The Accident Database of the CSRTG

- Purpose
- Content
- Recent Changes
- Planned Future Changes
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

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
Database Content

- Passenger and Cargo operations on aircraft type certificated with 20 seats or more
- Current Version of the Database contains:
  - 3,926 Accidents - period 1967 to 2009
  - 3,208 with textual fields
  - 583 with synopsis of accident reports

http://www.rgwcherry-ADB.co.uk
Database Content

Photographs

Database Content

Exit Usage

KEY:
- Red: Exit Left Door 1
- Blue: Exit Left Door 2
- Green: Exit Right Door 1
- Yellow: Exit Right Door 2 or 3
- Orange: Unoccupied Seat
- Gray: Exit Unknown

Note: Some passengers entered then exited a second time via a different exit. The first exit used is illustrated.
Database Content

Injury Location

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>D</td>
<td>E</td>
<td>F</td>
<td>G</td>
<td>H</td>
<td>I</td>
<td>J</td>
<td>K</td>
<td>L</td>
<td>M</td>
<td>N</td>
</tr>
</tbody>
</table>

Note: This data includes information determined by the Safety Board. Intact passengers without any head trauma are listed, and data for occupants seated rear left or rear right seat is not provided.

Recent Changes
Recent Changes:

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

Recent Changes to the Database:

Software Changes went live April 2nd 2012
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.

• **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.
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