



**WBA Virtual Meeting
13 - 14 January 2021**

ATC & WHM: what's new

Valter Battistoni

Freelance Wildlife Strike Expert



ALGHERO, Sardinia



THE ROLE OF ATC

THE RYANAIR EVENT AT ROME CIAMPINO

10 November 2008



COULD HAVE BEEN PREVENTED?



ANNEX 11: «PREVENT COLLISIONS BETWEEN AIRCRAFT AND OBSTRUCTIONS ON THE MANOEUVERING AREAS»

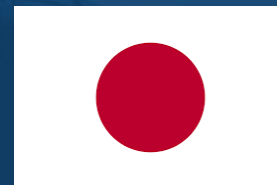
**DOC 4444:
“ANIMALS AND FLOCK OF BIRDS MAY
CONSTITUTE AN OBSTRUCTION”**



U.S. FAA Order JO 7119.65 U (ed., 2012) in Chapter 2 § 2.1.22 "Bird Activity Information",

a. Issue advisory information on pilot-reported, **tower-observed**, or radar-observed and pilot-verified bird activity. Include position, species or size of birds, if known, course of flight, and altitude. Do this for at least 15 minutes after receipt of such information from pilots or from adjacent facilities unless **visual observation** or subsequent reports reveal the activity is no longer a factor.

JAPAN – MANUAL ATC PROCEDURAL REGULATION §2.19



Issue advisory information on pilot-reported,or radar-observed and pilot-verified bird activity. Include position, species or size of birds, if known, course of flight, and altitude. Do this for at least 15 minutes after receipt of such information from pilots or from adjacent facilities unlesssubsequent reports reveal the activity is no longer a factor.

SAME STATEMENT , SAME WORDS, BUT SOMETHING IS MISSING: OBSERVATION! MIGHT IT BE A COINCIDENCE?

DOC 9137 part 3

Ed. 1991

Ed. 2012: ATC and AIR TRAFFIC CONTROL mentioned 19 times

4.8 - UPON RECEIPT OF NOTICE OF A SPECIFIC WILDLIFE THREAT, AIR TRAFFIC CONTROL SHOULD ISSUE APPROPRIATE WARNINGS TO AIRCRAFT

12.3.4 CLEAR AND PRECISE PROCEDURES SHOULD BE DEVELOPED FOR AIR TRAFFIC CONTROL, AND CONTROLLERS SHOULD BE TRAINED SUCH THAT THEY ARE ABLE TO GIVE SPECIFIC AND TIMELY INFORMATION TO PILOTS AND WILDLIFE CONTROL CREWS TO AVOID IDENTIFIED HAZARDS.

DOC 9137 ed. 2020:

ATC and AIR TRAFFIC are mentioned 24 times

Most significant sentences:

... controllers should be trained such that they are able to give specific and timely information to pilots...

...they (ATC) provide pilots with updated information concerning observations of wildlife activity on or near the aerodrome.

ATC may take action or advise in response to potential wildlife strike hazards not limited to: take-off delay, use of alternative runways for landing and take-off, or different routes and altitudes according to established procedures.

Essential aerodrome information is passed to aircraft whenever possible prior to start-up or taxi and prior to the commencement of final approach. For example: a) caution large flock of birds north of runway 27 near taxiway A

Additionally, ATC and other personnel should inform wildlife controllers **when they observe** wildlife...



**THE QUESTION IS: WILL ATM AGENCIES
COMPLY WITH THE NEW DOC 9137 IF THEY
DID PROBABLY NOT COMPLY EVEN WITH
THE FORMER?**



THE PROPOSAL:

PUSH THE WBA ICAO TO CHANGE ITS PRIMARY AND SECONDARY REGULATION, IN PARTICULAR THE ANNEX 11, EXPLAINING THAT ANIMALS AND FLOCKS OF BIRDS ARE OBSTACLES, THAT ATC MUST OBSERVE AND REPORT THEM AND THAT DIRECT OBSERVATION CANNOT BE SUBSTITUTED BY AIP OR NOTAMS.



VALTER BATTISTONI

www.birdstrike.it