

PHYSICAL CHARACTERISTICS

Aerodrome category

ICAO Aerodrome Reference Code	4 (conjectural G)
Precision Approach Category	CAT III
Aerodrome Reference Point	N51° 38.87' W001° 22.35'
Elevation (AMSL)	198 feet

Declared distances *

		metres
Take-Off Run Available	09L 10R 27R 28L	4 000
Emergency Distance Available	09L 10R 27R 28L	4 000
Take-Off Distance Available	09L 10R 27R 28L	4 000
Landing Distance Available	09R 10L 27L 28R	4 000

Runway End Safety Areas

All runways except Threshold 27L	1 000 x 150
Threshold 27L	985 x 150

Runway bearings

Estimated magnetic bearings in 2020	97° / 277°
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Runways

Runway length	4 000 metres
Runway width	60
Runway shoulders (overall width)	90
Runway lateral separation (09L 27R to 10R 28L)	2 000
Close parallel runways lateral separation	390
Longitudinal slope (constant gradient) : east to west	+0.1%

Taxiways

Taxiway width	30
Taxiway shoulders (width)	15
Runway centreline to taxiway centreline	195
Taxiway centreline to taxiway centreline	110
Taxiway centreline to object	65
Aircraft stand taxiway centreline to object	60

Approach lighting

Scale L1 HI 5 bar with supplementary [length]	900
PAPI	3°

Holding bays (Bypass taxiways)

All runway entries	615 metres
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Aprons : Aircraft stands

Aircraft stand module [note 1] [length x width]	105 x 80
Apron service road zone	15

Passenger aircraft stands [modules]

• Frontal number	127
• Remote number	30
• Total length	12 800

Air cargo aircraft stands [modules]

• Frontal number	15
• Total length	1 200

Note 1: Notional aircraft stand used in strategic planning

Aircraft maintenance centre

Aircraft parking spaces [modules]	number	18
Aircraft parking * total length		1 440

Dimensions of the 'Critical Aircraft' **

		metres
Wingspan	(295 ^a)	90
Length	(295 ^a)	90
Tail height	(90 ^a)	27.5
Outer main gear wheel span	(65 ^a)	20

* Civil Aviation Authority : CAP 168

** Aircraft dimensional criteria applied in a conjectural ICAO Code G Aeronautical Safeguarding

^a Approximate equivalent dimensions in feet

- Notes: **S1 - S3** Satellites
P1 Pier
 Aircraft stands

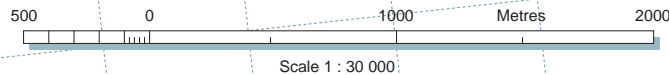


Figure 13 LOX field layout