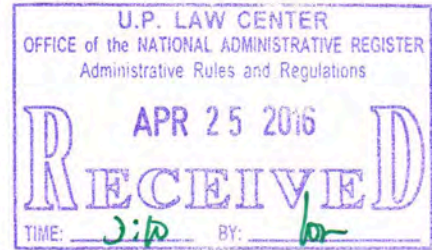




**MEMORANDUM CIRCULAR NO.:** 17-16



**TO :** ALL CONCERNED

**FROM :** THE DIRECTOR GENERAL

**SUBJECT :** AMENDMENT TO PHILIPPINE CIVIL AVIATION REGULATIONS - AIR NAVIGATION SERVICES (CAR-ANS) PART 5 INCORPORATING AMENDMENT 17 TO ANNEX 5

**REFERENCE:**

1. Philippine Civil Aviation Regulations- Air Navigation Services
2. ICAO Annex 5
3. ICAO Annex 5; Amendment 17
4. Regulations Amendment Procedures
5. Board Resolution No. 2012-054 dated 28 September 2012

Pursuant to the powers vested in me under the Republic Act 9497, otherwise known as the Civil Aviation Authority Act of 2008 and in accordance with the Board Resolution No.: 2012-054 dated 28 September 2012, I hereby approve the incorporation of ICAO Annex 5 Amendment No. 17 to the Philippine Civil Aviation Regulations – Air Navigation Services (CAR-ANS) Part 5.

**ORIGINAL REGULATIONS:**

**CAR-ANS PART 5**

...

**5.3. Standard Application of Units of Measurement**

...

**5.3.3 The application of units of measurement for certain quantities**

*Table 3 : Application of units of measurement for certain quantities*

Ref. No.	Quantity	Primary unit (symbol)	Non-SI Alternative unit (symbol)
...			
<b>4. Mechanics</b>			
...	...	...	...
4.16	wind speed	km/h	kt
...	...	...	...

...

**CERTIFIED PHOTOCOPY  
 (NOT VALID WITH ERASURES/ALTERATION)**

*Miguel C. Lapiad*  
 MIGUELA C. LAPIAD 4-25-16  
 Records Officer III  
 Central Records and Archives Division

e) The decibel (dB) is a ratio which may be used as a unit for expressing sound pressure level and sound power level. When used, the reference level must be specified.

**5.4 Termination of use of Non-SI Alternative units**

...

**AMENDED REGULATIONS:**

**CAR-ANS PART 5**

...

**5.3. Standard Application of Units of Measurement**

...

**5.3.3 The application of units of measurement for certain quantities**

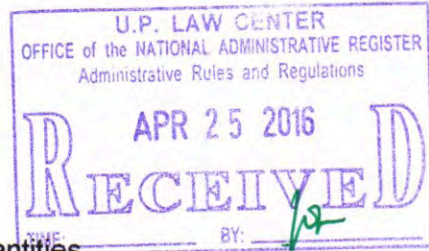


Table 3 : Application of units of measurement for certain quantities

Ref. No.	Quantity	Primary unit (symbol)	Non-SI Alternative unit (symbol)
...			
<b>4. Mechanics</b>			
...	...	...	...
4.16	wind speed	m/s	kt
...	...	...	...

...

e) A conversion of 1 kt = 0.5 m/s is used in ICAO Annexes for the representation of wind speed.

f) The decibel (dB) is a ratio which may be used as a unit for expressing sound pressure level and sound power level. When used, the reference level must be specified.

**5.4 Termination of use of Non-SI Alternative units**

...

**EFFECTIVITY CLAUSE:**

Fifteen (15) days after publication in a requisite single newspaper of general circulation or the Official Gazette and a copy filed with the U.P. Law Center - Office of the National Administrative Register, this Memorandum Circular shall take effect and supersede any orders and/or memoranda in conflict herewith.

So ordered. Signed this 22 day of APR 2016, CAAP, Pasay City.

**LT GEN WILLIAM K HOTCHKISS III AFP (Ret)**

**CERTIFIED PHOTOCOPY  
(NOT VALID WITH ERASURES/ALTERATION)**

*[Signature]*  
**MIGUELA C. LAPIAD** 4-25-16  
 Records Officer III  
 Central Records and Archives Division