

Runway Data – 07 / 25

RUNWAY		07	25
		Non-Precision	Precision (CAT I)
Lowest Landing Minima		Refer to CAP	Refer to CAP
Lowest Authorized Take-Off Minima		1/2 mile	1/2 mile
PHYSICAL CHARACTERISTICS			
Reference Code		4E	4E
True / Magnetic Bearings		063° T / 070° M	243° T / 250° M
Runway Dimensions		9000 ft x 200 ft (2743.2m x 60.96m)	
Runway Slope		R07 Down 0.17%, R25 Up 0.17%	
Runway Surface Type		Asphalt	
Touchdown Zone Elevation		622 ft (189.59m) ASL	613 ft (186.84m) ASL
Threshold	Coordinates	N42° 16' 24.24" W82° 58' 12.57"	N42° 17' 05.21" W82° 56' 26.32"
	Elevation	622.1 ft (189.6m) ASL	607.7 ft (185.2m) ASL
Displaced Threshold	Length	902 ft (275m)	1143 ft (348.39m)
	Coordinates	N42° 16' 28.34" W82° 58' 01.94"	N42° 17' 00.01" W82° 56' 39.82"
	Elevation	622.0 ft (189.6m) ASL	607.8 ft (185.3m) ASL
Runway Strip	Dimensions	9394 ft x 984 ft (2863m x 300m)	
	Surface Type	Asphalt/Gravel/Grass	
	Graded Area Width	9394 ft x 590 ft (2863m x 180m)	
Stopway	Dimensions	n/a	n/a
	Surface Type	n/a	n/a
Clearway	Dimensions	984 ft x 492 ft (300m x 150m)	330 ft x 492 ft (100m x 150m)
	Ground Profile	Down 1.5% then down 10%, up 10% then flat	Flat
	Limiting (closest) Object	(none)	Localizer Shed
Runway End Safety Area	Dimensions	360 ft x 400 ft (110m x 122m)	330 ft x 400 ft (100m x 122m)
	Surface Type	Asphalt 145 ft (44m), then grass	Asphalt 52 ft (16m), then grass
	Limiting (closest) Feature	Light Fixtures	Localizer Shed
Declared Distances	TORA	9000 ft (2743m)	9000 ft (2743m)
	TODA	9984 ft (3043m)	9330 ft (2844m)
	ASDA	9000 ft (2743m)	9000 ft (2743m)
	LDA	8098 ft (2468m)	7857 ft (2395m)

OBSTACLE LIMITATION SURFACES		07	25	
Approach Surface	Length of Inner Edge	492 ft (150m)	492 ft (150m)	
	Distance from Threshold	196.85 ft (60m) ¹	196.85 ft (60m) ²	
	Divergence	15%	15%	
	Length	49,200 ft (15,000m)	49,200 ft (15,000m)	
	Slope	2.0% (1:50)	2.0% (1:50)	
Transitional Surface Slope		14.3% (1:7)	14.3% (1:7)	
Outer Surface	Elevation	150 ft (46m)	150 ft (46m)	
	Radius	13125 ft (4000m)	13125 ft (4000m)	
LIGHTING		07	25	
Runway Edge Lights		High	High	
Approach Lights		Low (AD)	High (AN) SSALR	
Visual Approach Slope Indicator		PAPI-2	PAPI-2	
Lead-in Lighting Systems		No	No	
Runway Identification Lights (RILS)		Yes	No	
Runway Threshold Lights		No	No	
Displaced Threshold / Wing Bar Lights		Yes / 5 per bar	Yes / 5 per bar Threshold lights (inset)-20	
Runway End Lights		Yes	Yes	
Centre Line Lights		No	No	
Touchdown Zone Lights		No	No	
Runway Exit Lights		No	No	
Stopway Lights		No	No	
MARKERS AND MARKINGS		07	25	
Markers	Threshold	No	No	
	Edge	No	No	
	Distance – To – Go	No	No	
Markings	Runway Designation	07	25	
	Threshold	Yes	Yes	
	Displaced Threshold	Transverse Stripe	Yes	Yes
		Chevrons/Arrows	Yes	Yes
	Runway Centre Line	Yes	Yes	
	Fixed Distance	No	No	
	Aiming Point ³	Yes	Yes	
	Touchdown Zone ⁴	Yes	Yes	
	Runway Side Stripe	No	No	
Taxi-Holding Position	No	Yes / pattern A		

¹ The Approach Surface for Runway 07 is measured 60m from the current displaced threshold.

² The Approach Surface for Runway 25 is measured 60m from the current displaced threshold

³ Runway 07-25 is marked as a Code 3 runway due to the length of displaced thresholds at each end (see Appendix H - MOUS's and Agreements)

Runway Data - 12 / 30

RUNWAY		12	30
		Non-Precision	Non-Precision
Lowest Landing Minima		Refer to CAP	Refer to CAP
Lowest Authorized Take-Off Minima		1/2 mile	1/2 mile
PHYSICAL CHARACTERISTICS			
Reference Code		3D	3D
True / Magnetic Bearings		116° T / 123° M	296° T / 303° M
Runway Dimensions		5150 ft x 150 ft (1569.72m x 45.72m)	
Runway Slope		0.1%	
Runway Surface Type		Asphalt	
Touchdown Zone Elevation		622 ft (189.59m) ASL	620 ft (189.59m) ASL
Threshold	Coordinates	N42° 16' 23.81" W82° 58' 12.56"	N42° 16' 01.82" W82° 57' 10.79"
	Elevation	622.0 ft (189.6m) ASL	619.3 ft (188.8m) ASL
Displaced Threshold	Length	570 ft (174m)	321 ft (98m)
	Coordinates	N42° 16' 21.38" W82° 58' 05.72"	N42° 16' 03.20" W82° 57' 14.64"
	Elevation	621.7 ft (189.5m) ASL	619.8 ft (188.9m) ASL
Runway Strip	Dimensions	5550 ft x 492 ft (1692m x 150m)	
	Surface Type	Asphalt/Gravel/Grass	
	Graded Area Width	5550 ft x 295 ft (1690m x 90m)	
Stopway	Dimensions	n/a	n/a
	Surface Type	n/a	n/a
Clearway	Dimensions	295 ft x 492 ft (90m x 150m)	295 ft x 492 ft (90m x 150m)
	Ground Profile	Flat	Flat
	Limiting (closest) Object	Perimeter Road/Fence	Localizer Array
Runway End Safety Area	Dimensions	390 ft x 300 ft (119m x 91m)	436 ft x 300 ft (133m x 91m)
	Surface Type	Grass	Asphalt 50 ft (15m), then grass
	Limiting (closest) Feature	Drainage Ditch	Perimeter Road/Fence
Declared Distances	TORA	5150 ft (1570m)	5150 ft (1570m)
	TODA	5445 ft (1660m)	5445 ft (1660m)
	ASDA	5150 ft (1570m)	5150 ft (1570m)
	LDA	4580 ft (1395m)	4829 ft (1472m)

OBSTACLE LIMITATION SURFACES		12	30	
Approach Surface	Length of Inner Edge	246 ft (75m)	246 ft (75m)	
	Distance from Threshold	0 ft ⁴	196.85 ft (60m) ⁵	
	Divergence	15%	15%	
	Length	9843 ft (3,000m)	9843 ft (3,000m)	
	Slope	2.5% (1:40)	2.5% (1:40)	
Transitional Surface Slope		14.3% (1:7)	14.3% (1:7)	
Outer Surface	Elevation	148 ft (45m)	148 ft (45m)	
	Radius	13123 ft (4000m)	13123 ft (4000m)	
LIGHTING		12	30	
Runway Edge Lights		Medium	Medium	
Approach Lights		Low (AD)	No	
Visual Approach Slope Indicator		PAPI-2	PAPI-2	
Lead-in Lighting Systems		No	No	
Runway Identification Lights (RILS)		No	No	
Runway Threshold Lights		No	No	
Displaced Threshold / Wing Bar Lights		Yes / 4 per bar	Yes / 4 per bar	
Runway End Lights		Yes	Yes	
Centre Line Lights		No	No	
Touchdown Zone Lights		No	No	
Runway Exit Lights		No	No	
Stopway Lights		No	No	
Runway Guard Lights		No	Yes ⁶	
MARKERS AND MARKINGS		12	30	
Markers	Threshold	No	No	
	Edge	No	No	
	Distance – To – Go	No	No	
Markings	Runway Designation	12	30	
	Threshold	Yes	Yes	
	Displaced Threshold	Transverse Stripe	Yes	Yes
		Chevrons/Arrows	Yes	Yes
	Runway Centre Line	Yes	Yes	
	Fixed Distance	No	No	
	Aiming Point	Yes	Yes	
	Touchdown Zone	Yes	Yes	
	Runway Side Stripe	No	No	
Taxi-Holding Position	No	Yes / pattern A		

⁴ The Approach Surface for Runway 12 is measured from the current displaced threshold, and not from the physical threshold.

⁵ The Approach Surface for Runway 30 is measured 60m from the current displaced threshold.

⁶ Runway Guard Lights positioned on Runway 30 for reduced visibility procedure Runway 07-25