



PHYSICAL CHARACTERISTICS		Runway End Safety Areas (RESA)	metres	NOTES
Aerodrome category		Approach 09R	818 x 210	Aircraft accessibility All runways, taxiways and taxilanes accommodate ICAO ARC Code F / FAA ADG-VI aircraft: except those to Aprons 1 – 4, which accommodate aircraft up to and including Code E / ADG-V.
		Approach 09L / 27R / 10R / 28L	880 x 210	
		Approach 27L / 10L / 28R	940 x 210	
ICAO Aerodrome Reference Code	4 F	NB These dimensions are contingent on the replacement of ILS technology with GBAS (Ground-Based Augmentation System).		
Precision Approach Category	CAT III			
Aerodrome Reference Point	N51° 38.88' W001° 22.39'			
Aerodrome Elevation (AMSL)	202 feet	Taxiways		
Declared distances	metres (feet)	Taxiway width	25	Notional Aircraft Stand provision for preliminary planning Two aircraft stand types provide for up to and including Code F / ADG-VI (133 stands) and Code E / ADG-V (101 stands) aircraft respectively. The latter are confined to Aprons 1 – 4 and the eastern portion of the Cargo Apron. 280 aircraft stands are provided using a Multiple Aircraft Ramp System (MARS) [§] ; this reflects the stand utilisation rates and anticipated fleet mix of 67% Code E / F aircraft, 33% Code C / D.
Take-Off Run Available 09R/27L & 10L/28R	4 000 (13 123)	Runway centreline to taxiway centreline	190	
Take-Off Run Available 09L/27R & 10R/28L	3 400 (11 155)	Taxiway centreline to taxiway centreline	95	
Landing Distance Available 09R/27L & 10L/28R	3 700 (12 139)	Taxiway centreline to object	55	
Landing Distance Available 09L/27R & 10R/28L	3 400 (11 155)	Aircraft stand taxilane centreline to object	50.5	
Runways	metres	End-Around Taxiways (EAT)		§ Note: • 1 Code F stand fits 2 Code C aircraft; • 2 adjacent Code E stands fit 3 Code C aircraft; • 2 adjacent Code F stands fit 3 Code D aircraft. * Runway holding positions unavailable in mixed mode operations of the associated runway.
Runway lateral separation 10L/28R to 09R/27L	2 000	All end-around taxiways allow independent operations of aircraft up to and including ICAO ARC Code E / FAA ADG-V aircraft, and any Code F / ADG-VI aircraft with a tail height less than 20.1m (66 feet).		
-ditto- 10R/28L to 10L/28R & 09L/27R to 09R/27L	380			
Longitudinal slope (constant gradient) : east-west	+0.1%	EAT: taxiway lighting: proposed generic innovation		
Width overall runway shoulders	75	⊗ Approach prohibition: high-intensity 5.5° azimuth (yellow)		
Runway bearings		97° / 277°		
Estimated magnetic bearings in 2020				

Figure 16A Airport Diagram