

**EASA Aerodromes Transition**

**Certification Basis (CB)**

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Certification Specifications (**Version 4**) Issued 8th December 2017

Changes highlighted in Blue

*Numerous CSs have been amended. Please check the EASA CS Book to assess the impact on your CB.*

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Name of Aerodrome:

Date of issue:

Version no:

**Chapter A – General**

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Reviewed & Understood?****Yes / No**  |
| A.001 | **Applicability** | Choose an item. |
| A.002 | **Definition** | Choose an item. |
|  |
| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| A.005 | **Aerodrome Reference Code** | NO |
| A.010 | **[*Intentionally Blank]*** | N/A |
| If you have selected ‘No’ to any of the above, identifying a non-compliance, please confirm below which CS cannot be met and what mitigation is applied:A.005 In the UK the reference code number (code element one) is determined by the greater value of TODA or ASDA not Aeroplane reference field length. (Special Condition) |

**Chapter B – Runways**

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| **Runways**Please complete the table below (dimensions in metres). |
| **Runway Designator** | **Approach & Runway Status[[1]](#footnote-1)** | **Code No./ Letter** | **Actual Length** |
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| **Runway Declared Distances**Please complete the table below (dimensions in metres). |
| **Runway Designator** | **TORA** | **TODA** | **ASDA** | **LDA** |
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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| B.015 | **Number, siting and orientation of runways** | Choose an item. |
| B.020 | **Choice of maximum permissible crosswind components *[Intentionally blank]*** | N/A |
| B.025 | **Data to be Used [*Intentionally blank]*** | N/A |
| B.030 | **Runway threshold** | Choose an item. |
| B.035 | **Actual Length of runway and declared distances** | Choose an item. |
| B.040 | **Runways with stopways or clearways** | Choose an item. |
| B.045 | **Width of Runways** | Choose an item. |
| B.050 | **Minimum distance between parallel non-instrument runways** | Choose an item. |
| B.055 | **Minimum distance between parallel instrument runways** | Choose an item. |
| B.060 | **Longitudinal slopes of runways** | Choose an item. |
| B.065 | **Longitudinal slope changes on runways** | Choose an item. |
| B.070 | **Sight distance for slopes on runways** | Choose an item. |
| B.075 | **Distance between slope changes on runways** | Choose an item. |
| B.080 | **Transverse slopes on runways** | Choose an item. |
| B.085 | **Runway strength** | Choose an item. |
| B.090 | **Surface of runways** | Choose an item. |
| B.095 | **Runway turn pads** | Choose an item. |
| B.100 | **Slopes on runway turn pads** | Choose an item. |
| B.105 | **Strength of runway turn pads** | Choose an item. |
| B.110 | **Surface of runway turn pads** | Choose an item. |
| B.115 | **Width of shoulders for runway turn pads** | Choose an item. |
| B.120 | **Strength of shoulders for runway turn pads** | Choose an item. |
| B.125 | **Runway shoulders** | Choose an item. |
| B.130 | **Slopes on runway shoulders** | Choose an item. |
| B.135 | **Width of runway shoulders** | Choose an item. |
| B.140 | **Strength of runway shoulders** | Choose an item. |
| B.145 | **Surface of runway shoulders** | Choose an item. |
| B.150 | **Runway strip to be provided** | Choose an item. |
| B.155 | **Length of runway strip** | Choose an item. |

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| B.160 | **Width of runway strip** | Choose an item. |
| B.165 | **Objects on runway strip** | Choose an item. |
| B.170 | **Non-precision approach and non-instrument runway strips** | Choose an item. |
| B.175 | **Grading of runway strips** | Choose an item. |
| B.180 | **Longitudinal slopes on runway strips** | Choose an item. |
| B.185 | **Transverse slopes on runway strips** | Choose an item. |
| B.190 | **Strength of runway strips** | Choose an item. |
| B.191 | **Drainage characteristics of the movement area and adjacent areas** | Choose an item. |
| B.195 | **Clearways** | Choose an item. |
| B.200 | **Stopways** | Choose an item. |
| B.205 | **Radio altimeter operating area** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter C – Runway End Safety Areas (RESAs)**

Please complete / amend the table below (dimensions in metres)

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| --- | --- | --- | --- |
| **Runway Designator & Aerodrome Code** | **Undershoot RESA****Dimensions** | **Overrun RESA (Landing)****Dimensions** | **Overrun RESA (Take-off)****Dimensions** |
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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| C.210 | **Runway End Safety Areas (RESAs)** | Choose an item. |
| C.215 | **Dimensions of runway end safety areas** | Choose an item. |
| C.220 | **Objects on runway end safety areas** | Choose an item. |
| C.225 | **Clearing and grading of runway end safety areas** | Choose an item. |
| C.230 | **Slopes on runway end safety areas** | Choose an item. |
| C.235 | **Strength of runway end safety areas [*Intentionally Blank]*** | N/A |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter D – Taxiways**

Please complete the table below (dimensions in metres)

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| **Taxiway Designator** | **Code** | **Width** | **Strip Width** |
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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| D.240 | **Taxiways general** | Choose an item. |
| D.245 | **Width of taxiways** | Choose an item. |
| D.250 | **Taxiway curves** | Choose an item. |
| D.255 | **Junction and intersection of taxiways** | Choose an item. |
| D.260 | **Taxiway minimum separation distance** | Choose an item. |
| D.265 | **Longitudinal slopes on taxiways** | Choose an item. |
| D.270 | **Longitudinal slope changes on taxiways** | Choose an item. |
| D.275 | **Sight distance of taxiways** | Choose an item. |
| D.280 | **Transverse slopes on taxiways** | Choose an item. |
| D.285 | **Strength of taxiways** | Choose an item. |
| D.290 | **Surface of taxiways** | Choose an item. |
| D.295 | **Rapid exit taxiways** | Choose an item. |
| D.300 | **Taxiways on bridges** | Choose an item. |
| D.305 | **Taxiway shoulders** | Choose an item. |
| D.310 | **Taxiway strip** | Choose an item. |
| D.315 | **Width of taxiway strips** | Choose an item. |
| D.320 | **Objects on taxiway strips** | Choose an item. |
| D.325 | **Grading of taxiway strips** | Choose an item. |
| D.330 | **Slopes on taxiway strips** | Choose an item. |

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| D.335 | **Holding bays, runway-holding positions, intermediate holding positions, and road-holding positions** | Choose an item. |
| D.340 | **Location of holding bays, runway-holding positions, intermediate holding positions, and road-holding positions** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter E – Aprons**

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| E.345 | **General** | Choose an item. |
| E.350 | **Size of Aprons *[Intentionally Blank]*** | N/A |
| E.355 | **Strength of Aprons** | Choose an item. |
| E.360 | **Slopes on aprons** | Choose an item. |
| E.365 | **Clearance distances on aircraft stands** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter F – Isolated aircraft parking position**

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| F.370 | **Isolated aircraft parking position** | Choose an item. |

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| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter G – De-icing / anti-icing facilities**

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| G.375 | **General** | Choose an item. |
| G.380 | **Location** | Choose an item. |
| G.385 | **Size of de-icing/anti-icing pads** | Choose an item. |
| G.390 | **Slopes on de-icing/anti-icing pads** | Choose an item. |
| G.395 | **Strength of de-icing/anti-icing pads** | Choose an item. |
| G.400 | **Clearance distances on a de-icing/anti-icing pad** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter H – Obstacle limitation surfaces**

Please confirm the dimension of the Obstacle Limitation Surfaces (OLS) applicable to your aerodrome below (Refer to table J-1 and J-2)

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| **OLS** | **Dimensions** |
| Outer Horizontal |  |
| Conical |  |
| Inner Horizontal |  |
| Approach |  |
| Transitional |  |
| Take-off Climb (TOCS) |  |
| **Obstacle Free Zone (OFZ)** |  |
| Inner Approach |  |
| Inner Transitional |  |
| Baulked Landing |  |

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| H.405 | **Applicability** | Choose an item. |
| H.410 | **Outer Horizontal Surface [*Intentionally Blank]*** | N/A |
| H.415 | **Conical Surface** | Choose an item. |
| H.420 | **Inner Horizontal Surface** | Choose an item. |
| H.425 | **Approach Surface** | Choose an item. |
| H.430 | **Transitional Surface** | Choose an item. |
| H.435 | **Take-off Climb Surface**  | Choose an item. |
| H.440 | **Slewed take-off climb surface [*Intentionally Blank]*** | N/A |
| H.445 | **Obstacle Free Zone (OFZ)** | Choose an item. |
| H.450 | **Inner approach surface** | Choose an item. |
| H.455 | **Inner transitional surface** | Choose an item. |
| H.460 | **Balked landing surface** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter J – Obstacle limitation requirements**

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| J.465 | **General** | Choose an item. |
| J.470 | **Non-instrument runways** | Choose an item. |
| J.475 | **Non-precision approach runways** | Choose an item. |
| J.480 | **Precision approach runways** | Choose an item. |
| J.485 | **Runways meant for take-off** | Choose an item. |
| J.486 | **Other objects** | Choose an item. |
| J.487 | **Objects outside the obstacle limitation surfaces** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter K – Visual aids for navigation (indicators and signalling devices)**

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| K.490 | **Wind direction indicator** | Choose an item. |
| K.495 | **Landing direction indicator** | Choose an item. |
| K.500 | **Signalling lamp** | Choose an item. |
| K.505 | **Signal panels and signal area [*Intentionally Blank]*** | N/A |
| K.510 | **Location of signal panels and signal area [*Intentionally Blank]*** | N/A |
| K.515 | **Characteristics of signal panels and signal area [*Intentionally Blank]*** | N/A |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter L – Visual aids for navigation (markings)**

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| L.520 | **General – Colour and conspicuity** | Choose an item. |
| L.525 | **Runway designation marking** | Choose an item. |
| L.530 | **Runway centre line marking** | Choose an item. |
| L.535 | **Threshold marking** | Choose an item. |
| L.540 | **Aiming point marking** | Choose an item. |
| L.545 | **Touchdown zone marking** | Choose an item. |
| L.550 | **Runway side stripe marking** | Choose an item. |
| L.555 | **Taxiway centre line marking** | Choose an item. |
| L.560 | **Interruption of runway markings** | Choose an item. |
| L.565 | **Runway turn pad marking** | Choose an item. |
| L.570 | **Enhanced taxiway centre line marking** | Choose an item. |
| L.575 | **Runway-holding position marking** | Choose an item. |
| L.580 | **Intermediate holding position marking** | Choose an item. |
| L.585 | **VOR aerodrome checkpoint marking** | Choose an item. |
| L.590 | **Aircraft stand marking** | Choose an item. |
| L.595 | **Apron safety lines** | Choose an item. |
| **L.597** | **Apron service road marking** | Choose an item. |
| L.600 | **Road-holding position marking** | Choose an item. |
| L.605 | **Mandatory instruction marking** | Choose an item. |
| L.610 | **Information and marking** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter M – Visual aids for navigation (lights)**

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| M.615 | **General** | Choose an item. |
| M.620 | **Aeronautical beacons** | Choose an item. |
| M.625 | **Approach lighting systems, general and applicability** | Choose an item. |
| M.626 | **Simple approach lighting systems** | Choose an item. |
| M.630 | **Precision approach category I lighting system** | Choose an item. |
| M.635 | **Precision approach category II and III lighting system** | Choose an item. |
| M.640 | **Visual approach slope indicator systems** | Choose an item. |
| M.645 | **PAPI and APAPI** | Choose an item. |
| M.650 | **Approach slope and elevation setting of light units for PAPI and APAPI** | Choose an item. |
| M.655 | **Obstacle protection surface for PAPI and APAPI** | Choose an item. |
| M.660 | **Circling guidance lights** | Choose an item. |
| M.665 | **Runway lead-in lighting systems** | Choose an item. |
| M.670 | **Runway threshold identification lights** | Choose an item. |
| M.675 | **Runway edge lights**  | Choose an item. |
| M.680 | **Runway threshold and wing bar lights** | Choose an item. |
| M.685 | **Runway end lights** | Choose an item. |
| M.690 | **Runway centre lights** | Choose an item. |
| M.695 | **Runway touchdown zone lights** | Choose an item. |
| M.696 | **Simple touchdown zone lights** | Choose an item. |
| M.700 | **Rapid exit taxiway indicator lights *[Intentionally Blank]*** | N/A |
| M.705 | **Stopway lights** | Choose an item. |
| M.706 | **Runway status lights (RWSL)** | Choose an item. |
| M.710 | **Taxiway centre line lights** | Choose an item. |
| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| M.715 | **Taxiway centre line lights on taxiways, runways, rapid exit taxiways, or on other exit taxiways** | Choose an item. |
| M.720 | **Taxiway edge lights** | Choose an item. |
| M.725 | **Runway turn pad lights** | Choose an item. |
| M.730 | **Stop bar lights** | Choose an item. |
| M.735 | **Intermediate holding position lights** | Choose an item. |
| M.740 | **De-icing/anti-icing facility exit lights** | Choose an item. |
| M.745 | **Runway guard lights** | Choose an item. |
| M.750 | **Apron floodlighting** | Choose an item. |
| M.755 | **Visual docking guidance system** | Choose an item. |
| M.760 | **Advanced visual docking guidance system** | Choose an item. |
| M.765 | **Aircraft stand manoeuvring guidance lights** | Choose an item. |
| M.770 | **Road-holding position light** | Choose an item. |
| M.771 | **No-entry bar** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter N – Visual aids for navigation (signs)**

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| N.775 | **General** | Choose an item. |
| N.780 | **Mandatory instruction signs** | Choose an item. |
| N.785 | **Information signs** | Choose an item. |
| N.790 | **VOR aerodrome checkpoint sign** | Choose an item. |
| N.795 | **Aircraft stand identifications signs** | Choose an item. |
| N.800 | **Road-holding position signs** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter P – Visual aids for navigation (markers)**

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| P.805 | **General** | Choose an item. |
| P.810 | **Unpaved runway edge markers** | Choose an item. |
| P.815 | **Stopway edge markers** | Choose an item. |
| P.820 | **Edge markers for snow-covered runways** | Choose an item. |
| P.825 | **Taxiway edge markers** | Choose an item. |
| P.830 | **Taxiway centre line markers** | Choose an item. |
| P.835 | **Unpaved taxiway edge markers**  | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter Q – Visual aids for denoting obstacles**

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| Q.840 | **Objects to be marked and/or lighted** | Choose an item. |
| Q.841 | **Objects to be marked and/or lighted outside the lateral boundaries of the obstacle limitation surface** | Choose an item. |
| Q.845 | **Marking of objects** | Choose an item. |
| Q.846 | **Lighting of fixed objects** | Choose an item. |
| Q.847 | **Lighting of fixed objects with a height less than 45m above ground level** | Choose an item. |
| Q.848 | **Lighting of fixed objects with a height 45m to a height less than 150m above ground level** | Choose an item. |
| Q.849 | **Lighting of fixed objects with a height 150m or more above ground level** | Choose an item. |
| Q.850 | **Lighting of objects** | Choose an item. |
| Q.851 | **Marking and lighting of wind turbines** | Choose an item. |
| Q.852 | **Marking and lighting of overhead wires, cables, supporting towers, etc.** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter R – Visual aids for denoting restricted use areas**

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| R.855 | **Closed runways and taxiways, or parts thereof** | Choose an item. |
| R.860 | **Non-load-bearing surfaces** | Choose an item. |
| R.865 | **Pre-threshold area** | Choose an item. |
| R.870 | **Unserviceable areas** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter S – Electrical systems**

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| **CS ADR-DSN.** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| S.875 | **Electrical power supply systems for air navigation facilities** | Choose an item. |
| S.880 | **Electrical power supply systems for visual aids** | Choose an item. |
| S.885 | **System design** | Choose an item. |
| S.890 | **Monitoring** | Choose an item. |
| S.895 | **Serviceability levels** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter T – Aerodrome operational services, equipment and installation**

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| **CS ADR-DSN** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| T.900 | **Emergency access and service roads** | Choose an item. |
| T.905 | **Fire stations** | Choose an item. |
| T.910 | **Equipment frangibility requirements** | Choose an item. |
| T.915 | **Siting of equipment and installations on operational areas** | Choose an item. |
| T.920 | **Fencing** | Choose an item. |
| T.921 | **Autonomous runway incursion warning system (ARIWS)** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Chapter U – Colours for aeronautical ground lights, markings, signs and panels**

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| **CS ADR-DSN** | **Certification Specification (CS)** | **CS Met****Yes / No / N/A** |
| U.925 | **General** | Choose an item. |
| U.930 | **Colours for aeronautical ground lights** | Choose an item. |
| U.935 | **Colours for markings, signs and panels** | Choose an item. |
| U.940 | **Aeronautical ground light characteristics** | Choose an item. |
| If you have selected ‘No’ to any of the above, please confirm below which CS cannot be met and what mitigation is applied: |

**Equivalent Level of Safety (ELOS)**

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| --- | --- | --- | --- |
| **Date** | **Relevant Certification Specification (CS)** | **Description Of ELOS** | **Reference to supporting documentation** |
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**Special Conditions (SC)**

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| --- | --- | --- | --- |
| **Date** | **Relevant Certification Specification (CS)** | **Description Of SC** | **Reference to supporting documentation** |
|  | CS ADR-DSN.A.005Aerodrome Reference Code | The UK determines the Aerodrome Reference Code number (code element one) from the greater value of TODA or ASDA and not Aeroplane Reference Field Length. | Special Condition |
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**Aerodrome declaration**

I hereby confirm that the details provided within this Certification Basis are correct:

Signed:

Print:

For and on Behalf of:
(Name of Aerodrome and Operator)

**FALSE REPRESENTATION STATEMENT**

**It is an offence under Article 256 of the Air Navigation Order 2016, as amended to make, with intent to deceive, any false representation for the purpose of procuring the grant, issue, renewal or variation of any certificate, licence, approval, permission or other document. This offence is punishable on summary conviction by a fine up to £5000, and on conviction on indictment with an unlimited fine or up to two years imprisonment or both.**

**CAA use only**

Documentation received:

Reviewed by:

Print:

Approved by:

Print:

Date:

1. Runway Status means either instrument or non-instrument runway. [↑](#footnote-ref-1)