

**PHYSICAL CHARACTERISTICS**

**Aerodrome category**

ICAO Aerodrome Reference Code	4 (conjectural G)
Precision Approach Category	CAT III
<b>Aerodrome Reference Point</b>	N51° 38.87' W001° 22.35'
<b>Elevation (AMSL)</b>	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 1 000 x 150

**Runway bearings**

Estimated magnetic bearings in 2020 97° / 277°

**Runways**

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

**Taxiways**

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

**Approach lighting**

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

**Holding bays (Bypass taxiways)**

All runway entries	metres	615
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**Aprons : Aircraft stands**

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

**Passenger aircraft stands [modules]**

• Frontal number	metres	158
• Remote number	metres	30
• Total length	metres	15 040

**Air cargo aircraft stands [modules]**

• Frontal number	metres	15
• Total length	metres	1 200

Note 1: Notional aircraft stand used in strategic planning

**Aircraft maintenance centre**

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

**Dimensions of the 'Critical Aircraft' \*\***

	metres
Wingspan	(295 <sup>a</sup> ) 90
Length	(295 <sup>a</sup> ) 90
Tail height	(90 <sup>a</sup> ) 27.5
Outer main gear wheel span	(65 <sup>a</sup> ) 20

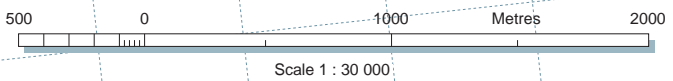
\* Civil Aviation Authority : CAP 168

\*\* Aircraft dimensional criteria applied in a conjectural

ICAO Code G Aeronautical Safeguarding

<sup>a</sup> Approximate equivalent dimensions in feet

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



**Option B1: 4 Satellite Terminals**  
**Figure 13a LOX field layout**