



**PHYSICAL CHARACTERISTICS**

<b>Aerodrome category</b>		
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
<b>Declared distances</b>		
	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)
<b>Runway bearings</b>		
Estimated magnetic bearings in 2020		97° / 277°
<b>Runway End Safety Areas (RESA)</b>		
	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	

<b>Runways</b>		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
<b>Taxiways</b>		
Taxiway width		25
Runway centreline to taxiway centreline		190
Taxiway centreline to taxiway centreline		95
Taxiway centreline to object		55
Aircraft stand taxi-lane centreline to object		50.5
<b>End-around taxiways</b>		
Runway ends 10L 28R 09R 27L		
Elevation of transverse ETA section to relative to threshold level		-9.75
[Limiting aircraft: FAA Group VI: tail fin height, 80 feet (24.4m)]		
<b>Holding bays</b>		
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