



**FLIGHT OPERATION**

**OCCURRENCE**

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**OCCURRENCE**

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**HEADLINE**

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**Headline**\*(601)

**WHEN & WHERE**

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**UTC date**\*(477)

YYYY/MM/DD

UTC time (478)

HH:mm

Local date (433)

YYYY/MM/DD

Local time (457)

HH:mm

**State/area of occ**\*(454)

Level1

Level2

Level3

Text

**Location name**\*(440)

**OCCURRENCE CLASSIFICATION**

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**Occurrence category**\*(430)

**Dang goods involved**\*(129)

**Occurrence class**\*(431)

**Weather relevant**\*(606)

\* When completed, send by e-mail to [safetyreport@caa.gov.mk](mailto:safetyreport@caa.gov.mk)

## FLIGHT OPERATION

**Responsible entity**\*<sup>(453)</sup>

*Level1*

*Level2*

**Injury level**\*<sup>(451)</sup>

*Level3*

**Highest damage**\*<sup>(432)</sup>

### ATM RELATION

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ATM contribution <sup>(428)</sup>

Effect on ATM service <sup>(436)</sup>

### REPORTING HISTORY

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#### REPORTING HISTORY

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**Reporter's description**\*<sup>(1092)</sup>

## FLIGHT OPERATION

**Reporting entity\***(447)

*Level1*

*Level2*

*Level3*

*Level4*

*Text*

Report identification (438)

**Reporter's language\***(1091)

Report version (1084)

**Report status\***(800)

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**Report status**\*<sup>(800)</sup>

## EVENT TYPE

### EVENT TYPE

**Event type**\*<sup>(390)</sup>

*Level1*

*Level2*

*Level3*

*Level4*

Phase <sup>(391)</sup>

*Level1*

*Level2*

*Level3*

*Level4*

## AIRCRAFT & FLIGHT DETAILS

### AIRCRAFT INFORMATION (REQUIRED)

**State of registry**\*<sup>(281)</sup>

**Aircraft registration**\*<sup>(244)</sup>

**Aircraft category**\*<sup>(32)</sup>

*Level1*

*Level2*

*Level3*

*Level4*

**Mass group**\*<sup>(319)</sup>

*Level1*

*Level2*

\*

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## FLIGHT OPERATION

**Manufacturer/model\***<sup>(21)</sup>

*Level1*

*Level2*

*Level3*

*Level4*

*Text*

**Serial number\***<sup>(254)</sup>

**Propulsion type\***<sup>(232)</sup>

### AIRCRAFT INFORMATION (OPTIONAL)

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Aircraft total time <sup>(291)</sup>

Hour(s)

Total cycles a/c <sup>(33)</sup>

Number of engines <sup>(209)</sup>

Landing gear type <sup>(166)</sup>

*Level1*

*Level2*

Year built <sup>(327)</sup>

### FLIGHT DETAILS

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**Operator\***<sup>(215)</sup>

*Level1*

*Level2*

*Text*

Occ. on ground <sup>(213)</sup>

**Operation type\***<sup>(214)</sup>

*Level1*

*Level2*

*Level3*

**Flight phase\***<sup>(121)</sup>

## FLIGHT OPERATION

Last departure point\*<sup>(167)</sup>

*Level1*

*Level2*

*Text*

Call sign\*<sup>(54)</sup>

Planned destination\*<sup>(228)</sup>

*Level1*

*Level2*

*Text*

Flight number <sup>(120)</sup>

Current flight rules <sup>(79)</sup>

Current traffic type <sup>(29)</sup>

## BIRDSTRIKE

### BIRD / WILDLIFE INFORMATION

Birds/wildlife seen <sup>(646)</sup>

Birds/wildlife struck <sup>(647)</sup>

Bird size <sup>(648)</sup>

Parts struck <sup>(644)</sup>

Parts damaged <sup>(643)</sup>

Pilot advised of birds <sup>(649)</sup>

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**FLIGHT OPERATION**

Species description (645)

Speed (first event) (273) kt

**INCAPACITATION**

**INCAPACITATION**

Person incapacitated (418)

Reason for incapacity (419)

**AERODROME**

**AERODROME IDENTIFICATION**

**Location indicator<sup>\*</sup>(5)**

	<i>Level1</i>			<i>Level2</i>	
	<i>Text</i>				
Aerodrome latitude (1)	<i>Degrees</i>	<i>Minutes</i>	<i>Seconds</i>	North	South
Aerodrome longitude (2)	<i>Degrees</i>	<i>Minutes</i>	<i>Seconds</i>	East	West

**Location on aerodrome<sup>\*</sup>(641)**

	<i>Level1</i>	<i>Level2</i>
	<i>Text</i>	
Aerodrome type (10)		
Elevation above MSL (4)		ft
Aerodrome status (7)		

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\*

## FLIGHT OPERATION

### HELICOPTER LANDING AREA

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Landing area type *(9)*

Area configuration *(3)*

Surface type *(8)*

### AERODROME GENERAL

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Runway Number *(1119)*

Runway identifier *(499)*

Runway category *(502)*

Runway configuration *(503)*

Runway status *(942)*

Runway preparation *(512)*

ASDA *(496)* m

LDA *(500)* m

Clearway length *(799)* m

RESA length *(811)* m

RESA width *(812)* m

RESA surface type *(813)*

Stopway length *(507)* m

TORA *(511)* m

TODA *(510)* m

## FLIGHT OPERATION

### RUNWAY INCURSION

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#### RUNWAY INCURSION

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Vert closest prox (736) ft

Entity involved (741)

Severity classification (735)

Hor closest prox (737) m

Encounter geometry (739)

Movement profile (738)

Evas/corrective act (740)

### AIRSPACE

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#### AIRSPACE

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Airspace type (15)

FIR/UIR name (16)

*Level1*

*Level2*

*Text*

Airspace name (14)

Special activities (17)



## FLIGHT OPERATION

Airspace class (13)

### SEPARATION & ACAS/TCAS

#### SEPARATION & ACAS/TCAS

Distance in time (697)	Second(s)
Military a/c involved (574)	
Rate of closure (588)	kt
Est vert separation (581)	ft
Req vert separation (583)	ft
Vertical sep recorded (585)	ft
Est minimum horiz sep (575)	NM
Min horiz sep rec (579)	NM
Req minimum horiz sep (577)	NM
Horizontal rel mvmt (570)	
ACAS/TCAS installed (563)	
ACAS/TCAS funct (696)	
A/c avoiding action (566)	
RA type (610)	
RA Classification (613)	
RA geometry (609)	
Initiator avoiding act (571)	
Pilot response to RA (611)	
Other aircraft seen (587)	
Vertical profile of separation (598)	
Height/altitude (597)	ft
ATM action (565)	

## FLIGHT OPERATION

### ATS NAME

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ATS Unit name (372)

### DANGEROUS GOODS

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Dangerous good (688)

Level1

Level2

Level3

Text

Origin of goods (1051)

Shipper name (1053)

Subsidiary risk (1055)

Air Waybill/ Consignment (1052)

Total number of packages (1054)

Number of inner packages (1058)

Quantity per inner pack. (1060)

Packing group/ Class 7 (1057)

Type of inner packaging (1059)

Type of outer packaging (1056)

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## FLIGHT OPERATION

### WEATHER

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#### WEATHER INFORMATION

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Light conditions (168)

Weather conditions (127)

Visibility (310)

m

Cloud amount (266)

Air temperature (287)

C

Height of cloud base (140)

ft

Dew point (85)

C

Pilot advised of SIGMET (265)

#### WIND

---

Wind description (621)

Wind gusts (321)

Speed measured at (275)

Wind direction (320)

Degree(s)

Wind speed (322)

kt

#### PRECIPITATION AND OTHER WEATHER PHENOMENA

---

Phenomenon type (299)

Phenomenon intensity (230)

Characteristics (607)

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## FLIGHT OPERATION

### WEATHER REPORT

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Weather report (177)

### INJURIES

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#### INJURIES

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**Total fatalities** <sup>\*</sup>(458)

**Total fatalities aircraft** <sup>\*</sup>(459)

**Total fatalities ground** <sup>\*</sup>(460)

**Total serious injuries** <sup>\*</sup>(470)

**Total serious injuries-aircraft** <sup>\*</sup>(471)

**Total serious injuries-ground** <sup>\*</sup>(472)

**Total minor injuries** <sup>\*</sup>(467)

**Total minor injuries-aircraft** <sup>\*</sup>(468)

**Total minor injuries-ground** <sup>\*</sup>(469)

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## FLIGHT OPERATION

### RISK, ANALYSIS & FOLLOW-UP

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**Risk classification** <sup>\*</sup>(1065)

Parties informed (1064)

Risk methodology (1066)

Risk mitig. action (1069)

Risk assessment (1068)

## FLIGHT OPERATION

Analysis / follow up (1067)

Conclusions (1070)

### ERCS

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#### ERCS

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1. Acft./eqpmt/infr. design (1098)

Risk method (939)

2. Tactical planning (1099)

Risk grade (1109)

Calculated barrier weight sum (1106)

3. Regul./procedu./process. (1100)

Num. Eq. Score (1096)

4. Situ.Aware. and action (1101)

5. Warn.Sys.Op. and action (1102)

Safety risk score (1095)

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## FLIGHT OPERATION

Barrier score (1094)

6. Late recovery (1103)

7. Protections (1104)

Severity score (1093)

8. Low energy occurrence (1105)

Key risk area (1097)

*Level1*

*Level2*

Comments (1110)