



Republic of the Philippines
Professional Regulation Commission
Manila



PROFESSIONAL REGULATORY BOARD OF AERONAUTICAL ENGINEERING

Resolution No. 03
Series of 2022

**RECOMMENDING AN UPDATED LIST OF NON-PROGRAMMABLE
CALCULATORS ALLOWED TO BE USED IN THE
AERONAUTICAL ENGINEERING LICENSURE EXAMINATIONS**

WHEREAS, Republic Act (R.A.) No. 8981 or the "PRC Modernization Act of 2000" empowers the Professional Regulation Commission (Commission) to administer, implement and enforce the regulatory policies of the national government with respect to the regulation and licensing of the professions under its jurisdiction; administer and conduct the licensure examinations of the various regulatory Boards in accordance with the rules and regulations it promulgated; and to adopt measures to preserve the integrity and inviolability of the licensure examinations, among others;

WHEREAS, the Commission, pursuant to its powers under R.A. No. 8981, issued Memorandum Circular (MC) No. 21 (s. 2009) prescribing the updated list of non-programmable calculators allowed to be used in the licensure examinations;

WHEREAS, the Professional Regulatory Board of Aeronautical Engineering (Board) deemed it necessary to review the current list of allowable calculators and to draw up a new list of calculators, taking into consideration the technical features and functionalities of those on the list and those not enumerated therein but are available in the market;

WHEREAS, the Board of Civil Engineering previously issued a list of calculators that are only allowed to be used in the Civil Engineers Licensure Examination;

WHEREAS, the Board agrees with most of the findings of the Board of Civil Engineering, as stated in Civil Engineering Board Resolution No. 02 (s. 2020), to wit:

- a. *Many of the calculators listed under MC No. 21 (s. 2009) have no algebraic logic and trigonometric functions which render those calculators inadequate for the licensure examinations;*
- b. *Some calculators have built-in telephone and e-mail modes;*
- c. *Some of the listed models are erroneous, non-existing, or duplicated or vintage;*
- d. *The calculator model Casio fx 570 ES/ES Plus have exactly the same features as the prohibited Casio fx 991ES/ES Plus; and*
- e. *Available models with algebraic logic and trigonometric functions of some brands in the list are not included.*

UPON THESE CONSIDERATIONS, the Board **RESOLVES**, as it is hereby **RESOLVED**, to issue a List of Non-Programmable Calculators Allowed to be Used in Aeronautical Engineering Licensure Examinations (Annex A) to be implemented starting the November 2022 Aeronautical Engineering Licensure Examination.


This Resolution shall take effect after fifteen (15) days following its publication.

Let a copy hereof be deposited to the UP Law Center-National Administrative Register.

Done this **17th** day of **August, 2022** in the City of Manila.



REDENTOR C. MALIA
Member



ERNESTO B. FERRERAS, JR.
Chairman

VACANT
Member

ATTESTED BY:



Atty. Lovelika T. Bautista
Chief, PRB Secretariat Division

APPROVED:



TEOFILO S. PILANDO, JR.
Chairman



JOSE Y. CUETO, JR.
Commissioner



ERWIN M. ENAD
Commissioner

DATE OF PUBLICATION IN THE

DAILY TRIBUNE : **August 29, 2022**
Date of Effectivity : **September 14, 2022**

ANNEX "A"**SUBJECT: LIST OF ALLOWED CALCULATORS IN AERONAUTICAL ENGINEERING LICENSURE EXAMINATIONS****I. CASIO SCIENTIFIC CALCULATORS**

Fx-95MS	Fx-122S	Fx-350HA	Fx-82ES PLUS
Fx-100D	Fx-220	Fx-350MS	Fx-85MS
Fx-100MS	Fx-250HC	Fx-350TL	Fx-85W
r-x-100S	9<-260	Fx-570AD	Fx-901
Fx-100W	Fx-300W	Fx-570MS	Fx-911W
Fx-115MS	Fx-350D	Fx-570S	Fx-991MS
Fx-115S	Fx-350ES PLUS	Fx-570W	Fx-991S
Fx-115WA	Fx-350EX	Fx-82EX	Fx-991W

II. CANON SCIENTIFIC CALCULATORS

F-502	F-710	F-718SG	F-720i
F-502G	F-718S	F-718SGA	F-760S
F-604	F-718SA	F-720	-xxx-

III. SHARP SCIENTIFIC CALCULATORS

EL-500W	EL-506W	EL-510R	EL-531XH
EL-501V	EL-509D	EL-520G	EL-531W
EL-501W	EL-509R	EL-520VA	EL-546L
EL-501X	EL-509V	EL-520W	EL-546VA
EL-506P	EL-509W	EL-520X	EL-556G
EL-506V	EL-509X	EL-531VH	EL-W531

IV. HEWLETT-PACKARD SCIENTIFIC CALCULATORS

HP 95	HP IOS	HP 30S	HP Smartcalc 300S
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V. CITIZEN SCIENTIFIC CALCULATORS

SR-135N	SR-260N	SR-270N	SR-270X	SR-281N
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VI. AURORA SCIENTIFIC CALCULATORS

AX-501	AX-528BL	AX-595TV	AX-597W	AX-600S
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VII. OLYMPIA SCIENTIFIC CALCULATORS

LCD 8110	LCD 9210	ES-570MS	ES-570ES PLUS
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VIII. TEXAS INSTRUMENTS SCIENTIFIC CALCULATORS

TI-30XA	TI-30XIIS	TI-30XS	TI-34	TI-36X PRO
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IX. OTHER BRANDS

KARCE KC-S991	KARCE KC-S3500
PORPO YH-105	PORPO YH-106
TAKSUN TS-98MS	TAKSUN TS-2000