| **4.1** | **GENERAL** |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **4.1.1** | **APPLICABILITY** |  |  |  |  |
| (a) | Part 4 prescribes the requirements for registration and marking of Civil Aircraft under the  provisions of the Civil Aviation Law. |  |  |  |  |
| **4.1.1.2** | **RESERVED** |  |  |  |  |
| **4.1.1.3** | **ABBREVIATIONS** |  |  |  |  |
| (a) | The following abbreviations are used in Part 4: |  |  |  |  |
| (a)(1) | ADIZ - Air Defense Identification Zone |  |  |  |  |
| (a)(2) | DEWIZ - Distant Early Warning Identification Zone |  |  |  |  |
| **4.1.1.4** | **CLASSIFICATION OF AIRCRAFT** |  |  |  |  |
| (a) | Aircraft shall be classified as follows: |  |  |  |  |
| (b) | An aircraft that is intended to be operated with no pilot on board shall be classified as unmanned. |  |  |  |  |
| (c) | Unmanned aircraft shall include unmanned free balloons and RPA. |  |  |  |  |
| **4.2** | **REGISTRATION REQUIREMENTS** |  |  |  |  |
| **4.2.1.1** | **GENERAL** |  |  |  |  |
| (a) | No person may operate a civil aircraft that is eligible for registration under the laws of  the Republic of the Philippines unless it has been registered by its owner/operator  under the provisions of the laws of the Republic of the Philippines and the Authority  has issued a Certificate of Aircraft Registration for that aircraft which shall be carried  aboard that aircraft for all operations. |  |  |  |  |
| (b) | The certificate of aircraft registration shall be in English. |  |  |  |  |
| **4.2.1.2** | **REGISTRATION ELIGIBILITY** |  |  |  |  |
| (a) | An aircraft is eligible for registration if it is: |  |  |  |  |
| (a)(1) | Owned by or leased to a citizen or citizens of the Philippines or corporations or  associations organized under the laws of the Philippines at least sixty per centum  (60%) of whose capital is owned by Filipino citizens (as referred in Section 44 of  the RA 9497), or a government entity of the Republic of the Philippines; and |  |  |  |  |
| (a)(2) | Not registered under the laws of any foreign country. |  |  |  |  |
| (b) | A foreign-owned or registered aircraft may be eligible for registration, if utilized by  members of aero clubs organized for recreation, sport or the development of flying  skills as a prerequisite to any aeronautical activities of such clubs within the  Philippine airspace, and if so authorized by the Authority. |  |  |  |  |
| **4.2.1.3** | **APPLICATION** |  |  |  |  |
| (a) | A person who wishes to register an aircraft in the Republic of the Philippines must  submit an application for aircraft registration to the Authority in a form and manner  acceptable to the Authority. Each application shall: |  |  |  |  |
| (a)(1) | Certify as to citizenship as defined under Subpart 4.2.1.2; |  |  |  |  |
| (a)(2) | Show evidence identifying ownership or lease-agreement (as approved by the Authority); and |  |  |  |  |
| (a)(3) | Be signed in ink. |  |  |  |  |
| (b) | The fee provided for by law will be submitted with the application for aircraft registration to the Authority. |  |  |  |  |
| (c) | Upon an applicant meeting all requirements for registration, a Certificate of Aircraft Registration will be issued by the Director of Flight Standards Inspectorate Service. |  |  |  |  |
| **4.3** | **NATIONALITY AND REGISTRATION MARKS** |  |  |  |  |
| **4.3.1.1** | **APPLICABILITY** |  |  |  |  |
| (a) | This Subpart prescribes the requirements for the identification and marking of civil aircraft  registered in the Republic of the Philippines. |  |  |  |  |
| **4.3.1.2** | **GENERAL** |  |  |  |  |
| (a) | No person may operate a civil aircraft registered in the Republic of the Philippines unless it  displays nationality and registration marks in accordance with the requirements of this section. The letter or letters used to identify the nationality of the Republic of the Philippines shall conform to the requirements specified in this Part. This is to be followed by a series of numbers or letters assigned by the Authority in accordance with this Part. |  |  |  |  |
|  | Note: The nationality mark shall be selected from the series of nationality symbols  included in the radio call signs allocated to the State of Registry by the International  Telecommunication Union. |  |  |  |  |
| (b) | Unless otherwise authorized by the Authority, no person may place on any aircraft a design,  mark, or symbol that modifies or confuses the nationality and registration marks. The marks shall not be confused with the International Five Letter Code of Signals or Distress Codes. |  |  |  |  |
| (c) | Permanent marking of aircraft nationality and registration shall be painted on the aircraft or affixed by other means insuring a similar degree of permanence, have no ornamentation: |  |  |  |  |
| (c)(1) | Contrast in color with the background: and |  |  |  |  |
| (c)(2) | Be legible. |  |  |  |  |
| (d) | The Authority maintains a current register showing for each aircraft registered in the Republic of the Philippines, the information recorded in the Certificate of Registration. |  |  |  |  |
| (e) | The register of unmanned free balloons shall contain the date, time and location of release, the type of balloon and the name of the operator. |  |  |  |  |
| (f) | The Authority may issue a certificate of deregistration in accordance with subsection  4.3.1.13. |  |  |  |  |
| **4.3.1.3** | **NATIONALITY AND REGISTRATION MARKS TO BE USED** |  |  |  |  |
| (a) | Every aircraft duly registered by the Authority shall display the registration mark  assigned to such aircraft. The nationality and registration marks appearing on the  aircraft shall consist of a group of characters. |  |  |  |  |
| (b) | The nationality mark shall precede the registration mark. When the first character of the  registration mark is a letter, it shall be preceded by a hyphen. |  |  |  |  |
| (c) | The nationality mark for Philippine registered aircraft is RP. |  |  |  |  |
| (d) | The registration mark shall be a combination of letters and numbers assigned by the Authority. |  |  |  |  |
| (e) | The nationality and registration marks borne by aircraft shall consist of the following: |  |  |  |  |
| (e)(1) | The Roman capital letters "RP" immediately preceding identification number for aircraft used  solely for governmental purposes, and or belonging to the Philippine government, provinces,  municipalities, or political subdivisions (except those belonging to the Philippine Army). |  |  |  |  |
| (e)(2) | The Roman capital letters "RP-C" will classify aircraft, except gliders, as complying fully with  the airworthiness requirements as the case may be for the purpose of carrying persons or  property, for or without hire. |  |  |  |  |
| (e)(3) | Gliders complying fully with airworthiness requirements shall display the Roman capital  letters "RP-G" immediately preceding the license number or numbers |  |  |  |  |
| (e)(4) | The Roman capital letters "RP-R" will classify an aircraft as complying in some limited respect  with the airworthiness requirements as the case may be, provided each deficiency is  compensated for by means of suitable operation limitations. The certificate of an aircraft in  this classification will specify the use or uses, for such aircraft is deemed airworthy by such  use or uses, shall exclude carrying of passengers, and shall be for industrial purposes only. |  |  |  |  |
| (e)(5) | The Roman capital letters "RP-X" will classify an aircraft as one which has applied for an  experimental certificate. |  |  |  |  |
| (e)(6) | Non-type certificated aircraft will only be registered as “RP-S” (refer to Subpart 11.10.2 (b). |  |  |  |  |
| (e)(7) | The airworthiness symbol will be followed by a number or numbers issued for the purposes of  further identification |  |  |  |  |
| **4.3.1.4** | **DISPLAY OF MARKS: GENERAL** |  |  |  |  |
| (a) | Each owner shall display on that aircraft marks consisting of the Roman capital letter denoting nationality of the Republic of the Philippines followed by the registration number of the aircraft in Arabic numerals. Each suffix letter used in the marks displayed must also be a Roman capital letter. |  |  |  |  |
| (b) | If, because of the aircraft configuration, it is not possible to mark the aircraft in accordance with this Part, the owner may apply to the Authority for a different procedure. |  |  |  |  |
| **4.3.1.5** | **SIZE OF MARKS** |  |  |  |  |
| (a) | Each operator of an aircraft shall display marks on the aircraft meeting the size requirements of this section: |  |  |  |  |
| (b) | Height. The character marks shall be of equal height and on- |  |  |  |  |
| (b)(1) | Heavier-than-air aircraft, shall be at least: |  |  |  |  |
| (b)(1)(i) | 50 centimeters high if on the wings; and |  |  |  |  |
| (b)(1)(ii) | 30 centimeters high if on the fuselage (or equivalent structure) and vertical tail  surfaces |  |  |  |  |
| (b)(2) | Lighter-than-air aircraft other than unmanned free balloons, shall be at least 50 centimeters  High. |  |  |  |  |
| (b)(3) | Unmanned free balloons, shall be determined by the Authority taking into consideration the  size of the surface to which the identification plate is affixed. |  |  |  |  |
| (c) | Width. Characters must be two-thirds as wide as they are high, except the number "1", which must be one-sixth as wide as it is high, and the letters "M" and "W" which may be as wide as they are high. |  |  |  |  |
| (d) | Thickness. Characters shall be formed by solid lines one-sixth as thick as the character is high. |  |  |  |  |
| (e) | Spacing. The space between each character may not be less than one-fourth of the character  width. |  |  |  |  |
| (f) | Uniformity. The marks required by this Part for fixed-wing aircraft must have the same height,  width, thickness, and spacing on both sides of the aircraft. |  |  |  |  |
| (g) | Each operator of an aircraft penetrating an ADIZ or DEWIZ shall display on that aircraft temporary  or permanent nationality and registration marks at least 30 centimeters high. |  |  |  |  |
| **4.3.1.6** | **DEVIATIONS FOR SIZE AND LOCATION OF MARKS** |  |  |  |  |
| (a) | If a heavier-than-air aircraft does not possess parts corresponding to those  mentioned in 4.3.1.5 (b)(1), or if the parts are too small to accommodate the marks  described therein, the measurements of the marks shall be determined by the  Authority, taking account of the need for the aircraft to be identified readily. |  |  |  |  |
| (b) | If a lighter-than-air aircraft does not possess parts of sufficient size to accommodate  the marks described in 4.3.1.5 (b)(2), the measurements of the marks shall be  determined by the Authority, taking account of the need for the aircraft to be identified  readily. |  |  |  |  |
| **4.3.1.7** | **LOCATION OF MARKS ON FIXED-WING AIRCRAFT** |  |  |  |  |
| (a) | Fuselage/Tail: The aircraft shall display the required marks on either the vertical tail surfaces or the sides of the fuselage. |  |  |  |  |
| (b) | The marks required by paragraph (a) of this section shall be displayed as follows |  |  |  |  |
| (b)(1) | If displayed on the vertical tail surfaces, horizontally on both surfaces, horizontally on both  surfaces of a single vertical tail or on the outer surfaces of a multi-vertical tail. |  |  |  |  |
| (b)(2) | If displayed on the fuselage surfaces, horizontally on both sides of the fuselage between the  trailing edge of the wing and the leading edge of the horizontal stabilizer. |  |  |  |  |
| (b)(3) | If engine pods or other appurtenances are located in the area described in paragraph (b)(2)  and are an integral part of the aircraft, the operator may place the marks on those pods or  appurtenances. |  |  |  |  |
| (c) | Wings: the marks shall appear once on the lower surface of the wing structure as follows: |  |  |  |  |
| (c)(1) | Shall be located on the left half of the lower surface of the wing structure unless they extend  across the whole of the lower surface of the wing structure. So far as is possible, the marks  shall be located equidistant from the leading and trailing edges of the wings. |  |  |  |  |
| (c)(2) | The tops of the letters and numbers shall be toward the leading edge of the wing. |  |  |  |  |
| **4.3.1.8** | **LOCATION OF MARKS ON ROTORCRAFT** |  |  |  |  |
| (a) | Each operator of a rotorcraft shall display marks horizontally on both surfaces of the cabin,  fuselage, boom, or tail; such that the rotorcraft can be readily identified. |  |  |  |  |
| **4.3.1.9** | **LOCATION OF MARKS ON LIGHTER-THAN-AIR AIRCRAFT** |  |  |  |  |
| (a) | Airships. The operator shall place marks on an airship to appear on |  |  |  |  |
| (a)(1) | The hull, located lengthwise on each side of the hull and on its upper surface on the line of  symmetry; or |  |  |  |  |
| (a)(2) | The horizontal and vertical stabilizers surfaces- |  |  |  |  |
| (a)(2)(i) | For the horizontal stabilizer, located on the right half of the upper surface and on the  left half of the lower surface, with the tops of the letters and numbers toward the  leading edge; and |  |  |  |  |
| (a)92)(ii) | For the vertical stabilizer, located on each side of the bottom half stabilizer, with the  letters and numbers placed horizontally. |  |  |  |  |
| (b) | Spherical balloons (other than unmanned free balloons). The operator shall apply marks to appear in two places diametrically opposite each other and located near the maximum horizontal circumference of the balloon. |  |  |  |  |
| (c) | Non-spherical balloons (other than unmanned free balloons). The operator shall apply  marks to appear on each side, located near the maximum cross-section of the balloon  immediately above either the rigging band or the points of attachment of the basket suspension cables. |  |  |  |  |
| **(d)** | Lighter-than-air aircraft (other than unmanned free balloons)*.* The operator shall apply side marks to be visible both from the sides and from the ground. |  |  |  |  |
| (e) | Unmanned free balloons. The operator shall apply marks to appear on the identification plate. |  |  |  |  |
| **4.3.1.10** | **SALE OF AIRCRAFT: REMOVAL OF MARKS** |  |  |  |  |
| (a) | When an aircraft that is registered in Republic of the Philippines is sold, the holder of the  Certificate of Aircraft Registration shall remove, before its delivery to the purchaser, all nationality and registration marks of Republic of the Philippines, unless the purchaser is a citizen or other legal entity as prescribed in Subpart 4.2.1.2(a)(1). |  |  |  |  |
| **4.3.1.11** | **IDENTIFICATION PLATE REQUIRED** |  |  |  |  |
| (a) | The operator shall affix to each aircraft registered under the laws of the Republic of the  Philippines an identification plate |  |  |  |  |
| (a)(1) | Containing the marks of nationality and registration; |  |  |  |  |
| (a)(2) | Made of fireproof metal or other fireproof material of suitable physical properties; |  |  |  |  |
| (a)(3) | Secured to the aircraft in a prominent position, near the main entrance, or, in the case of a  free balloon, affixed conspicuously to the exterior of the payload. |  |  |  |  |
| (b) | Requirement of an aircraft identification plate |  |  |  |  |
| (b)(1) | Material: Fireproof material, stainless steel is preferred but other fireproof  material of suitable physical properties may be allowed; |  |  |  |  |
| (b)(2) | Size: Size shall be minimun of 1-inch x 2-inches or a maximum of 6 –inches by 3-  inches, depending on the size of the aircraft. Size may differ for each aircraft type; |  |  |  |  |
| (b)(3) | Location: Aircraft identification plate must be located inside the aircraft and near  the main entrance door or alongside with the manufacturer’s data plate; |  |  |  |  |
| (b)(4) | Contents: At least the nationality and registration marks; |  |  |  |  |
| (b)(5) | Markings: Machine etched not painted |  |  |  |  |
| **4.3.1.12** | **REGISTRATION FOR RPA** |  |  |  |  |
| (a) | Consistent with R.A. 9497 and PCAR Part 4, all large RPA and other RPA  required to be registered shall bear the registration markings “RP-U” followed by  the assigned number 001 to 999, followed by a letter from A to Z. |  |  |  |  |
| (b) | Required registration marks must be located on the visible side of the Electronic  Control Module (ECM). All RPAs where the ECM can be installed must comply  with the registration marking requirements of the Authority on the fuselage and/or  wing area. |  |  |  |  |
| (c) | Size of registration marks must be proportionate to the RPA or ECM. |  |  |  |  |
| (d) | Registration marks must be made of waterproof, weather resistant inks, paints or  sticker (decal). |  |  |  |  |
| **4.3.1.13** | **CERTIFICATE OF DEREGISTRATION** |  |  |  |  |
| (a) | The certificate of deregistration will be issued in English language. |  |  |  |  |
| (b) | The certificate of deregistration will be issued in a form as prescribed in IS 4.3.1.13. |  |  |  |  |
| **IS: 4.3.1.13** | **CERTIFICATE OF DEREGISTRATION** |  |  |  |  |
|  | The certificate of deregistration will be issued using Figure 1 and contain the following details: |  |  |  |  |
| (a) | Nationality and Registration Marks; |  |  |  |  |
| (b) | Manufacturer and manufacturer’s designation of aircraft; |  |  |  |  |
| (c) | Aircraft Serial Number; |  |  |  |  |
| (d) | Name of certificate holder; |  |  |  |  |
| (e) | Address of certificate holder; |  |  |  |  |
| (f) | Name and contact information of owner, if different from certificate holder; |  |  |  |  |
| (g) | Deregistration statement with name of register and date; |  |  |  |  |
| (h) | Reason(s) for deregistration, if known; and |  |  |  |  |
| (i) | Signature of Director General. |  |  |  |  |
|  |  |  |  |  |  |