

WSSS AD 2.10 AERODROME OBSTACLES					
IN APPROACH / TKOF AREAS			IN CIRCLING AREA AND AT AD		
<i>Rwy/Area affected</i>		<i>Obst type, Elev, Markings/Igt</i>	<i>Coordinates</i>	<i>Obst type, Elev, Markings/Igt</i>	
<i>1</i>		<i>2</i>	<i>3</i>	<i>1</i>	
<i>1</i>		<i>2</i>	<i>3</i>	<i>2</i>	
a)	Rwy 20R Apch Rwy 02L Tkof	Mast hgt ranging from 30m AMSL and above.	Shipping channel approximately 1290m fm thr Rwy 20R.	a)	Surface wind direction sleeves Located at each end of rwy adjacent to GP hut
b)	Rwy 20C Apch Rwy 02C Tkof	Mast hgt ranging from 30m AMSL and above.	Shipping channel approximately 2630m fm thr Rwy 20C.	b)	PAR hut Besides Rwy 02L/20R, opposite the PTB
c)	Rwy 02L/20R Apch Rwy 02L/20R Tkof Rwy 02C/20C Apch Rwy 02C/20C Tkof	ILS LLZ co-located with LLZ antennas.	Within the rwy strip.	c)	Frangible PAR reflectors Located at ends of Rwy 02L/20R
d)	Rwy 20R Apch	Two antennae, hgt 22m AMSL, marked and lgted.	012311N 1035928E	d)	GP huts co-located with GP antennas Within the rwy strip
e)	Rwy 20R Apch	Antenna, hgt 27m AMSL, marked and lgted.	012315N 1035931E	e)	Antenna, hgt 25m AMSL, marked and lgted. 012036N 1035819E
f)	Rwy 02L Apch	Antenna, hgt 25m AMSL, marked and lgted.	012051N 1035827E	f)	Antenna, hgt 26m AMSL, marked and lgted. 012039N 1035821E
g)	Rwy 02L Apch	Pole, hgt 39m AMSL, marked and lgted.	011859N 1035748E	g)	Antenna, hgt 24m AMSL, marked and lgted. 012042N 1035823E
h)	Rwy 02L Apch	Pole, hgt 49m AMSL, marked and lgted.	012058N 1035814E	h)	Antenna, hgt 25m AMSL, marked and lgted. 012053N 1035827E
i)	Rwy 02L Apch	Pole, hgt 40m AMSL, marked and lgted.	012038N 1035848E	i)	Antenna, hgt 24m AMSL, marked and lgted. 012049N 1035826E
j)	Rwy 20L Apch	Shipping channel	approximately 1600m fm thr Rwy 20L.	j)	ILS glide slope antenna hut loc 93m west of rwy 02R/20L centreline and 300m (1,000ft) up the corresponding thr.
				k)	Surface wind measurement wind sleeves loc at each end of Rwy 02R/20L adj to the glide slope hut which is 300m (1,000ft) up the thr.

Obstacles in the apch/tkof areas, circling area and at the aerodrome are shown on the AOC, IAC and VAC.