The Accident Database of the CSRTG

RGW CHERRY AND ASSOCIATES
AERONAUTICAL AND SAFETY ENGINEERS

- **Purpose**
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- **Recent Changes**
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Purpose

Purpose

The primary purpose of the database is to provide a tool to assist in carrying out:

- **Cost Benefit and Risk Analyses**

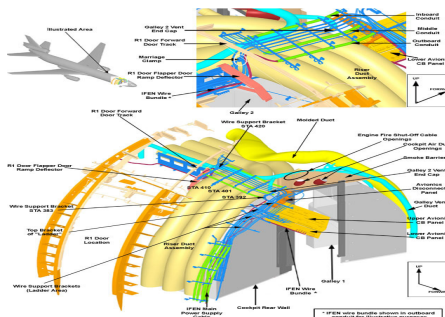- **Studies aimed at identifying safety issues**

Database Content

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Database Content

Data

– **Fields populated primarily by data published by the Authorities**

– **For accidents where it is not possible to obtain official reports collaboration with the Aviation Safety Network to incorporate their data**

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Database Content

- **Passenger and Cargo operations on aircraft type certificated with 20 seats or more**
- **Current Version of the Database contains:**

  – <u>**3,926 Accidents - period 1967 to 2009**</u>

  – <u>**3,208 with textual fields**</u>

  – <u>**583 with synopsis of accident reports**</u>

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Database Content

- **Word Search on Text**
- **Field Searches**
- **Web Based**

http://www.rgwcherry-adb.co.uk

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Database Content

Photographs

Database Content

Exit Usage

KEY:

Exited Left Door 1	Exited Right Door 1	Unoccupied Seat
Exited Left Overwing 2 or 3	Exited Right Overwing 2 or 3	Exit Unknown
45 Total Number of Evacuees Through this Exit		

Note: Some evacuees re-entered then exited a second time via a different exit. The first exit used is illustrated.
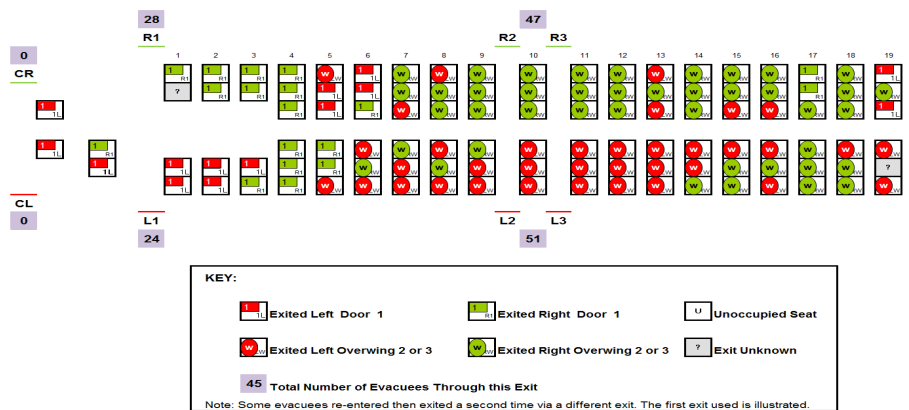
Database Content
Injury Location
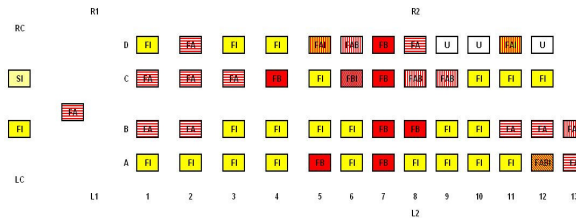
Note: This data includes information determined by the Safety Board, that some passengers switched seats from those assigned, and that the nonrevenue passenger most likely occupied seat 12B

KEY:

FI	FATAL IMPACT	FB	FATAL BURN	SI	SERIOUS IMPACT
FAII	FATAL ASPHYX/TOXICITY IMPACT INJ	FAB	FATAL ASPHYX/TOXICITY BURN		
FBI	FATAL BURN IMPACT INJ	U	UNOCCUPIED		
FABI	FATAL ASPHYX/TOXICITY BURN IMPACT	FA	FATAL ASPHYXIATION/TOXICITY		

Recent Changes

Recent Changes:

- **New User Guide now available on RGW Cherry & Associates Web-site**

CSRTG Aircraft Accident Database

USER GUIDE

ISSUE 3

Recent Changes to the Database:

Software Changes went live April 2nd 2012

CSRTG Aircraft Accident Databas

SEARCH DATABASE				
MY CUSTOM LISTS				
DESIGNATED ACCIDENTS				
MY SAVED SEARCHES				
DATABASE STATS				
INTRODUCTION				
ABOUT / CONTACT				
GLOSSARY				
DISCLAIMER				
CHANGE PASSWORD				
LOGOUT				

Export
Print (3926) Accidents   Export (3926) Accidents

REFERENCE contains
YEAR RANGE between   and
LOCATION   contains
Simple Search   Advanced Search
Search Above   Reset / Show All   Advanced Searc

Page 1   of 197   Records 1 to 20 of 3926   Page Size 2
Clear Tagged Accidents   Add Tagged to Desig
Tag Selected Accidents   Add Tagged to C

REFERENCE	AIRCRAFT TYPE	REGISTRATION	DATE	LOCATIO
20091222A	B737-823	N977AN	22-DEC-2009	NORMAN
20091220A	HS748	5Y-YKM	20-DEC-2009	TONJ AII
20091207A	EMB135LR	ZS-SJW	07-DEC-2009	GEORGE
20091202A	F100	PK-MJD	02-DEC-2009	KUPANG
20091128A	MD11-F	Z-BAV	28-NOV-2009	SHANGH
20091119A	MD82	9Q-CAB	19-NOV-2009	GOMA A
20091118B	B777-200	N209UA	18-NOV-2009	(NEAR) I
20091118A	F100	EP-CFO	18-NOV-2009	ISFAHAN

Transport   Transports
Canada   Canada

Federal Aviation
Administration
Fire Safety

Primary Changes:

- **ACCIDENT TAGGING** - registered user can tag accidents of interest whilst browsing database. These are highlighted and can be sorted to top (available for registered users). Tagged accidents are saved.

- **DESIGNATED ACCIDENTS** - registered user can create and save personal list of accidents of particular interest.

- **NEW DATA FIELDS** - 'Seat Category' and 'Type Certificated Seat Category' - these will be populated progressively.

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Primary Changes:

- **OFFICIAL ACCIDENT REPORTS** - facility added to store these within ADB for user download.

- **ADVANCED SEARCH** - can now search for accidents having PICTURES, INJURY LOCATION DIAGRAMS, EXIT USAGE DIAGRAMS, EXIT AND ASSIST MEANS TABLES, OCCUPANT DATA TABLES or OFFICIAL ACCIDENT REPORTS.

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Primary Changes:

- **SEARCH IN CUSTOM LIST** - can now carry out simple and advanced search within a custom list.
- **PICTURE VIEWER** - now provides zoom-in/out.
- **SESSION TIME OUT** - increased to approx 8 hours. (Note: time out may be less if user has dynamic IP Address)
- **TEXT SEARCH** - performance of 'text string' search improved.

Planned Future Changes

Planned Future Changes:

- **Addition of NTSB Accident Reports - downloadable**
- **Addition of 2010 & 2011 Accident Data**
- **Transition to the FAA Website**