



Scale 1 : 30 000 (at A4)

PHYSICAL CHARACTERISTICS		Runways	metres	Aircraft accessibility
Aerodrome category		Runway length	4 000	All runways, taxiways (including the End-Around Taxiways) and aprons accommodate ICAO ARC Code F & FAA Group VI aircraft, except Aprons 1 and 2 which, together with their associated taxiways and stands, accommodate aircraft up and including ICAO Code E / FAA Group V.
ICAO Aerodrome Reference Code	4 F	Runway width	60	
Precision Approach Category	CAT III	Runway shoulders (overall width)	75	
Aerodrome Reference Point	N51° 38.88' W001° 22.43'	Runway lateral separation 10L/28R to 09R/27L	2 000	Notional Aircraft Stand provision for preliminary planning
Aerodrome Elevation (AMSL)	202 feet	-ditto- 10R/28L to 10L/28R & 09L/27R to 09R/27L	380	
		Longitudinal slope (constant gradient) : east-west	+0.1%	
Declared distances	metres (feet)	Taxiways		Two stand modules are used throughout: these severally accommodate up to Code F (172 stands) and up to Code E (51 stands) aircraft. The latter are confined to Aprons 1 & 2.
Take-Off Run Available (all runways)	4 000 (13 123)	Taxiway width	25	
Landing Distance Available 09L/27R & 10R/28L	3 500 (11 483)	Runway centreline to taxiway centreline	190	
Landing Distance Available 09R/27L & 10L/28R	3 800 (12 467)	Taxiway centreline to taxiway centreline	95	
		Taxiway centreline to object	55	
Runway bearings		Aircraft stand taxilane centreline to object	50.5	Some 260 aircraft stands are provided using the Multiple Aircraft Ramp System (MARS)*: the provision reflects the anticipated aircraft fleet mix of two thirds Code E & F aircraft, one third Code C & D.
Estimated magnetic bearings in 2020	97° / 277°	End-around taxiways		
Runway End Safety Areas (RESA)	metres	Runway ends 10L 28R 09R 27L		
All runways except approaches 27R, 28L & 10R	690 x 210	Elevation of transverse ETA section to relative to threshold level	-9.75	<ul style="list-style-type: none"> 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.
approach 27R	740 x 210	[Limiting aircraft: FAA Group VI: tail fin height, 80 feet (24.4m)]		
approach 28L	850 x 210	Holding bays		
approach 10R	700 x 210	Runways ends: 10L 28R 09R 27L	560	

Figure 16A Airport Diagram