

تحليلات الاصطدام بالأحياء البرية (IBIS) للفترة ٢٠٢٢-٢٠٢٤

تستند تحليلات الاصطدام بالأحياء البرية للسنوات ٢٠٢٢-٢٠٢٤ إلى ٧٣٤ ٢١٤ بلاغاً وردت من ١٥٦ دولة بشأن حالات الاصطدام التي وقعت في ٢١٤ دولة وإقليم على النحو المبين في المرفق (أ). ويتضمن المرفق (ب) ملخصاً لحالات الاصطدام بالأحياء البرية التي وردت بلاغات عنها في شبكة منظمة الطيران المدني الدولي للمعلومات بشأن الاصطدام بالطيور (IBIS) للسنوات ٢٠٢٢-٢٠٢٤. ويتضمن المرفق (ج) الإحصاءات العالمية المستمدة من هذه الشبكة، فيما يتضمن المرفق (د) قائمة بفصائل الأحياء البرية ويتضمن المرفق (هـ) ملخصاً لحالات الاصطدام بالأحياء البرية بحسب أقاليم الإيكاو، وجميعها بالنسبة للسنوات من ٢٠١٦ إلى ٢٠٢٤. ويمكن الاطلاع على المرفقات المذكورة أعلاه (المتوفرة باللغة الإنجليزية فقط) من خلال الرابط التالي: <https://www.icao.int/welcome-wildlife-hazard-management-website>.

ومن الأهمية بمكان الإشارة إلى أنه خلال فترة جمع البيانات التي غطت السنوات من ٢٠٢٢ إلى ٢٠٢٤، تلقت الإيكاو ٥٧٩ ٤٠ بلاغاً إضافياً بشأن حالات الاصطدام بالأحياء البرية عن السنوات من ٢٠١٦ إلى ٢٠٢١. ونتيجة لذلك، تم تحديث الرسوم البيانية والإحصاءات المقدمة في هذه النشرة الإلكترونية عن السنوات من ٢٠١٦ إلى ٢٠٢١ وقد تختلف بالتالي عن تلك التي وردت في النشرة الإلكترونية EB 2023/30 المؤرخة في ٢٧/٦/٢٠٢٣.

ويمكن لتحليلات بيانات الاصطدام بالأحياء البرية وعمليات مراقبة ورصد أنشطة الأحياء البرية أن تكشف عن اتجاهات عامة تساعد مشغلي المطارات على تحديد المجالات المثيرة للشواغل والتي ينبغي معالجتها عن طريق وضع برنامج منظم لمراقبة الأحياء البرية. ويمكن استخدام إحصاءات الاصطدام بالأحياء البرية أيضاً لتحديد أوقات اليوم أو السنة التي تشتد فيها الحاجة إلى مراقبة الأحياء البرية.

ولتسهيل عمليات الإبلاغ عن الحوادث وتحليل البيانات، تدرس الإيكاو حالياً مسألة إعداد نظام دولي مخصص للمعلومات بشأن الاصطدام بالطيور (IBIS) بالاستناد إلى برنامج "المركز الأوروبي لتنسيق نظم الإبلاغ عن الحوادث والوقائع" الجديد (ECCAIRS2). وفي غضون ذلك، لا يزال بإمكان الدول أن تقدم بلاغات الاصطدام بالأحياء البرية من خلال نموذج (IBIS) الذي يمكن تنزيله إلكترونياً من خلال الرابط التالي: <https://www.icao.int/welcome-wildlife-hazard-management-website>.

المرفقات (باللغة الإنجليزية فقط):

- (أ) قائمة الدول والأقاليم للسنوات ٢٠٢٢-٢٠٢٤
- (ب) ملخص عن حالات الاصطدام بالطيور التي وردت بلاغات عنها في نظام (IBIS) للسنوات ٢٠٢٢-٢٠٢٤
- (ج) الإحصاءات العالمية لحالات الاصطدام بالطيور الصادرة عن نظام (IBIS) للسنوات ٢٠١٦-٢٠٢٤

- 2 -

- (د) قائمة أنواع الطيور للسنوات ٢٠١٦-٢٠٢٤
- (هـ) ملخص حالات الاصطدام بالأحياء البرية بحسب أقاليم الإيكاو
للسنوات من ٢٠١٦ إلى ٢٠٢٤

صدرت بموجب سلطة الأمين العام

ATTACHMENT A to EB 2026/8

LIST OF STATES AND TERRITORIES FOR THE YEARS 2022-2024

States Reporting (156)

Albania	Egypt	Lithuania
Algeria	El Salvador	Luxembourg
Angola	Equatorial Guinea	Madagascar
Argentina	Estonia	Maldives
Armenia	Ethiopia	Mali
Australia	Fiji	Malta
Austria	Finland	Malaysia
Azerbaijan	France	Mauritania
Bahrain	Gabon	Mauritius
Bangladesh	Georgia	Mexico
Barbados	Germany	Mongolia
Belarus	Ghana	Montenegro
Belgium	Greece	Morocco
Benin	Greenland	Mozambique
Bhutan	Guatemala	Myanmar
Bolivia (Plurinational State of)	Guinea	Namibia
Bosnia and Herzegovina	Guinea-Bissau	Nepal
Botswana	Guyana	Netherlands
Brazil	Haiti	New Zealand
Brunei	Honduras	Nicaragua
Bulgaria	Hungary	Nigeria
Burkina Faso	India	North Macedonia
Cabo Verde	Indonesia	Norway
Cambodia	Iran (Islamic Republic of)	Oman
Cameroon	Iraq	Pakistan
Canada	Ireland	Palau
Central African Republic	Isle of Man	Panama
Chile	Israel	Papua New Guinea
China	Italy	Peru
Colombia	Jamaica	Philippines
Cook Islands	Japan	Poland
Costa Rica	Jordan	Portugal
Côte d'Ivoire	Kazakhstan	Puerto Rico
Croatia	Kenya	Qatar
Cuba	Kiribati	Republic of Korea
Cyprus	Kosovo	Republic of Moldova
Czechia	Kuwait	Romania
Democratic Republic of the Congo	Kyrgyzstan	Russian Federation
Denmark	Latvia	Rwanda
Djibouti	Lebanon	Saint Lucia
Dominican Republic	Libya	Samoa

Sao Tome and Principe
Saudi Arabia
Senegal
Serbia
Seychelles
Sierra Leone
Singapore
Slovakia
Slovenia
South Africa
South Sudan
Spain
Sri Lanka
Sudan
Sweden
Switzerland
Tanzania, United Republic of
Thailand
Togo
Trinidad and Tobago
Tunisia
Türkiye
Uganda
Ukraine
United Arab Emirates
United Kingdom
United States
Uruguay
Uzbekistan
Venezuela (Bolivarian Republic of)
Viet Nam
Zambia
Zimbabwe

States/Territories of Occurrence (214)

Afghanistan	Central African Republic	Greece
Albania	Chad	Greenland
Algeria	Chile	Grenada
American Samoa	China	Guadeloupe
Angola	Colombia	Guam
Antigua and Barbuda	Comoros	Guatemala
Argentina	Congo	Guinea
Armenia	Cook Islands	Guinea-Bissau
Australia	Costa Rica	Guyana
Austria	Côte d'Ivoire	Haiti
Azerbaijan	Croatia	Honduras
Bahamas	Cuba	Hong Kong, China
Bahrain	Curaçao	Hungary
Bangladesh	Cyprus	Iceland
Barbados	Czechia	India
Belarus	Democratic Republic of the Congo	Indonesia
Belgium	Denmark	Iran (Islamic Republic of)
Belize	Djibouti	Iraq
Benin	Dominica	Ireland
Bhutan	Dominican Republic	Israel
Bolivia (Plurinational State of)	East Timor	Italy
Bosnia and Herzegovina	Ecuador	Jamaica
Botswana	Egypt	Japan
Brazil	El Salvador	Jordan
British Overseas Territory of Anguilla	Equatorial Guinea	Kazakhstan
British Overseas Territory of Bermuda	Eritrea	Kenya
British Overseas Territory of Cayman Islands	Estonia	Kiribati
British Overseas Territory of Falkland Islands	Eswatini	Kosovo
British Overseas Territory of Gibraltar	Ethiopia	Kuwait
British Overseas Territory of Montserrat	Fiji	Kyrgyzstan
British Virgin Islands	Finland	Laos
Brunei	France	Latvia
Bulgaria	French Polynesia	Lebanon
Burkina Faso	Gabon	Lesotho
Burundi	Gambia	Liberia
Cabo Verde	Georgia	Libya
Cambodia	Germany	Lithuania
Cameroon	Ghana	Luxembourg
Canada	Qatar	Macao, China
Madagascar	Republic of Korea	Türkiye
Malaysia	Republic of Moldova	Turkmenistan
Maldives	Romania	Uganda
Mali	Russian Federation	
Malta	Rwanda	
Marshall Islands	Saint Barthélemy	
	Saint Kitts and Nevis	

Martinique	Saint Lucia	Ukraine
Mauritania	Saint Martin	United Arab Emirates
Mauritius	Saint Pierre and Miquelon	United Kingdom
Mayotte	Saint Vincent and the	United Republic of
Mexico	Grenadines	Tanzania
Micronesia (Federated States of)	Samoa	United States
Mongolia	Sao Tome and Principe	United States Minor
Montenegro	Saudi Arabia	Outlying Islands
Morocco	Senegal	Uruguay
Mozambique	Serbia	Uzbekistan
Myanmar	Seychelles	Vanuatu
Namibia	Sierra Leone	Venezuela (Bolivarian
Nauru	Singapore	Republic of)
Nepal	Slovakia	Viet Nam
Netherlands	Slovenia	Virgin Islands
New Caledonia	Solomon Islands	Wallis and Futuna Islands
New Zealand	Somalia	Zambia
Nicaragua	South Africa	Zimbabwe
Niger	South Sudan	
Nigeria	Spain	
North Macedonia	Sri Lanka	
Northern Mariana Islands	Sudan	
Norway	Suriname	
Oman	Sweden	
Pakistan	Switzerland	
Palau	Syria	
Panama	Tajikistan	
Papua New Guinea	Thailand	
Paraguay	Togo	
Peru	Tonga	
Philippines	Trinidad and Tobago	
Poland	Tunisia	
Portugal		
Puerto Rico		

SUMMARY OF WILDLIFE STRIKES REPORTED TO THE ICAO BIRD STRIKE INFORMATION SYSTEM (IBIS) FOR THE YEARS 2022-2024

1. INTRODUCTION

1.1 The ICAO Bird Strike Information System (IBIS) was created to collect and disseminate information on wildlife strikes to aircraft.

1.2 This statistical summary is intended to provide the reader with an overview of the global wildlife strike situation, as reported to ICAO for the years 2022 to 2024. It supplements the IBIS World Wildlife Strike Statistics in Attachment C to this Electronic Bulletin.

2. STATISTICAL ANALYSIS FOR THE YEARS 2022-2024

2.1 **Wildlife strike reports at Global Level:** The first data period (EB 2009/37) covered the years 2001 to 2007, seven years in total with 42 508 wildlife strike reports. The second data period (EB 2017/25) covered the years 2008 to 2015, eight years in total with 97 751 wildlife strike reports. The last data period covered the years 2016 to 2021, six years in total with 314 322 wildlife strike reports. This data period covers the years 2022 to 2024, three years in total with 214 734 wildlife strike reports. Although this data period is shorter compared to previous ones, the average number of reports per year has increased by approximately 36 per cent compared to the previous period, now reaching around 71 500 reports per year.

2.2 For the data period covering the years 2022–2024, wildlife strikes were reported to ICAO by 160 States. These strikes occurred across 218 States and territories worldwide. Chart 1 illustrates the progress in wildlife strike reporting to ICAO since 2001, showing an increase of approximately 17 per cent in the number of reporting States and, consequently, a 12 per cent increase in the number of States/territories where occurrences were reported, compared to the previous period.

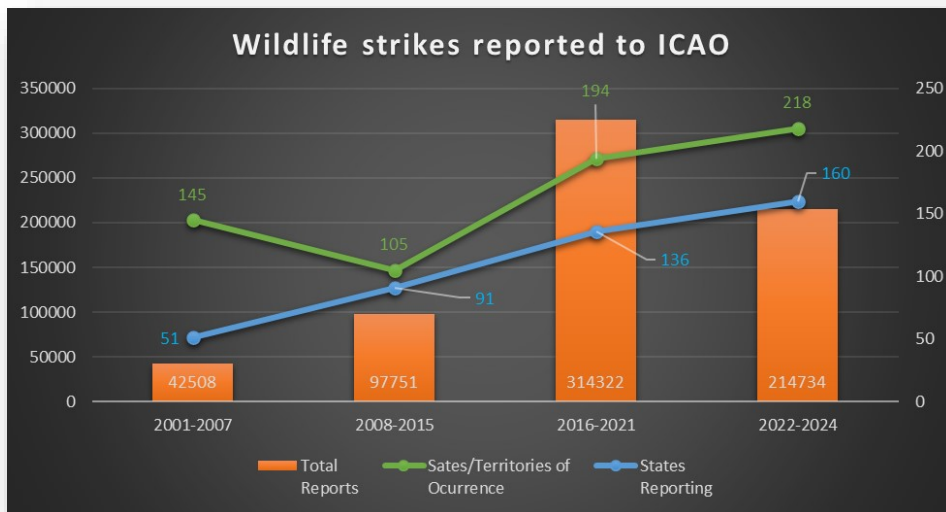


Chart 1. Wildlife strikes reported to ICAO

2.3 **Wildlife strike reports distributed by ICAO Region in which they occurred:** 33 per cent of the reported wildlife strikes occurred in the European and North Atlantic (EUR/NAT) region, and 27 per cent in the North American, Central American and Caribbean (NACC) region.

2.4 It is worth noting that the more balanced distribution of wildlife strike reports among ICAO regions, first observed in the 2016–2021 period, was maintained during this reporting period. The first (2001–2007) and second (2008–2015) data periods showed a strong concentration of approximately 96 per cent of reports coming from the NACC and EUR/NAT regions. Since 2016, however, the data reflects a more realistic correlation between traffic movements and the number of wildlife strikes reported in each ICAO region. This improvement is the result of continued efforts by both ICAO and Member States to enhance data collection and reporting.

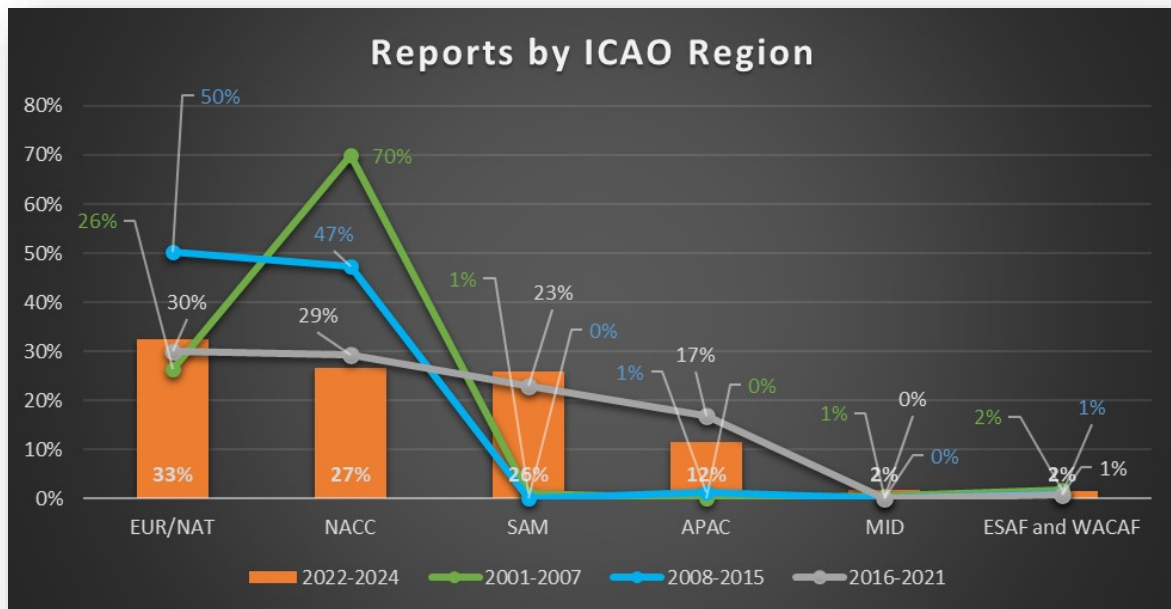


Chart 2. Wildlife strike reports distributed by ICAO Region in which they occurred

2.5 **Light conditions under which the wildlife strikes occurred:** 71 per cent of the wildlife strikes occurred during the daylight time and 19 per cent occurred at nighttime. Daylight time remained to be the highest activity of wildlife strikes and accounts for almost four times the amount of wildlife strikes during the night, which reveals a pattern of light conditions on wildlife strikes.

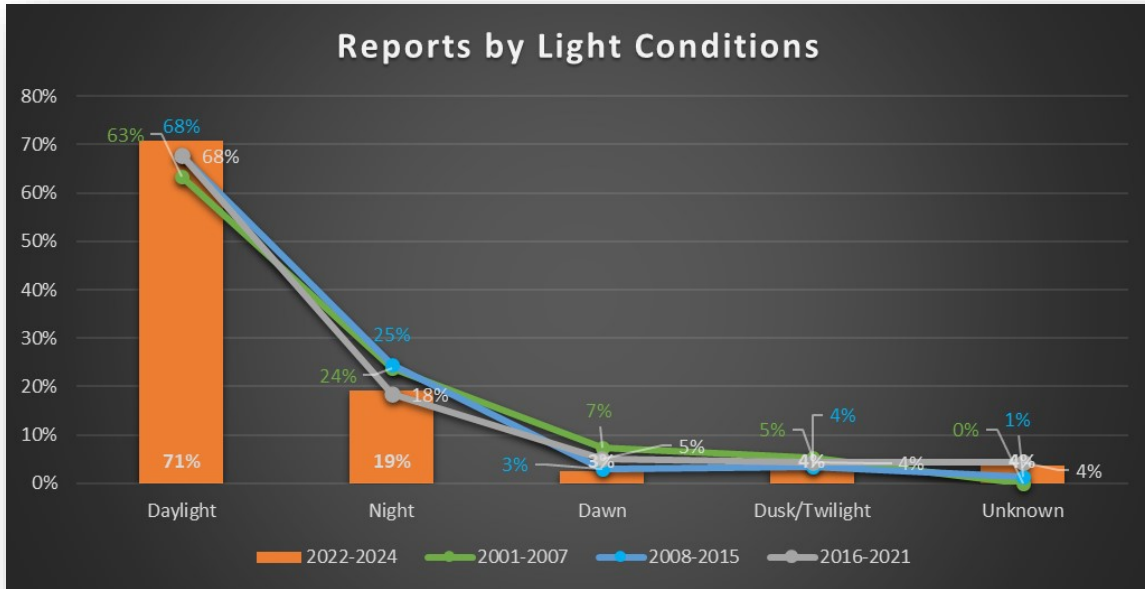


Chart 3. Wildlife strikes reported by light conditions

2.6 *When the wildlife strikes occurred during the year:* It was possible to identify two spikes of wildlife strikes during the year. The first one occurred between March and June. The second one occurred between June and October, from which the activity of wildlife strikes started to reduce until reaching the lowest rates in December, January and February.

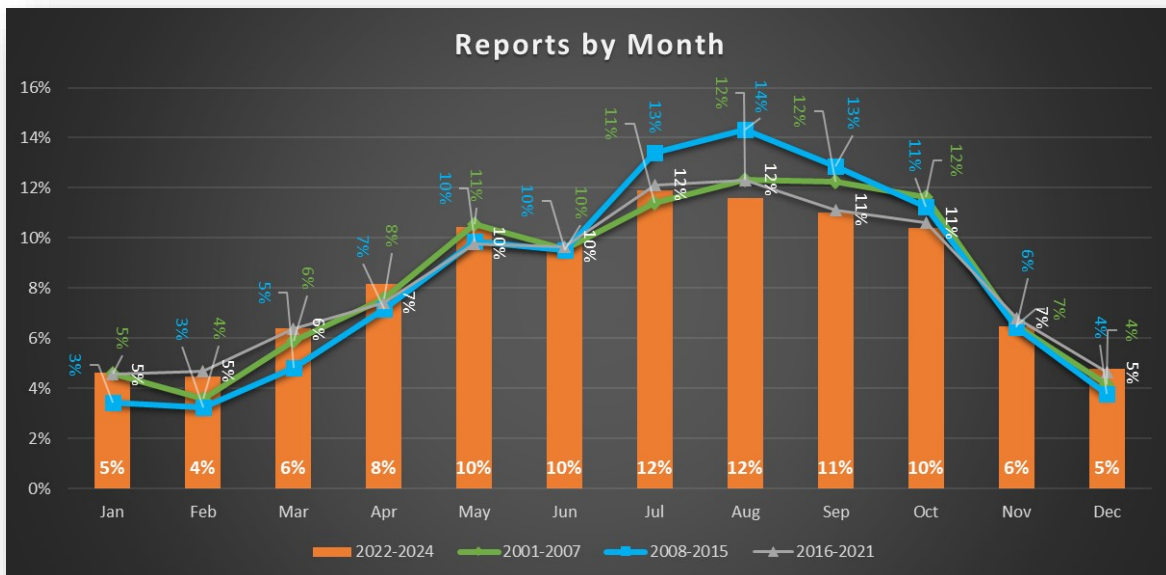


Chart 4. Wildlife strikes reported by month of occurrences

2.7 **Flight phases in which the wildlife strikes occurred:** 86 per cent of the wildlife strikes occurred on or near the aerodrome. 28 per cent of these occurred during the take-off phase while 54 per cent occurred during the approach and landing phase. Flight phase classified as “unknown” had covered 9 per cent.

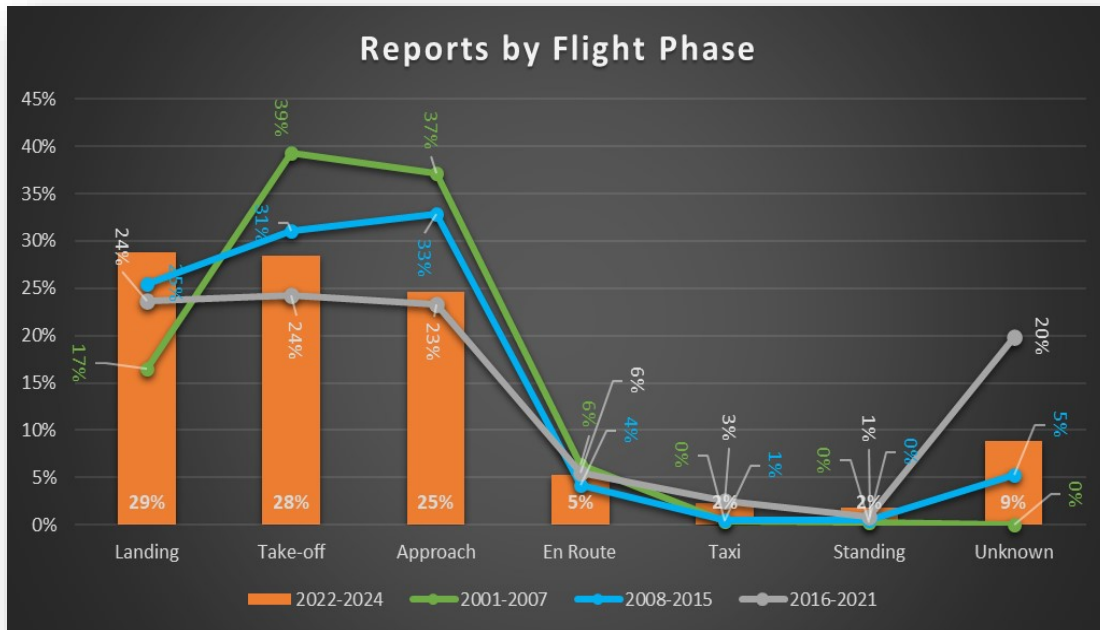


Chart 5. Wildlife Strikes reported according to flight phase

2.8 **Wildlife species most frequently struck:** Perching birds were the most reported species, accounting for 27 per cent of all the reported strikes with information on species. Hawks, eagles and vultures accounted for 25 per cent, and shore birds represented 18 per cent. The reported species with more than 1 per cent, excluding those classified as “unknown”, are illustrated in Chart 6.

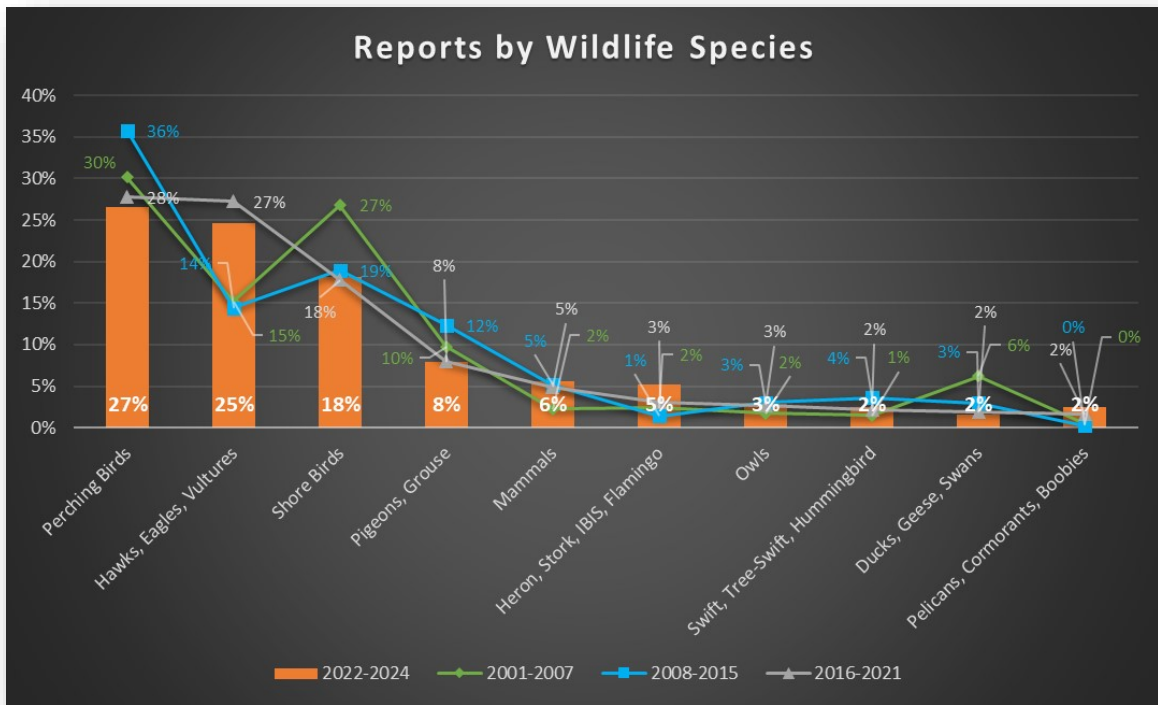


Chart 6. Comparison between wildlife species

2.9 It should be noted that there has been a significant reduction since 2008 in the number of wildlife species reported as “unknown”, which is illustrated in Chart 7.

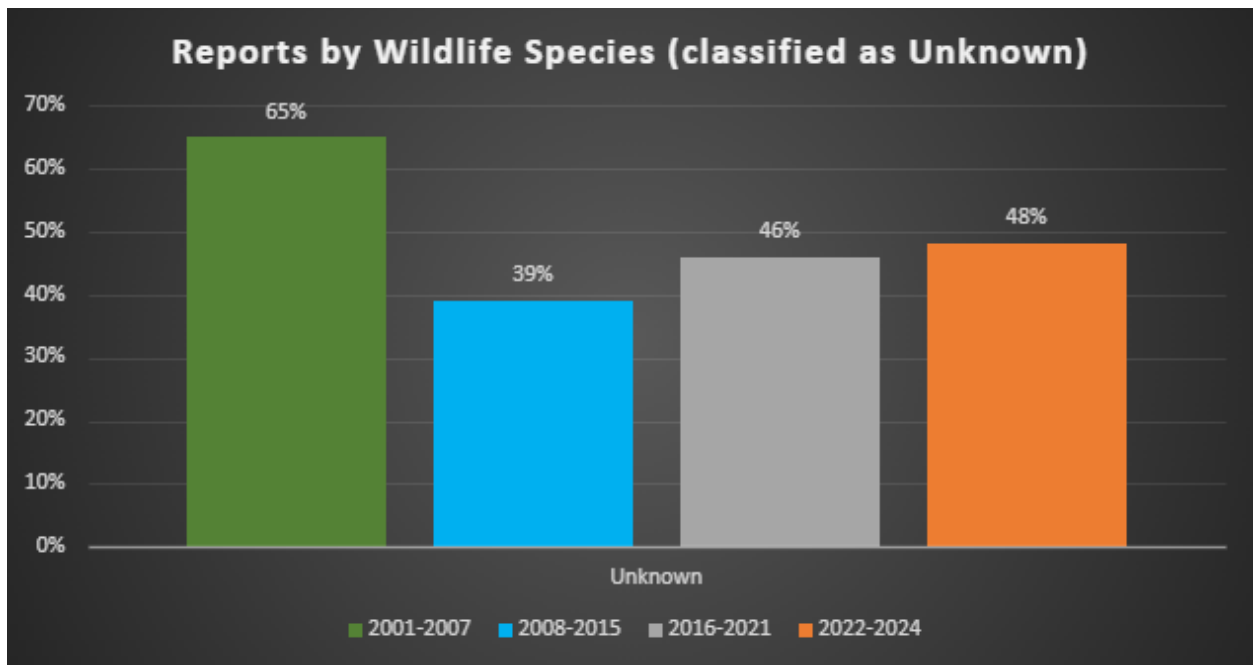


Chart 7. Wildlife species classified as “Unknown”

2.10 **Parts of Aircraft Struck and/or Damaged:** Parts of aircraft struck were reported in 37 per cent of the total reports. The parts struck most often, as reported, were the Wing/Rotor and Other parts with 15 per cent followed by the Engines and Windshield with 14 percent each, and then by the Radome with 12 per cent.

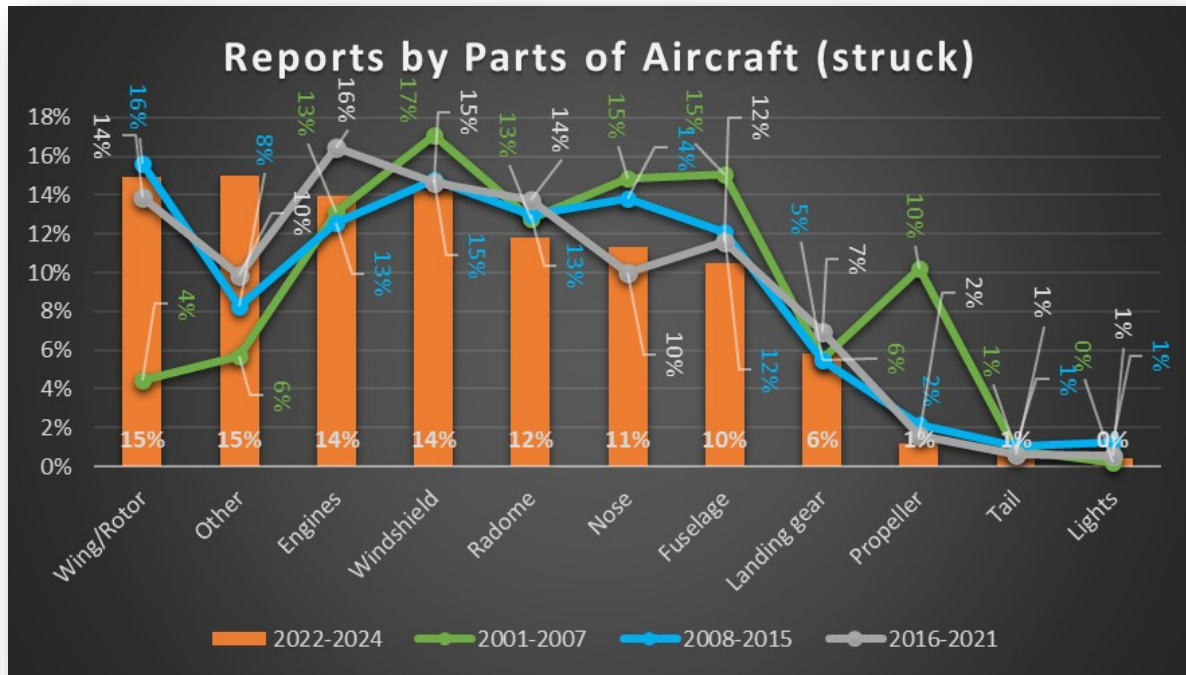


Chart 8. Wildlife strikes reported by parts of aircraft (struck)

2.11 Parts of aircraft damaged were reported in 6 per cent of the total reports. The parts damaged most, as reported, were other parts with 29 per cent followed by the Engines with 22 per cent and then by the Wing/Rotor with 14 per cent.

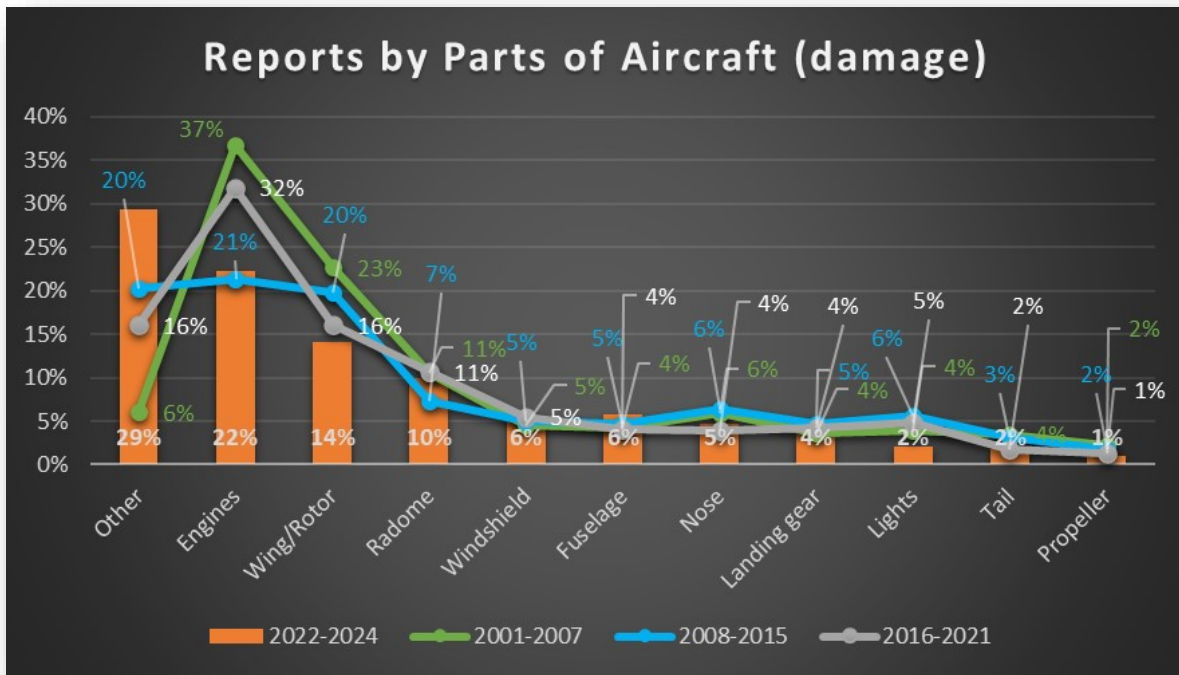


Chart 9. Wildlife strikes reported by parts of aircraft (damage)

2.12 The comparison between the parts struck and the parts damaged by wildlife strikes for the data period covering the years 2022 to 2024, is illustrated in Figure 1.

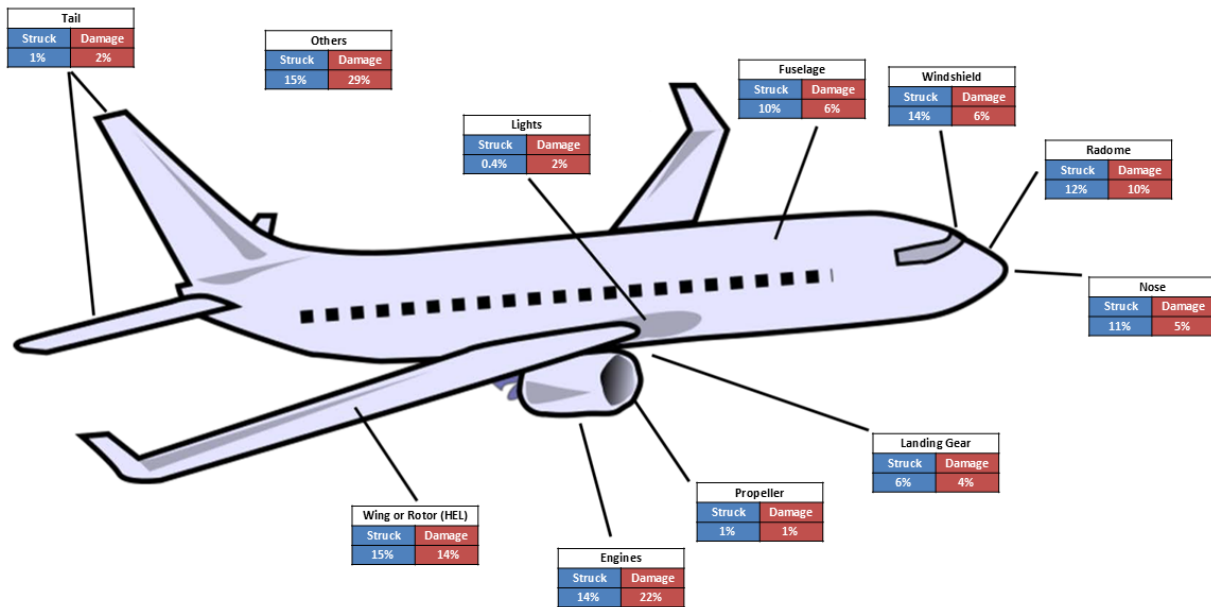


Figure 1. Illustration of parts of aircraft struck and damage

2.13 **Brief summary of wildlife strikes:** Table 1 below provides a brief summary of wildlife strike characteristics for the data period covering the years 2001 to 2024.

Data	2001-2007	2008-2015	2016-2021	2022-2024
<i>States reporting</i>	51	91	136	160
<i>States/territories of occurrence</i>	145	105	194	218
<i>Strikes reported</i>	42 508	97 751	314 322	214 734
<i>Day time strikes</i>	63%	68%	68%	71%
<i>Night time strikes</i>	24%	25%	18%	19%
<i>Peak month activity</i>	12% (August)	14% (August)	12% (July and August)	12% (July and August)
<i>Strikes during takeoff</i>	39%	31%	24%	28%
<i>Strikes during approach</i>	37%	33%	23%	25%
<i>Strikes during landing</i>	17%	25%	24%	29%
<i>Wildlife species most frequent</i>	Perching birds	Perching birds	Hawks, eagles and vultures	Perching birds
<i>Part struck most frequent</i>	Engines and Radome	Engines and Radome	Engines and Radome	Wing/Rotor and other
<i>Part damage most frequent</i>	Engines and Wing/Rotor	Engines and Wing/Rotor	Engines and Wing/Rotor	Other and Engines

Table 1. Data comparison

ATTACHMENT C to EB 2026/8

IBIS WORLD WILDLIFE STRIKE STATISTICS FOR THE YEARS 2016-2024

Month of Occurrence	1	2	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W	X	Y	Other	Unk	Total
Jan	635	7	7	2	6	471	777	390	3878	54	46	2884	897	96	49	582	11	66	79	5	2163	1487	9606	24198
Feb	773	16	10	8	1	506	766	346	4403	35	80	2679	775	74	55	494	6	55	59	6	2178	1337	9684	24346
Mar	914	20	9	7	3	533	803	489	6143	55	105	3286	914	77	62	555	10	87	79	16	3188	1540	14757	33652
Apr	997	45	17	14	9	427	708	430	6126	60	134	3706	1234	69	97	472	26	502	110	15	4976	1706	18851	40731
May	1192	104	14	5	7	464	938	387	6224	55	124	4445	1982	87	135	500	97	1609	132	39	8117	2030	24230	52917
Jun	1168	116	16	6	15	358	825	267	6113	54	76	4310	2443	87	94	576	62	1444	106	26	7526	2168	23294	51150
Jul	1698	96	5	7	4	451	954	202	9140	49	72	5210	3126	101	85	664	79	978	131	49	11118	2129	27165	63513
Aug	2237	46	12	11	12	424	980	264	8610	54	115	5526	3406	107	105	729	150	581	96	88	9830	2131	27922	63436
Sep	1742	56	6	7	7	467	983	352	7058	62	178	5180	2576	149	157	673	236	469	194	28	8708	2038	27055	58381
Oct	1277	43	10	23	18	357	936	529	5580	86	183	4527	1870	106	173	710	33	247	287	10	8777	2142	27593	55517
Nov	794	29	25	16	11	396	861	566	4019	72	113	3652	1237	88	85	764	12	68	108	11	4732	1697	15872	35228
Dec	596	22	12	6	18	400	873	482	3407	35	47	3025	958	102	75	766	10	53	97	6	2417	1393	9968	24768
Light Conditions	1	2	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W	X	Y	Other	Unk	Total
Dawn	269	6	4	1	3	548	836	178	2632	37	46	2030	525	34	72	277	17	53	43	8	1380	778	3878	13655
Unk	414	8			1	14	119	114	667	17	5	626	177	143	3	65	4	171	3	9	1234	51	9441	13286
Night	3621	47	20	32	31	106	436	1325	2398	43	181	4454	815	58	93	1614	104	80	111	10	5255	4045	37415	62294
Daylight	1909	186	91	16	43	4395	7365	1346	48630	249	605	25485	8320	816	846	2716	106	2068	1086	161	28657	9825	84980	229901
Dusk/twilight	358	16	6	1	3	64	229	233	1815	20	42	1457	460	35	40	273	15	94	48	16	1567	960	6113	13865

C-2

Flight Phase	1	2	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W	X	Y	Other	Unk	Total
Approach	1514	6	29	22	19	340	586	1314	11387	38	184	4397	1832	84	95	468	67	1183	126	11	9732	3863	61659	98956
En Route	122	3	5	4	7	72	167	179	3587	17	28	843	214	2	16	64	4	83	18	1	1973	604	14565	22578
Landing	2970	50	16	5	27	171	1071	647	13080	240	164	9339	4040	365	57	1530	76	1944	56	125	14911	4564	50663	106111
Manoeuvring	6					1	10	2	45		3	13	4	1		2		2			18	50	364	521
Post-impact	473		45		4	3915	5655	291	16897	1	233	13669	1804	121	784	2174	21	86	981	15	3252	3644	4532	58597
Standing	49	4			3	13	27	14	259	4	14	174	98	2	2	18	2	12	1	1	172	348	3897	5114
Take-off	1953	50	17	16	23	306	1162	863	13874	206	207	7885	4280	415	56	883	60	1703	76	93	12995	4572	55503	107198
Taxi	267	41	5		7	334	618	43	2097	27	73	1236	215	17	46	113	4	17	16	3	354	853	3759	10145
Tow	2											2	1					1					79	85
Unk	3583	213	20	36	13	67	607	787	5721	94	207	6391	4616	93	63	1322	404	718	101	39	15813	362	23850	65120

Parts Struck	1	2	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W	X	Y	Other	Unk	Total
Radome	352	3	4	0	3	29	125	120	1237	18	26	1069	823	10	15	146	10	434	24	24	3392	1620	16009	25493
Windshield	340	0	3	0	4	37	128	166	1292	12	20	1174	949	9	13	168	4	583	19	18	4111	2258	17551	28859
Nose	419	4	1	0	10	37	101	158	1074	17	36	1124	741	11	16	144	10	458	29	24	4397	886	11663	21360
Engines	240	7	6	10	9	80	332	443	3012	63	62	2198	1307	14	20	249	10	199	27	13	2964	1551	17421	30237
Propeller	54	0	1	1	2	5	62	57	463	30	13	354	175	9	1	19	1	16	3	0	302	87	1153	2808
Wing/Rotor	488	7	9	9	4	76	302	498	2238	63	57	2025	1136	32	27	143	16	277	34	28	4495	1021	15780	28765
Fuselage	200	1	5	1	5	38	178	196	1681	24	33	1359	692	10	20	174	7	379	27	7	3104	998	12934	22073
Landing gear	957	23	3	3	5	29	148	236	1754	67	21	1174	603	9	10	222	11	97	14	6	1290	521	5522	12725
Tail	28	0	2	1	0	10	29	62	169	5	8	102	60	3	1	10	0	14	2	0	218	42	732	1498
Lights	17	2	0	0	0	2	5	39	93	1	1	79	53	2	1	1	0	10	0	1	108	72	501	988
Other	368	13	1	4	11	33	189	194	1611	51	20	1794	1090	11	10	269	4	204	14	4	4002	1567	13593	25057

C-3

Parts Damage	1	2	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W	X	Y	Other	Unk	Total
Radome	13	3	1	0	0	14	30	53	218	2	6	187	80	1	5	21	0	18	6	1	211	127	1532	2529
Windshield	9	0	1	1	0	10	15	37	148	1	1	70	45	1	3	10	0	5	1	0	90	77	833	1358
Nose	13	0	0	0	0	16	11	54	134	1	5	66	38	2	1	11	0	12	2	2	112	38	549	1067
Engines	38	7	3	3	3	37	114	186	929	20	11	682	407	2	7	56	0	16	4	0	282	362	3351	6520
Propeller	23	0	0	0	0	0	17	7	38	7	3	30	19	1	1	2	0	0	0	0	9	10	110	277
Wing/Rotor	58	6	4	5	1	31	71	171	570	16	18	267	111	3	6	23	1	16	5	2	223	184	1894	3686
Fuselage	18	0	1	0	1	5	17	38	153	1	5	86	31	4	4	12	0	7	0	0	84	44	727	1238
Landing gear	78	1	1	1	0	2	12	27	181	5	4	92	55	0	1	9	0	2	0	1	25	59	388	944
Tail	13	0	1	0	0	3	11	17	54	3	4	22	44	0	1	2	0	0	0	0	52	15	184	426
Lights	5	2	1	0	0	1	4	29	112	2	0	68	42	1	1	1	0	4	0	1	48	74	402	798
Other	84	6	0	0	0	10	29	51	312	9	5	439	203	3	2	42	0	12	0	6	301	2646	1667	5827
HEIGHT (FT)	1	2	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W	X	Y	Other	Unk	Total
0 up to 1000	2699	34	29	12	24	2415	4353	934	18741	108	341	13079	3586	496	485	1660	17	551	372	45	13711	2579	42217	108488
1001 up to 2500	77	1	4	3	5	29	36	157	723		17	126	73	2	5	4		61	8	1	560	42	5004	6938
Above 2500	142	2	51	5	26	2448	3031	293	24694	2	284	10795	1536	86	433	1556	65	122	795	8	3565	4340	20708	74987
Speed IAS (KT)	1	2	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W	X	Y	Other	Unk	Total
0 up to 150	1106	2	72	7	38	4730	6956	783	38133	73	519	20608	3716	161	885	2902	69	350	1121	27	10279	6618	44549	143704
151 up to 250	101		10	2	4	79	98	170	2868	3	43	579	249	5	27	75	2	60	35	1	983	316	10301	16011
Above 250	2		2			8	7	2	238		5	50	6		3	5		2	4		53	23	403	813
Pilot Warned	1	2	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W	X	Y	Other	Unk	Total
No	1857	51	44	20	23	2435	4483	1288	20145	188	319	13847	3509	120	554	2050	40	630	407	33	12129	7166	53734	125072
Unk	6284	352	28	70	18	137	1274	1710	9323	193	396	11355	9646	32	138	2012	538	1944	207	51	35417	194	55718	137037
Yes	1357	69	27	13	29	308	886	910	8047	60	161	5798	2941	22	73	843	82	1088	217	59	11820	2702	19169	56681

C-4

Wildlife Seen	1	2	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W	X	Y	Other	Unk	Total
1	3738	104	36	18	27	784	2432	843	17244	215	273	9389	3789	512	164	1848	95	1300	352	100	16370	5535	47368	112536
2 up to 10	586	2	27	5	23	1628	2828	927	18453	99	265	10360	2679	291	364	1297	30	585	479	34	7052	3664	18400	70078
11 up to 100	47	2	11	2	8	1336	1095	231	7274	15	57	5029	919	43	160	272	13	123	131	2	2075	1038	4253	24136
More	9				1	111	83	32	315		17	327	142	14	1	9	1	12	1	2	368	96	741	2282
Unk	3883	228	19	43	17	361	1278	1087	7682	156	237	8346	5770	37	112	1439	470	2177	161	46	21488	505	72134	127676
Wildlife Struck	1	2	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W	X	Y	Other	Unk	Total
1	9925	404	65	88	50	301	2285	2880	24615	434	583	21428	14518	133	180	4058	635	4700	321	162	54426	5467	116666	264324
11 up to 100	368	6	1	11	5	37	230	781	1013	99	41	3271	2039	58	15	99	27	650	10	53	6400	1055	9692	25961
2 up to 10	6					5	13	13	12	3	1	177	289	9				8			284	67	345	1232
More	4							1	6			7	4			2	1	1			23	27	78	154
Unk	522	27	13	7	10	1111	2162	215	8202	46	126	5229	907	44	310	660		130	213	9	3251	1425	42766	67385

ATTACHMENT D to EB 2026/8

LIST OF WILDLIFE SPECIES FOR THE YEARS 2016-2024

2016-2024 CODE	SCIENTIFIC NAME	ENGLISH NAME	NUMBER OF CASES
1	MAMMALIA	MAMMALS	14023
2	REPTILIA	REPTILE	600
C	APTERYGIFORMES	KIWI	143
F	PODICIPEDIFORMES	GREBE	112
G	PROCELLARIIFORMES	ALBATROSS, SHEARWATERS, PETREL	111
H	PELECANIFORMES	PELICANS, CORMORANTS, BOOBIES	5254
I	CICONIIFORMES	HERON, STORK, IBIS, FLAMINGO	10404
J	ANSERIFORMES	DUCKS, GEESE, SWANS	4704
K	FALCONIFORMES	HAWKS, EAGLES, VULTURES	70701
L	GALLIFORMES	CHICKEN-LIKE BIRDS	671
M	GRUIFORMES	CRANES, RAILS	1273
N	CHARADRIIFORMES	SHORE BIRDS	48430
O	COLUMBIFORMES	PIGEONS, GROUSE	21418
P	PSITTACIFORMES	PARROT, MACAW, PARAKEET, LORIE	1143

2016-2024 CODE	SCIENTIFIC NAME	ENGLISH NAME	NUMBER OF CASES
Q	CUCULIFORMES	CUCKOOS	1172
R	STRIGIFORMES	OWLS	7485
S	CAPRIMULGIFORMES	GOATSUCKER, NIGHTJAR, FROGMOUTH	732
T	APODIFORMES	SWIFT, TREE-SWIFT, HUMMINGBIRD	6159
W	CORACIIFORMES	KINGFISHERS, MOTMOTS, HORNBILL	1478
X	PICIFORMES	WOODPECKERS, TOUCANS, BARBETS	299
Y	PASSERIFORMES	PERCHING BIRDS	73730

ATTACHMENT E to EB 2026/8

SUMMARY OF WILDLIFE STRIKES BY ICAO REGION FOR THE YEARS 2016-2024

1. ASIA AND PACIFIC (APAC)

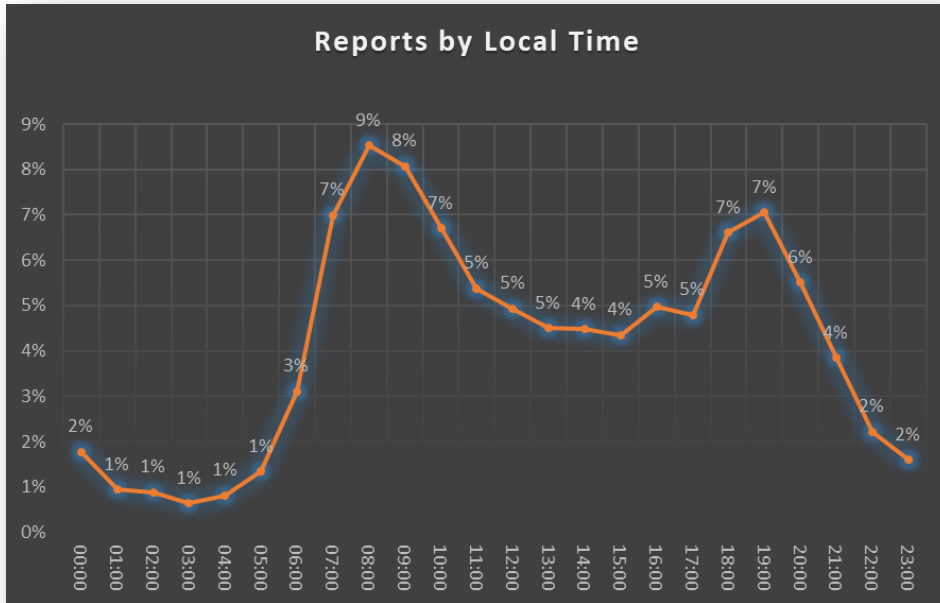


Chart E-1. Wildlife strikes reported by local time in the APAC region

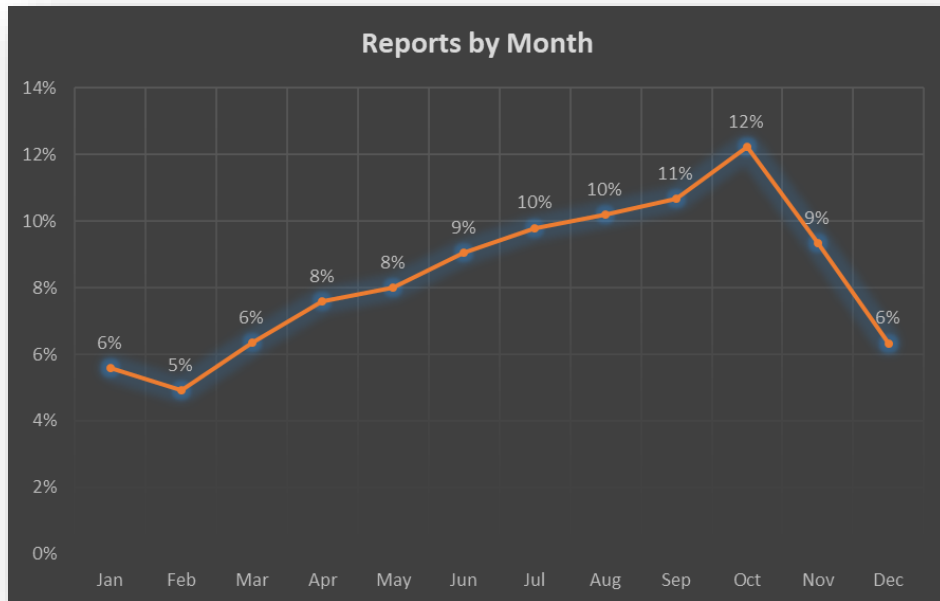


Chart E-2. Wildlife strikes reported by month in the APAC region

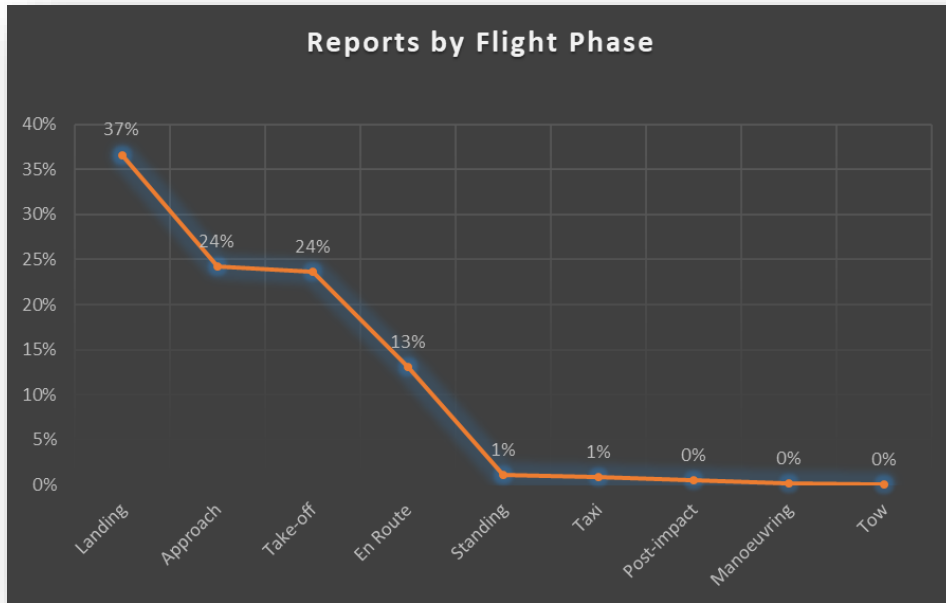


Chart E-3. Wildlife strikes reported by flight phase in the APAC region

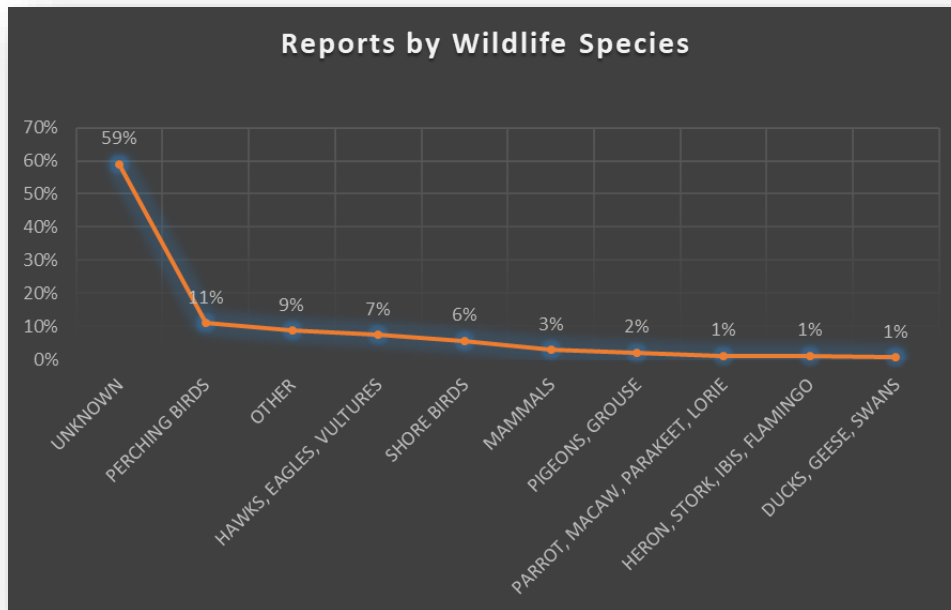


Chart E-4. Wildlife strikes reported by wildlife species in the APAC region

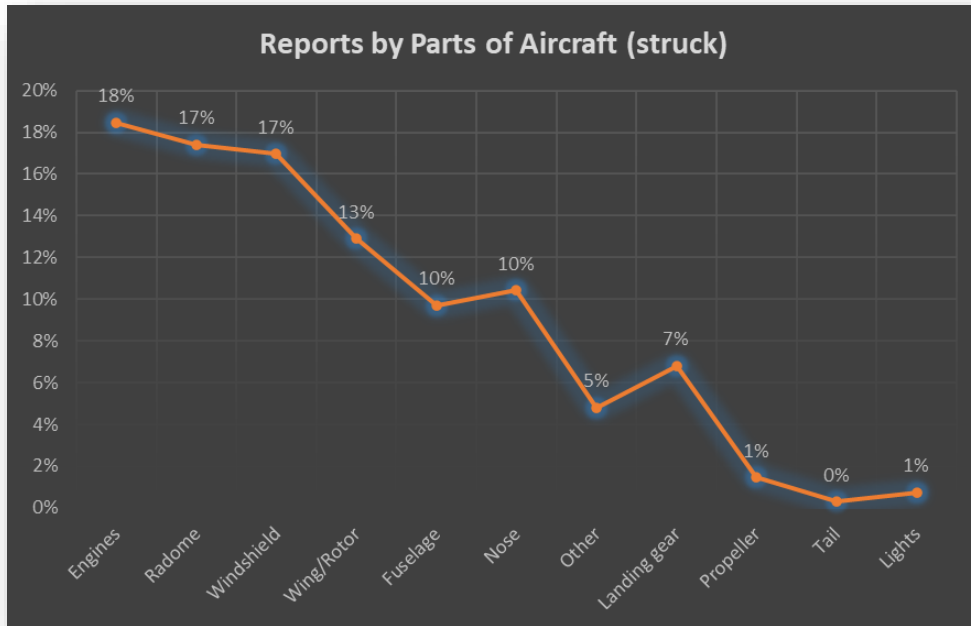


Chart E-5. Wildlife strikes reported by parts of aircraft (struck) in the APAC region

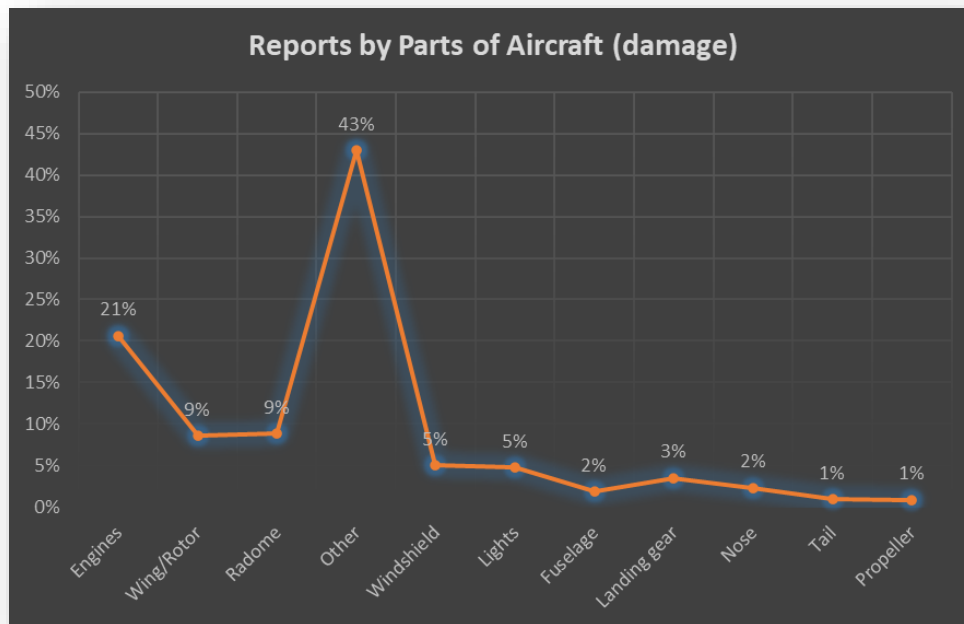


Chart E-6. Wildlife strikes reported by parts of aircraft (damage) in the APAC region

2. EASTERN AND SOUTHERN AFRICA (ESAF)

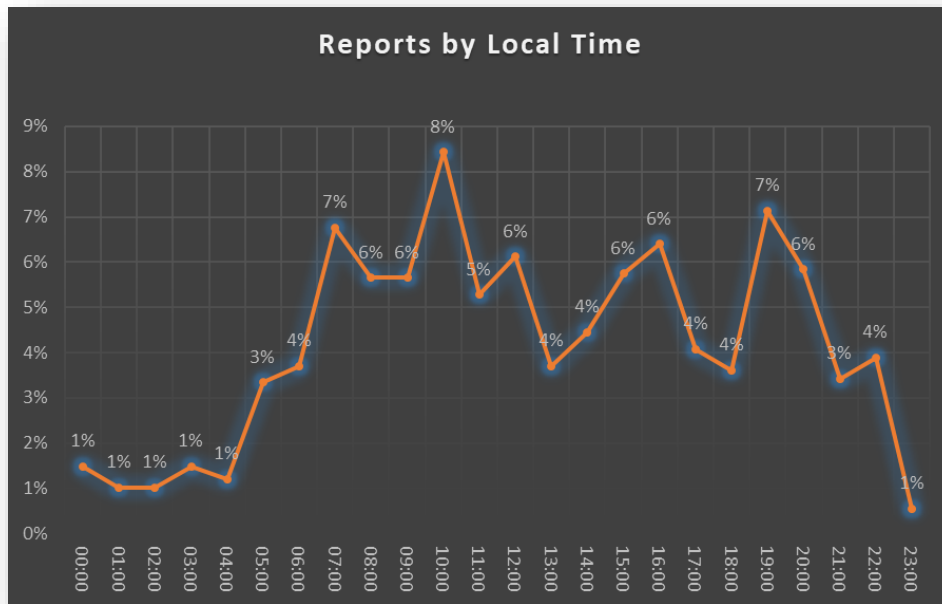


Chart E-7. Wildlife strikes reported by local time in the ESAF region

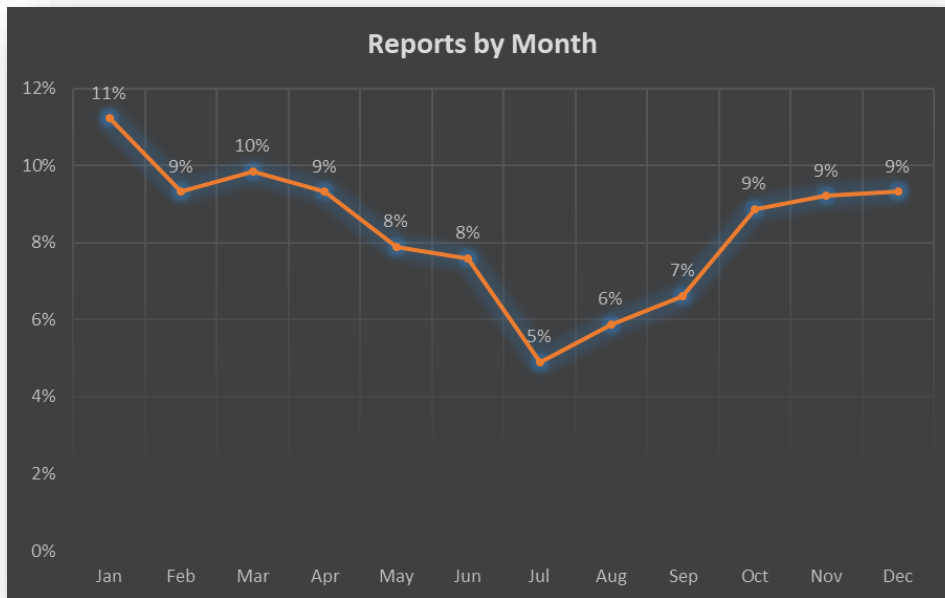


Chart E-8. Wildlife strikes reported by month in the ESAF region

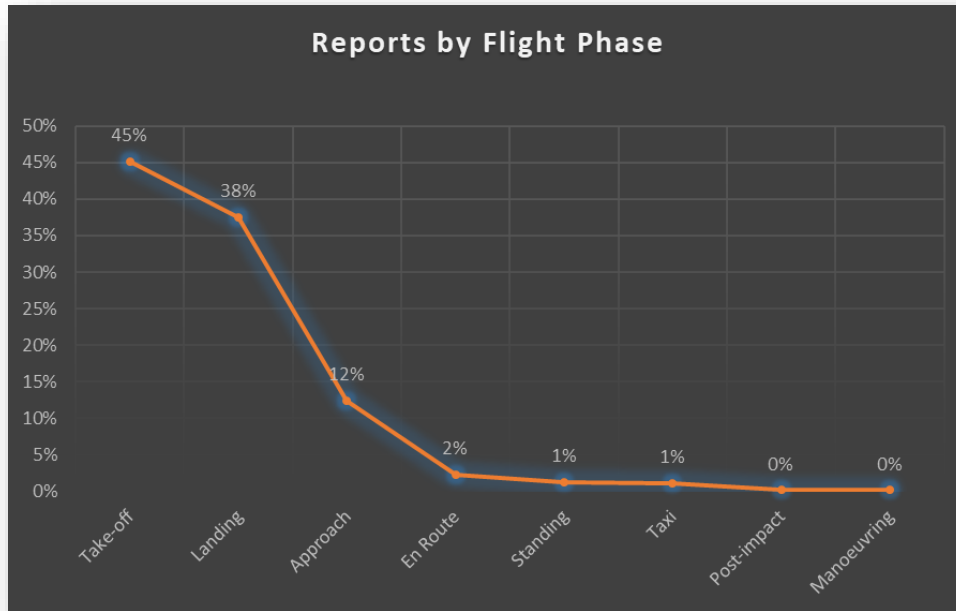


Chart E-9. Wildlife strikes reported by flight phase in the ESAF region

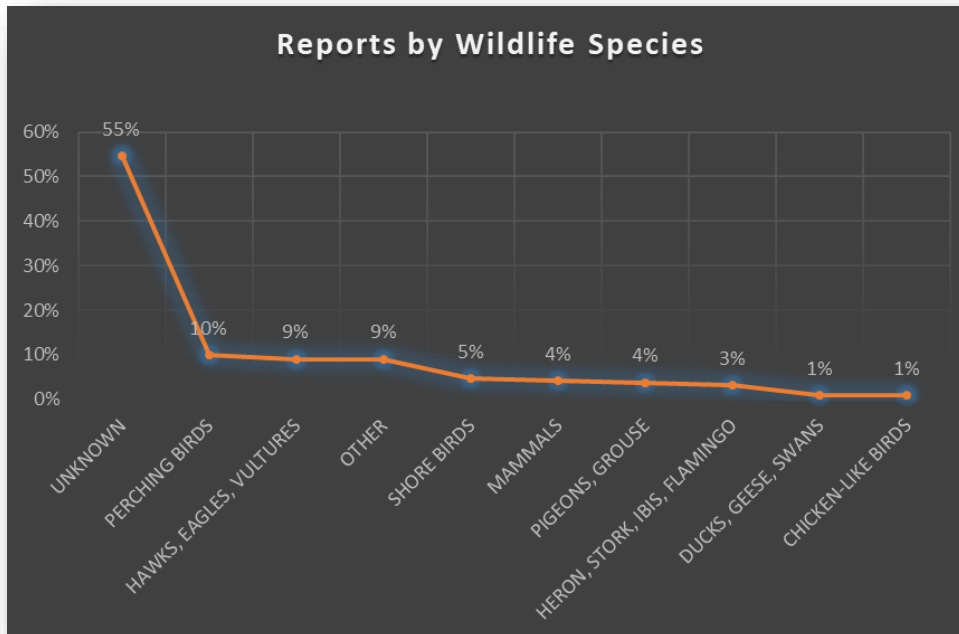


Chart E-10. Wildlife strikes reported by wildlife species in the ESAF region

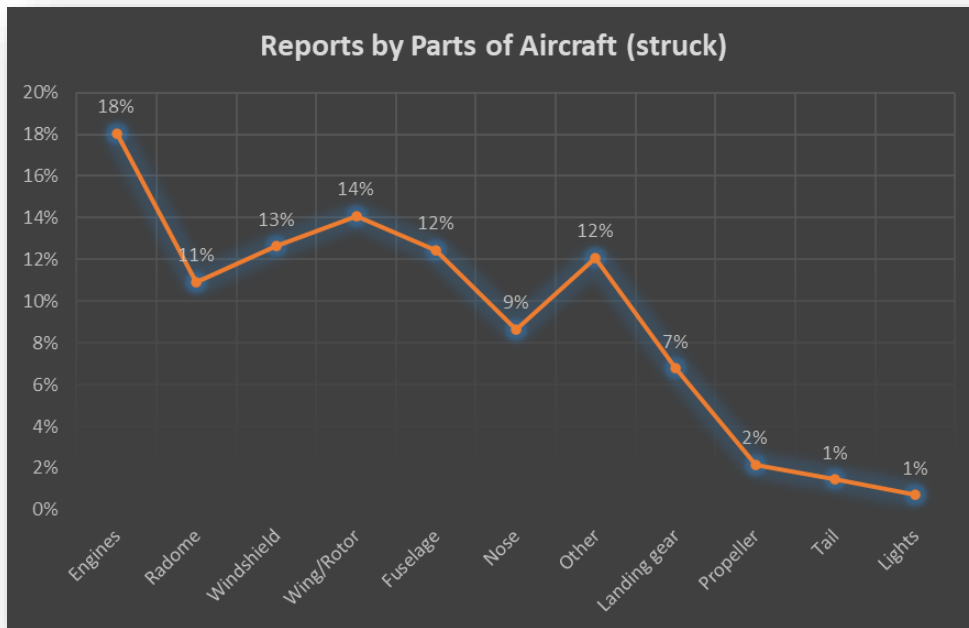


Chart E-11. Wildlife strikes reported by parts of aircraft (struck) in the ESAF region

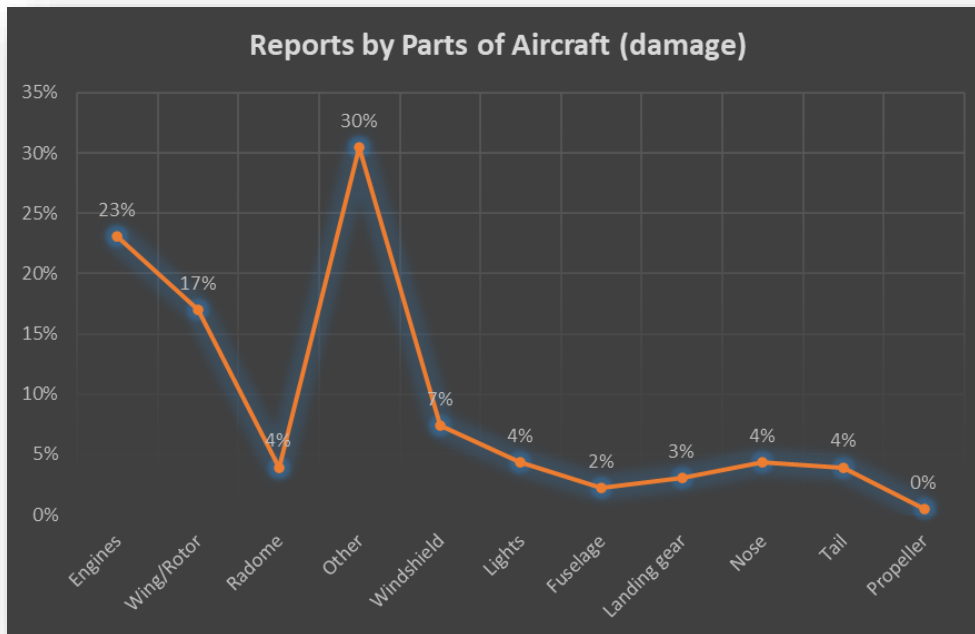


Chart E-12. Wildlife strikes reported by parts of aircraft (damage) in the ESAF region

3. EUROPEAN AND NORTH ATLANTIC (EUR/NAT)

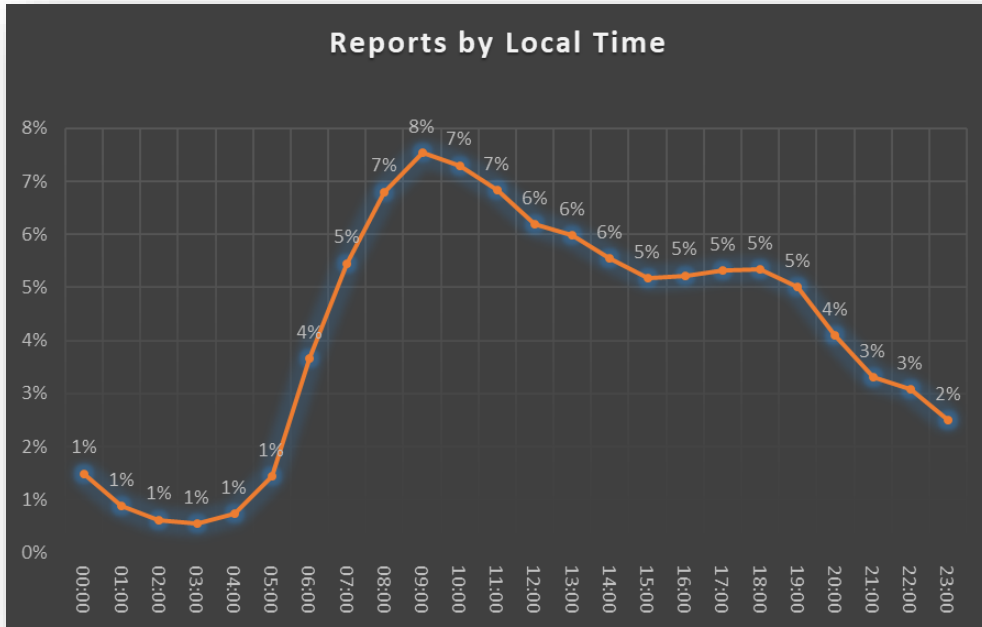


Chart E-13. Wildlife strikes reported by local time in the EUR/NAT region

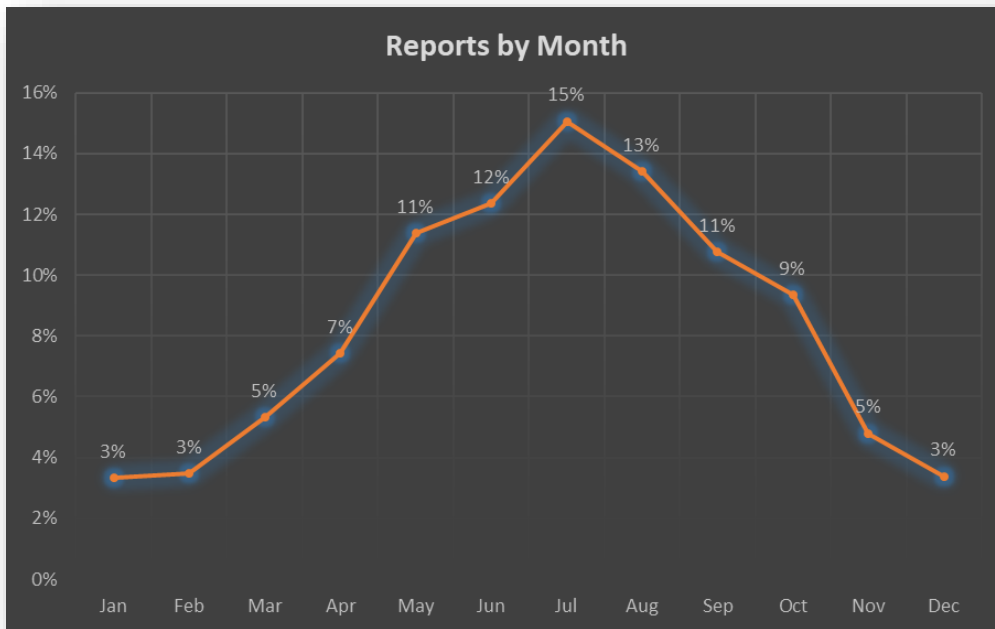


Chart E-14. Wildlife strikes reported by month in the EUR/NAT region

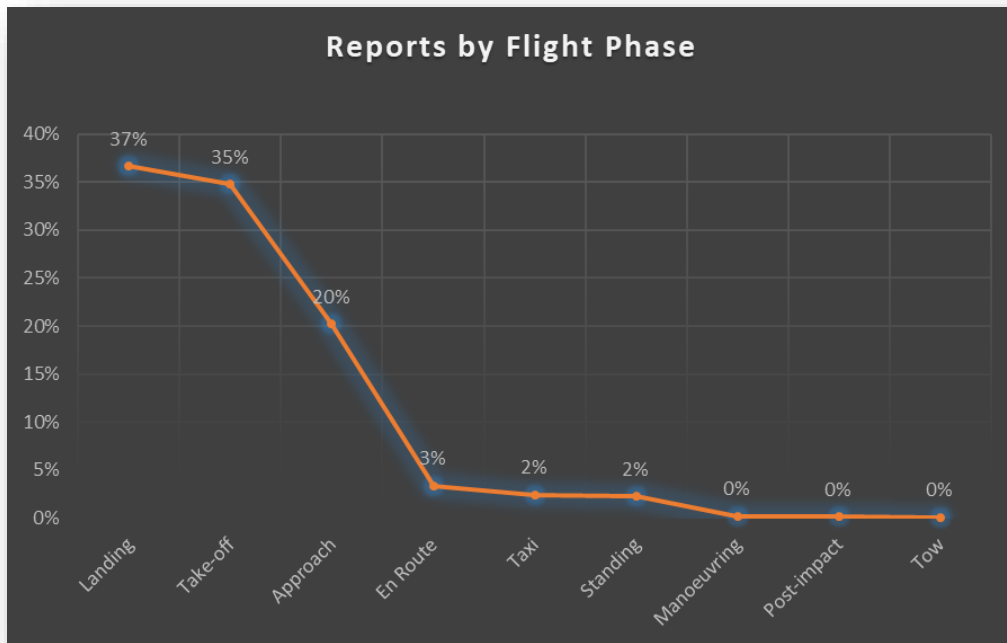


Chart E-15. Wildlife strikes reported by flight phase in the EUR/NAT region

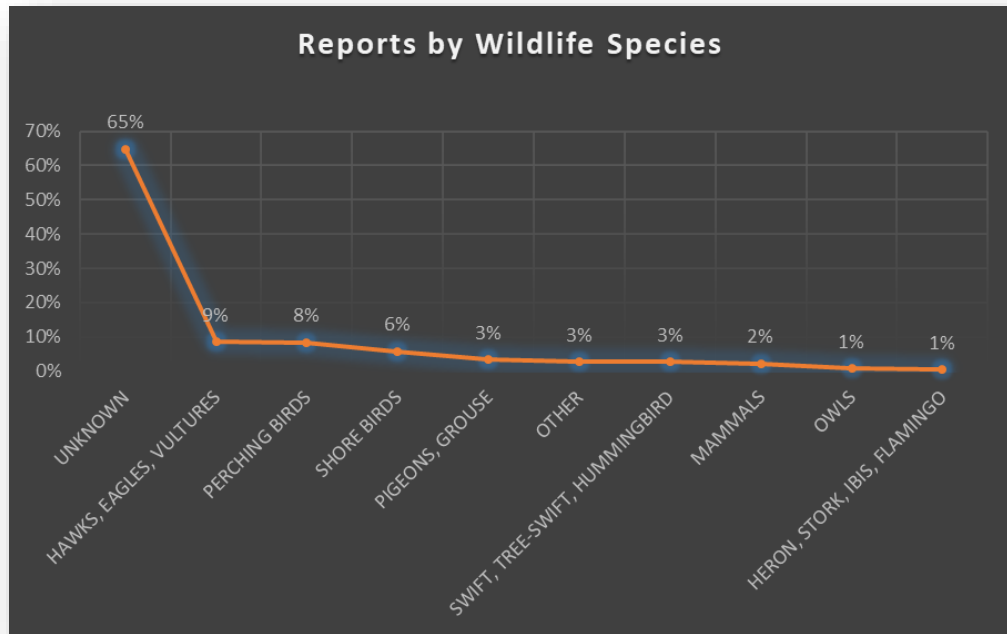


Chart E-16. Wildlife strikes reported by wildlife species in the EUR/NAT region

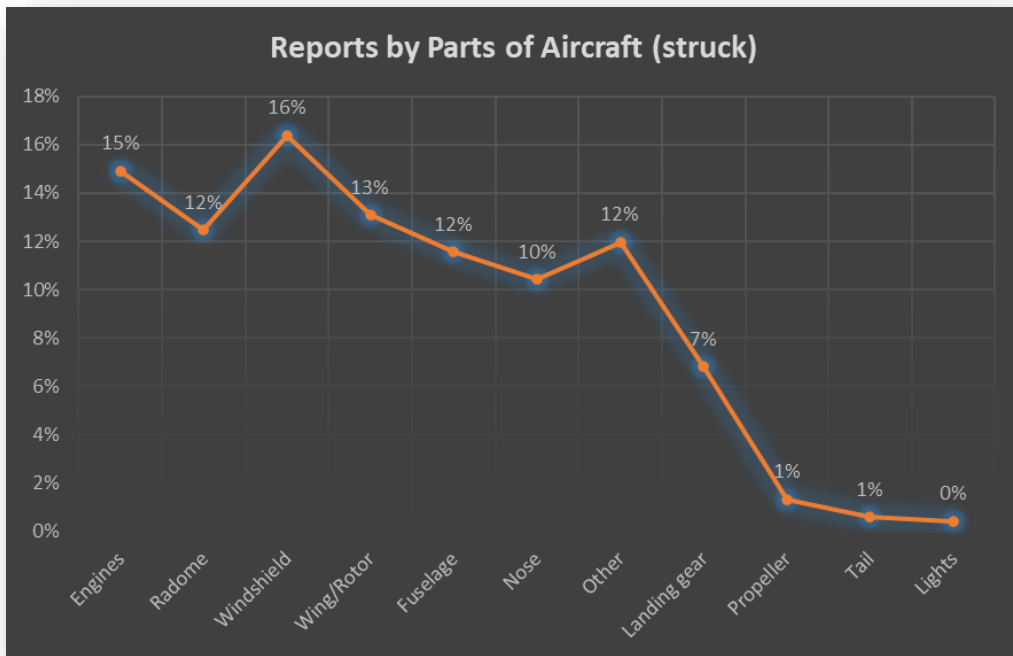


Chart E-17. Wildlife strikes reported by parts of aircraft (struck) in the EUR/NAT region

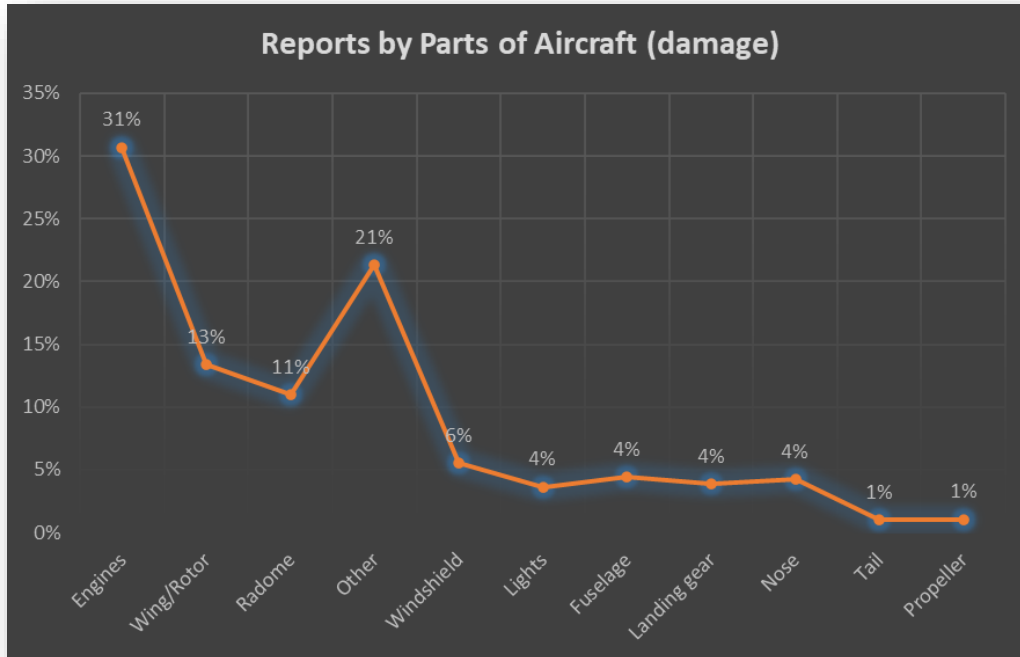


Chart E-18. Wildlife strikes reported by parts of aircraft (damage) in the EUR/NAT region

4. MIDDLE EAST (MID)

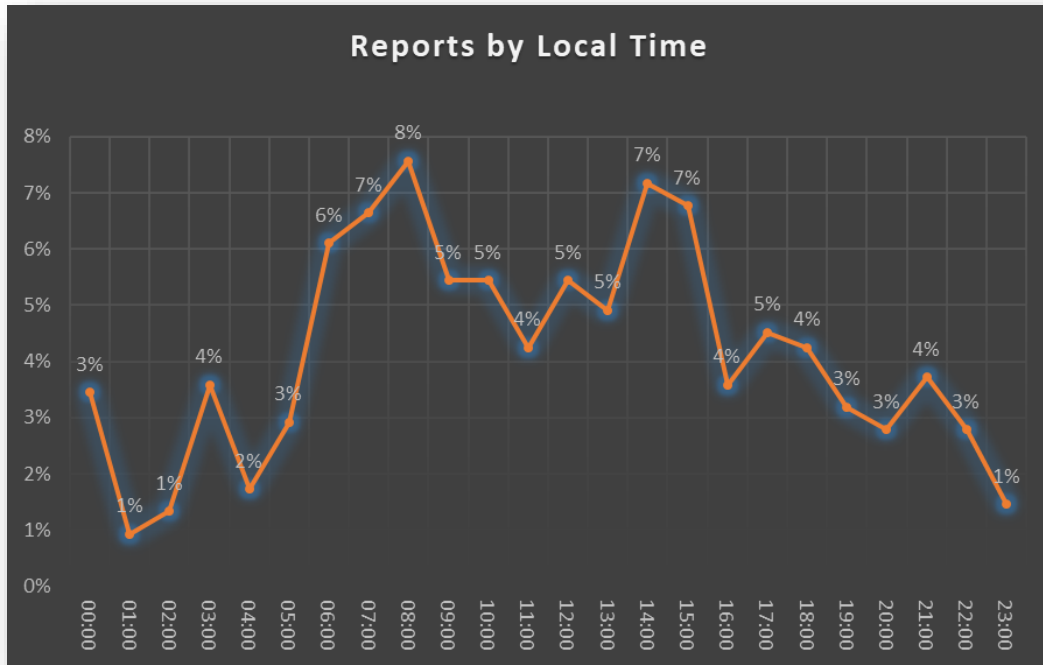


Chart E-19. Wildlife strikes reported by local time in the MID region

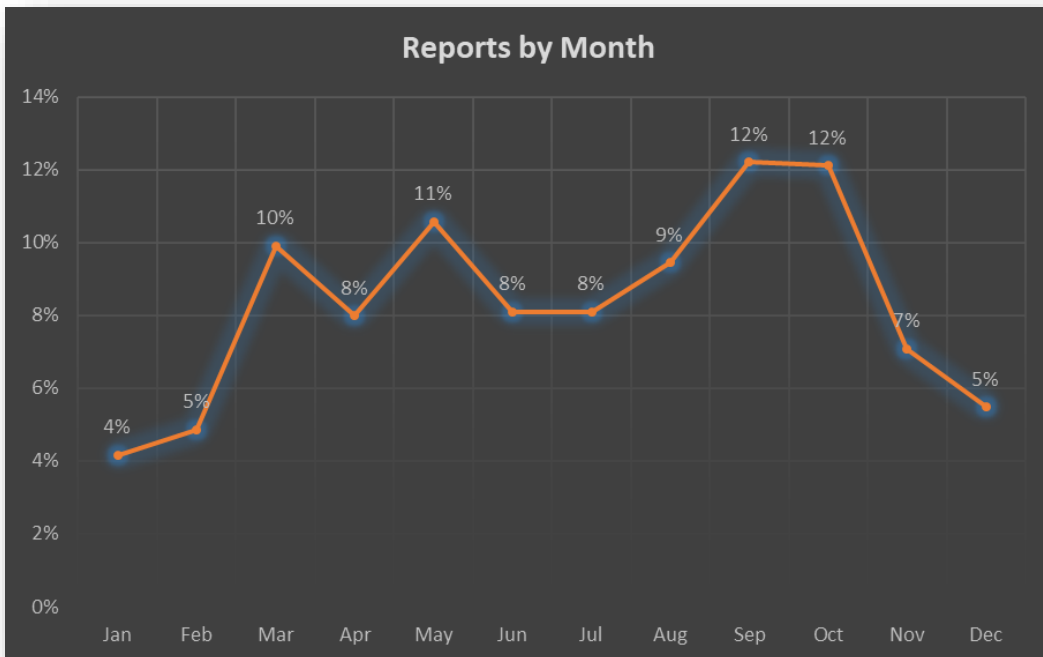


Chart E-20. Wildlife strikes reported by month in the MID region

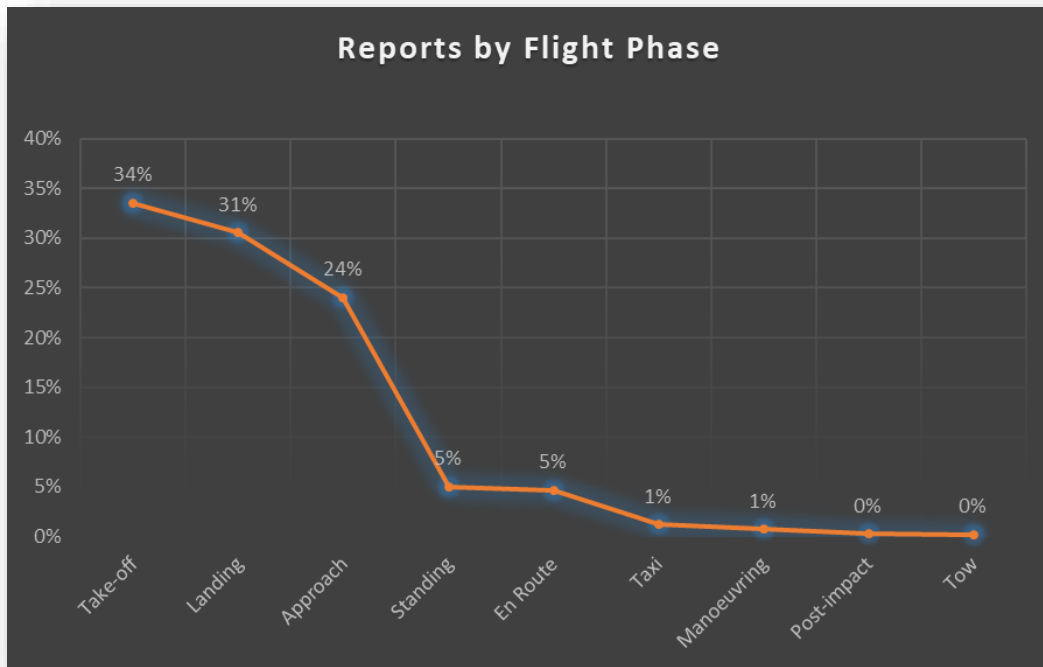


Chart E-21. Wildlife strikes reported by flight phase in the MID region

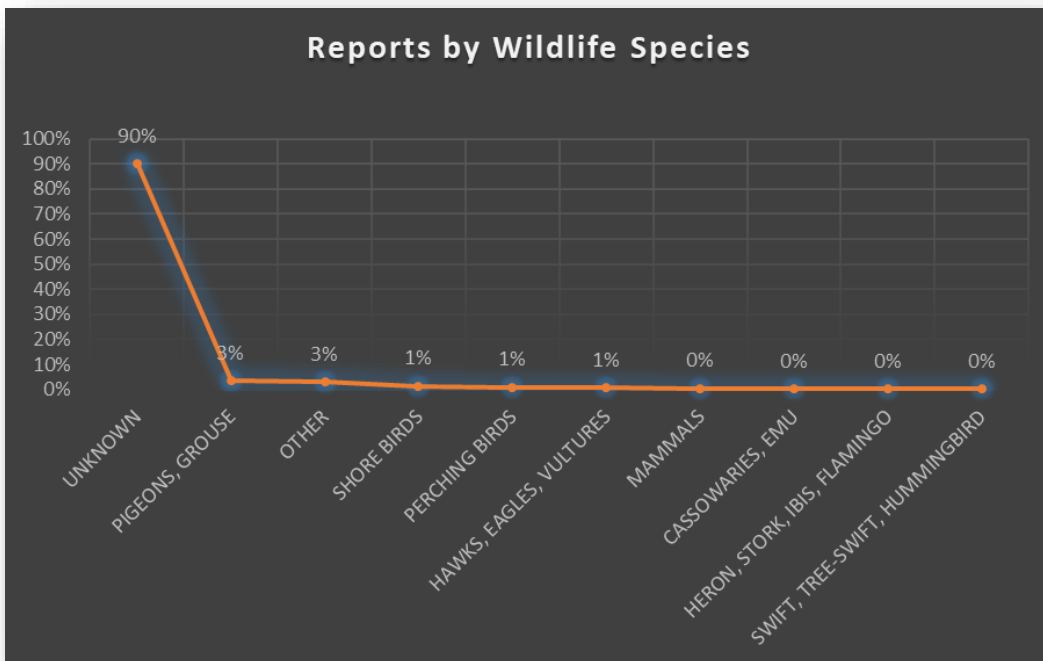


Chart E-22. Wildlife strikes reported by wildlife species in the MID region

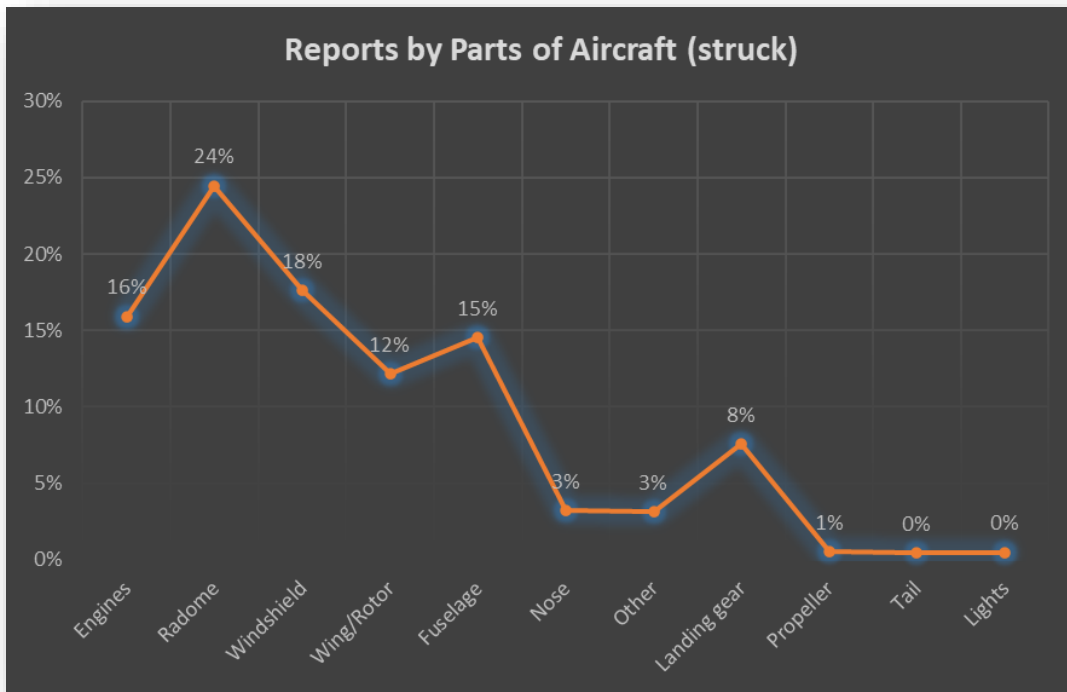


Chart E-23. Wildlife strikes reported by parts of aircraft (struck) in the MID region

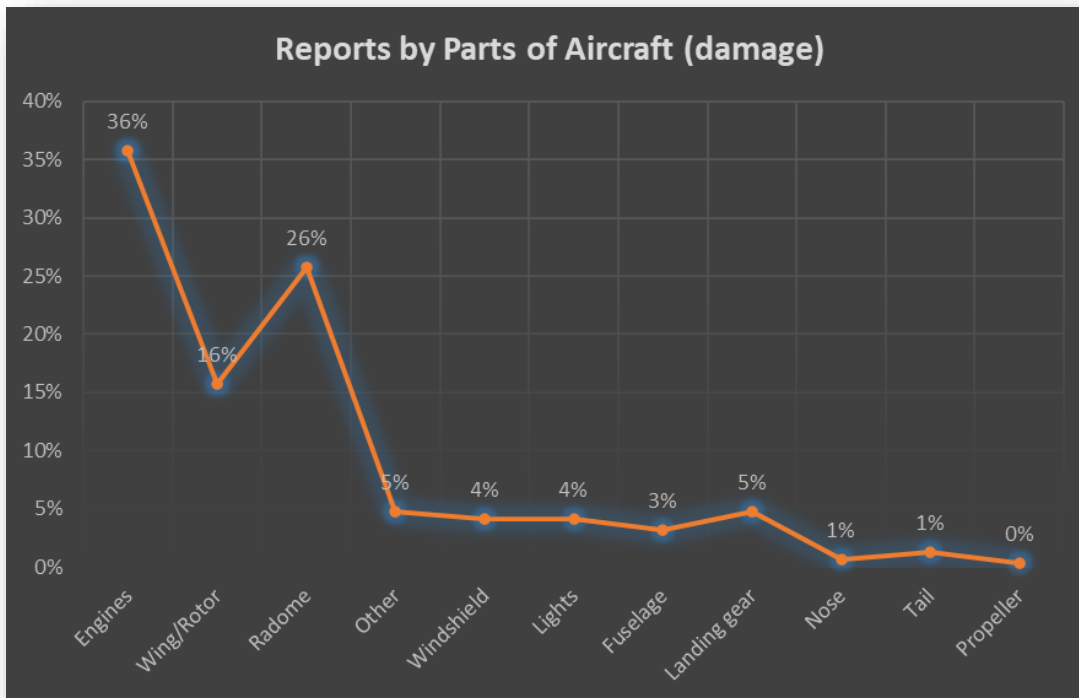


Chart E-24. Wildlife strikes reported by parts of aircraft (damage) in the MID region

5. NORTH AMERICAN, CENTRAL AMERICAN AND CARIBBEAN (NACC)

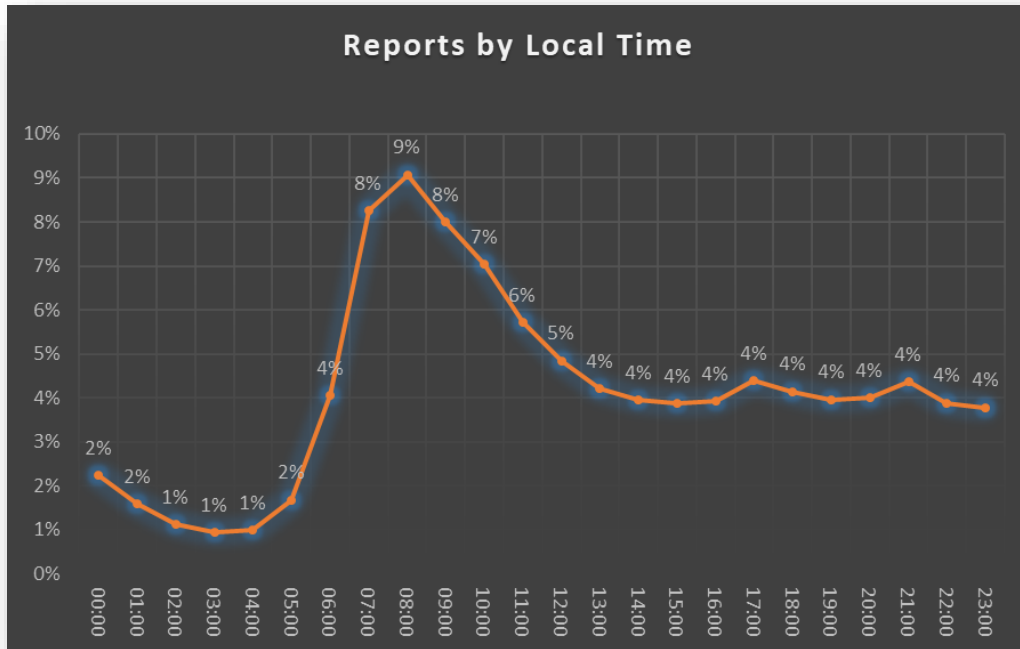


Chart E-25. Wildlife strikes reported by local time in the NACC region

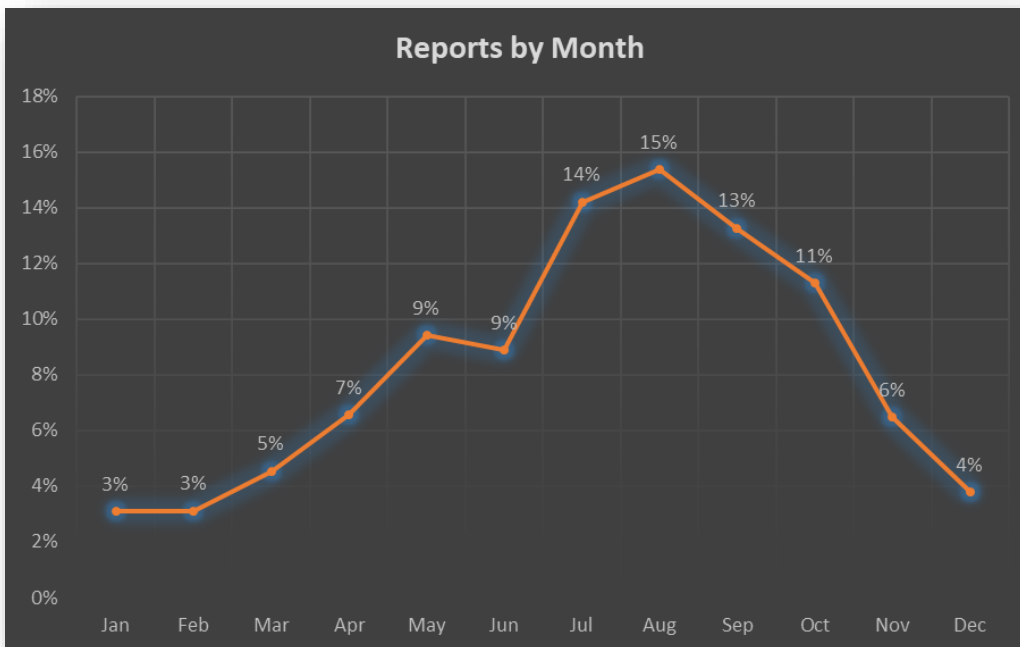


Chart E-26. Wildlife strikes reported by month in the NACC region

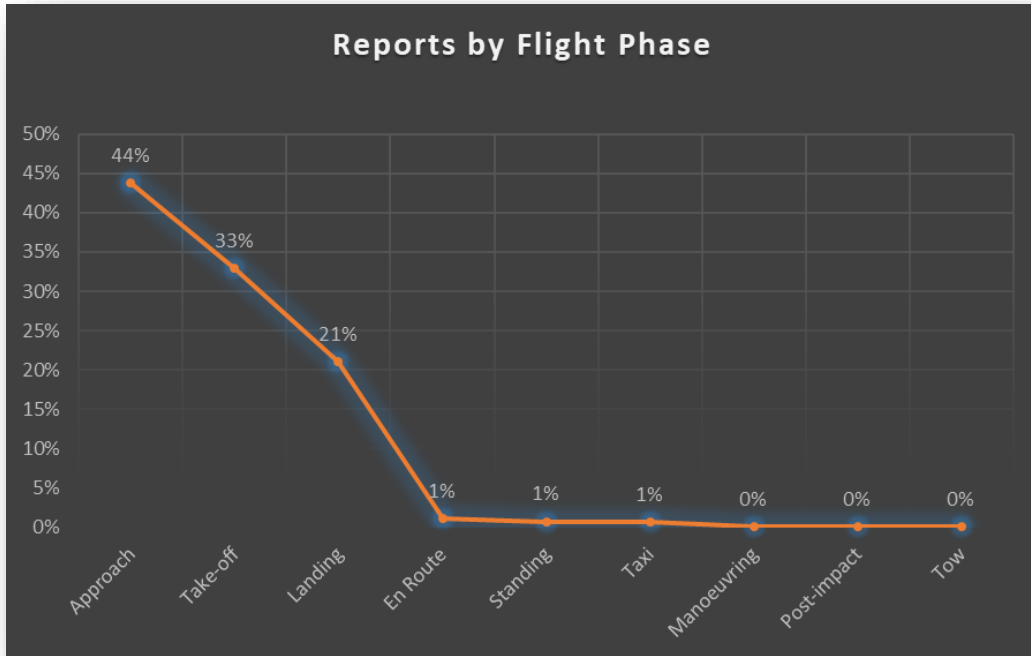


Chart E-27. Wildlife strikes reported by flight phase in the NACC region

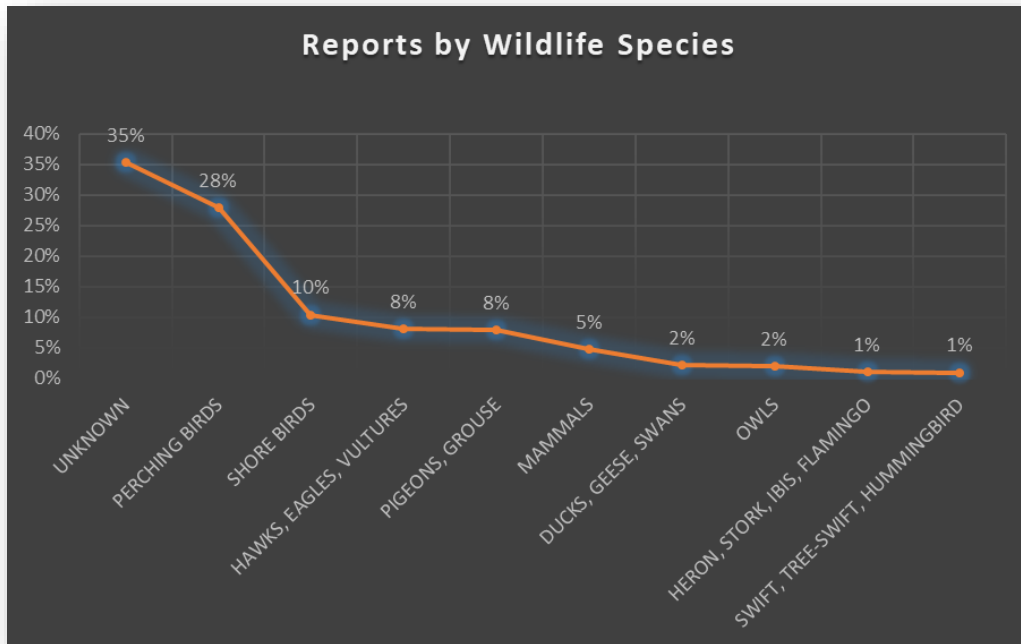


Chart E-28. Wildlife strikes reported by wildlife species in the NACC region

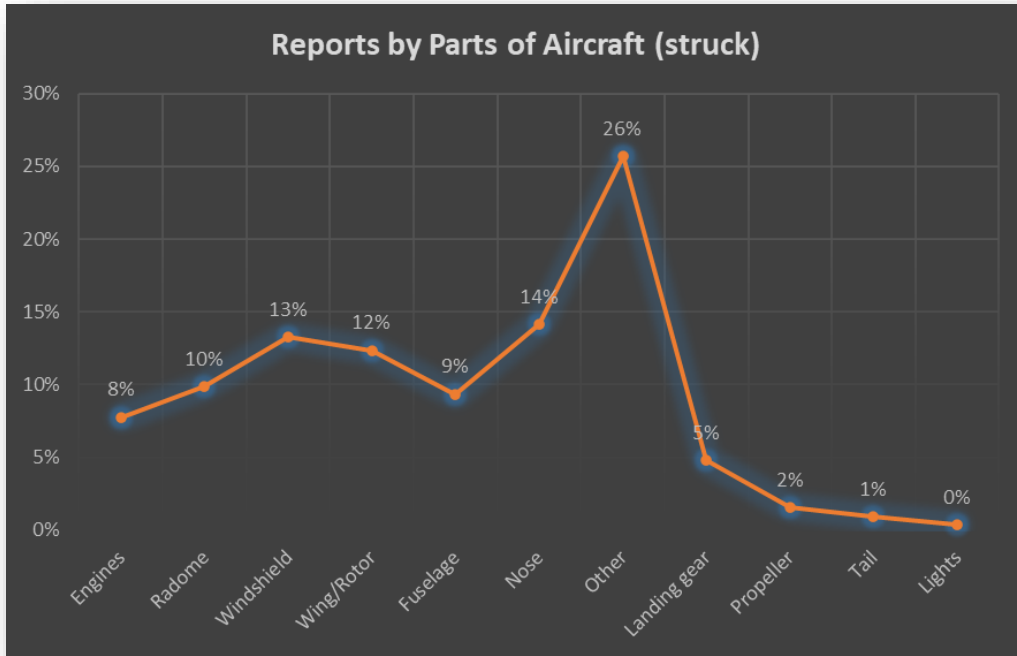


Chart E-29. Wildlife strikes reported by parts of aircraft (struck) in the NACC region

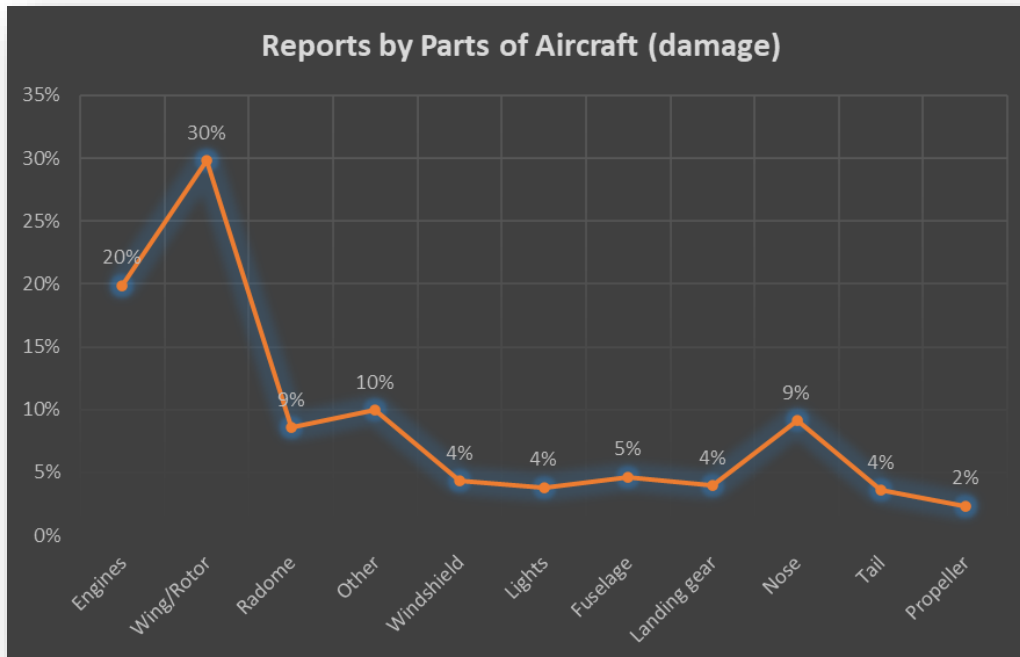


Chart E-30. Wildlife strikes reported by parts of aircraft (damage) in the NACC region

6. SOUTH AMERICAN (SAM)

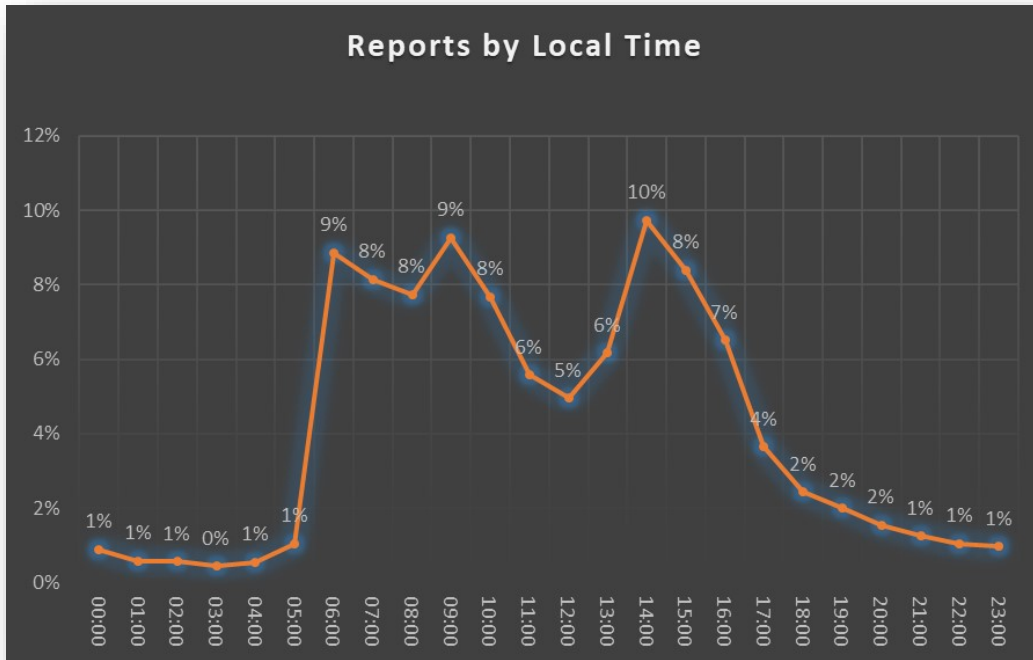


Chart E-31. Wildlife strikes reported by local time in the SAM region

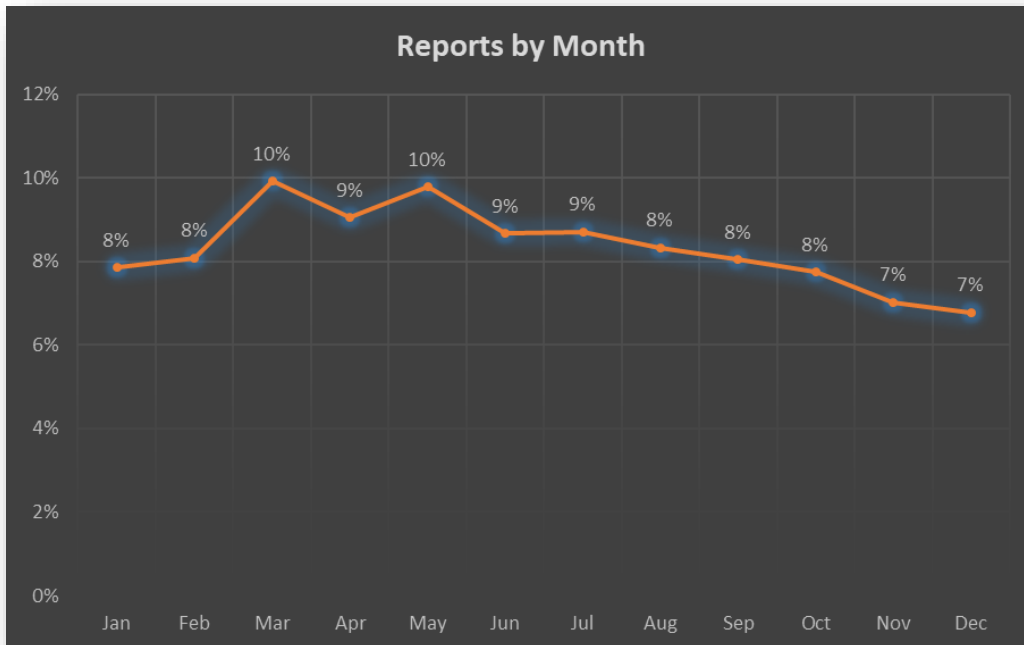


Chart E-32. Wildlife strikes reported by month in the SAM region

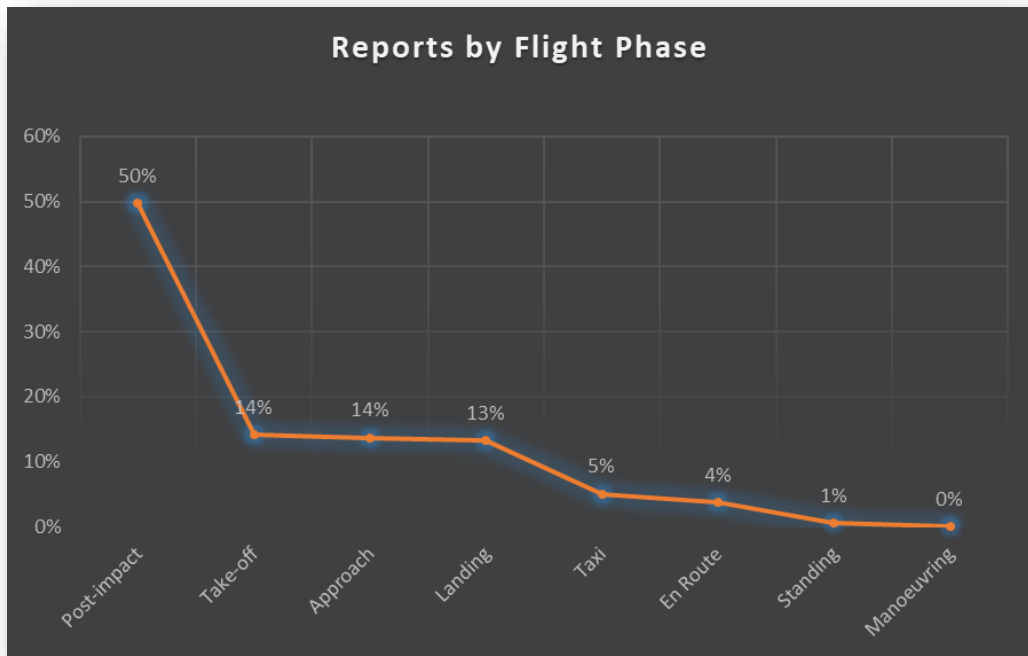


Chart E-33. Wildlife strikes reported by flight phase in the SAM region

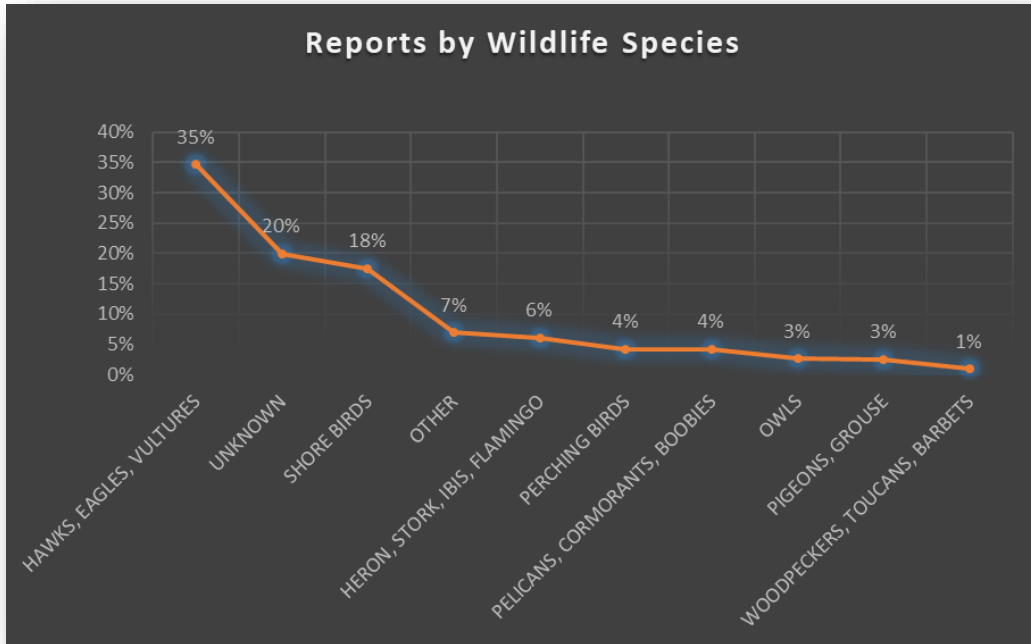


Chart E-34. Wildlife strikes reported by wildlife species in the SAM region

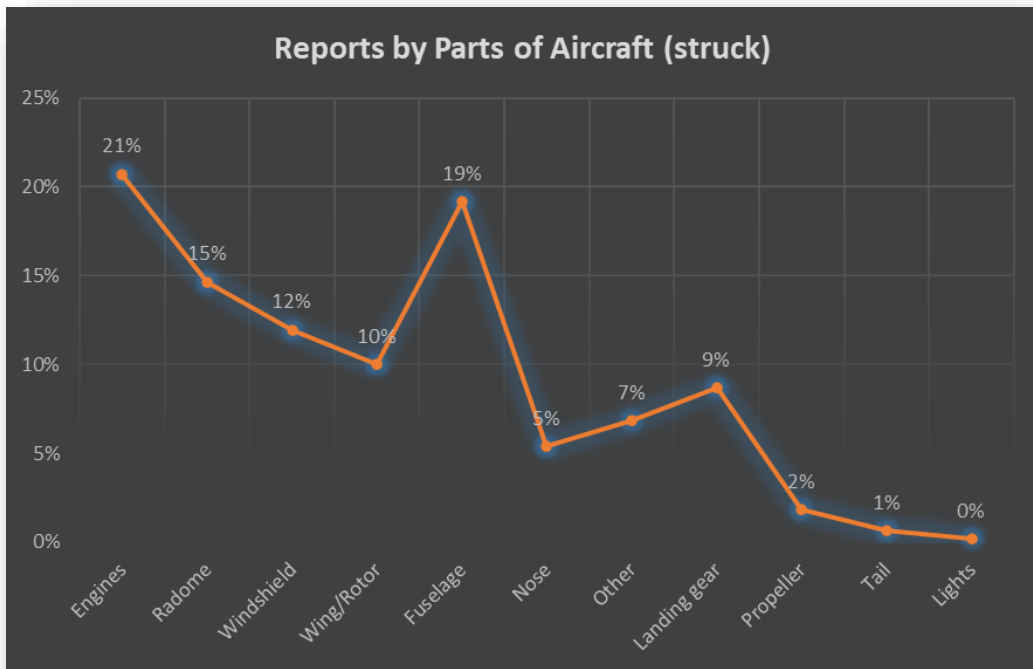


Chart E-35. Wildlife strikes reported by parts pf aircraft (struck) in the SAM region

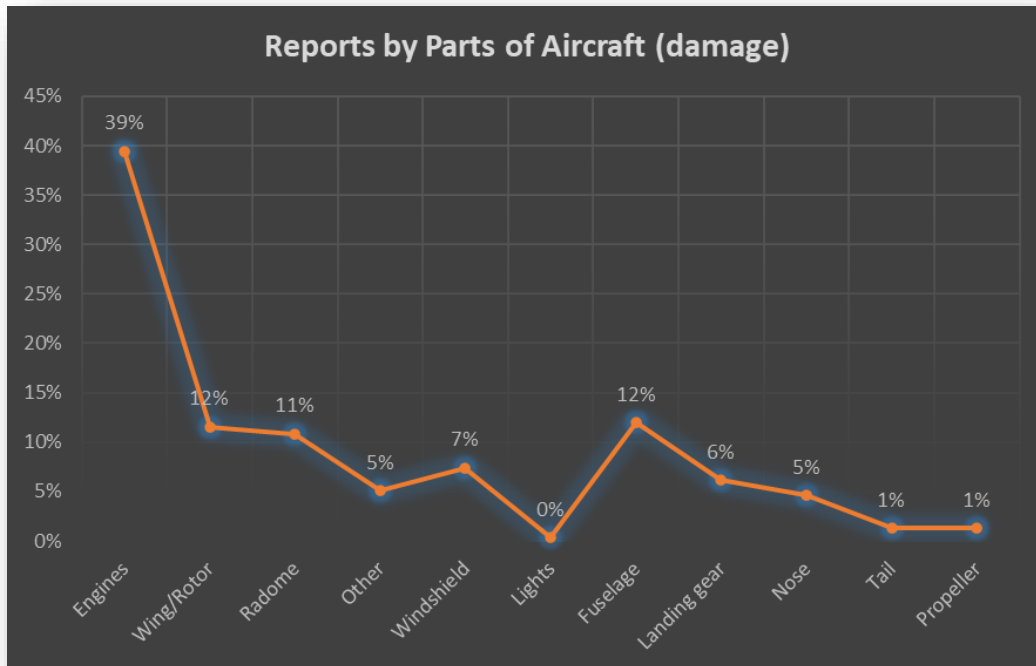


Chart E-36. Wildlife strikes reported by parts pf aircraft (damage) in the SAM region

7. WESTERN AND CENTRAL AFRICA (WACAF)

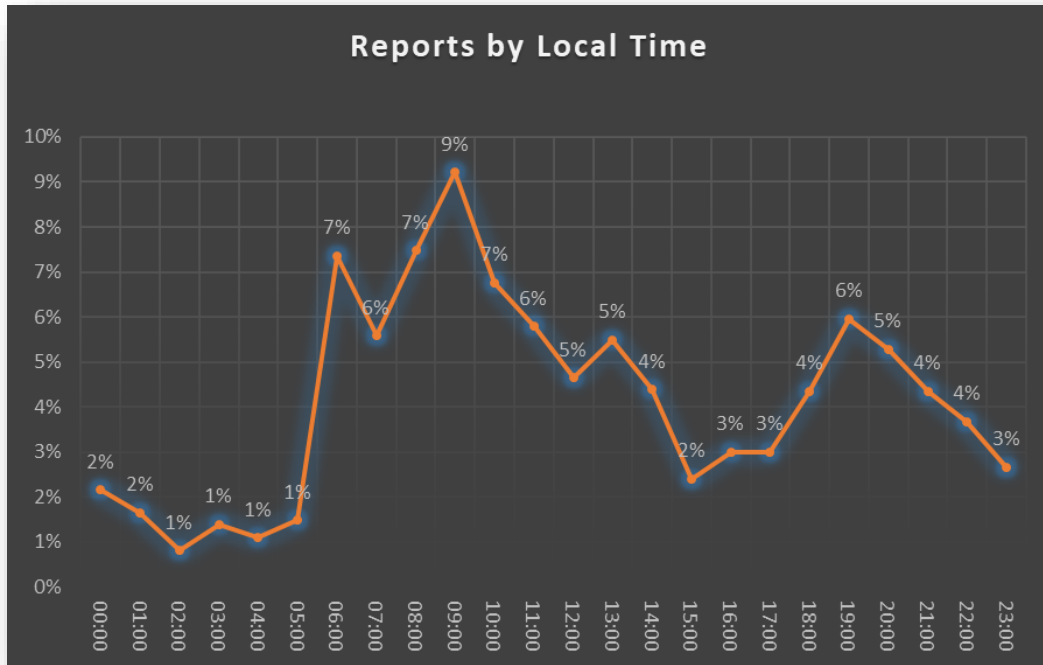


Chart E-37. Wildlife strikes reported by local time in the WACAF region

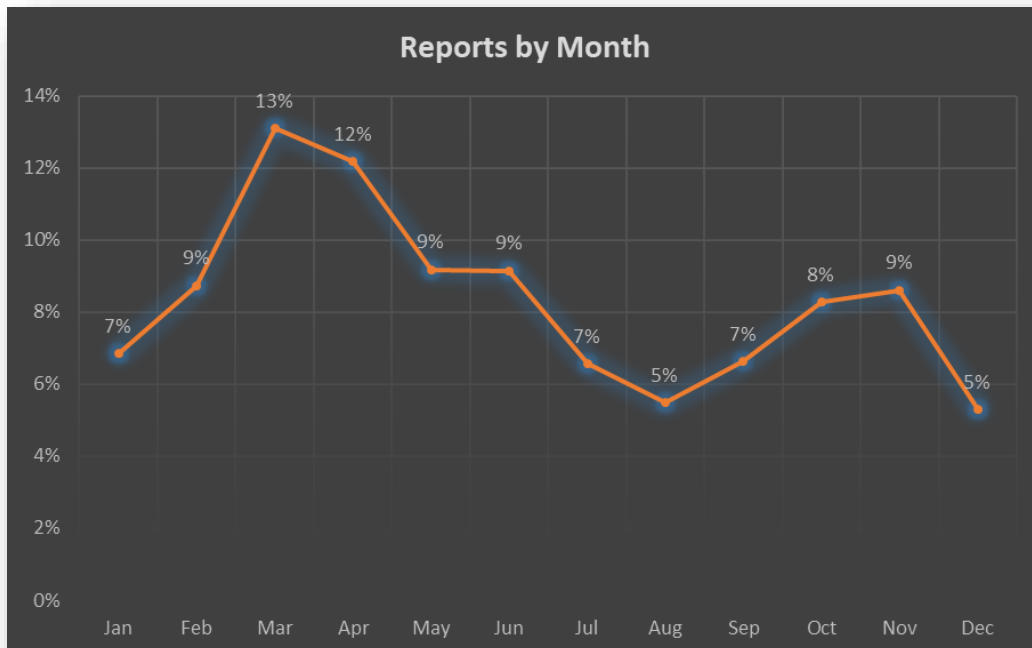


Chart E-38. Wildlife strikes reported by month in the WACAF region

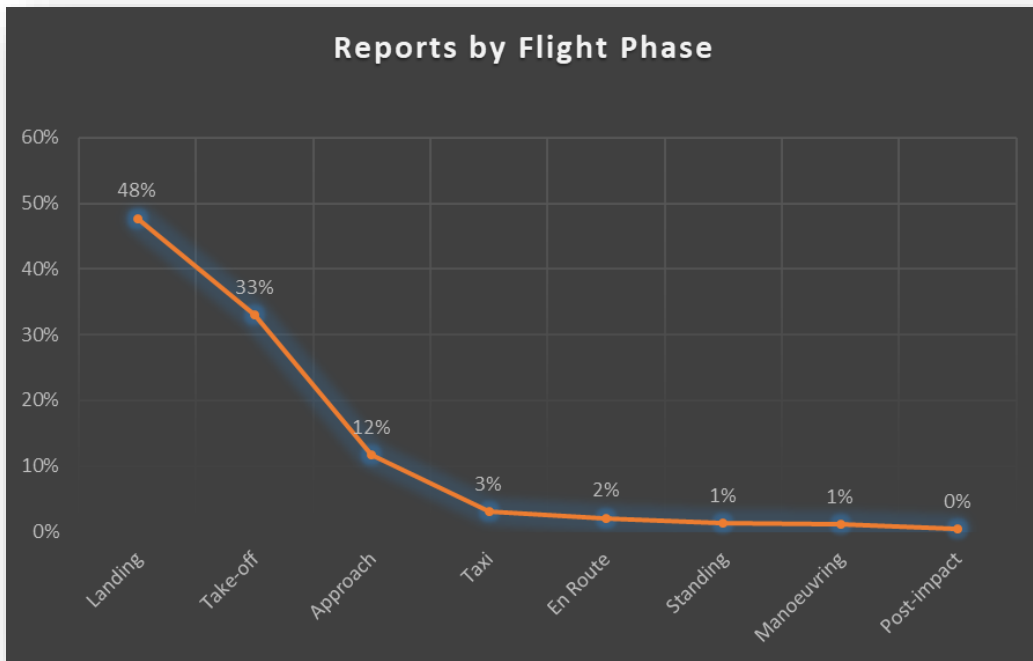


Chart E-39. Wildlife strikes reported by flight phase in the WACAF region

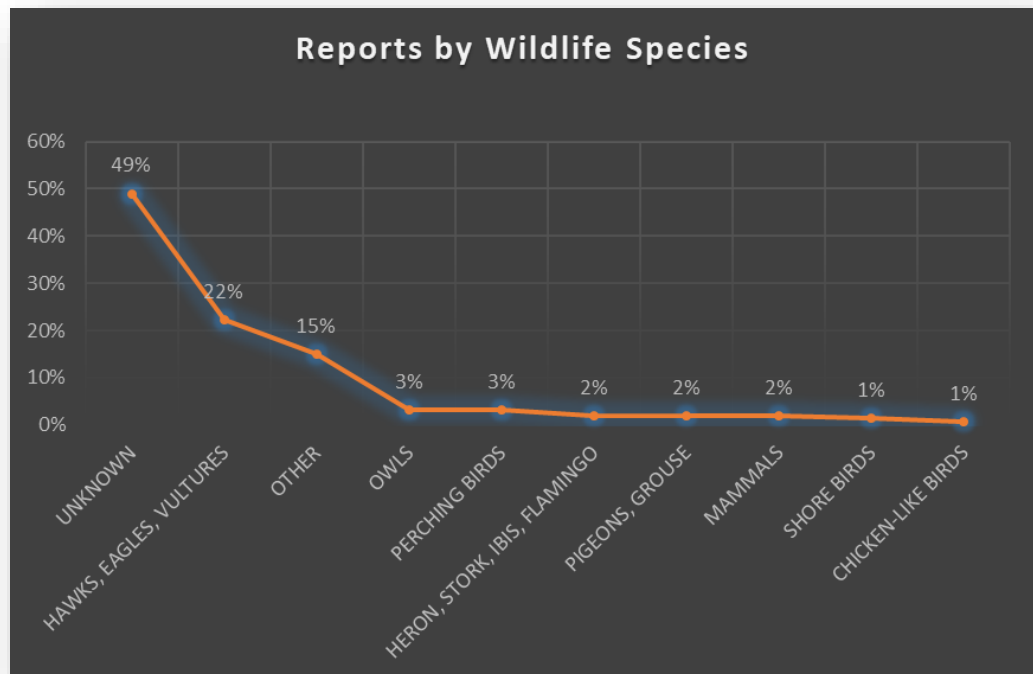


Chart E-40. Wildlife strikes reported by wildlife species in the WACAF region

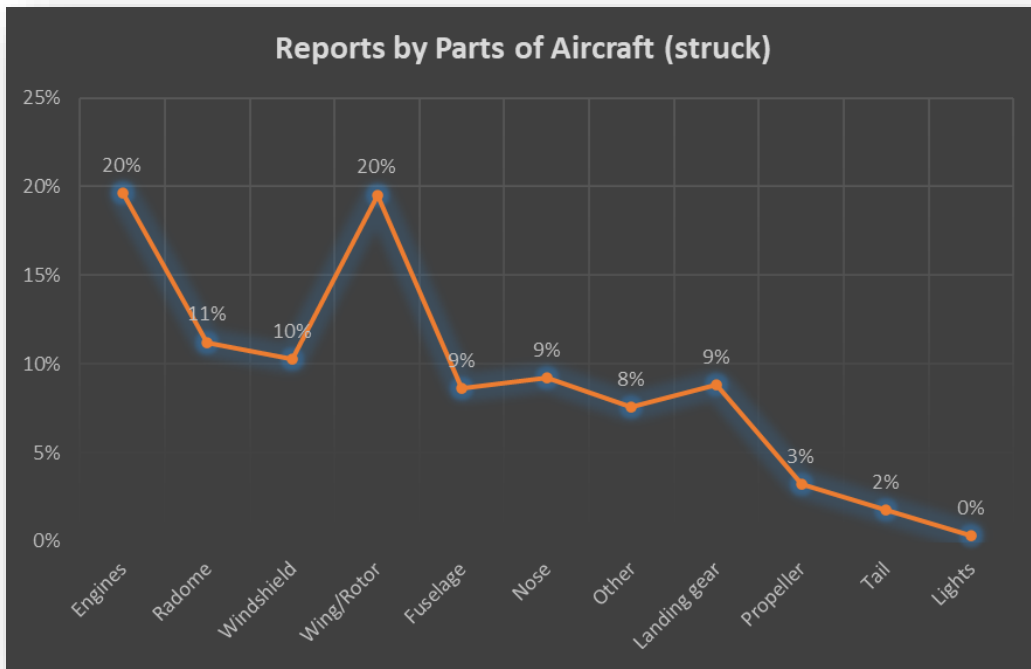


Chart E-41. Wildlife strikes reported by parts of aircraft (struck) in the WACAF region

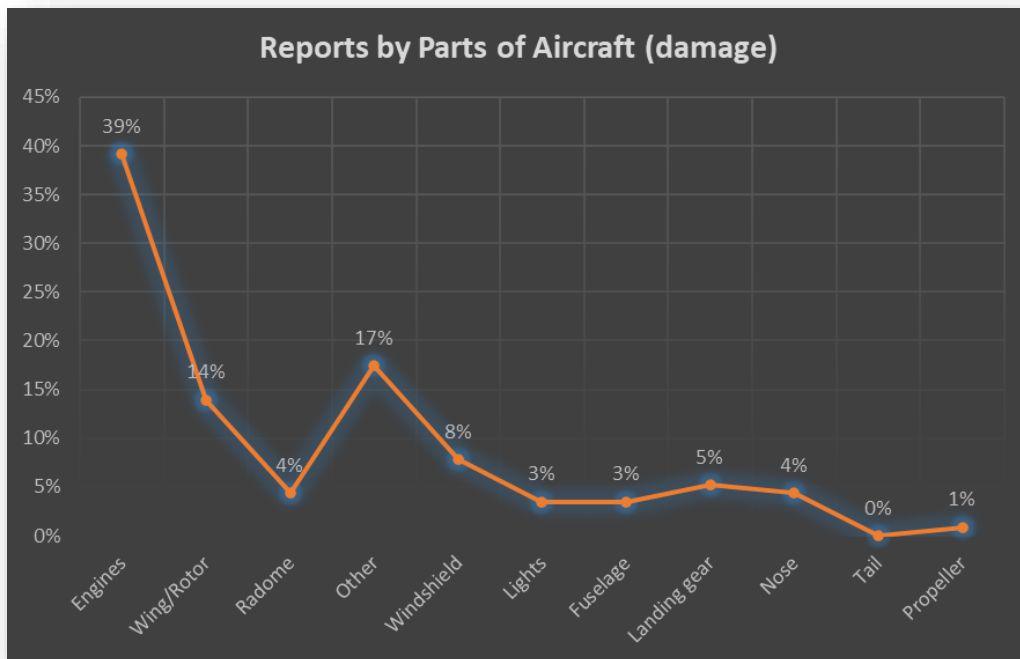


Chart E-42. Wildlife strikes reported by parts of aircraft (damage) in the WACAF region