

# XV Reunión y Conferencia del Comité Regional CAR/SAM de Prevención del Peligro Aviario y Fauna (CARSAMPAF 15)

# IFALPA



IFALPA

An aerial view of a white commercial airplane flying through a cloudy sky. The plane is centered vertically and horizontally. A semi-transparent dark blue rectangular box is overlaid on the middle of the image, containing the title text.

# Reporting a Wildlife Strike

Capt. Heriberto Salazar

ICAO/ACI Wildlife Strike  
Hazard Reduction Symposium



# A pilot's view of a birdstrike





# What is the pilot's responsibility?



“

The pilot in command is responsible for the safety of all crew members, passengers and cargo on board the aircraft

”



# What can pilots contribute?



- ▶ Operational insight on local Runway Safety Team
- ▶ Operational perspective for international coordination
- ▶ Wildlife strike reports



# Pilot Role in Runway Safety Teams

- ▶ Provide technical expertise with regards to local procedures and conditions at an aerodrome
- ▶ Collaborate as **partners** with the goal to **improve safety**
- ▶ Share experiences and propose areas for improvement
- ▶ Provide **operational** insight into planned changes





# Runway Safety Teams



- ▶ **Wildlife** issues must be assessed from an a holistic point of view
- ▶ Requires an understanding of the international, national and local regulations concerning:
  - ▶ Wildlife
  - ▶ Aerodromes
  - ▶ Environment

# WHO is at RISK?







## Operational perspective for international coordination

- ▶ IFALPA participates in many different forums
  - ▶ ICAO
  - ▶ CARSAMPAF
  - ▶ World Birdstrike Association
  - ▶ BSC US/CAN
  - ▶ IBIS

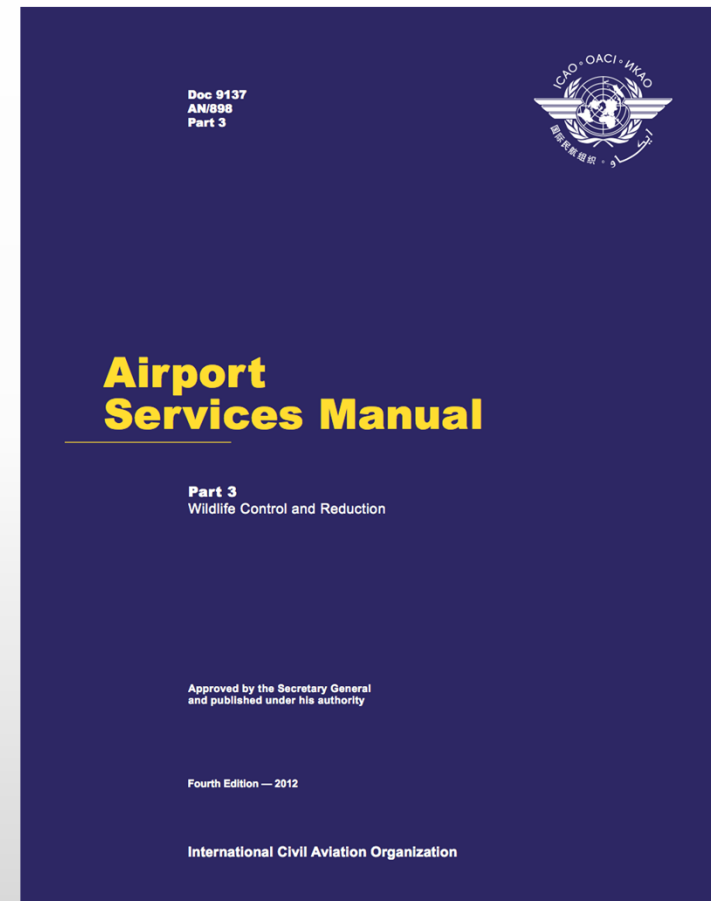




## Wildlife strike reports

9.4.1 The wildlife strike hazard on, or in the vicinity of, an aerodrome shall be assessed through:

b) the collection of information from aircraft operators, aerodrome personnel and other sources on the presence of wildlife on or around the aerodrome constituting a potential hazard to aircraft operations; and





## Is the problem/solution local/regional/global?

Abflug / Departures											
vorzusicht. estimated	Gate	Flug Flight	nach to	Check-in	planmäßig scheduled	vorzusicht. estimated	Gate	Flug Flight	nach to	Check-in	planmäßig scheduled
Z1:30	F22	LT 302	Korfu/Kerkyra	A	06:00		A18	LH 4794	London/Sta		
Z1:00	A05	DI 8322	Pelae d.Hellorca	D	06:00		D15	HF 7083	Pelae d.Ha		
	A03	boqdrogen	DE 7808	Rhodos	Z	06:00	A28 Zentralgeb	AZ 439	Mailand/Ma		
	C10		DE 7802	Aniaya	Z	06:05	B03 Zentralgeb	AF 1223	Paris/CDG		
	A28		LT 030	Fero	A	06:05	A11	LH 1045	Berlin/Tea		
	B01	boqdrogen	DE 7526	Hersklion	Z	06:05	A21 Zentralgeb	LH 229	Frankfurt/		
	C01	cancelled!	YP 7826	Les Pelae	C	06:05	001	LH 4566	London/Hea		
	D08	Quellfluer	DI 8380	Malaga	D	06:05	003	AZ 435	Ros		
	D11		YP 7838	Aniaya	C	06:10	C03	BR 947	London/Hea		
	C04		LT 204	Aihun	A	06:10	A18	LH 5574	Florenz		
	A16		DI 8388	Fero	D	06:10	D16	SK 860	Kopenhege		
	A21	Cbethe888	HF 7843	Aniaya	D	06:15	C06	DI 7082	Dusseldor		
	B03		LH 5071	Frankfurt/Main	A	06:30	A09	LH 089	Frankfurt		
*****			KL 1790	Aaslerdae	D	07:00	D22	OE 8112	Punta Cen		
	D05		SN 2850	Brüssel	D	07:00	D15 Quellfluer	SR 559	Zürich		
	D22		BR 4714	London/Bathick	D	07:00	D01	LH 5774	Toulouse		

- ▶ How to report a Safety event if there is no place to do it?
- ▶ WWW technology should be use to facilitate this proseses
- ▶ In a commond language



BIRD STRIKE REPORTING FORM 鳥衝突報告					
		<input type="checkbox"/> 鳥衝突 Birdstrike		<input type="checkbox"/> 鳥とのニアミス Near-miss	
Operator 運航者	<input type="text"/>	01/02	Effect on Flight フライトへの影響		
Aircraft Make/Model 航空機型式	<input type="text"/>	03/04	none	<input type="checkbox"/> 32	
Engine Make/Model 発動機型式	<input type="text"/>	05/06	なし		
Aircraft Registration 登録番号	<input type="text"/>	07	aborted take-off 離陸中止	<input type="checkbox"/> 33	
Date 日付	day <input type="text"/> month <input type="text"/> year <input type="text"/>	08	precautionary landing 目的地外着陸	<input type="checkbox"/> 34	
Local time 時刻	h <input type="text"/> : m <input type="text"/> JST(UTC +9hrs)	09	engines shut down 発動機停止	<input type="checkbox"/> 35	
dawn <input type="checkbox"/> day <input type="checkbox"/> dusk <input type="checkbox"/> night <input type="checkbox"/>	薄明 昼間 薄暮 夜間	10	other(specify) その他(詳細を記入)	<input type="checkbox"/> 36	
Aerodrome Name 空港名	<input type="text"/>	11/12	Sky Condition 天候状態	37	
Runway Used 使用滑走路	<input type="text"/>	13	no cloud	<input type="checkbox"/> A	
Location if En Route 発生場所	<input type="text"/>	14	fast晴	<input type="checkbox"/> B	
Height AGL 地上よりの高さ	<input type="text"/> ft	15	some cloud 一部雲	<input type="checkbox"/> C	
Speed(IAS) 指示対気速度	<input type="text"/> kt	16	overcast 一面雲		
Phase of Flight 衝突事故発生時の飛行区分	parked <input type="checkbox"/> en route <input type="checkbox"/> taxi <input type="checkbox"/> descent <input type="checkbox"/> タキシング 降下	17	Precipitation 降水		
			fog	<input type="checkbox"/> 38	
			霧		
			rain	<input type="checkbox"/> 39	
			雨		
			snow	<input type="checkbox"/> 40	
			雪		
			Bird Species 鳥の種類	41	
			sparrow <input type="checkbox"/>	swallow <input type="checkbox"/>	plover/sandpipe <input type="checkbox"/>
			スズメ	ツバメ	チドリ/シギ
			gull <input type="checkbox"/>	crow <input type="checkbox"/>	pigeon <input type="checkbox"/>
			カモメ	カラス	ハト
			egret <input type="checkbox"/>	kite <input type="checkbox"/>	other <input type="checkbox"/>
			サギ	トビ	その他
			unknown <input type="checkbox"/>	other(specify)	
			不明	その他(鳥種を記入)	<input type="text"/>





27. Name of Operator		28. Aircraft Make/Model		29. Engine Make/Model																
4. Aircraft Registration		5. Date of Incident Month / Day / Year		6. Local Time of Incident <input type="checkbox"/> Dawn <input type="checkbox"/> Dusk <input type="checkbox"/> Night    HR <input type="checkbox"/> AM <input type="checkbox"/> PM																
7. Airport Name		8. Runway Used		9. Location if En Route (Nearest Town/Reference & State)																
10. Height (AGL)		11. Speed (IAS)																		
12. Phase of Flight <input type="checkbox"/> A. Parked <input type="checkbox"/> B. Taxi <input type="checkbox"/> C. Take-off Run <input type="checkbox"/> D. Climb <input type="checkbox"/> E. En Route <input type="checkbox"/> F. Descent <input type="checkbox"/> G. Approach <input type="checkbox"/> H. Landing Roll		13. Part(s) of Aircraft Struck or Damaged																		
		14. Effect on Flight <input type="checkbox"/> None <input type="checkbox"/> Aborted Take-Off <input type="checkbox"/> Precautionary Landing <input type="checkbox"/> Engines Shut Down <input type="checkbox"/> Other: (Specify)		15. Sky Condition <input type="checkbox"/> No Cloud <input type="checkbox"/> Some Cloud <input type="checkbox"/> Overcast																
		16. Precipitation <input type="checkbox"/> Fog <input type="checkbox"/> Rain <input type="checkbox"/> Snow <input type="checkbox"/> None																		
17. Bird/Other Wildlife Species		18. Number of birds seen and/or struck		19. Size of Bird(s)																
		<table border="1"> <thead> <tr> <th>Number of Birds</th> <th>Seen</th> <th>Struck</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>2-10</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>11-100</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>more than 100</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table>		Number of Birds	Seen	Struck	1	<input type="checkbox"/>	<input type="checkbox"/>	2-10	<input type="checkbox"/>	<input type="checkbox"/>	11-100	<input type="checkbox"/>	<input type="checkbox"/>	more than 100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large	
Number of Birds	Seen	Struck																		
1	<input type="checkbox"/>	<input type="checkbox"/>																		
2-10	<input type="checkbox"/>	<input type="checkbox"/>																		
11-100	<input type="checkbox"/>	<input type="checkbox"/>																		
more than 100	<input type="checkbox"/>	<input type="checkbox"/>																		
20. Pilot Warned of Birds <input type="checkbox"/> Yes <input type="checkbox"/> No																				
21. Remarks (Describe damage, injuries and other pertinent information)																				
<b>DAMAGE / COST INFORMATION</b>																				
22. Aircraft time out of service: _____ hours		23. Estimated cost of repairs or replacement (U.S. \$): s		24. Estimated other Cost (U.S. \$) (e.g. loss of revenue, fuel, hotels): s																
Reported by (Optional)		Title		Date																
<p><b>Paperwork Reduction Act Statement:</b> The information collected on this form is necessary to allow the Federal Aviation Administration to assess the magnitude and severity of the wildlife-aircraft strike problem in the U.S. The information is used in determining the best management practices for reducing the hazard to aviation safety caused by wildlife-aircraft strikes. We estimate that it will take approximately 6 minutes to complete the form. The information collected is voluntary. Please note that an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control number associated with this collection is 2120-0045. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW, Washington, DC 20591, Attn: Information Collection Clearance Officer, ABA-20</p>																				



## Time to find the report format.....



- ▶ Average turn around 25-60 min
- ▶ Easy and accessible processes
- ▶ Cabin procedures



*Branta canadensis maxima*



Primary flight display (PFD)





The Mission of IFALPA is to promote the highest level of aviation safety worldwide and to be the global advocate of the piloting profession; providing representation, services and support to both our members and the aviation industry.

# Nowbody should be left out!!!





# Thank you



@ifalpa



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