

Asia/Pacific Airport Coordinators Association (APACA)

Agenda Item 6

The questionnaire results on the constraints
On the aircraft operations in terms of environment protection

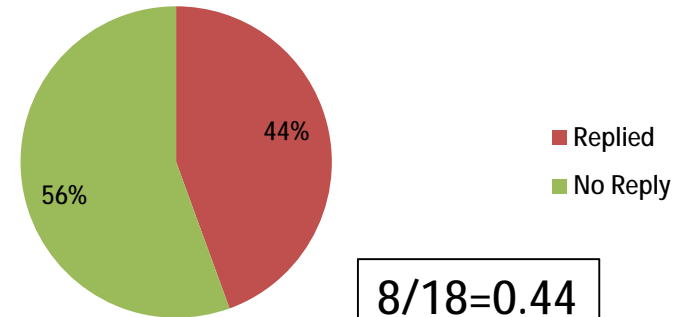
4th APACA meeting
15 June, 2012
Barcelona, Spain

The Questionnaire Results On Constraints In Terms of Environment Protection (1)

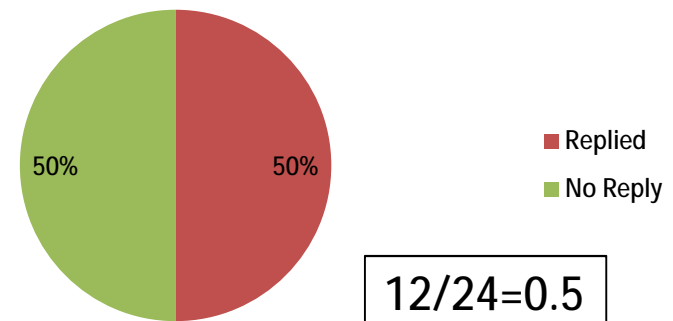
1. Responses received

Economy	Organization	Airports	
Australia	ACA	8	
Chinese Taipei	ACT	2	
Hong Kong	HKSCO	1	
India	DEL	1	
	BOM	1	
	BLR	1	
	HYD	1	
Japan	JSC	3	
	NGO	1	
Malaysia	ACM	1	
Pakistan	PCAA	4	
Thailand	SCT	3	
Total	8	12	27

Reply Rate in Economy Wise



Reply Rate in Organization Wise



1. The response rate was less than 50%. (very low rate)
2. The information of 27 airports was gathered.

The Questionnaire Results On Constraints In Terms of Environment Protection (2)

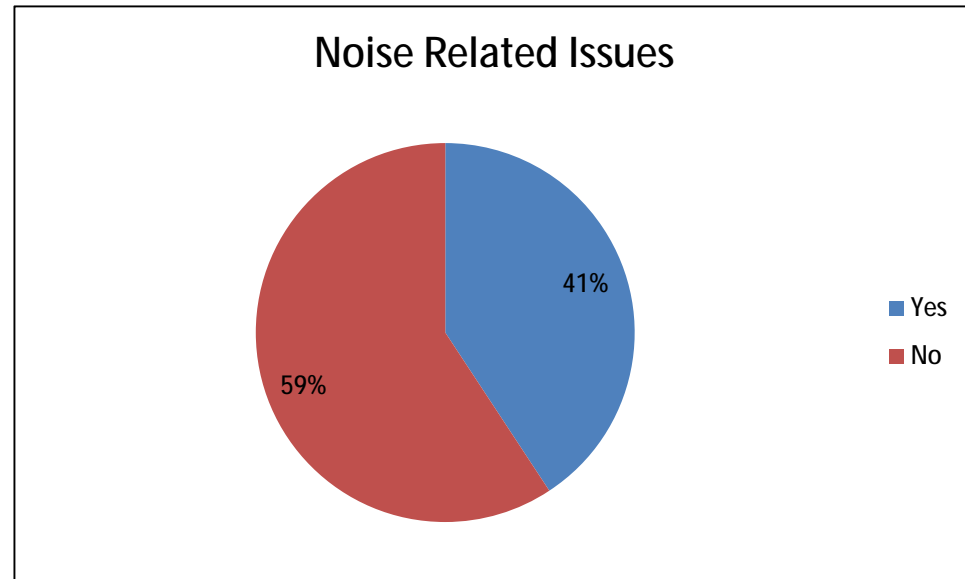
2. Questions asked

Category of Question	Questions Asked
1 Noise Related Issue	Do you have any noise related issues at your airport?
2 Preferential use of runway	Is there any preferential use of runways?
	Nature of runway use?
3. Restriction of certain type of aircraft	Yes or No?
	Nature of restriction?
4. Concession on the operation of certain type of aircraft	Yes or No?
	Nature of restriction?
5. Noise Quota	Is there any restriction on the number of operations per day, week, or year?
	Nature of quota
6. Night Curfew	Yes or No?
	Nature of curfew?

The Questionnaire Results On Constraints In Terms of Environment Protection (3)

1. Noise Related Issue

Noise Related Issues	
Yes	11
No	16

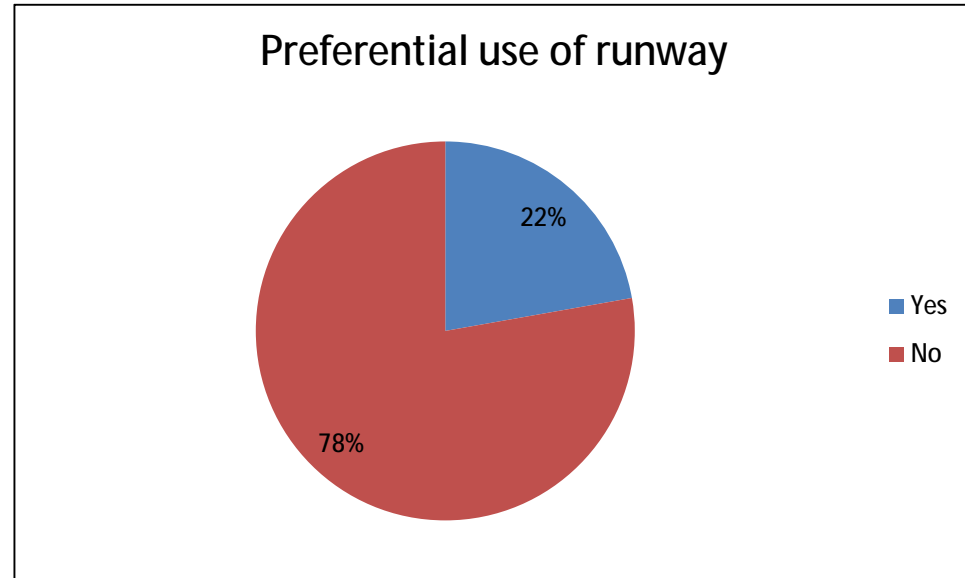


1. 41% of airports have noise related issues.

The Questionnaire Results On Constraints In Terms of Environment Protection (4)

2. Preferential use of runway

Preferential use of runway	
Yes	6
No	21



Nature of operations

1. The operations of over water are instructed by ATC to reduce the noise problem.
2. The operations over the residential area are avoided during the night time.

The Questionnaire Results On Constraints In Terms of Environment Protection (5)

3. Restriction on certain type of aircraft

Restriction on certain type of aircraft	
Yes	16
No	11

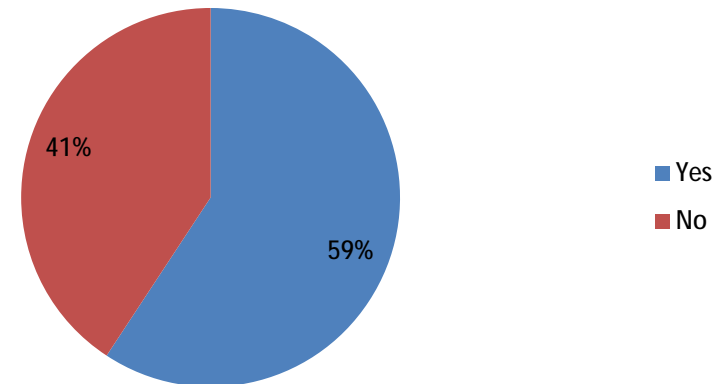
Nature of restriction

1. Aircraft specified in ICAO Annex 16 Volume I, Part II, Chapter 3 are allowed.
2. Aircraft specified in ICAO Annex 16 Volume I, Part II, Chapter 3 and 4 are allowed.
3. Aircraft specified in ICAO Annex 16 Volume I, Part II, Chapter 2 are not permitted to operate.

4. Concession

1. There is no concession for 100%.

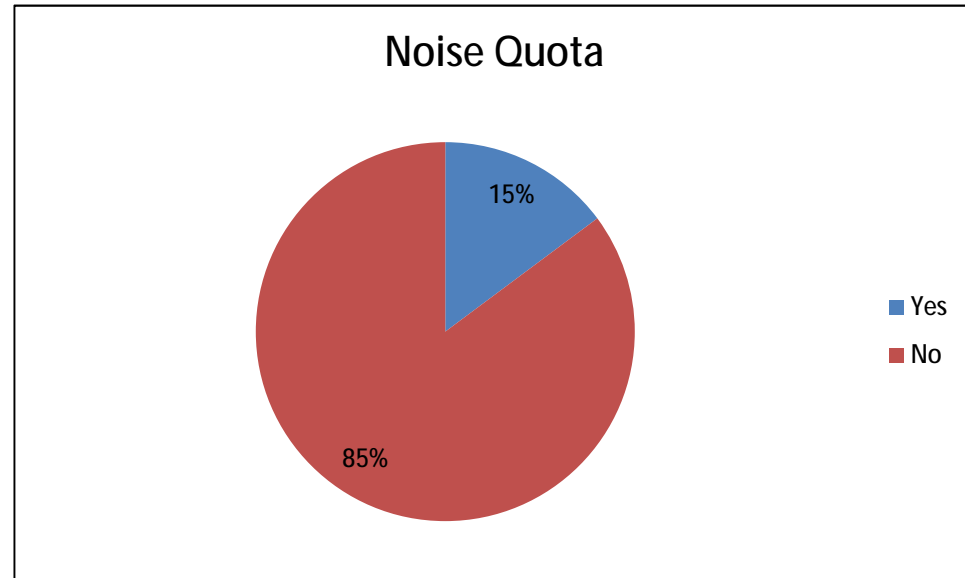
Restriction on certain type of aircraft



The Questionnaire Results On Constraints In Terms of Environment Protection (6)

5. Noise Quota

Noise Quota	
Yes	4
No	23



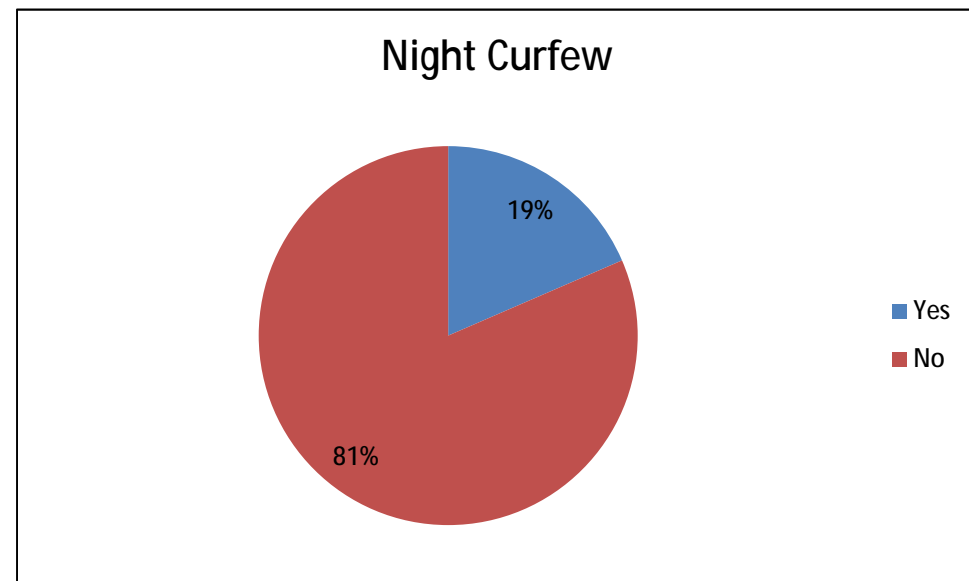
Nature of quota

- 1,360 operations per day are allowed.
- 720 operations per day are allowed.
36 operations (21:00-23:00), 34 operations (23:00-00:00) are allowed.
- 4,806 operations per week are allowed.
16 operations (21:00-21:25), 8 operations (21:30-21:55), 10 operations (22:00-22:55)
- 1,040 operations per day are allowed.
Dep5/Arr40 (22:00-22:55), Dep0/Arr8 (23:00-23:25), Dep4/Arr4 (23:30-23:55),
20 operations (00:00-05:55) are allowed.

The Questionnaire Results On Constraints In Terms of Environment Protection (7)

6. Night Curfew

Night Curfew	
Yes	5
No	22



Nature of curfew

1. Jet aircraft operations (23:00-06:00) are prohibited.
2. Jet aircraft operations (23:00-06:00) are prohibited.
24 international arrivals (05:00-05:59) are allowed per week.
3. Aircraft operations (23:00-06:00) are prohibited.
4. Aircraft operations (24:00-06:30) are prohibited.