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SIMULTANEOUS MOVEMENT OF AIRCRAFT AT HOSEA KUTAKO INTERNATIONAL AIRPORT (FYWH)

1. Non-Compliance

The separation distance between the runway centerline to the taxiway centerline is 120 m, contrary to the specified required distance of 172.5m. Thus, the airport falls short of this requirement by 52.5 m. In addition, the parallel taxiway is within the runway strip.

The NAC identified the following areas as not compliant with the requirements of NAMCARs 139:

- The centre to centre line distance from the runway to the parallel taxiway is not sufficient as per NAMCARs 139.02.2 (a).
- The parallel taxiway is within the runway strip

2. Allowable Simultaneous Movements

- a. CODE C or higher is allowed to take off or land provided the parallel taxiway is NOT occupied by ANY aircraft.
- b. The simultaneous use of the runway for a code A and B aircraft landing or taking off while a code D aircraft and lower is taxiing is acceptable.

c. Mixed Aircraft Operations (Departure holding points)

Any aircraft type is permitted to hold in the loop for departure at a distance of at least 90m from the runway centerline while another aircraft is landing on the same runway, in Visual Metrological Conditions (VMC) only.

d. Mixed Aircraft Operations (Taxi for departure):

This aircraft operation allow aircraft to taxi at the same time for an intersection or full length departure using runway 08/26, provided that the aircraft taking the intersection ahead takes-off first.

e. **Mixed Aircraft Operations (Landing-Roll Complete):**

Any aircraft will be permitted to taxi from the apron once the landing aircraft (Code C,D and E) announces that landing roll is complete. All pilots in code C, D and E aircraft must announce to ATC once landing roll is complete.

3. Aircraft operational restrictions

When a CODE C aircraft or higher is landing or taking off no taxiing of aircraft on the parallel taxiway is permitted.

4. List of Aircraft and their ICAO Codes according to ICAO doc 9157, part 1-Aerodrome Design Manual

Type of Aircrafts

Aircraft type	Aircraft code
A330-200	E
B777-200	E
B787-800	E
B787-800	E
A330-300	E
A330-200	E
A330-300	E
A330-200	E
A330-300	E

Table 1: Wide-bodied aircraft

Aircraft type	Aircraft code
A319-200	C
ERJ-190	C
B737-800	C
B737-800	C
A320-210	C
A319-110	C
B737-800	C
B737-400	C
B737-700	C
B737-800	C
AN24	C
AN26	C
ERJ-135	B
ERJ-135	B
ERJ-145	B
F900	B
LJ31	A

Table 2: Narrow-bodied aircraft

Aircraft Code	Aircraft	
Code A Aircraft	AC90	C500
	BE36	FA10
	BE55	LJ24
	BE40	LJ35
	C152	LJ45
	C172	LJ55
	C182	M20P
	C206	P28A/R
	C208	PA32
	C210	PA34
	C310	P46T
	C340	PRM1
	C425	GA8
Code B Aircraft	BE20	C404
	BE90	FA20
	B190	F406
	C525	PC12
	CRJ2	CL60
Code C Aircraft	CVLT	DC3
	F28	DC4
	FA7X	GLEX

Table 3: Non Scheduled aircraft types