- Installation
- Shore Location
- Interstate Number
- Port
- Route Designator
- Street
- Township

Select or deselect All filter options, or individually select the ones desired

Select CSV to generate an exportable document



CSV



WESS Search Tool



Safety Mishap Analysis & Retrieval Tool

General

Select/Deselect All

- Calendar
- DoD Prop
- Event Cos
- Event Dat
- Event Sev
- Fiscal Yea
- Mishap Cl
- Event Cla
- Non-DoD
- Naval Ope
- Alcohol In
- Drugs Invi
- Area of R
- Accident 1
- Event Cha

Environment

Select/Deselect All

Location

Select/Deselect All

This screen will appear (if not, minimize all screens until it does). Select appropriate certificate and click Ok

Connecting to wessas7.safetycenter.navy.mil

Select a certificate

Issued to	Issued by	Friendly name	Expiration Date
[Redacted]	DOD EMAIL C...	[Redacted]	6/9/2017
[Redacted]	DOD CA-29	[Redacted]	6/9/2017

OK Cancel View Certificate

CSV



WESS Search Tool



e8c5220f-6c67-41d0-ae50-e0d879e13659 [Read-Only] - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells

A56 2008

YEAR	PROPERTY_COST	EVENT_COST	EVENT_DATE	FISCAL_YE	EVENT_CLASS	NON_DOD_PROPERTY	EVENT_CHARACTER	COUNTRY	STATE	SHORE_LOC	CONUS	SEVERITY	MISHAP_CLASS	NAVAL_OP
2004			12/15/2004	2005	GRND HZ: GENERAL			UNITED	S1 CALIFO	NORTH ISLA	Y			
2004			12/15/2004	2005	GRND HZ: GENERAL			UNITED	S1 CALIFO	NORTH ISLA	Y			
2002			11/14/2002	2003	FLT HZ: GENERAL			UNITED	S1 CALIFO	KINGSVILLE	Y			
2002			5/10/2002	2002	GRND HZ: ATC			UNITED	S1 CALIFO	NORTH ISLA	Y			
2004			12/15/2004	2005	GRND HZ: GENERAL			UNITED	S1 CALIFO	NORTH ISLA	Y			
2006			12/9/2006	2007	GRND HZ: GENERAL			UNITED	S1 CALIFO	TRAVIS AFB	Y			
2007			5/16/2007	2007	GRND HZ: GENERAL			UNITED	S1 CALIFO	NORTH ISLA	Y			
2007			6/18/2007	2007	GRND HZ: ATC			UNITED	S1 CALIFO	NORTH ISLA	Y			
2001			3/28/2001	2001	GRND HZ: ATC			UNITED	S1 CALIFO	NORTH ISLA	Y			
2007			10/17/2007	2008	GRND HZ: GENERAL			UNITED	S1 CALIFO	LEMOORE	N			
2008	0	7000	2/6/2008	2008	GRND HZ: GEN	0		UNITED	S1 CALIFO	NORTH ISLA	Y			
2008			4/8/2008	2008	FLT HZ: GENERAL			UNITED	S1 CALIFO	NORTH ISLA	Y			
2008			6/12/2008	2008	GRND HZ: GENERAL			UNITED	S1 CALIFO	SAN CLEME	Y			
2008			7/29/2008	2008	GRND HZ: GENERAL			UNITED	S1 CALIFO	NORTH ISLA	Y			
2008			10/14/2008	2009	FLT HZ: ATC			UNITED	S1 CALIFO	LEMOORE	N			
2008	0	600	10/22/2008	2009	FLT HZ: GENER	0		UNITED	S1 CALIFO	EL CENTRO	Y			
2009			5/20/2009	2009	FLT HZ: GENERAL			UNITED	S1 CALIFORNIA		Y			
2009			6/24/2009	2009	FLT HZ: GENERAL			UNITED	S1 CALIFO	POINT MUG	Y			
2012	0	20000	1/31/2012	2012	GRND HZ: GEN	20000	Ground Handling	UNITED	S1 CALIFO	OAKLAND	Y			
2013			1/16/2013	2013	GRND HZ: GENERAL		General Hazard	UNITED	S1 CALIFO	NORTH ISLA	Y			
2013	4471	4471	7/23/2013	2013	GRND HZ: GEN	0	General Hazard	UNITED	S1 CALIFO	EL CENTRO	Y			
2014			8/24/2014	2014	GRND HZ: GENERAL		General Hazard	UNITED	S1 CALIFORNIA		N			
2014	0	27901	10/26/2014	2015	GRND HZ: GEN	0	General Hazard	UNITED	S1 CALIFO	BEALE AFB	Y			
2015		375	3/24/2015	2015				UNITED	S1 CALIFORNIA			C	Off-Duty/Rec	N
2013	0	0	4/23/2013	2013				UNITED	S1 CALIFORNIA			D	Diving	Y
2014		0	9/28/2014	2014				UNITED	S1 CALIFORNIA			HAZARD	Shore/Ground	Y
2005	0	0	2/9/2005	2005				UNITED	S1 CALIFORNIA			D	Shore/Ground	Y
2005	3334	3334	4/12/2005	2005				UNITED	S1 CALIFORNIA			D	Shore/Ground	Y
2005	0	2040	5/16/2005	2005				UNITED	S1 CALIFORNIA			D	Shore/Ground	Y

Ready 100%



WESS Search Tool



Safety Mishap Analysis & Retrieval Tool



truck

Search

Active Filters

- Search: truck
- Location: CALIFORNIA

Filters

- Event Classification
- Location
- Service
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Filter Control

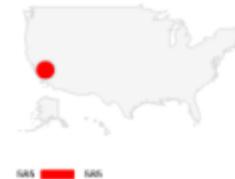
Location Filter

CALIFORNIA

585 results (2.691 seconds)

[RSS](#) [Export](#) [Brief-in-a-Box](#)

Results by Severity



The "Brief-in-a-Box" link creates a customizable PowerPoint brief from the search results

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[3 more like this](#)

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WESS Search Tool



brief-in-a-box [Read-Only] - Microsoft PowerPoint

File Home Insert Design Transitions Animations Slide Show Review View

Cut Copy Paste Format Painter New Slide Section Clipboard Slides

Font Paragraph Drawing

Shape Fill Shape Outline Shape Effects

Find Replace Select Editing

Slides Outline

1 Brief in a Box
Generated by WESS

2 Query
- Search: truck
- Location: CALIFORNIA
- Number of Results: 185

3 Top 5 Results
- SERVICE MEMBER INJURED IN MOTORCYCLE ACCIDENT WHILE OFF-DUTY.
- Recreational Off-duty mishap Marine jumped out of bed of truck and landed on his leg wrong.
- Sailor suffered multiple injuries due to negligent motorcycle accident.
- Member fractured tibia after colliding with vehicle on I-805 N during ...
- Aviation hazard 0-2C was directed to spread wings near Cell and struck 925 Die Truck.

4 Mishaps By Severity

5 WESS Reports by Service and Year

Click to add notes

Slide 1 of 5 "Concourse"

100%

The title and background are customizable.

Brief in a Box
Generated by WESS



WESS Search Tool



Microsoft PowerPoint interface showing a slide titled "Query".

Slide 2 of 5: "Concourse"

Slide Content:

Query

- ▶ Search: truck
- ▶ Location: CALIFORNIA
- ▶ Number of Results: 585

Slide 1: Brief in a Box (Generated by WESS)

Slide 3: Top 5 Results

- SERVICE MEMBER INJURED IN MOTORCYCLE ACCIDENT WHILE OFF-DUTY.
- Recreational Off-duty mishap: Marine jumped out of bed of truck and landed on his leg wrong.
- Sailor suffered multiple injuries due to highway motorcycle accident.
- Member fractured ribs after colliding with vehicle on I-805 N going ...
- Aviation hazard E-2C was directed to spread wings near C-17 and struck F22 Fire Truck.

Slide 4: Mishaps By Severity

Severity	Count
Fatal	1
Serious	1
Moderate	1
Minor	1

Slide 5: WESS Reports by Service and Year



WESS Search Tool



Microsoft PowerPoint interface showing a slide titled "Top 5 Results". The slide content is as follows:

Top 5 Results

- ▶ SERVICE MEMBER INJURED IN MOTORCYCLE ACCIDENT WHILE OFF-DUTY.
- ▶ Recreational/Off-duty mishap Marine jumped out of bed of truck and landed on his leg wrong.
- ▶ Sailor suffered multiple injuries due to highway motorcycle accident.
- ▶ Member fractured tibia after colliding with vehicle on I-805 N during ...
- ▶ Aviation hazard E-2C was directed to spread wings near Cat1 and struck P25 Fire Truck

The slide is part of a presentation with a sidebar containing the following slides:

- Brief in a Box
- Query
- Search: truck
- Location: CALIFORNIA
- Number of Results: 185
- Top 5 Results (Current slide)
- Mishaps By Severity
- WESS Reports by Service and Year

At the bottom of the slide, it says "Click to add notes". The status bar at the bottom of the PowerPoint window shows "Slide 3 of 5" and "Concourse".



WESS Search Tool



brief-in-a-box [Read-Only] - Microsoft PowerPoint

File Home Insert Design Transitions Animations Slide Show Review View

Cut Copy Paste Format Painter New Slide Section Clipboard Slides Font Paragraph Drawing Shape Fill Shape Outline Shape Effects Find Replace Select Editing

Mishaps By Severity

Severity Class	Percentage (Approximate)
Class A	45%
Class B	5%
Class C	45%
Hazards	5%

Class A
Class B
Class C
Class D
Hazards

Click to add notes

Slide 4 of 5 "Concourse"



WESS Search Tool



Microsoft PowerPoint interface showing a slide titled "WESS Reports by Service and Year". The slide contains a line graph comparing the number of WESS reports for the Navy and Marines from 2005 to 2014.

WESS Reports by Service and Year

Year	Navy	Marines
2005	25	12
2006	32	13
2007	47	20
2008	37	25
2009	45	17
2010	41	23
2011	35	17
2012	33	18
2013	45	30
2014	37	19

Click to add notes



WESS Search Tool



Safety Mishap Analysis & Retrieval Tool



truck

Search

Help

Active Filters

- Search: truck
- Location: CALIFORNIA

Filters

- Event Classification
- Location
- Service
- Event Date

Filter Control

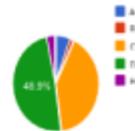
Location Filter

CALIFORNIA

585 results (2.691 seconds)

[RSS](#) [Export](#) [Brief-in-a-Box](#)

Results by Severity



585 1 585

More Insights

The "Help" link provides a customized search tutorial

SERVICE MEMBER INJURED IN MOTORCYCLE ACCIDENT WHILE OFF-DUTY. - 2014-10-26

approaching a bend in the road, service member noticed an oncoming Ford F-150 truck swerve into his lane ...

3 more like this

Recreational/Off-duty mishap Marine jumped out of bed of truck and landed on his leg wrong. - 2014-09-26

Marine was loading his personnel field gear into the back of his truck. Marine then jumped out ... of his truck and hyperextended his right knee causing him to go to the ER. Marine was given light duty ...

3 more like this

Sailor suffered multiple injuries due to highway motorcycle accident. - 2014-09-26

, with the Sailor trailing behind the other two sharing a lane. Ahead was a pickup truck in the same lane ... the Sailor to Sharp Memorial. The Sailor completed a report with the California Highway Patrol ...

3 more like this

Member fractured tibia after colliding with vehicle on I-805 N during ... - 2014-09-24

of control swerve into the truck in front of him. The rider's right leg was subsequently pinned between ... the motorcycle and the truck's bumper. Service member was taken to a local Naval Medical Facility ...

3 more like this



WESS Search Tool



Safety Mishap Analysis & Retrieval Tool - Search Syntax Guide

- [Wildcard Searches](#)
- [Fuzzy Searches](#)
- [Proximity Searches](#)
- [Boolean Operators](#)
- [Grouping](#)
- [Escaping Special Characters](#)
- [Sample Searches](#)

Wildcard Searches

Single and multiple character wildcard searches within single terms (not within phrases) are supported.

To perform a single character wildcard search use the ? symbol.

Search for "sink", "sank", or "sunk":

```
s?nk
```

To perform a multiple character wildcard search use the * symbol.

Search for 0 or more characters such as "crash", "crashes", "crashed", or "crashing":

```
crash*
```

Examples of more detailed ways to search for information in SMART

Fuzzy Searches

To do a fuzzy search use the ~ symbol at the end of a single word.

Search for "needle" including common misspellings such as "needlle" and "meedle":

```
needle~
```

An additional parameter can be specified to control the required similarity of matches. A value of between 0.0 and 1.0 can be supplied after the ~ character. The closer the number is to 1.0, the higher the similarity the matches will be.

Search for terms closely similar to "stem" such as "stems", "stemming", "stemmed":

```
stem~0.8
```

The default similarity value that is used if no parameter is given is 0.5.

```
needle~
```

is the same as

```
needle~0.5
```



WESS Search Tool



Proximity Searches

To do a proximity search use the ~ symbol at the end of a phrase.

Search for "red" and "light" within 3 words or each other:

```
"red light"~3
```

Boolean Operations

AND

By default all search terms are joined using an *AND* operator. The *AND* operator matches documents where both terms exist anywhere in the text. The symbol && can be used in place of the word *AND*.

Search for documents containing both "car" and "truck":

```
car truck
```

is the same as

```
car AND truck
```

is the same as

```
car && truck
```

Examples of more detailed ways to search for information in SMART

OR

The *OR* operator links two terms to find a matching document if either of the terms exist in the document. The symbol || can be used in place of the word *OR*.

Search for documents containing either "car" or "truck":

```
car OR truck
```

is the same as

```
car || truck
```

NOT

The *NOT* operator excludes documents that contain the term after *NOT*. The symbol - can be used in place of the word *NOT* when placed adjacent to the search term or phrase.

Search for documents that contain "red light" but not "motorcycle":

```
"red light" NOT motorcycle
```

is the same as

```
"red light" -motorcycle
```

Note: The *NOT* operator cannot be used with just one term or phrase.

This is not valid:

```
NOT motorcycle
```



WESS Search Tool



Grouping

Grouping can be used to control boolean logic and create sub queries. The (and) symbols are used for grouping.

Search for documents that contain "car" or "truck" and also contain "fatal":

```
(car or truck) fatal
```

Escaping Special Characters

The current list of special characters are: + - & & || ! () { } [] ^ * - * ? : \

To escape these special characters use the \.

Search for 1 + 1:

```
1 \+ 1
```

Sample Searches

Basic Example

Search for documents containing "landing" and "gear" anywhere in the text:

```
landing gear
```

Phrase Example

Search for documents containing "landing" and "gear" adjacent to one another in the text:

```
"landing gear"
```

Proximity Example

Search for documents containing "landing" and "gear" within 3 words of each other:

```
"landing gear"~3
```

Exclusion Example

Search for documents containing "landing" and "gear" but not "wind":

```
"landing gear" -wind
```

Grouping Example

Search for documents containing "landing" and "gear" and "bolt" or documents containing "landing" and "gear" and "strut":

```
"landing gear" (bolt OR strut)
```

Advanced Example

Search for documents containing "car" or "truck" or "motorcycle" and "alcohol" and terms very similiar to "speed" such as "speeding", "speeds", "speed" and does not contain "fatal":

```
(car OR truck OR motorcycle) alcohol speed-0.7 -fatal
```

Examples of more detailed ways to search for information in SMART



WESS Search Tool



**For questions or additional information,
please contact the WESS Help Desk**

WESS Help Desk

Monday - Friday 0800 to 1630 EST

757.444.3520 ext. 7048 (DSN 564)

[Email WESS Help Desk](#)