



## NPA No.03/2012

### CAR PART IX, (AERODROMES)

#### APPENDIX 17 (New insert)

#### WIND DIRECTION INDICATOR

**Release Date: 15-02-2012**

The General Civil Aviation Authority (GCAA) is to amend regulations related to Aerodromes, specifically with the addition of regulations to Wind Direction Indicators.

ICAO Standards and Recommended Practices (SARPS) Annex 14 Volume 1 (Aerodromes) publishes SARPS that have not been incorporated into the GCAA Civil Aviation Regulations, CAR Part IX. (Refer to ICAO Annex 14 (Volume 1) paragraph 5.1.

It is intended that these SARPS will be adopted into CAR Part IX (Aerodromes) at Appendix 17 as a new addition:

#### 1 CAR PART IX (Aerodromes) Appendix 17, Wind Direction Indicator

An aerodrome shall be equipped with at least one wind direction indicator.

#### 2 Location

A wind direction indicator shall be located so as to be visible from aircraft in flight or on the movement area and in such a way as to be free from the effects of air disturbances caused by nearby objects.

#### 3 Characteristics

3.1 The Wind Direction Indicator should be in the form of a truncated cone made of fabric and should have a length of not less than 3.6 m and a diameter, at the larger end, of not less than 0.9 m. It should be constructed so that it gives a clear indication of the direction of the surface wind and a general indication of the wind speed. The colour or colours should be so selected as to make the wind direction indicator clearly visible and understandable from a height of at least 300 m, having regard to background.

3.2 Where a combination of two colours is required to give adequate conspicuity against changing backgrounds, they should preferably be orange and white, red and white, or black and white, and should be arranged in five alternate bands, the first and last bands being the darker colour.





3.3 The Wind Direction Indicator shall be:

- Outside the Cleared and Graded Area
- Clear of the Obstacle Free Zone
- Clear of the ILS critical / sensitive areas

3.4 The location of at least one wind direction indicator should be marked by a circular band 15 m in diameter and 1.2 m wide. The band should be centred about the wind direction indicator support and should be in a colour chosen to give adequate conspicuity, preferably white.

3.5 Provision shall be made for illuminating at least one wind indicator at an aerodrome intended for use at night.

This notice is published to announce to the public this addition to the regulations and to entitle all concerned parties, especially Aerodrome Certificate / Licence Holders in each Emirate to:

- Review the proposed regulations;
- E-mail their comments to the below address:

Ms Paula Laws  
Aerodrome Operations Senior Inspector  
Aerodrome Section  
ANA Department  
General Civil Aviation Authority

e-mail: [plaws@gcaa.gov.ae](mailto:plaws@gcaa.gov.ae)  
cc: [jgrimes@gcaa.gov.ae](mailto:jgrimes@gcaa.gov.ae)

The comments on the proposal must be received at the above addresses within 30 days of the publishing of this notice.

Following the consultation process, amendments will enter into force by means of the publication of a NOTAC.

  
**FOR/DIRECTOR GENERAL**  
**OMAR BIN GHAIEB**

