**Aerodromes: definitions and aerodrome data**
010 Air Law and ATC Procedures › 09 Aerodromes

QUESTION

# What does TORA measure?


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QUESTION

# How is TODA built?


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QUESTION

# How is ASDA built?


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QUESTION

# What does LDA measure?


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**ANSWER**

TORA plus the clearway, if one is provided.

Reg. (EU) No 139/2014 Annex I (44), (43), (2), (24); CS ADR-DSN.A.002


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**ANSWER**

The runway length declared available for the ground run of an aeroplane taking off.

Reg. (EU) No 139/2014 Annex I (44), (43), (2), (24); CS ADR-DSN.A.002


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**ANSWER**

The runway length declared available for the ground run of an aeroplane landing.

Reg. (EU) No 139/2014 Annex I (44), (43), (2), (24); CS ADR-DSN.A.002


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**ANSWER**

TORA plus the stopway, if one is provided.

Reg. (EU) No 139/2014 Annex I (44), (43), (2), (24); CS ADR-DSN.A.002


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QUESTION

# Which declared distance does a clearway add to?


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QUESTION

# Which declared distance does a stopway add to?


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QUESTION

# Does a displaced threshold change the take-off distances?


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QUESTION

# How long can a clearway be?


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**ANSWER**

ASDA only. A stopway never adds to LDA.

GM1 ADR.OPS.A.005 "Declared distances" (b)(1)–(5); Figure GM-B-1


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**ANSWER**

TODA only. A clearway never adds to LDA.

GM1 ADR.OPS.A.005 "Declared distances" (b)(1)–(5); Figure GM-B-1


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**ANSWER**

No longer than half the TORA.

CS ADR-DSN.B.195(c); Annex 14 3.6.2; CS ADR-DSN.B.195(a)–(f)


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**ANSWER**

No. It reduces the LDA only, and only for landings towards that threshold.

GM1 ADR.OPS.A.005 "Declared distances" (b)(1)–(5); Figure GM-B-1


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QUESTION

# How wide is a clearway, each side of the extended centre line?


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QUESTION

# Where is a stopway?


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QUESTION

# How wide is a stopway?


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QUESTION

# Is a clearway or a stopway a place to land?


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**ANSWER**

At the end of the TORA, for stopping after an abandoned take-off.

Reg. (EU) No 139/2014 Annex I (42); CS ADR-DSN.A.002


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**ANSWER**

At least 75 m each side of the extended centre line.

CS ADR-DSN.B.195(d); Annex 14 3.6.3(a); CS ADR-DSN.B.195(a)–(f)


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**ANSWER**

No. Neither is a place to land.

Reg. (EU) No 139/2014 Annex I (15); CS ADR-DSN.A.002; Reg. (EU) No 139/2014 Annex I (42); CS ADR-DSN.A.002; GM1 ADR.OPS.A.005 "Declared distances" (b)(1)–(5); Figure GM-B-1


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**ANSWER**

The same width as the runway.

CS ADR-DSN.B.200(b); CS ADR-DSN.B.200(a), (b), (d), (e); GM1 ADR-DSN.B.200(d)


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QUESTION

# What is the aerodrome elevation?


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QUESTION

# What is a threshold?


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QUESTION

# What is a displaced threshold?


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QUESTION

# What does the runway strip protect?


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**ANSWER**

The beginning of the part of the runway usable for landing.

CS ADR-DSN.A.002; Annex 14 Ch. 1


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**ANSWER**

The elevation of the highest point of the landing area. It is not an average.

CS ADR-DSN.A.002; Annex 14 Ch. 1


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**ANSWER**

Aircraft that run off the runway and aircraft that fly over it.

Reg. (EU) No 139/2014 Annex I (38f); CS ADR-DSN.A.002


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**ANSWER**

A threshold that is not at the end of the runway.

CS ADR-DSN.A.002; Annex 14 Ch. 1


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QUESTION

## How far does the strip extend beyond the runway end for code number 2, 3 or 4?


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QUESTION

## What is a RESA?


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QUESTION

## What is the minimum RESA length from the strip end?


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QUESTION

## What is the RESA width?


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**ANSWER**

An area beyond the strip end, mainly to reduce damage from an undershoot or an overrun.

Reg. (EU) No 139/2014 Annex I (38d); CS ADR-DSN.A.002


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**ANSWER**

At least 60 m before the threshold and beyond the runway or stopway end.

CS ADR-DSN.B.155(a)(1); CS ADR-DSN.B.155(a)


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**ANSWER**

At least twice the runway width.

CS ADR-DSN.C.215(c); CS ADR-DSN.C.215(a)–(c); Figure GM-C-1; Annex 14 3.5.3–3.5.6


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**ANSWER**

90 m.

CS ADR-DSN.C.215(a)(1); Annex 14 3.5.3; CS ADR-DSN.C.215(a)–(c); Figure GM-C-1; Annex 14 3.5.3–3.5.6


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QUESTION

# What RESA length applies for code number 3 or 4, as far as practicable?


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QUESTION

# What does RWYCC 6 mean?


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QUESTION

# What does RWYCC 0 mean?


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QUESTION

# Which RWYCC applies to standing water deeper than 3 mm?


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**ANSWER**

Dry.

AMC1 ADR.OPS.B.037(a)


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**ANSWER**

240 m.

CS ADR-DSN.C.215(a)(1)(i); CS ADR-DSN.C.215(a)–(c); Figure GM-C-1; Annex 14 3.5.3–3.5.6


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**ANSWER**

RWYCC 2, MEDIUM TO POOR.

Reg. (EU) No 139/2014 Annex I (38h)(f); AMC1 ADR.OPS.B.037(a)


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**ANSWER**

LESS THAN POOR braking, for example on wet ice.

AMC1 ADR.OPS.B.037(a)


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QUESTION

## Which RWYCC applies to compacted snow at –15 °C or lower?


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QUESTION

## What is the depth limit for a WET runway?


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QUESTION

## What does a third with coverage under 10 % give?


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QUESTION

## What does a third with coverage from 10 to 25 % give?


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**ANSWER**

Up to and including 3 mm.

Reg. (EU) No 139/2014 Annex I (49); Reg. (EU) No 139/2014 Annex I (18a), (49), (38h)(f); GM1 38h(f)


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**ANSWER**

RWYCC 4, GOOD TO MEDIUM.

AMC1 ADR.OPS.B.037(a)


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**ANSWER**

RWYCC 6, with the contaminant reported at 25 %.

GM1 ADR.OPS.B.037(b)(a)(2); GM1 ADR.OPS.B.037(b)(a); AMC1 ADR.OPS.A.065(b);(c) Table 1


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**ANSWER**

RWYCC 6, with nothing reported.

GM1 ADR.OPS.B.037(b)(a)(1); GM1 ADR.OPS.B.037(b)(a); AMC1 ADR.OPS.A.065(b);(c) Table 1


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QUESTION

# What does a third with coverage over 25 % give?


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QUESTION

# From which depth is standing water reported?


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QUESTION

# How are the thirds listed in the written RCR string?


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QUESTION

# What is the first part of the runway in an ATS report?


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**ANSWER**

From 4 mm upwards. At 3 mm or less, the third is WET.

AMC1 ADR.OPS.A.065(b);(c) Table 2 Note 1; AMC1 ADR.OPS.A.065(b);(c) Table 2 and notes; GM2 ADR.OPS.A.065(a)(b)(6)


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**ANSWER**

The RWYCC of that contaminant.

GM1 ADR.OPS.B.037(b)(a)(3); GM1 ADR.OPS.B.037(b)(a); AMC1 ADR.OPS.A.065(b);(c) Table 1


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**ANSWER**

The first third in your direction of landing or take-off.

GM2 ADR.OPS.A.065(a)(b)(4), Figures 1–2


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**ANSWER**

From the lower runway number.

GM2 ADR.OPS.A.065(a)(b)(4), Figures 1–2


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QUESTION

# How often is the movement area inspected, for code number 1 or 2?


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QUESTION

# How often is the movement area inspected, for code number 3 or 4?


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QUESTION

# What triggers a NOTAM for surface hazards?


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QUESTION

# What tolerance applies to a pre-flight altimeter check location?


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**ANSWER**

At least twice a day.

AMC1 ADR.OPS.B.015(b); AMC1 ADR.OPS.B.015(b)–(d)


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**ANSWER**

At least once a day.

AMC1 ADR.OPS.B.015(b); AMC1 ADR.OPS.B.015(b)–(d)


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**ANSWER**

Every part within 3 m (10 ft) of the published average elevation.

GM1 ADR.OPS.A.005 "Pre-flight altimeter check location" (b); GM1 ADR.OPS.A.005 "Pre-flight altimeter check location"


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**ANSWER**

Hazardous snow, slush, ice or water on the movement area.

ADR.OPS.A.057(b)(1), (5), (6), (8), (13)–(17)


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QUESTION

# What does the RCR give for each third of the runway?


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QUESTION

# Which paved instrument runway length brings an aerodrome into EU scope?


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QUESTION

# What passenger limit can a Member State use for an exemption?


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QUESTION

# What cargo limit can a Member State use for an exemption?


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**ANSWER**

800 m, together with public use and commercial air transport.

Reg. (EU) 2018/1139 Art. 2(1)(e)(iii); Reg. (EU) 2018/1139 Art. 2(1)(e), 2(3)(b); CS ADR-DSN.A.001


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**ANSWER**

A code, coverage, depth and description.

ADR.OPS.A.065(a)(1)–(19); GM1 ADR.OPS.A.065(a)(18);(19)


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**ANSWER**

No more than 850 cargo-related movements a year.

Reg. (EU) 2018/1139 Art. 2(7)


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**ANSWER**

No more than 10 000 commercial air transport passengers a year.

Reg. (EU) 2018/1139 Art. 2(7)


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QUESTION

# Where is a RESA provided for code number 3 or 4?


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QUESTION

# Name two items that the movement area monitoring covers.


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**ANSWER**

For example works, rough or broken surfaces, temporary hazards such as parked aircraft, failure of visual aids or power.

GM1 ADR.OPS.A.005 "Condition of the movement area and related facilities" (a)–(e)


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**ANSWER**

At each end of the strip.

CS ADR-DSN.C.210(b), (c)


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