**Compliance Declaration**

**Airside Infrastructure**

The form is used by the aerodrome operators to declare that the proposed Aerodrome Infrastructure is in compliance with CAA Aerodrome Standards (ASC 139-5). This form contains the standards related to:

Reference Code under Chapter 2.

Physical Characteristics areas under chapter 3.

Obstacle Limitation Surfaces under chapter 4.

Emergency Access Roads, Siting of Equipment and Installations on operational Areas, Fencing and ARIWS under chapter 9.

Instructions for Use

1. The organisation should use ‘reference(s)’ box to refer to the relevant documents/drawings to support their statement.
2. Applicant shall submit the aerodrome concept layout and airside infrastructure datasheet with this checklist.
3. Aerodrome concept layout shall depict the dimensions of runways, turnpads, taxiways, aprons, shoulders, aircraft parking positions, runway strip, taxiway strip, RESA, fences, gates, emergency access roads, taxiway and runway separation distances and declared distances. The layout also should show the runway holding positions with the distane from runway centerline.
4. If you have selected ‘No’ to any of the item, please confirm in the remarks coumn which standard cannot be met and what mitigation is applied.
5. Please use remarks column for any additional justification/information.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 5.2 | **General** |  |  |  |  |  |
| 5.2.1 | Reference Code |  |  |  |  |  |
| **3** | **Physical Characteristics** |  |  |  |  |  |
|  | **Runways** |  |  |  |  |  |
| 3.1.1-3.1.4 | Number, siting and orientation of runways |  |  |  |  |  |
| 3.1.5-3.1.6 | Runway threshold |  |  |  |  |  |
| 3.1.7-3.1.8 | Actual Length of runway and declared distances |  |  |  |  |  |
| 3.1.9 | Runways with stopways or clearways |  |  |  |  |  |
| 3.1.10 | Width of Runways |  |  |  |  |  |
| 3.1.11 | Minimum distance between parallel non-instrument runways |  |  |  |  |  |
| 3.1.12 | Minimum distance between parallel instrument runways |  |  |  |  |  |
| 3.1.13-3.1.14 | Longitudinal slopes of runways |  |  |  |  |  |
| 3.1.15-3.1.16 | Longitudinal slope changes on runways |  |  |  |  |  |
| 3.1.17 | Sight distance for slopes on runways |  |  |  |  |  |
| 3.1.18 | Distance between slope changes on runways |  |  |  |  |  |
| 3.1.19-3.1.20 | Transverse slopes on runways |  |  |  |  |  |
| 3.1.21 | Runway strength |  |  |  |  |  |
| 3.1.22-3.1.27 | Surface of runways |  |  |  |  |  |
| 3.3.1-3.3.6 | Runway turn pads |  |  |  |  |  |
| 3.3.7 | Slopes on runway turn pads |  |  |  |  |  |
| 3.3.8 | Strength of runway turn pads |  |  |  |  |  |
| 3.3.9-3.3.10 | Surface of runway turn pads |  |  |  |  |  |
| 3.3.11 | Width of shoulders for runway turn pads |  |  |  |  |  |
| 3.3.12 | Strength of shoulders for runway turn pads |  |  |  |  |  |
| 3.2 | Runway shoulders |  |  |  |  |  |
| 3.2.3 | Slopes on runway shoulders |  |  |  |  |  |
| 3.2.2 | Width of runway shoulders |  |  |  |  |  |
| 3.2.4 | Strength of runway shoulders |  |  |  |  |  |
| 3.2.5 | Surface of runway shoulders |  |  |  |  |  |
| 3.4.1 | Runway strip to be provided |  |  |  |  |  |
| 3.4.2 | Length of runway strip |  |  |  |  |  |
| 3.4.3-3.4.5 | Width of runway strip |  |  |  |  |  |
| 3.4.6-3.4.7 | Objects on runway strip |  |  |  |  |  |
| 3.4.8-3.4.12 | Grading of runway strips |  |  |  |  |  |
| 3.4.13-3.4.14 | Longitudinal slopes on runway strips |  |  |  |  |  |
| 3.4.15-3.4.16 | Transverse slopes on runway strips |  |  |  |  |  |
| 3.4.17-3.4.18 | Strength of runway strips |  |  |  |  |  |
| 3.6 | Clearways |  |  |  |  |  |
| 3.7 | Stopways |  |  |  |  |  |
| 3.8 | Radio altimeter operating area |  |  |  |  |  |
|  | **RESA** |  |  |  |  |  |
| 3.5.1-3.5.2 | Runway End Safety Areas (RESAs) |  |  |  |  |  |
| 3.5.3-3.5.6 | Dimensions of runway end safety areas |  |  |  |  |  |
| 3.5.7 | Objects on runway end safety areas |  |  |  |  |  |
| 3.5.8 | Clearing and grading of runway end safety areas |  |  |  |  |  |
| 3.5.9-3.5.11 | Slopes on runway end safety areas |  |  |  |  |  |
| 3.5.12 | Strength of runway end safety areas |  |  |  |  |  |
|  | **Taxiways** |  |  |  |  |  |
| 3.9.1-3.9.3 | Taxiways general |  |  |  |  |  |
| 3.9.4 | Width of taxiways |  |  |  |  |  |
| 3.9.5 | Taxiway curves |  |  |  |  |  |
| 3.9.6 | Junction and intersection of taxiways |  |  |  |  |  |
| 3.9.7 | Taxiway minimum separation distance |  |  |  |  |  |
| 3.9.8 | Longitudinal slopes on taxiways |  |  |  |  |  |
| 3.9.9 | Longitudinal slope changes on taxiways |  |  |  |  |  |
| 3.9.10 | Sight distance of taxiways |  |  |  |  |  |
| 3.9.11 | Transverse slopes on taxiways |  |  |  |  |  |
| 3.9.12 | Strength of taxiways |  |  |  |  |  |
| 3.9.13-3.9.14 | Surface of taxiways |  |  |  |  |  |
| 3.9.15-3.9.18 | Rapid exit taxiways |  |  |  |  |  |
| 3.9.19-3.9.21 | Taxiways on bridges |  |  |  |  |  |
| 3.10 | Taxiway shoulders |  |  |  |  |  |
| 3.11.1 | Taxiway strip |  |  |  |  |  |
| 3.11.2 | Width of taxiway strips |  |  |  |  |  |
| 3.11.3 | Objects on taxiway strips |  |  |  |  |  |
| 3.11.4 | Grading of taxiway strips |  |  |  |  |  |
| 3.11.5-3.11.6 | Slopes on taxiway strips |  |  |  |  |  |
| **3.12** | **Holding Bays, Holding Positions** |  |  |  |  |  |
| 3.12.1-3.12.5 | Holding bays, runway-holding positions, intermediate holding positions, and road-holding positions |  |  |  |  |  |
| 3.12.6 | Location of holding bays, runway-holding positions, intermediate holding positions, and road-holding positions |  |  |  |  |  |
|  | **Aprons** |  |  |  |  |  |
| 3.13.1 | General |  |  |  |  |  |
| 3.12.2 | Size of Aprons |  |  |  |  |  |
| 3.13.3 | Strength of Aprons |  |  |  |  |  |
| 3.13.4-3.13.5 | Slopes on aprons |  |  |  |  |  |
| 3.13.6 | Clearance distances on aircraft stands |  |  |  |  |  |
| 3.14 | Isolated Aircraft Parking Position |  |  |  |  |  |
| **4.2** | **Obstacle Limitation Requirements** |  |  |  |  |  |
|  | General |  |  |  |  |  |
| 4.2.1-4.2.6 | Non-instrument runways |  |  |  |  |  |
| 4.2.7-4.2.12 | Non-precision approach runways |  |  |  |  |  |
| 4.2.13-4.2.21 | Precision approach runways |  |  |  |  |  |
| 4.2.22-4.2.27 | Runways meant for take-off |  |  |  |  |  |
| 4.4 | Other objects |  |  |  |  |  |
| 4.3 | Objects outside the obstacle limitation surfaces |  |  |  |  |  |
|  | **Aerodrome operational services, equipment and installation** |  |  |  |  |  |
| 9.2.34-9.2.36 | Emergency access and service roads |  |  |  |  |  |
| 9.9 | Siting of equipment and installations on operational areas |  |  |  |  |  |
| 9.10-9.11 | Fencing and Security Lighting |  |  |  |  |  |
| 9.12 | Autonomous runway incursion warning system (ARIWS) |  |  |  |  |  |

Declaration

I hereby confirm that the details provided within this document is correct:

Signed:

For and on Behalf of the Applicant/Aerodrome operator:

Name:

Date:

Signed:

CAA Acceptance:

Name:

Date: