

	TANZANIA CIVIL AVIATION AUTHORITY SAFETY REGULATION	Revision: 0
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This checklist broadly covers all areas of aerodrome operation, services & facilities.

Efforts shall be made to cover areas depending on the time allocated for the inspection and deficiencies to be reflected quoting the legislative reference of Civil Aviation (Aerodromes) Regulations (as amended), ICAO SARPs and relevant guidance material.

Surveillance Elements: A – RUNWAY PAVEMENT, VISUAL AIDS AND SIGNAGES

B – APRON PAVEMENT, VISUAL AIDS AND SIGNAGES

C – OPERATIONAL AREA

D – TAXIWAYS PAVEMENT, VISUAL AIDS AND SIGNAGES

E – GROUND AND FLIGHT CHECKS OF VISUAL AIDS

F – RESCUE AND FIRE FIGHTING SERVICES

G – AERODROME INFORMATION AND DATA

H – AERODROME OPERATIONS

I – SAFETY MANAGEMENT SYSTEM

J – ADEQUACY OF PERSONNEL

K – COMMUNICATION/NAVIGATION SERVICES

L – METEOROLOGY


M – TERMINAL BUILDING FACILITATION

NAME OF AERODROME :			
DATE OF INSPECTION :			
NAME, ADDRESS AND TEL NUMBER OF THE AERDROME RESPONSIBLE PERSON			
PHYSICAL CHARACTERISTICS, INSTALLATIONS AND SERVICES:		Civil Aviation Regulation/ICAO SARP's Reference	OBSERVATIONS
A	RUNWAY PAVEMENT, VISUAL AIDS AND SIGNAGES	ICAO Annex 14, 3.1	
i	Orientation of all runway(s)	ICAO Annex 14,3.1.1	
ii	surface condition (depression, pot hole, rutting):	ICAO Annex 14,3.1.21	

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iii	surface friction/rubber deposit/ date of last friction test with coefficient value:	5.1.23,Doc 9137 pt-8- chapter 7	
iv	Slopes:	ICAO Annex 14,3.1.12	
v	Visual markings (TDZ, aiming point, THR, C/L, side strip , designation, ret/ TWY links etc) :	ICAO Annex 14,5.2	
vi	Basic strip (flushing , grading , obstacle):	ICAO Annex 14, 3.4,3.4.6,3.4.8	
vii	lightings (THR, END, TDZ, C/L , RETIL):	ICAO Annex 14, 5.3.8,5.3.11,5.3.13 , 5.3.12,5.3.14	
viii	Signages (informative / mandatory) :	ICAO Annex 14, 5.4	
ix	Approach lights (simple/ CAT-1/II/III)	ICAO Annex 14, 5.3.14	
x	PAPI(date of last survey):	ICAO Annex 14, 5.3.24	
xi	RESA:	ICAO Annex 14, 3.5	
xii	any other observation :		
B	APRON PAVEMENT, VISUAL AIDS AND SIGNAGES	ICAO Annex 14, 3.13	
i	Surface condition (depression, pot hole, rutting):	ICAO Annex 14, 3.13.1	
ii	Visual markings (break away point,edge ,vehicular lane , taxi lane ,safety line , eqpt parking area etc) :	ICAO Annex 14, 5.2, 5.2.14,	
iii	Lights : edge , flood lights etc.:	ICAO Annex 14, 5.3.23	

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iv	Illumination level on apron (in lux):	ICAO Annex 14, 5.3.1.10	
v	Signages (informative / mandatory) :	ICAO Annex 14, 5.4.2,5.4.3	
vi	Parking stand identification / coordinates/docking system (papa agnis / vdgis) / aerobridge etc. :	ICAO Annex 14, 5.2.13, 5.2.14	
vii	Equipment parking area :	Doc 9137 pt-8- 10.6.1.1	
viii	FOD collection system :	Doc 9137 pt-8- 10.6.3	
xi	Aircraft stand markings and apron safety lines:	ICAO Annex 14, 5.2.13,5.2.14	
x	Any other observation :		
C	OPERATIONAL AREA		
i	Boundary wall :	ICAO Annex 14, 9.10	
ii	Normal and emergency access routes :	ICAO Annex 14, 9.2.26-28	
iii	Signal square .wind direction indicator:	ICAO Annex 14, 5.1	
v	Isolation parking stand :	ICAO Annex 14, 3.14	
vi	Obstruction lights of obstructions / obstacles :	ICAO Annex 14, 6.1.1	
vii	Apron management services	ICAO Annex 14, 9.5	
viii	Drainage Condition of the movement areas:	Doc 9137 pt-9- Chapter 5	
ix	Holding position marking (TWY , road	ICAO Annex 14,	

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	etc):	3.12	
x	Demarcation of localizer & glide path sensitive / critical areas :	ICAO Annex 11-3.8.2	
xi	Any other observation :		
D	TAXIWAYS PAVEMENT, VISUAL AIDS AND SIGNAGES:	ICAO Annex 14, 3.9	
i	Markings (c/l , edge , ith):	ICAO Annex 14, 5.2.8, 5.2.11	
ii	Lights: edge, center line (if avbl.) etc :	ICAO Annex 14, 5.3.17,5.3.16	
iii	Surface condition :	ICAO Annex 14, 3.9.13,3.9.14	
iv	Strip :	ICAO Annex 14, 3.11	
v	Signages (informative / mandatory)	ICAO Annex 14, 5.2.17,5.2.16	
vi	Any other observation :		
E	GROUND AND FLIGHT CHECKS OF VISUAL AIDS		
i	Frequency of self –inspection of visual aids	Do 9157- Part 8	
ii	Availability of data for routine checks	Do 9157- Part 8	
iii	Ground Inspection procedure	Do 9157- Part 8	
iv	Approach lighting system inspection	Do 9157- Part 8	
v	VASIS/PAPI/APAPI system ground inspection record	Do 9157- Part 8	
vi	Flight checks after major construction	Do 9157- Part 8	
vii	Flight checks of approach and runway	Do 9157- Part 8	

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	lighting system		
viii	Location/identification of beacon	Do 9157- Part 8	
F	RESCUE AND FIRE FIGHTING SERVICES :	Regulation 94 and ICAO Annex 14, Doc 9137- Part 1.	
i	Fire Category :	ICAO Annex 14, 9.2.5,9.2.6	
ii	Equipments of rescue & fire fighting :	ICAO Annex 14, 9.2.20,9.2.38, Doc 9137 pt-8-17.1.2©	
iii	Extinguishing agents :	ICAO Annex 14, 9.2.8	
iv	Training/ drill (full scale & table top emergency exercise) :	ICAO Annex 14,9.2.34,9.2.35,Doc 9137 pt-7-13.2	
v	Communication systems :	9.2.31,9.2.32	
vi	Rescue resources , Extinguishing agents, water storage :	9.2.19,9.2.20/ 9.2.8/ 9.2.14,9.2.15	
vii	Hydrant system :	Doc 9137 pt-8-17.7.2	
viii	Maintenance of records(log books, vehicle, drill etc) :	Aerodrome Manual	
ix	Rescue equipment	Doc 9137- Part 1.	
x	Crush bell or tie line serviceability	Doc 9137- Part 1.	
G	AERODROME INFORMATION		
i	Date of Publication in the AIP:	Doc 9137 pt-8-Chapter 2, AIP	
ii	Adequacy of Information :	Doc 9137 pt-8,Chapter 2, AIP	
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iii	Current NOTAM's:	Doc 9137 pt-8- Chapter 2	
iv	Operational restrictions, if any :	AIP	
v	Any other observation :		
H	AERODROME OPERATIONS		
i	Aerodrome Manual :	Regulation Part IV	
ii	SOPs for operations and maintenance :	Aerodrome Manual	
iii	Airport Emergency Plan :	9.1,Doc 9137 pt-7	
vi	Obstacle regulation & control procedures :	4.2.14-4.2.26,Doc 9137 pt-6, pt-8- chapter 12	
v	Coordination between ATM & aerodrome operations :	2.13, Doc 9137 pt- 8-1.4	
vi	Wild life Hazard Management :	9.4,Doc 9137 pt-8- chapter 9	
vii	Construction/ Development activities on-going :	Doc 9137,pt 8- chapter 8	
viii	Obstacle control procedure :	Doc 9137,pt6 Chapter 4	
ix	Control & compliance of obstructions, date of last survey carried :	Doc 9137 pt 8- chapter 12	
x	Aerodrome charts : grid map , zoning map, type a & b, date of publication,:	Doc 9137,pt 7- chapter 7, Doc 9137,pt 8- 12.6,15.5	
xi	Licencing compliance system & availability of equipments for standardization :	AD AC No.2	
xii	Secondary power supply for essential	Doc 9137,pt9-	

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	services :	3.3.8	
xiii	follow me/push-back services	Doc 9137,pt-8-2.2-3.2	
xiv	Any other observation :		
I	SAFETY MANAGEMENT SYSTEM	Regulation 39, Doc 9859	
i	Safety Management Manual :	Doc 9859	
ii	Appointed Safety Manager	Doc 9859-8.6,10.1-10.6	
iii	SMS organization chart	Doc 9859	
iv	SMS Implementation Plan and its status of implementation :	Doc 9859-chapter 10	
v	System of hazard identification and risk assessment including documentation :	Doc 9859-chapter 8&9	
vi	Safety promotion	Doc 9859	
v	Any other observation :		
J	AVAILABILITY & ADEQUACY OF PERSONNEL FOR AERODROME OPERATIONS :		
i	Aerodrome operation personnel :	Doc 7192-AN/857,part E-2	
ii	RFFS Personnel:	9.2.36,Doc 9137 pt-8-17.6	
iii	Aerodrome Maintenance Personnel :	Doc 9137 pt 9-1.5.7	
iv	Any other observation :		
K	COMMUNICATION/NAVIGATION FACILITIES :		

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i	Navigation facilities (NDB/DVOR/MSSR/ILS)	Regulation 115	
ii	Serviceability / reliability status of navigational aids:	Regulation 48	
iii	Serviceability / reliability status of air ground communication facilities (VHF, HF etc), inter unit communication :	Regulation 115	
iv	Ground / air calibration status of navigation aid DVOR , ILS, SMR , SMGCS :	Regulation 115	
v	Check quality of recording :	Annex 11-6.2-6.4	
vi	Any other observation :		
L	METEOROLOGY :		
i	Facilities – class I/ II/III :	ICAO Annex 3- chapter 2	
ii	Services provided and their adequacy :	ICAO Annex 3- chapter 2	
iii	Meteorological Reports :	ICAO Annex 3- chapter 4	
iv	Timely dissemination :	ICAO Annex 3- chapter 4	
v	Any other observation :		
M	TERMINAL BUILDING FACILITATION :		
i	Capacity & adequacy of terminal building :	Doc 9137,pt 9- chapter 9	
ii	Drinking water :	Doc 9137,pt 9- chapter 9	
iii	Communication/pa system :	Doc 9137,pt 9- chapter 9	
iv	Air condition/ventilation :	Doc 9137,pt 9- chapter 9	
v	Grievances redressal mechanism :	Aerodrome manual	

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vi	Availability & adequacy of trained manpower :	Doc 9137,pt7, Doc 9137,pt 8-17.6	
vii	Facilities for physically challenged person :	Sec3, Series M, pt 1	
viii	availability of fire fighting system / equipments:	Doc 9137,pt 9-9.1.4	
ix	Medical first aid facilities:	Doc 9137,pt 7-Appendix 3	
x	Check in counters/ weighing scale	Aerodrome Manual	
xi	Baggage make up/break up area	Doc 9137,pt 9-9.7	
xii	Any other observation :		

SUMMARY OF OBSERVATIONS :

REMARKS BY THE AERODROME INSPECTOR :

NOTES ON UNRESOLVED SAFETY CONCERNS FROM PREVIOUS SURVEILLANCE

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	<p align="center">TANZANIA CIVIL AVIATION AUTHORITY</p> <p align="center">SAFETY REGULATION</p>	<p>Revision: 0</p>
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<p>NAME OF INSPECTING OFFICER</p> 	<p>SIGNATURE OF INSPECTING OFFICER :</p> <p>DATE</p>