

Aerodrome Licensing Inspection Checklist

NO.	ITEMS	STANDARDS	REF ANN. 14	C	N C	N/A	COMMENTS
1.	3.1 Runways	RWY surfaces W/O irregularities	3.1.22				
2.		RWY, friction characteristics on wet pavement	3.1.23				
3.	3.2 Runway	No standard					
4.	Shoulders						
5.	3.3 Runway Turn	Application for code D, E or F	3.3.1				
6.	Pads	Runway turn pad - design	3.3.6				
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12.		Junction rwy and other surfaces	3.4.10				
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14.		code					
15.		Dimensions, length	3.5.2				
16.		Dimensions, width	3.5.4				
16.	3.6 Clearways	No standard					
17.	3.7 Stop ways	Width	3.7.1				
18.	3.8 Radio Altimeter	No standard					
19.	Operating Area						

20.	3.9 Taxiways	Clearances, design	3.9.4				
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22.	3.10 Taxiway shoulders	No standard					
23.	3.11 TWY strips	Twy included in a strip	3.11.1				
24.	3.12 Holding bays,	Establishment criteria rwy-holding position	3.12.2				
25.	rwy-holding positions,	Establishment criteria rwy-holding position to protect nav aids	3.12.3				
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29.	3.13 Apron	No standard					
30.	3.14 Isolated aircraft parking position	Identification of an isolated aircraft parking position	3.14.1				
31.	3.15 De-icing facilities	No standard					
32.	4.1 Obstacle Limitation Surfaces	Conical surface, description	GSR 751				
33.		Conical surface, characteristics	GSR 751				
34.		Conical surface, slopes	GSR 751				
35.	Inner horizontal	Description	GSR 751				
36.	surface	Characteristics	GSR 751				
37.		Height, method of measurement	GSR 751				
38.	Approach surface	Description	GSR 751				
39.		Characteristics	GSR 751				
40.		Elevation of inner edge	GSR 751				
41.		Slope of approach surface	GSR 751				
42.	Inner approach	Description	GSR 751				
43.	surface	Characteristics	GSR 751				

44.	Transitional surface	Description	GSR 751				
45.		Characteristics	GSR 751				
46.		Elevation	GSR 751				
47.		Slopes	GSR 751				
48.	Inner transitional	Description	GSR 751				
49.	surface	Characteristics	GSR 751				
50.		Elevation	GSR 751				
51.		Slopes	GSR 751				
52.	Balked landing	Description	GSR 751				
53.	surface	Characteristics	GSR 751				
54.		Elevation	GSR 751				
55.		Slopes	GSR 751				
56.	Take-off climb	Description	GSR 751				
57.	surface	Characteristics	GSR 751				
58.		Elevation of inner edge	GSR 751				
59.	Take-off flight path	Measurement -A	GSR 751				
60.		Measurement - B	GSR 751				
61.	4.2 Obstacle limitation	Obstacle limitations depending on the type of surface	GSR 751				
62.	requirements – No-instrument runways	Height and slope of various types of surface	GSR 751				
63.		New objects or extension of existing objects	GSR 751				
64.	Obstacle limitation requirements- non-precision approach runway	Obstacle limitations depending on the type of surface	GSR 751				
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66.		Height and slope of surfaces - B	GSR 751				
67.		New objects or extension of existing	GSR 751				
68.	Obstacle limitation requirements –	Types of surfaces. CAT I	GSR 751				
69.		Types of surfaces. CAT II and III	GSR 751				
70.	precision approach	Height & slope of surfaces – A	GSR 751				

71.	runway	Height & slopes of surfaces – B	GSR 751				
72.		Fixed objects above surfaces	GSR 751				
73.		New objects or extension of existing objects	GSR 751				
74.	Runways meant for	Type of obstacle limitation surface	GSR 751				
75.	take-off	Dimensions of surfaces	GSR 751				
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251.		Removal of objects above obstacle protection surface	5.3.5.44				
252.		Mitigation measures	5.3.5.45				
253.	RWY lead-in lighting systems	No standard					

254.	RWY threshold	Location	5.3.8.2				
255.	identification lights	Visible in the approach direction	5.3.8.4				
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258.		Location less than 3 metres from the edge of the rwy	5.3.9.4				
259.		Distance between lights, 60 or 100 meters	5.3.9.6				
260.		Characteristics: fix, white, variable intensity	5.3.9.7				
261.		Characteristics : visible all angles	5.3.9.8				
262.		Characteristics: 15 degrees above the horizon	5.3.9.9				
263.		Characteristics: precision approach, App 2, fig A2-9 and A2-10	5.3.9.10				
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275.		Characteristics: fix, unidirectional., red direction rwy	5.3.11.4				
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280.		Characteristics: fix, white, variable intensity, etc.	5.3.12.7				
281.		Characteristics: accordance with App. 2, Fig. A2-6 and A2-7	5.3.12.8				
282.	Runway touchdown zone lights	Mandatory for precision approach Cat II et III	5.3.13.1				
283.		Location	5.3.13.2				
284.		Characteristics: number of lights per barrette and spacing	5.3.13.3				
285.		Characteristics: fix, unidirectional, white, variable	5.3.13.5				
286.		Accordance with spec. App 2, Fig. A2-5	5.3.13.6				
287.	Rapid exit taxiway indicator lights	Not to be on if pattern is not as fig 5-24, in full.	5.3.14.2				
288.		Located same side of the CL as the TWY, configur. Fig 5-23	5.3.14.3				
289.		No overlapping when displayed	5.3.14.4				
290.		Light yellow, unidirectional fix, visible direction approach.	5.3.14.5				
291.		Conform spéc. 'App. 2, Fig. A2-6 or A2-7	5.3.14.6				
292.	Stop way lights	Application: lighted if used at night	5.3.15.1				

293.		Location	5.3.15.2				
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299.		Conform Appendix 2, various figures	5.3.16.8				
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301.		Installed on rwy is part of taxi-route.	5.3.17.2				
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303.	Runway turn pad	Application	5.3.18.1				
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305.		Conform spec. Appendices 2, Fig. A2-13, 14 ou 15	5.3.18.7				
306.	Stop bars	Mandatory if rwy use RVR les than 350 m, etc.	5.3.19.1				
307.		Mandatory if rwy use with RVR between 350 and 550 m.	5.3.19.2				
308.		Location	5.3.19.5				
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319.	facility exit lights	Characteristics	5.3.21.3				
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322.		Location configuration B	5.3.22.5				
323.		Characteristics configuration A	5.3.22.6				
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341.	Stopping position	Location	5.3.24.14				
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346.	Advanced visual	Color red, fix, unidirectional	5.3.25.5				
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348.	system	Info available for all aft taxi speed	5.3.25.7				
349.		Time of display not to allow	5.3.25.8				
350.		displacement of more than 1 meter					
351.		Symbols & graphics to be intuitive	5.3.25.10				
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358.	Road-holding position	Mandatory if RVR less than 350 m	5.3.27.1				
359.	light	Location	5.3.27.3				
360.		Characteristic : composition	5.3.27.4				
361.		Unidirectional, visible when approach	5.3.27.5				
362.		holding position					
362.		Intensity of the light beam	5.3.27.6				
363.		Flash frequency, between 30 & 60 per	5.3.27.7				
363.		minute					
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366.		dimension & height, Tableau 5-5					
366.		Rectangular signs, Fig. 5-29& 5-30	5.4.1.4				
367.		Red for mandatory instruction sign	5.4.1.5				
367.		only					

368.		Inscription conform Appendix 4	5.4.1.6				
369.		Illuminated signs, see conditions	5.4.1.7				
370.		Retro reflective code 1 et 2, non-instrument rwy	5.4.1.8				
371.		Panel variable message, white when not used	5.4.1.9				
372.		Panel variable message, no message if out of service	5.4.1.10				
373.	Mandatory instruction sign	Authorization to go ahead	5.4.2.1				
374.		Content of mandatory instruction sign	5.4.2.2				
375.		Intersection rwy/twy & rwy/rwy. Pattern A	5.4.2.3				
376.		Rwy holding position for Cat I, II or III. Pattern B	5.4.2.4				
377.		Sign to be installed with marking,	5.4.2.5				
378.		No Entry sign	5.4.2.7				
379.		Location	5.4.2.8				
380.		Location – other	5.4.2.9				
381.		Location – other	5.4.2.10				
382.		Location - other	5.4.2.11				
383.		Characteristics: mandatory = white on red background	5.4.2.12				
384.		Characteristics. : runway designation	5.4.2.14				
385.		Characteristics: designation Cat I, II et III	5.4.2.15				
386.		Characteristics: No Entry sign, Fig. 5-29	5.4.2.16				
387.		Characteristics. "rwy holding sign, twy design and a number"	5.4.2.17				
388.		Characteristics: symbols	5.4.2.18				
389.	Information signs	Application	5.4.3.1				
390.		Information signs to include :	5.4.3.2				

391.		RWY exit signs	5.4.3.3				
392.		Runway vacated sign	5.4.3.4				
393.		Sign at intersection TWY	5.4.3.7				
394.		Direction sign intersection twy/twy	5.4.3.8				
395.		Location sign with rwy designation	5.4.3.10				
396.		Location sign with direction sign	5.4.3.11				
397.		Location : left side of Twy, see except.	5.4.3.14				
398.		Location: information sign	5.4.3.15				
399.		Location: Rwy exit sign same side as twy	5.4.3.16				
400.		Location : Rwy exit sign, 60 m before tangency point	5.4.3.17				
401.		Location: Rwy vacated sign	5.4.3.18				
402.		Location: combined sign, vacated rwy & twy location	5.4.3.19				
403.		Location: intersection take-off sign	5.4.3.20				
404.		Positioning : Sign twy location with rwy designation	5.4.3.21				
405.		Information sign colourcoted with mandatory sign	5.4.3.23				
406.		Characteristics (C): information sign , black on yellow background except for location sign	5.4.3.25				
407.		Location sign= yellow on black background	5.4.3.26				
408.		C: Rwy exit = twy designator + arrow for direction	5.4.3.27				
409.		C : Content rwy vacated sign, fig. 5- 29, A	5.4.3.28				
410.		C: Take-off sign	5.4.3.29				
411.		C: Inscription on destination sign	5.4.3.30				
412.		C: Inscription on direction panel	5.4.3.31				

413.		C: Inscription on location sign	5.4.3.32				
414.		C: Location & direction panels co-located	5.4.3.34				
415.		C: Identification of twy: letter with number	5.4.3.35				
416.		C: Number only on manoeuvring area = for rwy designation	5.4.3.37				
417.	VOR Aerodrome Checkpoint Sign	If VOR checkpoint is established, it must be indicated with marking	5.4.4.1				
418.		Location	5.4.4.2				
419.		Colour	5.4.4.3				
420.	Airport Identification sign	Name of the aerodrome	5.4.5.3				
421.	Road-holding position sign	Installed everywhere road lead to rwy	5.4.7.1				
422.		Location	5.4.7.2				
423.		White on red background	5.4.7.3				
424.		National language	5.4.7.4				
425.		Illuminated if use at night	5.4.7.5				
426.	5.5 Markers	Frangible and low	5.5.1				
427.		Stop way edge marker different from rwy edge marker	5.5.3.2				
428.		Twy edge marker = retro reflective blue	5.5.5.3				
429.		Twy edge marker = frangible & low	5.5.5.5				
430.		Twy centre line marker = retro reflective green	5.5.6.5				
431.		Twy centre line marker, designed to support aircraft weight	5.5.6.7				
432.		Boundary markers used when there is no rwy	5.5.8.1				
433.		Location	5.5.8.2				
434.							
435.							
436.							
437.							
438.							
439.	6.1 Objects to be	Fixe object +3000 m, approach or	6.1.3				

	marked and/or lighted	transitional surface shall be marked or lighted				
440.		Fixe object above obstacle protection surface = marked or lighted	6.1.5			
441.		Marks for vehicles	6.1.6			
442.		Mark for elevated aeronautical ground lights	6.1.7			
443.		Obstacles, Ref. distance table 3-1, shall be marked or lighted	6.1.8			
444.	6.2 Marking of objects	Fixe objects to be colored or marked	6.2.1			
445.		Mobile objects colored or flags	6.2.2			
446.		Use of markers	6.2.7			
447.		Use of flags	6.2.11			
448.		Design of flags for fix objects	6.2.12			
449.		Design of flags for mobile objects	6.2.14			
450.	6.3 Lighting of objects	Low, medium or high intensity	6.3.1			
451.		Obstacle light for vehicles & mobile objects = Type C	6.3.4			
452.		Obstacle light for «FOLLOW ME » vehicle = type D	6.3.5			
453.		Obstacle light at top of obstacle	6.3.11			
454.		Special cases, pylons etc.	6.3.13			
455.		Special cases, extensive or closely spaced objects	6.3.14			
456.		Special cases, + 105 metres above surrounding ground	6.3.16			
457.		Idem, more than 45 metres	6.3.17			
458.		Idem	6.3.18			
459.		Special cases : to see	6.3.19			
460.		Special case, height, type of lights etc.	6.3.20			
461.		From every angle in azimuth	6.3.22			

462.		Light on fix object = fix red light, tableau	6.3.23				
463.		Obstacle light low intens, type A & B, spec table 6-3	6.3.24				
464.		Obstacle light on emergency vehicle = flashing blue	6.3.25				
465.		Obstacle light on FOLLOW ME = flashing yellow	6.3.26				
466.		Obstacle light low intens, type C and D, table 6-3	6.3.27				
467.		Obstacles light on bridge = fix red	6.3.28				
468.		Obstacle light on object with limited mobility conform type A, table 6-3	6.3.29				
469.		Obstacle light, definition type A et B et C: couleurs	6.3.30				
470.		Obstacle light types A, B, C table 6-3	6.3.31				
471.		Obstacle light, medium intens, type A & B = flashing simultaneously	6.3.32				
472.		HI Obstacle light types A & B = flashing white	6.3.33				
473.		Obstacle light HI, types A & B conform table 6-3	6.3.34				
474.		Obstacle light HI, type A on object = flash simultaneously	6.3.35				
475.	6.4 Wind Turbines	Wind turbines shall be marked and/or lighted if it constitutes an obstacle	6.4.1				
476.	7.1 Closed runways	Application	7.1.1				
477.	and taxiways, or	Location	7.1.3				

478.	parts thereof	Characteristics	7.1.4				
479.		Permanently closes, removal of marks and markings	7.1.5				
480.		If rwy closed, lighting should be U/S.	7.1.6				
481.		Additional marking at intersection of a closed area	7.1.7				
482.	7.2 No-load bearing surfaces	Application. Side strip marking for delineating low bearing surfaces	7.2.1				
483.	7.3 Pre-threshold area	No standard					
484.	7.4 Unserviceable areas	Marker on apron etc, if area can be by passed safely.	7.4.1				
485.		Markers - intervals	7.4.2				
486.		Characteristics– unserviceability markers = flags, cones, marker boards	7.4.3				
487.		Characteristics light for unserviceability area = red fixed light	7.4.4				
488.	8.1 Electrical power supply for air navigation facilities	Adequate primary power supply shall be available for safe functioning of nav aids	8.1.1				
489.		Visual Aids no false indication if power failure	8.1.2				
490.		Switch-over time, table 8-1	8.1.5				
491.		Visual Aids: secondary source of power, switch-over table 8-1	8.1.6				
492.		Requirement for take-off rwy	8.1.7				
493.		System design : if failure, no wrong indications	8.2.1				
494.		Separate circuits	8.2.2				

495.		Interlocking of rwy and twy when use as taxi-route	8.2.3				
496.		Monitoring : lighting system used for aircraft control = to be monitored by ATS	8.3.2				
497.	9.1 Airport	Availability of the emergency plan	9.1.1				
498.	Emergency Planning	Emergency planning = coordination of actions	9.1.2				
499.		Emergency planning = coordination of agencies	9.1.3				
500.		To observe human factor principles	9.1.6				
501.		Emergency exercises	9.1.12				
502.		Type and frequency of exercises	9.1.13				
503.		Specialized services for difficult conditions	9.1.14				
504.	9.2 Rescue and fire fighting	Application	9.2.1				
505.		Equipment for water body, swamp, etc.	9.2.2				
506.		Level of protection according to Category, ref article 9.2.5 & 9.2.6.	9.2.3				
507.		Airport category table 9-1	9.2.5				
508.		Higher category	9.2.6				
509.		Reduced activity – lower category	9.2.7				
510.		Quantity of water and foam	9.2.11				
511.		Mix of water and foam	9.2.13				
512.		Discharge rate, table 9-2	9.2.17				
513.		Complementary agent ISO standards	9.2.18				
514.		Response time	9.2.23				
515.		Response time other vehicles	9.2.27				
516.		Formation du personnel	9.2.38				
517.		"Training must include human performance and team coordination"	9.2.39				
518.		"Protective clothing and respiratory	9.2.42				

		Equipment”.					
519.							
520.	9.3 Disabled aircraft removal	No standard					
521.	9.4 Wildlife strike hazard reduction	Risk evaluation	9.4.1				
522.		Bird strike to be reported to ICAO	9.4.2				
523.		Mitigation measures	9.4.3				
524.		Elimination of garbage disposal site	9.4.4				
525.	9.5 Apron Management Service	Apron management service shall be provided with radiotelephony communication facilities	9.5.3				
526.		Restriction for low-visibility procedure	9.5.4				
527.		Priority to emergency vehicles	9.5.5				
528.		Various priorities on apron	9.5.6				
529.		Visual monitoring of aircraft stand	9.5.7				
530.	9.6 Ground servicing of aircraft	Availability of fire extinguishers	9.6.1				
531.		Refuelling with passengers on board.	9.6.2				
532.	9.7 Airport vehicle operations	Authorization to drive airside	9.7.1				
533.		Compliance with directives, signs etc.	9.7.2				
534.		Compliance with mandatory instructions conveyed by light	9.7.3				
535.		Training for drivers	9.7.4				
536.		Two-way communication means	9.7.5				
537.	9.8 Surface movement guidance and control systems	Application	9.8.1				
538.		Switching of stop bars and twy centre line lights	9.8.6				
539.	9.9 Siting of equipment and installations on operational area	No objects on rwy strip, RESA etc.	9.9.1				
540.		If objects on strip, RESA, or stop way = frangible	9.9.2				
541.		Above applies as of 01 Jan 2010	9.9.3				

542.		Location equipment, Cat I, II, III	9.9.5				
543.		Distances for Cat I, II et III	9.9.6				
544.		Above applies as of 01 Jan 2010	9.9.7				
545.	Fencing	Fence for animals	9.10.1				
546.		Fence for persons	9.10.2				
547.		Fence for Navaids	9.10.3				
548.		Location of fence	9.10.4				
549.	10.2 Pavement	Inspection, maintenance	10.2.1				
550.		No harmful irregularities	10.2.2				
551.		Characteristics measurement of friction	10.2.3				
552.		Corrective maintenance for improving friction	10.2.4				
553.		Removal of contaminants	10.2.8				
554.		Use of harmful chemical	10.2.13				
555.	10.3 Runway pavement overlays	Longitudinal slope of the temporary ramp	10.3.1				
556.		Temporary centre line marking, same for threshold	10.3.4				
557.	10.4 Visual Aids	Light shall be U/S if average beam intensity is less than 50%	10.4.1				
558.		Preventive maintenance system for visual aids	10.4.2				
559.		Preventive maintenance for Cat I, II et III. % in service	10.4.7				
560.		Operation standard, stop bars, RVR <350 metres	10.4.8				
561.		Centre line lights, not to allowed 2 consecutive lights U/S	10.4.9				
562.		Cat I, 85% of lights shall be serviceable	10.4.10				
563.		Take-off rwy, % of lights in service	10.4.11				

564.		Take-off rwy, RVR>550 m % in	10.4.12				
		service					
565.	Drainage	Location and characteristics of both natural and dynamic drainage.	Att-A 8.1.1				