

ENR 5.6 BIRD MIGRATION AND AREAS WITH SENSITIVE FAUNA

1. Bird migration

1.1 As a result from Israel located at an intercontinental junction, many bird species and in great numbers pass annually across the country in high densities. This makes Israel one of the largest and most densely populated migration crossroads in the world.

Bird migration spreads over the whole year, but mainly from late August to mid November (autumn migration) and from early March to end of May (spring migration). It is estimated that several hundreds of millions of birds fly over Israel each year. Many of them fly in large dense flocks.

Most bird species fly, during migration, below 600 meters (2000 f) while other flocks fly below 1000 m (3300 f).

1.2 Autumn migration

The main migration path over Israel starts from Europe to Africa (generally from N to S). Another route starts from Asia to Africa (generally from NE to SW). Soaring birds (e.g. storks, birds of prey) make use of favorable soaring conditions during daytime, mainly until late September, and fly south in eastern parts of the country. Later in the season they have favorable conditions in western parts of the country along the Mediterranean shoreline.

Most birds are small songbirds (passerines). They migrate during the night in broad front across the whole country's mainland and above the Mediterranean. However some bigger birds, like cranes and herons, are also night migrants.

Pelicans fly over Israel in large flocks entering from NE and continue along the coastline. They may migrate late in the season, until December.

1.3 Spring migration

During the spring season, birds return from Africa to Europe in the S to N route and from Africa to Asia in the SW to NE route. For many bird species, migration paths

over Israel differ in spring than those in autumn. Generally, these paths are geographically broader than in autumn.

1.4 Number of birds

TBD

1.5 Information on densities

TBD

1.6 Caution note

TBD

1.7 Reporting of bird strikes

A number of aerodromes in Israel are affected by large concentration of birds in their vicinity.

To enable efficient and speedy handling of bird strike occurrence, aircrews and operators are requested to forward bird strike reporting forms, (specimen copy is provided on page ENR 5.6-2), including feather remains, to the following address:

Israel Airports Authority
Wildlife Hazard Prevention Unit
P.O. Box 7
Ben-Gurion International Airport 70100
Tel. number 972-50--9750752
972-3-9758151
Fax. 972-3-9758154
Email: kerenbe@iaa.gov.il

2. Areas with sensitive fauna

TBD

ISRAEL AIRPORTS AUTHORITY
BIRD STRIKE REPORTING FORM

Operator 01/02
 Aircraft Make Model 03/04
 Engine Make Model 05/06
 Aircraft Registration 07
 Date day month year 08
 Local Time 09
 dawn A day B dusk C night D 10
 Aerodrome Name 11/12
 Runway Used 13
 Location if En Route 14
 Height AGL ft 15
 Speed (IAS) kt 16
 Phase of Flight 17
 parked A en route E
 taxi B descent F
 take-off run C approach G
 climb D landing roll H

Effect on Flight
 none 32
 aborted take-off 33
 precautionary landing 34
 engines shut down 35
 other (specify) 36

Sky Condition 37
 no cloud A
 some cloud B
 overcast C

Precipitation
 fog 38
 rain 39
 snow 40

Bird Species

Part(s) of Aircraft

	Struck	Damaged
radome	<input type="checkbox"/> 18	<input type="checkbox"/>
windshield	<input type="checkbox"/> 19	<input type="checkbox"/>
nose (excluding above)	<input type="checkbox"/> 20	<input type="checkbox"/>
engine no. 1	<input type="checkbox"/> 21	<input type="checkbox"/>
engine no. 2	<input type="checkbox"/> 22	<input type="checkbox"/>
engine no. 3	<input type="checkbox"/> 23	<input type="checkbox"/>
engine no. 4	<input type="checkbox"/> 24	<input type="checkbox"/>
propeller	<input type="checkbox"/> 25	<input type="checkbox"/>
wing/rotor	<input type="checkbox"/> 26	<input type="checkbox"/>
fuselage	<input type="checkbox"/> 27	<input type="checkbox"/>
landing gear	<input type="checkbox"/> 28	<input type="checkbox"/>
tail	<input type="checkbox"/> 29	<input type="checkbox"/>
lights	<input type="checkbox"/> 30	<input type="checkbox"/>
other (specify)	<input type="checkbox"/> 31	<input type="checkbox"/>

Number of Birds
 Seen 42
 1 A A
 2-10 B B
 11-100 C C
 more D D
 Struck 43

Size of Bird 44
 small S
 medium M
 large L

Pilot Warned of Birds 45
 yes Y no X

Remarks (describe damage, injuries and other pertinent information) 46/47

Reported by
 (Optional)

Send bird remains to:

WILDLIFE HAZARD PREVENTION UNIT
 P.O. BOX 7
 BEN-GURION INTERNATIONAL AIRPORT
 70100 ISRAEL

THIS INFORMATION IS REQUIRED FOR AVIATION SAFETY