



## **Aerodrome Advisory Circular**

### **AC(AD) No-11**

**Procedures to evaluate the impact on Safety by the proposed change in the  
Physical characteristics, Facilities or Equipment at an Aerodrome**

**26 June 2011**

Civil Aviation Authority, Bangladesh

AC NO-11

**Procedures to evaluate the impact on Safety by the proposed change in the Physical characteristics, Facilities or Equipment at an Aerodrome**

Evaluation will be done on the basis of following:-

1. **Name of the Aerodrome:** .....
2. **Location of the proposed work:** .....
3. **Proposed date of starting the work:** .....
4. **Duration of the proposed work:** .....
5. **Nature of the proposed changes: (Appropriate one will be taken)**

Physical characteristics of any part of Movement area or Airport terminal building.

Introduction of new Facility.

Installation of new Equipment.

Any other (brief description): .....

6. **Details of the proposed change:**

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.....  
.....  
.....

**7. Impact of proposed change on the Safety of existing operation, and Proposed mitigation**

measures: (Appropriate one to be taken)

Impact of proposed change	Proposed mitigation measures
a. Affect certain Navigation aid.	a. Aircraft may use an alternate Nav. aid. (Mention the Nav. aid) ..... or, may fly VFR, if possible, or, operate after the Notamized period.
b. Affect precision approach of aircraft during the Notamized period. (Mention the approach) ..... .	b. Aircraft may use a non-precision approach, (Mention the approach) ..... or, make visual approach, if possible, or, land after the Notamized period.
c. Affect non-precision approach of aircraft. (Mention the approach)	c. Aircraft may make Visual approach, or, land after the Notamized period.
d. Create obstruction on the approach path. (Mention the Rwy)	d. Aircraft may use opposite Rwy. or, land with caution, or, land after the Notamized period.
e. Affect the Rwy length. Mention the remaining length: .....meters.	e. Aircraft may confine the landing/ take-off role within the remaining length, or, may minimize the AUW, or, land after the Notamized period.
f. Affect the Rwy surface. Surface may become- Rough / Slippery / Bumpy / Any other (to be mentioned).	f. Aircraft may land with caution, or, land after the Notamized period.
g. Affect ground movement of aircraft.	g. Aircraft may move with caution, or, follow alternate way as per NOTAM or as advised by ATC, or, operate after the Notamized period.
h. Affect parking of aircraft.	h. Aircraft may park with caution, or, park with caution at alternate/ non- standard parking as advised by ATC, or, operate after the Notamized period.
i. Affect loading and off-loading of passenger or cargo.	i. Loading and off-loading may be done with caution, or, by alternate means, if possible, or, after the Notamized period.
j. Affect passenger handling in terminal building.	j. Passenger handling may be done- with caution, or, by alternate way, if possible, or, after the Notamized period.
k. Affect Air Traffic Control.	k. Aircraft may follow Advisory Service, or Flight Information Service, if available, or, may operate after the Notamized period.
l. Affect CFR facilities.	l. Aircraft may opt to operate with the impaired CFR facilities, or, may operate after the Notamized period.
m. Any other possible impact: ..... ..... ..... ..... .....	m. Any other pertinent advice: ..... ..... ..... .....

**8. The following additional measures shall be taken:**

- 8.1 In all cases of possible impact, appropriate cordoning, signage, obstruction marking, obstruction lighting shall be provided.
- 8.2 Proper coordination shall be made with ATC and Security.
- 8.3 Cautionary measures shall be taken whenever there is possibility of movement of equipment and/or vehicles through any part of the aerodrome movement area.
- 8.4 ATC shall remain vigilant to monitor the overall activities and caution pilots as appropriate.

### **9. Procedure to accept or reject the evaluation conducted by the Aerodrome operator**

On getting the proposal from Aerodrome Operator the following actions shall be taken at the CAAB HQ:-

<b>Action Steps</b>	<b>Action office</b>	<b>Actions</b>
1.	Director (ATS/Aero)	a) Shall verify the justification of the proposed change with available documents; b) Forward to Director (FS&R) for verification.
2.	Director (FS&R)	a) Verify the safety aspect of the proposed change with available documents; b) If necessary, conduct a physical inspection of the proposed site through the Aerodrome Inspector(s) for resolution; c) Forward with comments to Director (ATS/Aero) for onward necessary action.
3.	Director (ATS/Aero)	Forward the report, with appropriate recommendation, to Chairman, CAAB for approval.
4.	Director (ATS/Aero)	After getting the approval from Chairman, he will send letter of approval to the Aerodrome operator for onward necessary action.

Chairman, Civil Aviation Authority, Bangladesh is pleased to issue this Advisory Circular in pursuance of Rule 4&260C (21) of CAR '84



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