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QUESTION

What does TORA measure?

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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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QUESTION

How is TODA built?

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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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QUESTION

How is ASDA built?

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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

What does LDA measure?

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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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QUESTION

Which declared distance does a clearway add to?

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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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QUESTION

Which declared distance does a stopway add to?

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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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QUESTION

Does a displaced threshold change the take-off distances?

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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 long can a clearway be?

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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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QUESTION

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

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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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QUESTION

Where is a stopway?

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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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QUESTION

How wide is a stopway?

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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

Is a clearway or a stopway a place to land?

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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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QUESTION

What is the aerodrome elevation?

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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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QUESTION

What is a threshold?

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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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QUESTION

What is a displaced threshold?

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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

What does the runway strip protect?

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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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QUESTION

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

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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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QUESTION

What is a RESA?

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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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QUESTION

What is the minimum RESA length from the strip end?

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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 is the RESA width?

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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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QUESTION

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

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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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QUESTION

What does RWYCC 6 mean?

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ANSWER

Dry.

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QUESTION

What does RWYCC 0 mean?

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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 standing water deeper than 3 mm?

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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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QUESTION

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

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ANSWER

RWYCC 4, GOOD TO MEDIUM.

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QUESTION

What is the depth limit for a WET runway?

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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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QUESTION

What does a third with coverage under 10 % give?

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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 from 10 to 25 % give?

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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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QUESTION

What does a third with coverage over 25 % give?

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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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QUESTION

From which depth is standing water reported?

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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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QUESTION

How are the thirds listed in the written RCR string?

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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

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

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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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QUESTION

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

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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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QUESTION

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

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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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QUESTION

What triggers a NOTAM for surface hazards?

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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 tolerance applies to a pre-flight altimeter check location?

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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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QUESTION

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

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ANSWER

A code, coverage, depth and description.

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QUESTION

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

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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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QUESTION

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

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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

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

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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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QUESTION

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

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ANSWER

At each end of the strip.

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

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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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