

3 June 2015
Reference: F0002345

Dear XXXX

I am writing in respect of your recent request of 13 May 2015 for the release of information held by the Civil Aviation Authority (CAA).

Your request:

could you please supply me with all known birdstrikes dealing with the dates from the 1st of June 2013 to the 30th of June 2013

Our response:

Having considered your request in line with the provisions of the Freedom of Information Act 2000 (FOIA), we are able to provide the information below.

Incident reports are provided to the CAA under the terms of the Mandatory Occurrence Reporting (MOR) scheme, in accordance with Article 226 of the Air Navigation Order 2009 (ANO). If an aircraft suffers a birdstrike which results in damage to the aircraft or loss or malfunction of any essential service, this would be an occurrence which should be reported under the MOR scheme.

The CAA also administers an on-line birdstrike reporting scheme which is intended to record birdstrikes in UK airspace regardless of whether damage was caused to the aircraft, in accordance with Article 227 of the ANO. A birdstrike means any incident in flight in which there was reason to believe that the aircraft has been in collision with one or more birds.

A summary of those birdstrikes reported to the CAA in June 2013, in accordance with both Article 226 and Article 227 of the ANO, is provided in the attachment.

In order to preserve the open reporting culture, which is a vital component of the UK's excellent safety record, information which will identify an organisation and is provided to the CAA under either the MOR scheme or the birdstrike reporting scheme is exempt from disclosure under Section 44(1)(a) of the FOIA.

Civil Aviation Authority

Aviation House Gatwick Airport South Gatwick RH6 0YR www.caa.co.uk

Telephone 01293 768512 foi.requests@caa.co.uk

Section 44(1)(a) provides that information is exempt from disclosure if its disclosure is prohibited by, or under, any enactment. Under Section 23 of the Civil Aviation Act 1982, information which relates to a particular person (which includes a company or organisation) and has been supplied to the CAA pursuant to an Air Navigation Order is prohibited from disclosure. A copy of this exemption can be found below.

The CAA's view is that the volume of bird strikes reported at a particular airport does not necessarily imply greater hazard, and the term "Location" in the information provided includes occurrences that extend beyond the airport perimeter. Due to the limitations of unverified reports, users should exercise caution in forming definitive conclusions or opinions based on this information alone.

We would recommend that the birdstrike data is normalised by using UK Airport Statistics such as the Air Transport Movements at an airport, as published on the CAA website at <http://www.caa.co.uk/default.aspx?catid=80&pagetype=88&pageid=3&sglid=3>.

For more information about the MOR scheme, please refer to CAP382 which can be found at: www.caa.co.uk/cap382. More information about the birdstrike reporting scheme can be found at www.caa.co.uk/birdstrikes.

If you are not satisfied with how we have dealt with your request in the first instance you should approach the CAA in writing at:-

Caroline Chalk
Head of External Information Services
Civil Aviation Authority
Aviation House
Gatwick Airport South
Gatwick
RH6 0YR

caroline.chalk@caa.co.uk

The CAA has a formal internal review process for dealing with appeals or complaints in connection with Freedom of Information requests. The key steps in this process are set in the attachment.

Should you remain dissatisfied with the outcome you have a right under Section 50 of the FOIA to appeal against the decision by contacting the Information Commissioner at:-

Information Commissioner's Office
FOI/EIR Complaints Resolution
Wycliffe House
Water Lane
Wilmslow
SK9 5AF
www.ico.gov.uk/complaints.aspx

If you wish to request further information from the CAA, please use the form on the CAA website at <http://www.caa.co.uk/application.aspx?catid=286&pagetype=65&appid=24>.

Yours sincerely

A handwritten signature in black ink, appearing to read 'M Stevens'.

Mark Stevens
External Response Manager

CAA INTERNAL REVIEW & COMPLAINTS PROCEDURE

- The original case to which the appeal or complaint relates is identified and the case file is made available;
- The appeal or complaint is allocated to an Appeal Manager, the appeal is acknowledged and the details of the Appeal Manager are provided to the applicant;
- The Appeal Manager reviews the case to understand the nature of the appeal or complaint, reviews the actions and decisions taken in connection with the original case and takes account of any new information that may have been received. This will typically require contact with those persons involved in the original case and consultation with the CAA Legal Department;
- The Appeal Manager concludes the review and, after consultation with those involved with the case, and with the CAA Legal Department, agrees on the course of action to be taken;
- The Appeal Manager prepares the necessary response and collates any information to be provided to the applicant;
- The response and any necessary information is sent to the applicant, together with information about further rights of appeal to the Information Commissioners Office, including full contact details.

Freedom of Information Act: Section 44

(1) Information is exempt information if its disclosure (otherwise than under this Act) by the public authority holding it-

- (a) is prohibited by or under any enactment,
- (b) is incompatible with any Community obligation, or
- (c) would constitute or be punishable as a contempt of court.

(2) The duty to confirm or deny does not arise if the confirmation or denial that would have to be given to comply with section 1(1)(a) would (apart from this Act) fall within any of paragraphs (a) to (c) of subsection (1).

Birdstrike report



Location	Unrestricted
Report period	01/06/2013 to 30/06/2013
Date produced	28/05/2015

Date	Birdstrike status ¹	Height above ground level ²	Flight phase	Aircraft indicated airspeed	Location ³	Precipitation	Bird species	Number of birds seen	Number of birds struck	Damage (Yes/No/Unknown)
01/06/2013	Confirmed	Under 1500ft	Approach	220	London Heathrow	None	Unknown Bird	1	1	No/Unknown
01/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	180	London Gatwick	None	Rock dove/feral pigeon	1	1	No/Unknown
01/06/2013	Unconfirmed	Unknown	Unknown	Unknown	Southend	None	No Remains Found	Nil	Unknown	No/Unknown
01/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Edinburgh	None	House martin	Unknown	1	No/Unknown
01/06/2013	Confirmed	Unknown	Unknown	Unknown	Newcastle	None	Swift	Unknown	1	No/Unknown
01/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Grand Cayman	None	Stock dove	1	1	No/Unknown
01/06/2013	Unconfirmed	Under 500ft on takeoff	Climb	Unknown	Manchester	None	No Remains Found	Unknown	Nil	No/Unknown
01/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Manchester	None	Pigeon sp.	1	1	No/Unknown
01/06/2013	Confirmed	Unknown	Landing Roll	Unknown	London Heathrow	None	Unknown Bird	Unknown	Unknown	Yes
01/06/2013	Near Miss	Under 500ft on takeoff	Unknown	Unknown	Manchester	None	No Remains Found	1	Nil	No/Unknown
01/06/2013	Unconfirmed	Unknown	Unknown	Unknown	Bermuda International	Unknown	Unknown Bird	1	1	No/Unknown
01/06/2013	Confirmed	Unknown	Unknown	Unknown	Birmingham	None	Unknown Bird	2	1	No/Unknown
01/06/2013	Confirmed	Under 200ft on landing	Landing Roll	146	London Heathrow	None	Racing pigeon	Unknown	1	No/Unknown
02/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Sumburgh	None	Gull sp.	1	Unknown	No/Unknown
02/06/2013	Confirmed	Unknown	Unknown	Unknown	En Route	Unknown	Unknown Bird	Unknown	Unknown	Yes
03/06/2013	Confirmed	Unknown	Unknown	Unknown	Unknown	None	Unknown Bird	Unknown	Unknown	No/Unknown
03/06/2013	Near Miss	Under 200ft on landing	Approach	Unknown	Manchester	None	No Remains Found	2	Nil	No/Unknown
03/06/2013	Confirmed	Unknown	Ground Check	Unknown	London Heathrow	None	Unknown Bird	Unknown	1	No/Unknown
03/06/2013	Unconfirmed	Unknown	Landing Roll	Unknown	Belfast International	None	No Remains Found	Nil	Nil	No/Unknown
04/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Cardiff	None	Unknown Bird	Unknown	1	No/Unknown
04/06/2013	Unconfirmed	Under 1500ft	En Route	110	En Route	None	No Remains Found	2	1	No/Unknown
04/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	London Heathrow	Unknown	Unknown Bird	Unknown	2	No/Unknown
04/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	London Heathrow	None	Starling	Unknown	1	No/Unknown
05/06/2013	Unconfirmed	Unknown	Unknown	Unknown	Bermuda International	Unknown	Unknown Wildlife	1	1	No/Unknown
05/06/2013	Near Miss	Under 200ft on landing	Landing Roll	120	Nottingham East Midlands	None	No Remains Found	Nil	Nil	No/Unknown
05/06/2013	Unconfirmed	Unknown	Take-off run	Unknown	Aberdeen	None	No Remains Found	1	Nil	No/Unknown
05/06/2013	Confirmed	Under 200ft on landing	Approach	Unknown	Southend	None	Racing pigeon	11	2	No/Unknown

06/06/2013	Unconfirmed	Unknown	Unknown	Unknown	Manchester	None	Bat	Nil	Unknown	No/Unknown
06/06/2013	Confirmed	Unknown	Take-off run	20	Exeter	None	Swallow	1	Unknown	No/Unknown
06/06/2013	Unconfirmed	Unknown	Unknown	Unknown	Manchester	None	Skylark	1	Unknown	No/Unknown
06/06/2013	Confirmed	Unknown	Unknown	Unknown	London City	None	Great black-backed gull	Nil	1	No/Unknown
06/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	65	White Waltham	None	Red kite	1	1	No/Unknown
06/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	110	Benbecula	None	House sparrow	1	1	No/Unknown
07/06/2013	Near Miss	Unknown	Landing Roll	Unknown	London City	None	No Remains Found	1	Nil	No/Unknown
07/06/2013	Confirmed	Under 1500ft	Approach	137	Edinburgh	None	Unknown Bird	11	1	No/Unknown
07/06/2013	Confirmed	Under 1500ft	Approach	140	Newcastle	None	Swallow	1	1	No/Unknown
07/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Manchester	None	Skylark	1	1	No/Unknown
07/06/2013	Confirmed	Under 200ft on landing	Approach	130	Gibraltar	Rain	Yellow-legged Gull	1	1	No/Unknown
07/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	Unknown	Cardiff	None	No Remains Found	1	Nil	No/Unknown
07/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	Humberside	None	Sparrowhawk	Unknown	Unknown	No/Unknown
07/06/2013	Confirmed	Under 200ft on landing	Landing Roll	120	Belfast City	None	Lesser black-backed gull	2	2	No/Unknown
07/06/2013	Confirmed	Unknown	Unknown	Unknown	Birmingham	None	Skylark	Unknown	1	No/Unknown
07/06/2013	Near Miss	Under 500ft on takeoff	Climb	Unknown	London City	None	Unknown Bird	1	Nil	No/Unknown
07/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Aberdeen	None	Starling	Nil	2	No/Unknown
08/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	Unknown	London Heathrow	None	Swallow	Unknown	Unknown	No/Unknown
08/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	London Heathrow	None	Swift	Unknown	1	No/Unknown
08/06/2013	Confirmed	Unknown	Unknown	Unknown	London Heathrow	None	Swift	Unknown	1	No/Unknown
08/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	130	Leeds Bradford	None	Rook	1	1	No/Unknown
08/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	50	Barton (Manchester)	None	Swift	Nil	1	No/Unknown
08/06/2013	Unconfirmed	Unknown	Take-off run	Unknown	Jersey	Unknown	No Remains Found	Unknown	Nil	No/Unknown
08/06/2013	Confirmed	Unknown	Climb	Unknown	Bristol International	None	Unknown Bird	1	1	No/Unknown
09/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Norwich	None	Swallow	1	1	No/Unknown
09/06/2013	Confirmed	Unknown	Landing Roll	Unknown	En Route	None	Unknown Bird	2	1	No/Unknown
09/06/2013	Confirmed	Under 500ft on takeoff	Climb	Unknown	Barton (Manchester)	None	No Remains Found	Nil	1	No/Unknown
09/06/2013	Confirmed	Under 200ft on landing	Approach	Unknown	London Gatwick	None	Swift	1	1	No/Unknown
09/06/2013	Confirmed	Unknown	Climb	Unknown	Belfast International	None	No Remains Found	Unknown	1	No/Unknown
09/06/2013	Confirmed	Above 1500ft	Descent	Unknown	Belfast International	None	Unknown Bird	Unknown	1	No/Unknown
09/06/2013	Unconfirmed	Unknown	Landing Roll	Unknown	London Gatwick	None	No Remains Found	1	Nil	No/Unknown
09/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	London Gatwick	None	No Remains Found	1	Nil	No/Unknown
09/06/2013	Confirmed	Unknown	Unknown	Unknown	London Heathrow	None	Unknown Bird	Unknown	Unknown	No/Unknown
10/06/2013	Confirmed	Unknown	Taxi	Unknown	Oxford Kidlington	None	Rook	Unknown	1	No/Unknown
10/06/2013	Confirmed	Under 1500ft	En Route	60	En Route	None	Sparrowhawk	1	1	No/Unknown
10/06/2013	Confirmed	Unknown	Landing Roll	123	Birmingham	None	Unknown Bird	2	2	No/Unknown
10/06/2013	Unconfirmed	Unknown	Unknown	Unknown	Southend	None	Gull sp.	Unknown	Unknown	No/Unknown
10/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Aberdeen	None	Starling	2	1	No/Unknown

10/06/2013	Unconfirmed	Unknown	Unknown	Unknown	Manchester	None	Skylark	Nil	1	No/Unknown
10/06/2013	Confirmed	Under 1500ft	Approach	150	London Stansted	None	Unknown Bird	2	1	No/Unknown
10/06/2013	Confirmed	Under 200ft on landing	Landing Roll	100	Stornoway	None	Starling	1	1	No/Unknown
10/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	100	Inverness	None	Common gull	1	1	No/Unknown
10/06/2013	Confirmed	Unknown	Approach	Unknown	Jersey	None	Marsh Harrier	1	1	No/Unknown
10/06/2013	Confirmed	Unknown	Take-off	Unknown	Alicante	Unknown	Unknown Bird	Unknown	Unknown	No/Unknown
11/06/2013	Confirmed	Under 1500ft	Approach	180	Southampton	None	Unknown Bird	1	1	No/Unknown
11/06/2013	Confirmed	Unknown	Unknown	Unknown	Durham Tees Valley	None	Lapwing	1	1	No/Unknown
11/06/2013	Confirmed	Unknown	Unknown	Unknown	London Gatwick	None	Barn owl	1	1	No/Unknown
11/06/2013	Unconfirmed	Unknown	Climb	Unknown	London Gatwick	None	No Remains Found	1	Nil	No/Unknown
11/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	Unknown	Kirkwall	None	No Remains Found	Nil	Nil	No/Unknown
11/06/2013	Near Miss	Under 500ft on takeoff	Take-off run	Unknown	Bristol International	Rain	No Remains Found	1	Nil	No/Unknown
11/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	Kirkwall	None	No Remains Found	Unknown	Unknown	No/Unknown
11/06/2013	Confirmed	Unknown	Unknown	Unknown	London Gatwick	None	Swift	1	1	No/Unknown
11/06/2013	Confirmed	Under 200ft on landing	Approach	150	London Heathrow	None	Unknown Bird	Unknown	Unknown	No/Unknown
11/06/2013	Unconfirmed	Under 1500ft	Approach	130	London Heathrow	None	No Remains Found	2	Unknown	No/Unknown
11/06/2013	Confirmed	Unknown	Take-off run	Unknown	Leeds Bradford	Unknown	Unknown Bird	Unknown	1	Yes
11/06/2013	Confirmed	Above 1500ft	En Route	Unknown	En Route	None	Unknown Bird	1	1	Yes
12/06/2013	Confirmed	Under 200ft on landing	Approach	150	London Heathrow	None	Skylark	Unknown	1	No/Unknown
12/06/2013	Confirmed	Under 1500ft	Approach	140	Stornoway	None	Unknown Bird	1	Unknown	No/Unknown
12/06/2013	Confirmed	Unknown	Unknown	Unknown	Belfast City	None	Swallow	1	1	No/Unknown
12/06/2013	Near Miss	Under 500ft on takeoff	Climb	Unknown	London City	None	Unknown Bird	Unknown	Nil	No/Unknown
12/06/2013	Unconfirmed	Under 500ft on takeoff	Climb	Unknown	Gibraltar	None	Swift	Unknown	Unknown	No/Unknown
12/06/2013	Unconfirmed	Unknown	Take-off run	Unknown	Newcastle	None	No Remains Found	1	Unknown	No/Unknown
12/06/2013	Confirmed	Under 1500ft	Climb	140	Guernsey	None	Herring Gull	Unknown	Unknown	No/Unknown
12/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Belfast City	None	Swallow	1	1	No/Unknown
13/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	Birmingham	None	No Remains Found	Unknown	Unknown	No/Unknown
13/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Birmingham	None	Swift	Unknown	1	No/Unknown
13/06/2013	Confirmed	Unknown	Unknown	Unknown	Birmingham	None	Swift	Unknown	1	No/Unknown
13/06/2013	Near Miss	Under 200ft on landing	Approach	Unknown	Manchester	None	Woodpigeon	2	Nil	No/Unknown
13/06/2013	Near Miss	Under 500ft on takeoff	Climb	Unknown	Prestwick	None	Woodpigeon	2	Nil	No/Unknown
13/06/2013	Confirmed	Under 200ft on landing	Landing Roll	140	Birmingham	None	Swift	2	Nil	No/Unknown
13/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Newcastle	None	Swift	Unknown	1	No/Unknown
13/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	St Marys, Isles of Scilly	None	House sparrow	1	1	No/Unknown
13/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Isle Of Man	None	Skylark	Unknown	1	No/Unknown
13/06/2013	Confirmed	Unknown	Ground Check	Unknown	London Gatwick	None	Unknown Bird	Unknown	1	No/Unknown
13/06/2013	Confirmed	Under 200ft on landing	Unknown	Unknown	London Gatwick	None	Starling	1	1	No/Unknown
13/06/2013	Confirmed	Under 1500ft	Climb	400	Southampton	None	Unknown Bird	2	1	No/Unknown

13/06/2013	Unconfirmed	Unknown	Standing	Unknown	London Heathrow	Unknown	Unknown Bird	Unknown	Unknown	Yes
14/06/2013	Confirmed	Under 1500ft	Unknown	1	Newcastle	None	Unknown Bird	Unknown	2	No/Unknown
14/06/2013	Confirmed	Under 200ft on landing	Landing Roll	150	London Gatwick	None	Unknown Bird	1	1	No/Unknown
14/06/2013	Unconfirmed	Under 200ft on landing	Approach	120	Aberdeen	None	Unknown Bird	1	Nil	No/Unknown
14/06/2013	Confirmed	Under 200ft on landing	Approach	Unknown	London Gatwick	None	Unknown Bird	1	1	No/Unknown
14/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	London Heathrow	None	Swift	Unknown	1	No/Unknown
14/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Edinburgh	None	Swift	Unknown	1	No/Unknown
14/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	Birmingham	None	No Remains Found	Unknown	Nil	No/Unknown
14/06/2013	Confirmed	Unknown	Unknown	Unknown	Bermuda International	Unknown	Unknown Wildlife	1	1	No/Unknown
14/06/2013	Unconfirmed	Unknown	Landing Roll	Unknown	Belfast International	None	No Remains Found	Unknown	Unknown	No/Unknown
14/06/2013	Confirmed	Unknown	Unknown	Unknown	London Heathrow	None	Carrion and hooded crow	Unknown	1	No/Unknown
15/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	Birmingham	None	No Remains Found	Unknown	Nil	No/Unknown
15/06/2013	Confirmed	Unknown	Unknown	Unknown	Birmingham	None	No Remains Found	Nil	1	No/Unknown
15/06/2013	Near Miss	Under 200ft on landing	Approach	20	Unknown	None	Pigeon sp.	Unknown	Nil	No/Unknown
15/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Birmingham	None	Swift	2	1	No/Unknown
15/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	Unknown	Birmingham	None	No Remains Found	Unknown	Nil	No/Unknown
15/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	Unknown	Birmingham	None	No Remains Found	Unknown	Nil	No/Unknown
15/06/2013	Confirmed	Unknown	Unknown	Unknown	Unknown	Unknown	Swift	Unknown	1	No/Unknown
15/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Birmingham	None	No Remains Found	2	1	No/Unknown
15/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Leeds Bradford	None	Swallow	Nil	1	No/Unknown
15/06/2013	Unconfirmed	Unknown	Landing Roll	Unknown	Edinburgh	None	No Remains Found	Unknown	Nil	No/Unknown
15/06/2013	Near Miss	Under 200ft on landing	Unknown	Unknown	Manchester	None	Swift	1	Unknown	No/Unknown
16/06/2013	Near Miss	Under 500ft on takeoff	Take-off run	Unknown	Gibraltar	None	Yellow-legged Gull	1	Nil	No/Unknown
16/06/2013	Confirmed	Unknown	Unknown	Unknown	Newcastle	None	Swift	Unknown	1	No/Unknown
16/06/2013	Unconfirmed	Unknown	Take-off run	Unknown	Jersey	Unknown	No Remains Found	Unknown	Nil	No/Unknown
16/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Birmingham	None	Swift	Unknown	1	No/Unknown
16/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Cardiff	None	Herring Gull	1	1	No/Unknown
16/06/2013	Near Miss	Under 500ft on takeoff	Climb	Unknown	Gibraltar	None	Unknown Bird	Unknown	1	No/Unknown
16/06/2013	Confirmed	Under 1500ft	Climb	160	Birmingham	None	Swallow	2	1	No/Unknown
16/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Birmingham	None	Unknown Bird	2	1	No/Unknown
16/06/2013	Confirmed	Unknown	Unknown	Unknown	Birmingham	None	Swift	Unknown	1	No/Unknown
16/06/2013	Confirmed	Under 500ft on takeoff	Climb	Unknown	Humberside	None	Skylark	Unknown	1	No/Unknown
16/06/2013	Near Miss	Under 200ft on landing	Landing Roll	Unknown	Gibraltar	None	No Remains Found	1	Nil	No/Unknown
16/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	Aberdeen	None	No Remains Found	11	Nil	No/Unknown
16/06/2013	Near Miss	Under 200ft on landing	Landing Roll	Unknown	Gibraltar	None	Yellow-legged Gull	Unknown	Nil	No/Unknown
16/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Birmingham	None	Swift	1	1	No/Unknown
16/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	Humberside	None	No Remains Found	Nil	Nil	No/Unknown
17/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Glasgow	None	Swallow	1	1	No/Unknown

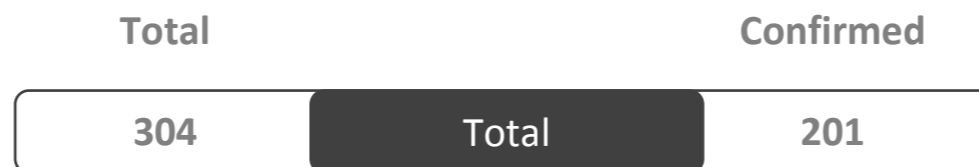
17/06/2013	Confirmed	Under 200ft on landing	Approach	Unknown	Liverpool	None	No Remains Found	Nil	1	No/Unknown
17/06/2013	Confirmed	Under 1500ft	Approach	Unknown	Birmingham	None	Swift	2	1	No/Unknown
17/06/2013	Confirmed	Under 200ft on landing	Landing Roll	100	Nottingham East Midlands	None	Skylark	1	1	No/Unknown
17/06/2013	Near Miss	Under 500ft on takeoff	Take-off run	Unknown	Liverpool	None	No Remains Found	1	Nil	No/Unknown
17/06/2013	Confirmed	Unknown	Landing Roll	Unknown	London Gatwick	None	Unknown Bird	1	1	No/Unknown
17/06/2013	Unconfirmed	Under 200ft on landing	Approach	Unknown	Newcastle	None	No Remains Found	Unknown	Unknown	No/Unknown
17/06/2013	Confirmed	Above 1500ft	En route	Unknown	Barcelona	Unknown	Unknown Bird	Unknown	Unknown	Yes
18/06/2013	Confirmed	Unknown	Unknown	Unknown	Bristol International	Unknown	Great black-backed gull	Unknown	1	No/Unknown
18/06/2013	Confirmed	Unknown	Landing Roll	Unknown	London Gatwick	None	Stock dove	1	1	No/Unknown
18/06/2013	Confirmed	Unknown	Unknown	Unknown	Jersey	Unknown	Unknown Bird	Unknown	1	No/Unknown
18/06/2013	Confirmed	Under 1500ft	Approach	127	Jersey	None	Unknown Bird	Unknown	Unknown	No/Unknown
18/06/2013	Confirmed	Under 200ft on landing	Landing Roll	140	Leeds Bradford	None	Unknown Bird	1	1	No/Unknown
18/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	Birmingham	None	No Remains Found	Unknown	Nil	No/Unknown
18/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	Unknown	Birmingham	None	No Remains Found	Unknown	Nil	No/Unknown
18/06/2013	Confirmed	Under 1500ft	Take-off run	150	Glasgow	None	Unknown Bird	1	1	No/Unknown
18/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	70	Farnborough	None	Common gull	2	1	No/Unknown
18/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Sumburgh	None	Unknown Bird	1	1	No/Unknown
18/06/2013	Confirmed	Under 200ft on landing	Landing Roll	120	Southampton	None	Swallow	1	1	No/Unknown
18/06/2013	Confirmed	Under 200ft on landing	Approach	Unknown	Delhi/Indira Gandhi Intl	Unknown	Unknown Bird	Unknown	Unknown	Yes
19/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	Unknown	London Heathrow	None	No Remains Found	Unknown	Unknown	No/Unknown
19/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	Unknown	Islay	None	No Remains Found	Nil	Unknown	No/Unknown
19/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	London City	None	Unknown Bird	Nil	Nil	No/Unknown
19/06/2013	Unconfirmed	Unknown	Approach	Unknown	Aberdeen	None	Unknown Bird	Unknown	Unknown	No/Unknown
19/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Southampton	None	Herring Gull	1	1	No/Unknown
19/06/2013	Unconfirmed	Unknown	Landing Roll	Unknown	Jersey	Unknown	No Remains Found	1	Nil	No/Unknown
19/06/2013	Unconfirmed	Unknown	Unknown	Unknown	Menorca	Unknown	Unknown Bird	Unknown	Unknown	No/Unknown
20/06/2013	Near Miss	Under 500ft on takeoff	Take-off run	Unknown	Bristol International	None	No Remains Found	1	Nil	No/Unknown
20/06/2013	Confirmed	Under 1500ft	Take-off run	160	Exeter	None	Skylark	1	1	No/Unknown
20/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Jersey	None	Stock dove	Unknown	2	No/Unknown
20/06/2013	Confirmed	Unknown	Take-off run	Unknown	Jersey	None	Skylark	Unknown	1	No/Unknown
20/06/2013	Confirmed	Unknown	Approach	Unknown	London Heathrow	None	Unknown Bird	1	1	No/Unknown
20/06/2013	Confirmed	Unknown	Unknown	Unknown	Blackpool	None	Unknown Bird	Unknown	Unknown	No/Unknown
20/06/2013	Confirmed	Unknown	Unknown	Unknown	Bournemouth	None	Unknown Bird	1	1	No/Unknown
20/06/2013	Unconfirmed	Under 1500ft	Approach	150	London Heathrow	None	No Remains Found	Unknown	Unknown	No/Unknown
20/06/2013	Confirmed	Unknown	Unknown	Unknown	London Heathrow	None	Kestrel	Unknown	Unknown	No/Unknown
21/06/2013	Confirmed	Under 1500ft	Approach	75	Andrewsfield	None	Starling	2	1	Yes
21/06/2013	Near Miss	Under 1500ft	Approach	Unknown	Norwich	Rain	Lesser black-backed gull	11	Nil	No/Unknown
21/06/2013	Confirmed	Unknown	Take-off run	Unknown	Sumburgh	None	Unknown Bird	1	Unknown	No/Unknown

21/06/2013	Confirmed	Unknown	Landing Roll	150	London Heathrow	None	Unknown Bird	1	1	No/Unknown
21/06/2013	Confirmed	Under 200ft on landing	Approach	120	Exeter	None	Swallow	1	1	No/Unknown
21/06/2013	Unconfirmed	Unknown	Take-off run	Unknown	Newcastle	None	No Remains Found	Unknown	Unknown	No/Unknown
22/06/2013	Unconfirmed	Under 200ft on landing	Approach	140	Liverpool	None	No Remains Found	11	Nil	No/Unknown
22/06/2013	Confirmed	Unknown	Climb	Unknown	Liverpool	None	Swift	2	1	No/Unknown
22/06/2013	Confirmed	Under 200ft on landing	Landing Roll	145	Liverpool	None	Swift	2	2	No/Unknown
22/06/2013	Unconfirmed	Unknown	Take-off run	Unknown	Manchester	None	No Remains Found	1	1	No/Unknown
22/06/2013	Confirmed	Unknown	Ground Check	Unknown	Edinburgh	None	Unknown Bird	Unknown	1	No/Unknown
22/06/2013	Confirmed	Under 200ft on landing	Landing Roll	100	Birmingham	None	Swift	1	1	No/Unknown
22/06/2013	Confirmed	Unknown	Take-off run	100	Stornoway	Rain	Unknown Bird	2	Unknown	No/Unknown
22/06/2013	Unconfirmed	Unknown	Take-off run	Unknown	London Gatwick	None	Unknown Bird	1	Nil	No/Unknown
23/06/2013	Confirmed	Unknown	Unknown	Unknown	London Heathrow	None	Buzzard	Unknown	1	No/Unknown
23/06/2013	Confirmed	Unknown	Unknown	Unknown	London Heathrow	None	Skylark	Unknown	1	No/Unknown
23/06/2013	Unconfirmed	Unknown	Take-off run	Unknown	Southend	None	No Remains Found	Unknown	Unknown	No/Unknown
23/06/2013	Confirmed	Under 1500ft	Take-off run	120	Doncaster Sheffield	None	Swift	2	1	No/Unknown
23/06/2013	Confirmed	Unknown	Unknown	Unknown	London Heathrow	None	Carrion and hooded crow	Unknown	1	No/Unknown
23/06/2013	Confirmed	Unknown	Unknown	Unknown	Southampton	None	Swift	Unknown	1	No/Unknown
23/06/2013	Unconfirmed	Unknown	Landing Roll	Unknown	Norwich	None	No Remains Found	Nil	Nil	No/Unknown
23/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Newcastle	None	Swift	Unknown	1	No/Unknown
23/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	160	Liverpool	None	Swift	2	1	No/Unknown
23/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	Edinburgh	None	No Remains Found	Unknown	Nil	No/Unknown
23/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Southampton	None	Swift	2	1	No/Unknown
23/06/2013	Confirmed	Under 200ft on landing	Approach	1501	Liverpool	None	Swift	2	1	No/Unknown
23/06/2013	Confirmed	Unknown	Unknown	Unknown	Southampton	None	Meadow pipit	Unknown	1	No/Unknown
23/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Cardiff	None	Starling	Nil	1	No/Unknown
23/06/2013	Near Miss	Under 500ft on takeoff	Take-off	Unknown	Belfast City	Unknown	Unknown Bird	Unknown	Unknown	No/Unknown
24/06/2013	Confirmed	Under 500ft on takeoff	Climb	Unknown	Isle Of Man	None	Herring Gull	1	1	Yes
24/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Southampton	None	House martin	1	1	No/Unknown
24/06/2013	Confirmed	Unknown	Unknown	Unknown	Birmingham	None	Swallow	Unknown	1	No/Unknown
24/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	100	Scatsa	Rain	No Remains Found	2	Unknown	No/Unknown
24/06/2013	Unconfirmed	Unknown	Take-off run	Unknown	Liverpool	None	No Remains Found	2	Nil	No/Unknown
24/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	60	White Waltham	None	Jackdaw	11	1	Yes
24/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	110	Liverpool	None	No Remains Found	1	Nil	No/Unknown
24/06/2013	Confirmed	Unknown	Unknown	Unknown	Southampton	Unknown	House martin	Unknown	1	No/Unknown
24/06/2013	Unconfirmed	Unknown	Unknown	Unknown	Bermuda International	Unknown	Unknown Wildlife	1	1	No/Unknown
24/06/2013	Confirmed	Unknown	Landing Roll	Unknown	London Gatwick	None	Swift	Nil	1	No/Unknown
25/06/2013	Confirmed	Unknown	Unknown	Unknown	London Gatwick	None	Stock dove	Nil	1	No/Unknown
25/06/2013	Near Miss	Under 1500ft	Take-off run	140	Stornoway	None	Unknown Bird	Unknown	Unknown	No/Unknown

25/06/2013	Near Miss	Under 200ft on landing	Landing Roll	140	Stornoway	None	Unknown Bird	Unknown	Unknown	No/Unknown
25/06/2013	Unconfirmed	Unknown	Unknown	Unknown	Southend	None	Swift	11	2	No/Unknown
25/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Manchester	None	Unknown Bird	1	1	No/Unknown
25/06/2013	Confirmed	Under 200ft on landing	Landing Roll	50	Redhill	None	Unknown Bird	Unknown	1	No/Unknown
25/06/2013	Confirmed	Under 1500ft	Approach	148	London Heathrow	None	Unknown Bird	1	1	No/Unknown
25/06/2013	Confirmed	Under 200ft on landing	Landing Roll	140	London Heathrow	None	Swallow	1	1	No/Unknown
25/06/2013	Confirmed	Unknown	Take-off run	Unknown	Cardiff	None	Gull sp.	2	2	Yes
25/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	London Luton	None	Swift	1	1	No/Unknown
25/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Old Sarum	None	Carrion and hooded crow	11	1	No/Unknown
25/06/2013	Confirmed	Under 200ft on landing	Approach	60	Redhill	None	Unknown Bird	1	1	No/Unknown
25/06/2013	Unconfirmed	Unknown	Take-off run	Unknown	Jersey	None	No Remains Found	Unknown	Nil	No/Unknown
25/06/2013	Confirmed	Above 1500ft	Take-off	Unknown	Reus	Unknown	Unknown Bird	Unknown	Unknown	Yes
26/06/2013	Confirmed	Under 500ft on takeoff	Unknown	Unknown	Belfast International	None	Woodpigeon	Unknown	1	No/Unknown
26/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	Birmingham	None	Unknown Bird	1	Nil	No/Unknown
26/06/2013	Confirmed	Under 200ft on landing	Landing Roll	145	Liverpool	None	Swift	1	1	No/Unknown
26/06/2013	Confirmed	Under 200ft on landing	Landing Roll	100	Liverpool	None	Swift	1	1	No/Unknown
26/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Southend	None	Unknown Bird	2	Unknown	No/Unknown
26/06/2013	Near Miss	Under 200ft on landing	Landing Roll	Unknown	Manchester	None	Woodpigeon	1	Nil	No/Unknown
26/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	145	Liverpool	None	No Remains Found	Nil	Nil	No/Unknown
26/06/2013	Confirmed	Under 1500ft	Approach	Unknown	London Heathrow	None	Unknown Bird	1	1	No/Unknown
26/06/2013	Confirmed	Above 1500ft	En Route	230	Durham Tees Valley	None	Unknown Bird	Unknown	1	No/Unknown
26/06/2013	Confirmed	Unknown	Unknown	Unknown	Durham Tees Valley	None	Swift	1	1	No/Unknown
26/06/2013	Confirmed	Unknown	Unknown	Unknown	Belfast International	None	Rook	2	1	No/Unknown
26/06/2013	Confirmed	Unknown	Unknown	Unknown	Liverpool	None	Swift	Unknown	1	No/Unknown
26/06/2013	Near Miss	Under 500ft on takeoff	Climb	130	Wick	None	Swallow	1	Nil	No/Unknown
26/06/2013	Unconfirmed	Unknown	Take-off run	Unknown	Jersey	Unknown	No Remains Found	Unknown	Nil	No/Unknown
26/06/2013	Unconfirmed	Under 500ft on takeoff	Climb	160	London Heathrow	None	No Remains Found	Unknown	Unknown	No/Unknown
26/06/2013	Confirmed	Under 1500ft	Approach	147	Newcastle	None	Unknown Bird	Nil	1	No/Unknown
26/06/2013	Unconfirmed	Under 500ft on takeoff	Climb	Unknown	London Heathrow	None	No Remains Found	1	Nil	No/Unknown
27/06/2013	Unconfirmed	Unknown	Landing Roll	Unknown	Jersey	None	No Remains Found	Unknown	Nil	No/Unknown
27/06/2013	Unconfirmed	Unknown	Unknown	Unknown	London Luton	None	Swallow	Nil	1	No/Unknown
27/06/2013	Unconfirmed	Under 1500ft	Approach	125	London Heathrow	None	No Remains Found	1	Unknown	No/Unknown
27/06/2013	Unconfirmed	Unknown	Landing Roll	Unknown	Jersey	Unknown	No Remains Found	Unknown	Nil	No/Unknown
27/06/2013	Confirmed	Unknown	Unknown	Unknown	Newcastle	None	Swallow	Unknown	1	No/Unknown
27/06/2013	Confirmed	Under 1500ft	Take-off run	140	Stornoway	None	Unknown Bird	1	1	No/Unknown
27/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Manchester	None	Swallow	1	1	No/Unknown
27/06/2013	Confirmed	Unknown	Taxi	Unknown	Doncaster Sheffield	None	Curlew	1	1	No/Unknown
27/06/2013	Unconfirmed	Unknown	Unknown	Unknown	Durham Tees Valley	None	No Remains Found	Unknown	Unknown	No/Unknown

27/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Edinburgh	None	Swallow	Unknown	1	No/Unknown
27/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Southend	None	Swift	2	1	No/Unknown
27/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	Belfast International	None	Unknown Bird	1	Unknown	No/Unknown
27/06/2013	Confirmed	Under 200ft on landing	Landing Roll	110	Nottingham East Midlands	Rain	Barn owl	1	1	No/Unknown
27/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Manchester	None	Woodpigeon	1	1	No/Unknown
27/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Birmingham	None	Passerine sp.	Nil	1	No/Unknown
28/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Bristol International	None	Buzzard	1	1	No/Unknown
28/06/2013	Unconfirmed	Under 500ft on takeoff	Take-off run	Unknown	Edinburgh	None	No Remains Found	Unknown	Nil	No/Unknown
28/06/2013	Unconfirmed	Unknown	Landing Roll	Unknown	Manchester	Rain	Skylark	1	Unknown	No/Unknown
28/06/2013	Confirmed	Unknown	Unknown	Unknown	Edinburgh	None	Swift	Unknown	1	No/Unknown
28/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Edinburgh	None	Swift	2	1	No/Unknown
28/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	120	Stornoway	None	Unknown Bird	1	Unknown	No/Unknown
28/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Sumburgh	None	Unknown Bird	2	Unknown	No/Unknown
28/06/2013	Confirmed	Under 200ft on landing	Approach	Unknown	London Heathrow	None	Pied/white wagtail	Unknown	Unknown	No/Unknown
28/06/2013	Unconfirmed	Unknown	Approach	Unknown	Cardiff	None	No Remains Found	Nil	Unknown	No/Unknown
28/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Southend	Rain	Swift	Nil	2	Yes
28/06/2013	Confirmed	Unknown	Unknown	Unknown	Isle Of Man	None	Skylark	1	1	No/Unknown
28/06/2013	Unconfirmed	Unknown	Take-off run	Unknown	Liverpool	None	No Remains Found	Unknown	Nil	No/Unknown
29/06/2013	Confirmed	Unknown	Landing Roll	140	Liverpool	Unknown	Swift	2	1	No/Unknown
29/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Southend	None	Swift	11	1	No/Unknown
29/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Southend	None	Swift	11	2	No/Unknown
29/06/2013	Confirmed	Under 200ft on landing	Approach	Unknown	Belfast City	None	Woodpigeon	1	1	No/Unknown
29/06/2013	Confirmed	Unknown	Take-off run	Unknown	Liverpool	None	Swift	Unknown	1	No/Unknown
29/06/2013	Unconfirmed	Unknown	Landing Roll	Unknown	Newcastle	None	No Remains Found	2	Nil	No/Unknown
29/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Newcastle	None	Swift	Unknown	3	No/Unknown
29/06/2013	Unconfirmed	Under 500ft on takeoff	Climb	Unknown	London Heathrow	None	No Remains Found	Unknown	Unknown	No/Unknown
29/06/2013	Confirmed	Unknown	Unknown	Unknown	Bermuda International	Unknown	Unknown Wildlife	1	1	No/Unknown
29/06/2013	Confirmed	Under 1500ft	Approach	155	London Heathrow	None	Unknown Bird	2	2	No/Unknown
29/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Aberdeen	None	Unknown Bird	1	1	No/Unknown
29/06/2013	Confirmed	Under 200ft on landing	Landing Roll	Unknown	Southampton	None	Swift	1	1	No/Unknown
29/06/2013	Confirmed	Unknown	Unknown	Unknown	Bristol International	None	Carrion and hooded crow	Unknown	1	No/Unknown
29/06/2013	Confirmed	Unknown	Unknown	Unknown	Durham Tees Valley	None	Swift	Unknown	1	No/Unknown
29/06/2013	Confirmed	Unknown	Take-off run	162	Manchester	None	Unknown Bird	1	1	No/Unknown
30/06/2013	Confirmed	Unknown	Unknown	Unknown	London Gatwick	None	Woodpigeon	Nil	1	No/Unknown
30/06/2013	Confirmed	Unknown	En Route	Unknown	En Route	None	Unknown Bird	1	1	No/Unknown
30/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	Unknown	Southend	None	Swift	Nil	1	No/Unknown
30/06/2013	Confirmed	Unknown	Landing Roll	Unknown	Belfast City	None	Swallow	2	1	No/Unknown
30/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	Unknown	Glasgow	None	No Remains Found	1	Nil	No/Unknown

30/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Doncaster Sheffield	None	Swift	Unknown	1	No/Unknown
30/06/2013	Confirmed	Unknown	Take-off run	80	Guernsey	None	Gull sp.	1	1	No/Unknown
30/06/2013	Confirmed	Under 200ft on landing	Landing Roll	120	London Heathrow	None	Lesser black-backed gull	Unknown	1	No/Unknown
30/06/2013	Confirmed	Under 500ft on takeoff	Take-off run	Unknown	Newcastle	None	Swift	Unknown	1	No/Unknown
30/06/2013	Confirmed	Unknown	Ground Check	Unknown	London Heathrow	None	Unknown Bird	Unknown	Unknown	No/Unknown
30/06/2013	Confirmed	Under 200ft on landing	Landing Roll	130	Unknown	None	Buzzard	1	1	No/Unknown
30/06/2013	Unconfirmed	Under 200ft on landing	Landing Roll	Unknown	Birmingham	None	No Remains Found	1	Nil	No/Unknown
30/06/2013	Unconfirmed	Under 1500ft	Approach	Unknown	Southend	None	No Remains Found	Unknown	Unknown	No/Unknown
30/06/2013	Unconfirmed	Unknown	Take-off run	65	Southend	None	No Remains Found	Unknown	Unknown	No/Unknown
30/06/2013	Confirmed	Under 200ft on landing	Approach	Unknown	Birmingham	None	Swallow	1	1	No/Unknown
30/06/2013	Confirmed	Under 500ft on takeoff	Take-off	Unknown	Paris Charles-De-Gaulle	Unknown	Unknown Bird	Unknown	Unknown	Yes



1 - The total number of reports is not necessarily representing the total number of confirmed birdstrikes - please refer to the [CAP 772](#).

2 - The term "Occurrences under 1,500 ft" does not include occurrences under 200 ft on landing or under 500 ft on take-off.

3 - The term "Location" includes occurrences that extend beyond the aerodrome perimeter.