



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

10R / 28L • 10C / 28C • 10L / 28R
 Take-Off Run Available 4 000 (13 123)
 Accelerate-stop Distance Available 4 000 (13 123)
 Take-Off Distance Available 4 390 (14 403)
 Landing Distance Available 4 000 (13 123)
09 / 27 (displaced thresholds from 10L / 28R)
 Landing Distance Available 3 055 (10 023)

Runway End Safety Areas

All runways 330 x 150 metres

Runway bearings

Estimated magnetic bearings in 2020 97° / 277°

Runways

Runway length 4 000 metres
 Runway width 60 metres
 Runway shoulders (overall width) 90 metres
 Runway lateral separation (10R / 28L to 10C / 28C) 1 840 metres
 Runway lateral separation (10C / 28C to 10L / 28R) 920 metres
 Longitudinal slope (constant gradient) : east to west +0.1%

Taxiways

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

Approach lighting

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

Holding bays

Runways 10R / 28L and 10C / 28C 590 metres
 Runway 10L / 28R 1 046 metres

Aprons : Aircraft stands

Aircraft stand 'module' [S1] [length x width] 105 x 80 metres
 Apron service road zone 15 metres

Passenger aircraft stands [modules]

- Number: 204
- 175 Direct access stands: 29 Remote stands
- Total length 16 320 metres

Air cargo aircraft stands [modules]

- Number 26
- Total length 2 080 metres

Aircraft maintenance centre

Aircraft stands [modules] number 20
 Aircraft parking • total length 1 600 metres

Aircraft stands

Total number 250

Dimensions of the notional Code 'G' 'Critical Aircraft' *

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

Notes

S1: To accommodate Code E aircraft with a stand length allowing for conjectural Code 'G' aircraft [see above]. Aircraft dimensional criteria applied in a conjectural ICAO Aerodrome Reference Code 'G'.

* A - G Satellites

□ Aircraft stands



Figure 25 Field layout - 3 runway option