

Amendment to CAR Section 3 Series C Part IX - Annexure 4: Requirement for Site Selection, Specification and Operations of Water Aerodrome

Amendment is proposed in Para 1.2 and 3.2 of the Annexure-4 of CAR Section 3 Series C Part IX per draft given below.

1. Requirements For Site Selection	Existing Provisions in CAR Section 3 Series C Part IX (Annexure-4)	Amended Provisions in CAR Section 3 Series C Part IX (Annexure-4)
	1.2 Orientation of the water runway shall be such that cross wind operations are kept to a minimum and downwind operations shall be avoided. In other words the landing and take-off areas should be oriented to permit operations into wind. Nature Reserved designated marine areas and Fishing Grounds shall not be used for water aerodromes or to install floating platforms. The water runway shall be free from large obstructing coral rubbles to a definite depth and located inside protected waters which are safe to use during landing/take-off by a definite aircraft.	1.2 The number of water runways at a water aerodrome and their orientation shall be such that, for a large percentage of time but for not less than 95 percent there is at least one water runway for which the surface wind velocity component at right angles to its longitudinal axis will not preclude the landing or taking off of seaplane that the water aerodrome is intended to serve. In other words, the landing and take-off areas should be oriented to permit operations into wind. Nature Reserved designated marine areas and Fishing Grounds shall not be used for water aerodromes or to install floating platforms. The water runway shall be free from large obstructing coral rubbles to a definite depth and located inside protected waters which are safe to use during landing/take-off by a definite aircraft.
3.2 Water Runway and Runway strip requirements	3.2.1 The landing area (WA) should be rectangular in shape, and should encompass all parts of the water surface intended for the taking off and landing of seaplanes.	3.2.1 The water runway should be rectangular in shape, and should encompass all parts of the water surface intended for the taking off and landing of seaplanes.
	3.2.2: The following water aerodrome dimensions shall be available for the landing area (WA):	3.2.2 The following water aerodrome dimensions shall be available: a) The length of the water runway to be provided shall be adequate to

	a) The dimension of the landing area (WA) (Runway) shall be a minimum 800m X 60m. b) The dimension of landing area (WA) including strip shall not be less than 920m X 120m; and c) The depth of the water in the take-off and landing area (WA) shall not be less than 1.8m unless the airport is restricted to aircraft requiring less than 1.8m in which case the depth of the water shall be based on the requirements of aircraft type.	meet the operational requirements of the critical seaplane for which the landing area is intended and shall be not less than the longest length determined by applying the corrections for local conditions to the operations and performance characteristics of the relevant seaplanes. b) The width of the water runway shall be not less than 60 m. c) A protective area (strip) shall extend on each side from the edge of the water runway to a distance of not less than 30 m and on each end of the water runway to a distance of 60 m. d) The depth of the water measured at low water level in the water runway shall not be less than 1.8m (6 ft.) or less than 0.3 m below the hull or floats when the seaplane is stationary and loaded to maximum take-off weight.
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