

# AERODROME STANDARDS DIRECTORATE

## SURVEILLANCE INSPECTION CHECK LIST

Checklist broadly covers all areas of aerodrome operation, procedures & facilities.

Effort should be made to cover areas depending on the time allocated for the inspection and deficiencies to be reflected quoting the legislative reference of CAR/ guidance material.

The level of findings (Level I or Level II) defined in the DGCA surveillance manual should be indicated for the each observations.

NAME OF AERODROME :				
DATE OF INSPECTION :				
PHYSICAL CHARACTERISTICS:		CAR,SEC-4, Ser. B, Pt I / ICAO Ref.	OBSERVATIONS	Level
<b>A</b>	<b>RUNWAY :</b>	3.1		
i	ORIENTATION OF ALL RUNWAY(S)	3.1.1		
ii	SURFACE CONDITION (DEPRESSION, POT HOLE, RUTTING):	3.1.21		
iii	SURFACE FRICTION/RUBBER DEPOSIT/ DATE OF LAST FRICTION TEST WITH COEFFICIENT VALUE:	5.1.23,Doc 9137 pt-8- chapter 7		
iv	SLOPES:	3.1.12		
v	VISUAL MARKINGS ( TDZ, AIMING POINT, THR,C/L,SIDE STRIP , DESIGNATION, RET/ TWY LINKS ETC ) :	5.2		
vi	BASIC STRIP ( FLUSHING , GRADING , OBSTACLE):	3.4,3.4.6,3.4.8		
vii	LIGHTINGS ( THR, END, TDZ,C/L , RETIL):	5.3.8,5.3.11,5.3.13, 5.3.12,5.3.14		
viii	SIGNAGES (INFORMATIVE / MANDATORY) :	5.4		
ix	APPROACH LIGHTS ( SIMPLE/ CAT-I/II/III)	5.3.14		
x	PAPI (DATE OF LAST SURVEY):	5.3.24		
xi	RESA :	3.5		

xii	ANY OTHER OBSERVATION :			
<b>B</b>	<b>APRON :</b>	3.13		
i	SURFACE CONDITION (DEPRESSION, POT HOLE, RUTTING):	3.13.1		
ii	VISUAL MARKINGS ( BREAK AWAY POINT,EDGE ,VEHICULAR LANE , TAXI LANE ,SAFETY LINE , EQPT PARKING AREA ETC) :	5.2, 5.2.14,		
iii	LIGHTS : EDGE , FLOOD LIGTS ETC.:	5.3.23		
iv	ILLUMINATION LEVEL ON APRON ( IN LUX):	5.3.1.10		
v	SIGNAGES (INFORMATIVE / MANDATORY) :	5.4.2,5.4.3		
vi	PARKING STAND IDENTIFICATION / COORDINATES/DOCKING SYSTEM ( PAPA AGNIS / VDGIS ) / AEROBRIDGE ETC. :	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		
ix	ANY OTHER OBSERVATION :			
<b>C</b>	<b>OPERATIONAL AREA :</b>			
i	BOUNDARY WALL :	9.10		
ii	NORMAL AND EMERGENCY ACCESS ROUTES :	9.2.26-28		
iii	SIGNAL SQUARE .WIND DIRECTION INDICATOR:	5.1		
iv	COOLING OFF PIT :	BCAS requirement		
v	ISOLATION PARKING STAND :	3.14		
vi	OBS. LIGHTS OF OBSTRUCTIONS / OBSTACLES :	6.1.1		
vii	ARP & ITS MAINTENANCE :	9.5		
viii	DRAINAGE :	Doc 9137 pt-9-chapter 5		

ix	HOLDING POSITION MARKING (TWY , ROAD ETC):	5.2.10		
x	DEMARCATON OF LOCALIZER & GLIDE PATH SENSITIVE / CRITICAL AREAS :	Annex 11-3.8.2©		
xi	ANY OTHER OBSERVATION :			
<b>D</b>	<b>TAXIWAYS :</b>	3.9		
i	MARKINGS ( C/L , EDGE , ITH ):	5.2.8, 5.2.11		
ii	LIGHTS: EDGE, CENTER LINE (IF AVBL.) ETC :	5.3.17,5.3.16		
iii	SURFACE CONDITION :	3.9.13,3.9.14		
iv	STRIP :	3.11		
v	SIGNAGES ( INFORMATIVE / MANDATORY)	5.2.17,5.2.16		
vi	ANY OTHER OBSERVATION :	5.2.13,5.2.14		
<b>E</b>	<b>ARFF :</b>	9		
i	CATEGORY :	9.2.5,9.2.6		
ii	EQUIPMENTS OF RESCUE & FIRE FIGHTING :	9.2.20,9.2.38, Doc 9137 pt-8- 17.1.2©		
iii	EXTINGUISHING AGENTS :	9.2.8		
iv	SOPS :	AD AC-1		
v	TRAININGS/ DRILL ( FULL SCALE & TABLE TOP EMERGENCY EXERCISE ) :	9.2.34,9.2.35,Doc 9137 pt-7-13.2		
vi	COMMUNICATION SYSTEMS :	9.2.31,9.2.32		
vii	RESCUE RESOURCES , EXTINGUISHING AGENTS, WATER STORAGE :	9.2.19,9.2.20/ 9.2.8/ 9.2.14,9.2.15		
viii	HYDRANT SYSTEM :	Doc 9137 pt-8- 17.7.2		
ix	MAINTENANCE OF RECORDS( LOG BOOKS, VEHICLE, DRILL ETC) :	Aerodrome Manual		
x	ANY OTHER OBSERVATION :	9.2.38		

<b>F</b>	<b>AERODROME INFORMATION (AD 2) :</b>			
i	DATE OF PUBLICATION :	Doc 9137 pt-8-Chapter 2		
ii	ADEQUACY OF INFORMATION :	Doc 9137 pt-8-Chapter 2		
iii	CURRENT NOTAM'S :	Doc 9137 pt-8-Chapter 2		
iv	OPERATIONAL RESTRICTIONS, IF ANY :	AIP		
v	ANY OTHER OBSERVATION :			
<b>G</b>	<b>AERODROME OPERATIONS :</b>			
i	AERODROME MANUAL :	1.4.4		
ii	SOPS FOR OPERATIONS AND MAINTENANCE :	Aerodrome Manual		
iii	AIRPORT EMERGENCY PLAN :	9.1,Doc 9137 pt-7		
iv	ANTIHIJACKING PLAN :	Doc 9137 pt-7		
v	BOMB THREAT CONTINGENCY PLAN :	Doc 9137 pt-7		
vi	OBSTACLE REGULATION & CONTROL PROCEDURES :	4.2.14-4.2.26,Doc 9137 pt-6, pt-8-chapter 12		
vii	COORDINATION BETWEEN ATM & AERODROME OPERATIONS :	2.13, Doc 9137 pt-8-1.4		
viii	WILD LIFE CONTROL MECHANISM :	9.4,Doc 9137 pt-8-chapter 9		
ix	AEMC MEETING & ACTION ITEMS :	AD AC-1		
x	CONSTRUCTION/ DEVELOPMENT ACTIVITIES :	Doc 9137,pt 8-chapter 8		
xi	OBSTACLE CONTROL PROCEDURE :	Doc 9137,pt6 Chapter 4		
xii	CONTROL & COMPLIANCE OF OBSTRUCTIONS, DATE OF	Doc 9137 pt 8-chapter 12		

	LAST SURVEY CARRIED :	chapter 12		
xiii	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		
xiv	LICENCING COMPLIANCE SYSTEM & AVAILABILITY OF EQUIPMENTS FOR STNDARDISATION :	AD AC No.2		
xv	STAND BY POWER SUPPLY FOR ESSENTIAL SERVICES :	Doc 9137,pt9-3.3.8		
xvi	FOLLOW ME / OPS. JEEP :	Doc 9137,pt-8-2.2- 3.2		
xvii	ANY OTHER OBSERVATION :			
<b>H</b>	<b>SAFETY MANAGEMENT SYSTEM :</b>	1.5		
i	SAFETY MANAGEMENT MANUAL :	Doc 9859		
ii	SAFETY MANAGER AND SYSTEMS FOR IMPLEMENTATION :	Doc 9859-8.6,10.1- 10.6		
iii	STATUS OF IMPLEMENTATION :	Doc 9859-chapter 10		
iv	COMPLIANCE OF SMS :	Doc 9859-chapter 8&9		
v	ANY OTHER OBSERVATION :			
<b>I</b>	<b>AVAILABILITY &amp; ADEQUACY OF TRAINED MANPOWER FOR AERODROME OPERATIONS :</b>			
i	AERODROME OPERATIONS :	Doc 7192- AN/857,part E-2		
ii	ARFF :	9.2.36,Doc 9137 pt-8-17.6		
iii	MAINTENANCE :	Doc 9137 pt 9- 1.5.7		
iv	ANY OTHER OBSERVATION :			
<b>J</b>	<b>ATC :</b>			

i	SERVICES PROVIDED / UNIT :	Annex 11-3.2		
ii	COMMUNICATION FACILITIES : VHF, TELEPHONE, DSC , FIRE ALARM , ALDEIS LAMP, ETC. :	Doc 9137 pt 7- 12.2.3, Annex 11- 6.2		
iii	AVAILABILITY OF RELEVANT ICAO DOCS, ATS CIRCULARS, AICS, NOTAMS, DGCA- CARS :	Annex 11- chapter 7		
iv	DISPLAY OF LANDING, INSTRUMENT APPROACH , AERODROME CHARTS, GRID MAP ETC. :	Doc 9426		
v	AVAILABILITY OF UPDATED DOCS REGARDING : AEP , BOMB THREAT, SEARCH & RESCUE, AIR SAFETY CIRCULARS TO DEAL WITH THE SITUATION IN THE EVENT OF AIRCRAFT INCIDENT / ACCIDENT ETC. :	Doc 9426		
vi	DISPLAY OF THE LIST OF MEDICAL PRECTIONERS, WHO SHOULD BE AVAILABLE IN CASE OF AN EMERGENCY, TOGETHER WITH THEIR ADDRESSES & TELEPHONE NUMBERS IN THE CONTROL TOWER :	Doc 9426		
vii	RWY LIGHTING AND REMOTE STATUS INDICATOR OF NAV. AIDS :	Doc 9426		
viii	ANY OTHER OBSERVATION :			
<b>K</b>	<b>COMMUNICATION/NAVIGATION FACILITIES :</b>			
i	NAV FACILITIES (NDB/DVOR/MSSR/ILS)	Sec 4, Series -X, part 1		
ii	SERVICEABILITY / RELIABILITY STATUS OF NAVIGATIONAL AIDS:	Sec 4, Series -X, part 1		
iii	SERVICEABILITY / RELIABILITY STATUS OF AIR GROUND COMMUNICATION FACILITIES ( VHF, HF ETC ), INTER UNIT COMMUNICATION :	Sec 4, Series -X, part 1		
iv	GROUND / AIR CALIBRATION STATUS OF NAVIGATION AID DVOR , ILS, SMR , ASMGCS :	Sec 4, Series -X, part 1		
v	CHECK QUALITY OF RECORDING :	Annex 11-6.2-6.4		

vi	ANY OTHER OBSERVATION :			
<b>L</b>	<b>METEOROLOGY :</b>			
i	FACILITIES – CLASS I/ II/III :	Annex 3-chapter 2		
ii	SERVICES PROVIDED AND THEIR ADEQUACY :	Annex 3-chapter 2		
iii	MET REPORTS :	Annex 3-chapter 4		
iv	TIMELY DISSEMINATION :	Annex 3-chapter 4		
v	ANY OTHER OBSERVATION :			
<b>M</b>	<b>PASSENGER FACILITATION :</b>			
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		
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 :			

