



Scale 1 : 30 000 (at A4)

PHYSICAL CHARACTERISTICS

Aerodrome category		
ICAO Aerodrome Reference Code		4 F
Precision Approach Category		CAT III
Aerodrome Reference Point	N51° 38.88' W001° 22.43'	
Aerodrome Elevation (AMSL)		202 feet
Declared distances	metres	(feet)
Take-Off Run Available 09R/27L & 10L/28R	4 000	(13 123)
Take-Off Run Available 09L/27R & 10R/28L	3 500	(11 483)
Landing Distance Available 09R/27L & 10L/28R	3 850	(12 631)
Landing Distance Available 09L/27R & 10R/28L	3 500	(11 483)
Runway bearings		
Estimated magnetic bearings in 2020	97° / 277°	
Runway End Safety Areas (RESA)		metres
Approaches 10L 28R 09R 27L	690 x 210	
Approach 27R	1 250 x 210	
Approach 28L	1 050 x 210	
Approach 09L	840 x 210	
Approach 10R	990 x 210	

Runways	metres
Runway lateral separation 10L/28R to 09R/27L	2 000
-ditto- 10R/28L to 10L/28R & 09L/27R to 09R/27L	380
Longitudinal slope (constant gradient) : east-west	+0.1%
Width over runway shoulders	75
Taxiways	
Taxiway width	25
Runway centreline to taxiway centreline	190
Taxiway centreline to taxiway centreline	95
Taxiway centreline to object	55
Aircraft stand taxilane centreline to object	50.5
End-around taxiways	
Runway ends 10L 28R 09R 27L	
Elevation of transverse ETA section to relative to threshold level [Limiting aircraft: FAA Group VI: tail fin height, 80 feet (24.4m)]	-9.75
Holding bays	
Runways ends: 10L 28R 09R 27L	630

Aircraft accessibility	All runways, taxiways (including the End-Around Taxiways) and aprons accommodate ICAO ARC Code F & FAA Group VI aircraft: except Aprons 1, 2 & 3 which, together with their associated taxiways and stands, accommodate aircraft up and including ICAO Code E / FAA Group V.
Notional Aircraft Stand provision for preliminary planning	Two stand modules are used throughout: these severally accommodate Code F (150 stands) and Code E (77 stands) aircraft. The latter are confined to Aprons 1, 2 & 3.
	Some 270 aircraft stands are provided using a Multiple Aircraft Ramp System (MARS).* The provision reflects the anticipated fleet mix of two thirds Code E / F aircraft, one third Code C / D.

- * 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.

Figure 16A Airport Diagram