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Diagrams and Narrative Illustrations

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Accident Airliner Australia

Accident Airliner Australia 1960-1970

Airline, Ansett-ANA Airlines

VH-TCV

1960-1970, Airline, Ansett-ANA Airlines

30 Nov 1961 Botany Bay, Sydney, Australia Aircraft Accident

Loss of the Ansett-ANA Viscount VH-TCV during severe weather. Turbulence induced a upset, leading to a high speed dive. During attempted pull up the port wing separated. Illustration of the probable flight path and sequence of events.

Drawing code: 0817-02



Accident Airliner Europe

Accident Airliner Europe Air France

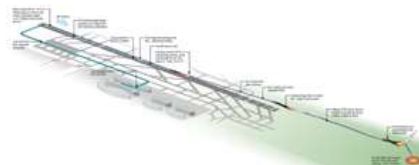
Airline, Crash of Air France Concorde, 2000



Air France, Airline, Crash of Air France Concorde, 2000

Narrative diagram illustrating some of the events and factors in the lead up to the fatal crash of Flight AF 590, Concorde F-BTSC on 25 July 2000. Based on analysis provided by Macarthur Job in his article on the topic.

Drawing code: 0892-200



Accident Durigables R101

Accident Durigables R101 R101 Crash Sequence

Royal Air Force,

R101

R101 Crash Sequence, Royal Air Force,
5 Oct 1930 France

Diagram illustrates the key events in the final few minutes before the crash of the R101 on the night of the 4th-5th October 1930.

Drawing code: R101-01

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Anti-Submarine Weapons Techniques Allies, WW2

**Anti-Submarine Weapons Techniques Allies, WW2
Retrobomb**

US Navy, Operation of the Retrobomb

**Retrobomb, US Navy, Operation of the Retrobomb
1943**

Illustrating the bomb dispersal pattern. The retrobomb (codename 'Mousetrap') were fitted to MAD equipped Catalinas of VP-63. The squadron used the system successfully against German submarines in the Strait of Gibraltar in early 1944.

Drawing code: 0817-01

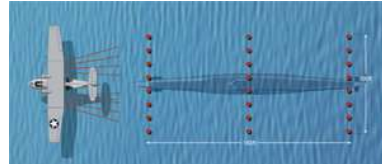


Diagram -

**Diagram -
Flight Safety**

, Flight Data Recorders (Black Box)

Flight Safety, , Flight Data Recorders (Black Box)

Stylised diagram showing the position of the "black boxes" and the input sensors that provide data to the recorders. The featured aircraft is a Boeing 737.

Drawing code: 0169-00



**Diagram -
Human Factors**

, Aircraft Ground Support Staff

Human Factors, , Aircraft Ground Support Staff

Stylised diagram indicating the approximate number of ground based support staff required to prepare a typical Boeing 747 for a scheduled airline flight. Originally developed for an article on human factors.

Drawing code: 0778-00

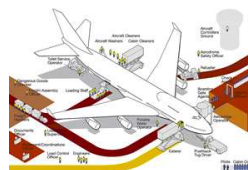


Diagram Aerodynamics

**Diagram Aerodynamics
Turbulence**

, Wingtip Vortices

Turbulence, , Wingtip Vortices

A stylised diagram showing the flow of wingtip vortices from the wings of a medium airliner.

Drawing code: 0892-100



Flying Manoeuvre Military

Flying Manoeuvre Military
Defensive 'Corkscrew'

Royal Air Force, Lancaster Corkscrew

Defensive 'Corkscrew', Royal Air Force, Lancaster Corkscrew
WW2

Diagram illustrating the manoeuvre used by RAF Lancaster bomber to avoid German night fighter attacks. The manoeuvre was known as the 'corkscrew'. The version used by the Lancaster was more strenuous than the standard "corkscrew".

Drawing code: 0823-01

