ÚŘAD PRO CIVILNÍ LETECTVÍ

Kontrolní list pro certifikaci EASA

Certification Specifications (CS)

based on ADR issue 3

8.9.2017

Chapter A – General

CS ADR-DSN.	Certification Specification (CS)	CS Reviewed & Understood? Yes / No
A.001	**Applicability**	YES
A.002	**Definitions**	YES

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
A.005	**Aerodrome Reference Code**	YES
A.010	**[*intentionally left Blank]***	N/A

Chapter B – Runways

Runways

Please complete the table below (dimensions in metres).

Runway Designator	Approach Status	Code No./ Letter	Actual Length
24	Precision CAT IIIB	4E + selected types F	3715 m
06	Precision CAT I RVR landing min. 700 m	4E + selected types F	3715 m
30	Precision CAT I	4E + selected types F	3250 m
12	Precision CAT I RVR landing min. 750 m	4E + selected types F	3250 m

Runway Declared Distances

Please complete the table below (dimensions in metres).

Runway Designator	TORA	TODA	ASDA	LDA
24	3715	4015	3715	3715
06	3715	4015	3715	3715
30	3250	3550	3250	3250
12	3250	3400	3250	3250

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
B.015	**Number, siting and orientation of runways**	YES
B.020	**Choice of maximum permissible crosswind components**	N/A
B.025	**Data to be Used**	N/A
B.030	**Runway threshold**	YES
B.035	**Length of runway and declared distances**	YES
B.040	**Runways with stopways or clearways**	YES
B.045	**Width of Runways – ELOS 01**	**NO**
B.050	**Minimum distance between parallel non-instrument runways**	N/A
B.055	**Minimum distance between parallel instrument runways**	N/A
B.060	**Longitudinal slopes of runways – SC 1**	**NO**
B.065	**Longitudinal slope changes on runways – SC 02**	**NO**
B.070	**Sight distance for slopes on runways**	YES
B.075	**Distance between slope changes on runways – SC 03**	**NO**
B.080	**Transverse slopes on runways – SC 04**	**NO**
B.085	**Runway strength**	YES
B.090	**Surface of runways**	YES
B.095	**Runway turn pads**	N/A
B.100	**Slopes on runway turn pads**	N/A
B.105	**Strength of runway turn pads**	N/A
B.110	**Surface of runway turn pads**	N/A
B.115	**Width of shoulders for runway turn pads**	N/A
B.120	**Strength of shoulders for runway turn pads**	N/A
B.125	**Runway shoulders**	YES
B.130	**Slopes on runway shoulders – SC 05**	**NO**
B.135	**Width of runway shoulders**	YES
B.140	**Strength of runway shoulders**	YES
B.145	**Surface of runway shoulders**	YES
B.150	**Runway strip to be provided**	YES
B.155	**Length of runway strip**	YES

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
B.160	**Width of runway strip**	YES
B.165	**Objects on runway strips – DAAD 01 (2024)**	**NO**
B.170	**Non-precision approach and non-instrument runway strips**	N/A
B.175	**Grading of runway strips**	YES
B.180	**Longitudinal slopes on runway strips**	YES
B.185	**Transverse slopes on runway strips – DAAD 02 (2020)**	**NO**
B.190	**Strength of runway strips**	YES
B.191	**Drainage characteristics of the movement area and adjacent areas**	YES
B.195	**Clearways**	YES
B.200	**Stopways**	N/A
B.205	**Radio altimeter operating area – ELOS 02**	**NO**
B.045 CS not met; relevant Critical Aircraft Types code F certified to operate on 45 wide RWY B.165 par. C slopes for buried obstacles not provided B.190 strength proved by the geotechnical study 2016, sufficient in dry conditions. Seasonal rolling applied B.205 not met for all RAOAs		

Chapter C – Runway End Safety Areas (RESAs)

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

Runway Designator & Aerodrome Code	Undershoot RESA Dimensions	Overrun RESA (Landing) Dimensions	Overrun RESA (Take-off) Dimensions
24	240x300m	240x300m	240x300m
06	240x300m	240x300m	240x300m
30	240x120m	240x300m	240x300m
12	240x300m	240x120m	240x120m

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
C.210	**Runway end safety areas (RESA)**	YES
C.215	**Dimensions of runway end safety areas**	YES
C.220	**Objects on runway end safety areas**	YES
C.225	**Clearing and grading of runway end safety areas**	YES
C.230	**Slopes on runway end safety areas – SC 06**	**NO**
C.235	**Strength of runway end safety areas**	YES
C.230 not met for RESAs - penetrates the APP surface due to adjacent RWY/TWY		

Chapter D – Taxiways

Please complete the table below (dimensions in metres)

Taxiway Designator	Code	Width	Strip Width
A	E	23 to 25 m	95,0 m (2 x 47,5 m)
A1	D	40,5 m	81,0 m (2 x 40,5 m)
AA	D	23 m	85,0 m (2 x 42,5 m)
B	E	23 m	95,0 m (2 x 47,5 m)
B1	C	18 m	49,0 m (2 x 24,5 m)
B2	C	18 m	49,0 m (2 x 24,5 m)
C	E	22,5 m	95,0 m (2 x 47,5 m)
D	E	23 m	95,0 m (2 x 47,5 m)
E	E	23 m	95,0 m (2 x 47,5 m)
F	E	22,5 m to 25 m	95,0 m (2 x 47,5 m)
G	E	22,5 m	95,0 m (2 x 47,5 m)
H	D	23 m	81,0 m (2 x 40,5 m)
H1	D/C	23/18 m	52,0 m (2 x 26,0 m) to 95,0 m (2 x 47,5 m)
J	E	23 m	95,0 m (2 x 47,5 m)
J BLUE	C	23 m	49,0 m (2 x 24,5 m)
J ORANGE	C	23 m	49,0 m (2 x 24,5 m)
K	D	22,5 m	81,0 m (2 x 40,5 m)
L	E	22,5 to 25 m	95,0 m (2 x 47,5 m)
M	E	22,5 m	95,0 m (2 x 47,5 m)
N	C/B19,5	22,5 m	52,0 m (2 x 26,0 m)
P	E	22,5/40 m	95,0 m (2 x 47,5 m)
R	E	21 m	95,0 m (2 x 47,5 m)
RR	C	22,5 m	81,0 m (2 x 40,5 m)
S	D	22,5 m	81,0 m (2 x 40,5 m)
T	E	23 m	95,0 m (2 x 47,5 m)
Z	E	23 m	95,0 m (2 x 47,5 m)
TWY on RWY 04/22	C29		42,0 m (2 x 21,0 m)
Taxilanes APN SOUTH	C/C24		39,0 m (2x 19,5) m to 49,0 m (2 x 24,5 m)

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
D.240	**Taxiways general – DAAD 03 (2024)**	**NO**
D.245	**Width of taxiways – ELOS 03 and DAAD 04 (2024)**	**NO**
D.250	**Taxiway curves – DAAD 05 (2024)**	**NO**
D.255	**Junction and intersection of taxiways – ELOS 04 and DAAD 06 (2024)**	**NO**
D.260	**Taxiway minimum separation distance – ELOS 05**	**NO**
D.265	**Longitudinal slopes on taxiways – SC 07**	**NO**
D.270	**Longitudinal slope changes on taxiways**	YES
D.275	**Sight distance of taxiways**	YES
D.280	**Transverse slopes on taxiways – SC 08**	**NO**
D.285	**Strength of taxiways**	YES

D.290	**Surface of taxiways**	YES
D.295	**Rapid exit taxiways**	YES
D.300	**Taxiways on bridges**	N/A
D.305	**Taxiway shoulders**	YES
D.310	**Taxiway strip**	YES
D.315	**Width of taxiway strips – ELOS 06**	**NO**
D.320	**Objects on taxiway strips – DAAD 07 (2018)**	**NO**
D.325	**Grading of taxiway strips**	YES
D.330	**Slopes on taxiway strips – SC 09**	**NO**

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**	YES
D.340	**Location of holding bays, runway-holding positions, intermediate holding positions, and road-holding positions – DAAD 08 (2027)**	**NO**

D.240 not met for Critical Aircraft types

D.245 not met for TWYs B, C, F btn 06 and D, L btn F and 30, M, N, P btn 04/22 and APN SOUTH, R, (width 22,5 m)

D.255 not met for TWY A x A1, B x D, Bx H, D x F, D x RWY 12/30, D x L, F x RWY 12/30, F x G, F x L, G x L, L x THR 30

D.305 unpaved for M, P btn 04/22 and APN SOUTH, R, S. Anti-erosion measures: Grass Management

D.340 not met for HP CAT I TWY Z

Chapter E – Aprons

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
E.345	**General**	YES
E.350	**Size of Aprons**	N/A
E.355	**Strength of Aprons**	YES
E.360	**Slopes on aprons – SC 10**	**NO**
E.365	**Clearance distances on aircraft stands**	YES
E.360 not met on stand 24 and APRON SOUTH. Part of the Safety study “slopes and strenght”		

Chapter F – Isolated aircraft parking position

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

Chapter G – De-icing / anti-icing facilities

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
G.375	**General**	YES
G.380	**Location**	YES
G.385	**Size of de-icing/anti-icing pads**	YES
G.390	**Slopes on de-icing/anti-icing pads**	YES
G.395	**Strength of de-icing/anti-icing pads**	YES
G.400	**Clearance distances on a de-icing/anti-icing pad**	YES

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)

OLS	Dimensions
Outer Horizontal	
Conical	Slope 5%, height 100 m
Inner Horizontal	Height 45 m, radius 4000m
Approach	Length of inner edge is 300 m, distance from THR is 60 m, divergence 15% each side; length of first section 3000 m, slope 2%, length of 2nd section is 3600 m, slope 2,5%, length of horizontal section 8400m, total length 15000 m.
Transitional	Slope 14,3%
Take-off Climb (TOCS)	Length of inner edge 180 m, distance from RWY end 60 m, divergence 12,5%, final width 1200 m, length 15000 m, slope 2%
Obstacle Free Zone (OFZ)	
Inner Approach	Width 155 m, distance from THR 60 m, length 900 m, slope 2%
Inner Transitional	Slope 33,3%
Balked Landing	Length of inner edge 155 m, distance from THR 1800 m, divergence 10%, slope 3,33 %

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
H.405	**Applicability**	YES
H.410	**Outer Horizontal Surface [*Intentionally Blank]***	YES
H.415	**Conical Surface**	YES
H.420	**Inner Horizontal Surface**	YES
H.425	**Approach Surface**	YES
H.430	**Transitional Surface**	YES
H.435	**Take-off Climb Surface**	YES
H.440	**Slewed take-off climb surface [*Intentionally Blank]***	N/A
H.445	**Obstacle free zone (OFZ)**	YES
H.450	**Inner approach surface**	YES
H.455	**Inner transitional surface**	YES
H.460	**Balked landing surface**	YES

Chapter J – Obstacle limitation requirements

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
J.465	**General**	YES
J.470	**Non-instrument runways**	N/A
J.475	**Non-precision approach runways**	N/A
J.480	**Precision approach runways – DAAD 09 (2027)**	**NO**
J.485	**Runways meant for take-off**	YES
J.486	**Other objects**	N/A
J.487	**Objects outside the obstacle limitation surfaces**	YES
J.480 APP surface penetrated by A/C at holding point TWY Z		

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

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
K.490	**Wind direction indicator**	YES
K.495	**Landing direction indicator**	N/A
K.500	**Signalling lamp**	YES
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
K500: checked by ANS		

Chapter L – Visual aids for navigation (markings)

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
L.520	**General – Colour and conspicuity – ELOS 07**	**NO**
L.525	**Runway designation marking**	YES
L.530	**Runway centre line marking**	YES
L.535	**Threshold marking – ELOS 08**	**NO**
L.540	**Aiming point marking**	YES
L.545	**Touchdown zone marking**	YES
L.550	**Runway side stripe marking**	YES
L.555	**Taxiway centre line marking**	YES
L.560	**Interruption of runway markings**	YES
L.565	**Runway turn pad marking**	N/A
L.570	**Enhanced taxiway centre line marking**	YES
L.575	**Runway-holding position marking**	YES
L.580	**Intermediate holding position marking**	YES
L.585	**VOR aerodrome checkpoint marking**	N/A
L.590	**Aircraft stand marking – ELOS 09**	**NO**
L.595	**Apron safety lines**	YES
L.597	**Apron service road marking**	YES
L.600	**Road-holding position marking**	YES
L.605	**Mandatory instruction marking**	YES
L.610	**Information and marking**	YES

L535 Specific RWY THR marking RWY 12 applied due to specific RWY layout.

L590: f)1) not met. Stop lines designed according to the ACI Markings manual: length 2,2 m, nose gear position. Docking/marshalling service provided in all cases. Approved by CAA CZ

Chapter M – Visual aids for navigation (lights)

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
M.615	**General**	YES
M.620	**Aeronautical beacons**	N/A
M.625	**Approach lighting systems – DAAD 10 (RWY 12, 2021), DAAD 11 (RWY 06, 2021)**	**NO**
M.626	**Simple approach lighting systems**	YES
M.630	**Precision approach Category I lighting system**	YES
M.635	**Precision approach Category II and III lighting system**	YES
M.640	**Visual approach slope indicator systems**	N/A
M.645	**Precision approach path indicator and Abbreviated precision approach path indicator (PAPI and APAPI)**	YES
M.650	**Approach slope and elevation setting of light units for PAPI and APAPI**	YES
M.655	**Obstacle protection surface for PAPI and APAPI – DAAD 12 (2027)**	**NO**
M.660	**Circling guidance lights**	YES
M.665	**Runway lead-in lighting systems**	N/A
M.670	**Runway threshold identification lights**	N/A
M.675	**Runway edge lights**	YES
M.680	**Runway threshold and wing bar lights**	YES
M.685	**Runway end lights**	YES
M.690	**Runway centre line lights**	YES
M.695	**Runway touchdown zone lights**	YES
M.696	**Simple touchdown zone lights**	N/A
M.700	**Rapid exit taxiway indicator lights**	YES
M.705	**Stopway lights**	N/A
M.710	**Taxiway centre line lights – DAAD 13 (2024)**	**NO**

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**	YES
M.720	**Taxiway edge lights – DAAD 14 (2022)**	**NO**
M.725	**Runway turn pad lights**	N/A
M.730	**Stop bars**	YES
M.735	**Intermediate holding position lights – DAAD 15 (2021)**	**NO**
M.740	**De-icing/anti-icing facility exit lights**	N/A
M.745	**Runway guard lights**	YES
M.750	**Apron floodlighting – ELOS 10**	**NO**
M.755	**Visual docking guidance system**	YES
M.760	**Advanced visual docking guidance system**	N/A
M.765	**Aircraft stand manoeuvring guidance lights – DAAD 16 (2024)**	**NO**
M.770	**Road-holding position light**	YES
M.771	**No-entry bar**	N/A

M630: ALS RWY 06 480 m, no Flash
M655: not met for PAPI 24 (TWY Z penetrates the obstacle protection surface): inner edge 300m
M710: TWYs K, A1 partly, H1 partly. TWY edge lights not provided. Flood lighting. Follow Me Guidance
TWYs JO, JB not used below 400m
TWYs L, M. N, P, R, RR, G, S, taxilanes APN SOUTH not equipped. Traffic intensity light. TWY edge lights provided except TWY R, Follow Me guidance for arrivals only.
M625: RWY12 not equipped with ALS CAT I but SALS 360 HIL only
M696: all approaches has angle less than 3,5°
M720: not met for TWY R
M735: 18 IHP on NORTH not equipped, planned. TWYs L, M. N, P, R, RR, G, S, taxilanes APN SOUTH not equipped. FollowMe guidance to be provided.
M750 30 lx standard for new installations. Apron floodlights are located so as to provide adequate illumination on all apron service areas: aircraft stands, service roads, parking lots for ground service equipment. Apron floodlighting of 10 lx is provided on all apron taxiways that are not yet equipped with taxiway centreline lights: TWY J BLUE, J ORANGE, H1. Apron floodlights are not designed so as to provide 10 lx illumination on all other apron taxiways. These taxiways are, however, fully equipped with taxiway centreline lights.
M765 applied as follows: Circuit A lit with TWY Centreline, Circuit B with LVP. Main contact stands equipped, alternatives not. Project study developed 2014.
M.771 No-entry not applied so far at LKPR

Chapter N – Visual aids for navigation (signs)

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
N.775	**General – DAAD 17 (2024)**	**NO**
N.780	**Mandatory instruction signs**	YES
N.785	**Information signs**	YES
N.790	**VOR aerodrome checkpoint sign**	N/A
N.795	**Aircraft stand identifications signs**	YES
N.800	**Road-holding position signs**	YES
N775: some signs not illuminated. Signs not implemented on Remote taxi in/out stands		

Chapter P – Visual aids for navigation (markers)

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
P.805	**General**	N/A
P.810	**Unpaved runway edge markers**	N/A
P.815	**Stopway edge markers**	N/A
P.820	**Edge markers for snow-covered runways**	N/A
P.825	**Taxiway edge markers**	YES
P.830	**Taxiway centre line markers**	N/A
P.835	**Unpaved taxiway edge markers**	N/A

Chapter Q – Visual aids for denoting obstacles

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
Q.840	**Objects to be marked and/or lighted within the lateral boundaries of the obstacle limitation surfaces**	YES
Q.841	**Objects to be marked and/or lighted outside the lateral boundaries of the obstacle limitation surfaces**	YES
Q.845	**Marking of fixed objects**	YES
Q.846	**Lighting of fixed objects**	YES
Q.847	**Lighting of fixed objects with a height less than 45 m above ground level**	YES
Q.848	**Lighting of fixed objects with a height 45 m to a height less than 150 m above ground level**	YES
Q.849	**Lighting of fixed objects with a height 150 m or more above ground level**	N/A
Q.850	**Lighting of other objects**	YES
Q.851	**Marking and lighting of wind turbines**	N/A
Q.852	**Marking and lighting of overhead wires, cables, supporting towers, etc.**	N/A
Q840 Site inspection done		

Chapter R – Visual aids for denoting restricted use areas

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
R.855	**Closed runways and taxiways, or parts thereof**	YES
R.860	**Non-load-bearing surfaces**	YES
R.865	**Pre-threshold area**	YES
R.870	**Unserviceable areas**	YES

Chapter S – Electrical systems

CS ADR-DSN.	Certification Specification (CS)	CS Met Yes / No / N/A
S.875	**Electrical power supply systems for air navigation facilities**	YES
S.880	**Electrical power supply systems**	YES
S.885	**System design**	YES
S.890	**Monitoring**	YES
S.895	**Serviceability levels**	YES
S890 Monitoring of electrical function available. The technical solution for possible monitoring of the optical part is unknown. According to verbal CAA instruction, S890 is considered compliant.		

Chapter T – Aerodrome operational services, equipment and installation

CS ADR-DSN	Certification Specification (CS)	CS Met Yes / No / N/A
T.900	**Emergency access and service roads**	YES
T.905	**Fire stations**	YES
T.910	**Equipment frangibility requirements**	YES
T.915	**Siting of equipment and installations on operational areas**	YES
T.920	**Fencing**	YES
T.910 old RVR measuring eqpt. removed		

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

CS ADR-DSN	Certification Specification (CS)	CS Met Yes / No / N/A
U.925	**General**	YES
U.930	**Colours for aeronautical ground lights**	YES
U.935	**Colours for markings, signs and panels**	YES
U.940	**Aeronautical ground light characteristics**	YES