Air Safety Circular
Maldives Civil Aviation Authority

ASC 139-11 Guidance on Aerodrome Certification
for Prospective Aerodrome Certificate Holders
Attachment C – Self-Assessment Checklist

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No	Core Item	Yes	No	NA
1	**PHYSICAL CHARACTERISTICS**			
1.1	Runway Pavement completed			
1.2	Runway Shoulders(graded)			
1.3	Runway Turn pads			
1.4	Runway Strips			
1.5	Runway Strip Graded & Cleared			
1.6	Aiming Point / TDZ			
1.7	Provision of RESA			
1.8	Taxiways			
1.9	Taxiway shoulders (graded)			
1.10	Taxiway Strips (if applicable)			
1.11	Apron			
1.12	Vehicle access roads			
1.13	Aerodrome Fencing			
1.14	Security lighting			
1.15	Perimeter road (if available)			
1.16	Terminal Infrastructure completed			
2	**APRON MANAGEMENT**			
2.1	Apron Markings			
2.2	Aircraft Parking Areas			
2.3	Apron Equipment			
2.4	Turnaround Procedures			
2.5	Visual Docking Guidance Systems (if available)			
2.6	FOD Control mechanism			
2.8	Marshalling arrangement			
3	**VISUAL AIDS FOR NAGIVATION**			
3.1	Wind direction indicator			
3.2	Signalling lamp			
4	**MARKINGS**			
4.1	Runway Designation Marking			
4.2	Runway Centreline Markings			
4.3	Threshold Marking			
4.4	Aiming point marking			
4.5	Touchdown zone marking			
4.6	Runway side stripe marking			
4.7	Runway turn pad markings			
4.8	Runway holding position marking			
4.9	Intermediate holding position marking			NA
4.10	VOR Aerodrome checkpoint marking (if applicable)			
4.11	Displaced threshold marking (if applicable)			
4.12	Aircraft Stand Marking			
4.13	Apron Safety Lines			
4.14	Road holding position marking			
4.15	Mandatory Instruction Marking			
4.16	Information Marking			

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No	Core Item	Yes	No	NA
5	**LIGHTS**			
5.1	Runway threshold identification lights (if applicable)			
5.2	Runway edge lights			
5.3	Runway End Lights			
5.4	Runway threshold and wind bar lights			
5.5	Taxiway edge lights (if applicable)			
5.6	Runway turn pad lights			
5.7	Apron floodlighting			
5.8	Runway centreline light (if applicable)			
5.9	Runway touchdown zone lights (if applicable)			
5.10	Approach Lighting system (if applicable)			
5.11	Aeronautical Beacons (if applicable)			
5.12	Alternate Power Switch-Over Times			
5.13	PAPI			
5.14	PAPI Checks (location & survey)			
5.15	Flight Checks			
6	**RUNWAY SURFACE FRICTION**			
6.1	Runway Surface Friction Assessments (for existing runways)			
6.2	Procedures / Documentation			
7	**OBSTACLE RESTRICTION AND REMOVAL**			
7.1	Obstacles clear of OLS			
7.2	Obstacles identified and surveyed			
7.3	Obstacles marked as per the requirement			
8	**WILDLIFE HAZARD CONTROL & HABITAT MANAGEMENT**			
8.1	Wildlife Hazard Management Plan			
8.2	Equipment, vehicle and dispersal techniques			
9	**RESCUE AND FIRE FIGHTING SERVICES**			
9.1	Level of protection provided:	*(insert category here)*		
	AIRPORT FACILITIES			
9.2	Emergency Access Roads			
9.3	Emergency Access Gates Identification			
9.4	Auxiliary Water Supplies (replenishment mechanism)			
	COMMUNICATION			
9.5	Direct Line ATC - Watchroom			
9.6	RFS Alerting System			
9.7	External Emergency Communication Facilities			
9.8	RFS Internal Comms Facilities			
9.9	Radio Communication (Appliances)			
9.10	Communications (Portable)			
	RESCUE & FIREFIGHTING VEHICLES			
9.11	RFFS Vehicles			
	NUMBER OF VEHICLES FOR CATEGORY	*(insert no.s here)*		
9.13	Vehicle Certification / Calibration			
9.14	Vehicle Daily Testing & Recording			
9.15	Vehicle Overall Condition - Satisfactory			
9.16	Vehicle Equipment Locker Storage			

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No	Core Item	Yes	No	NA
9.17	Vehicle Maintenance Records			
9.18	Vehicle Foam Testing Records			
9.19	Specialist Vehicles/vessel (Difficult Terrain)			
	PERSONAL PROTECTIVE EQUIPMENT (CLOTHING)			
9.20	PPE			
9.21	Adequate No. PPE availability			
9.22	PPE Inspection Records			
9.23	PPE Storage (Drying Room)			
	RESPIRATORY PROTECTIVE EQUIPMENT			
9.24	Breathing Apparatus Sets			
9.25	Breathing Apparatus Cylinders			
9.26	Storage & Servicing Facilities			
9.27	Foam Testing facilities			
9.28	Testing & Inspection Records			
9.29	Breathing Apparatus Cylinder Recharge			
9.30	Induction Training / Assessing Process			
9.31	Respirators (Post Fire Protection)			
9.32	Respirator Records & Procedures			
	FIREFIGHTING AGENTS			
9.33	Storage Facilities			
9.34	Foam Certification of Conformity			
9.35	Foam Storage (200%) Facilities			
9.36	Appliance Replenishment Process (Foam)			
9.37	Foam Environmental Considerations			
9.38	Complementary Media storage (200%) Facilities			
9.39	Appliance Replenishment Process (Comp)			
9.40	Training in the application of Foam / Equipment			
9.41	Training on the use of Complementary Media			
	FIRE STATION			
9.42	Infrastructure Completion			
9.43	Domestic Facilities			
9.44	Watchroom Facilities / Observation / Staffing			
9.45	Station Alarm & Alerting System			
9.46	PA systems			
9.47	Training/Lecture Room			
9.48	BA Servicing Facilities			
9.49	Equipment Storage Facilities			
9.50	Equipment Maintenance Facilities			
10	**MEDICAL SERVICES**			
10.1	Medical Clinic / First Aid Room Provided			
10.2	Ambulance Provided / Alternate means			
10.3	First Aid Training			
10.4	Medical Equipment provided			

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No	Core Item	Yes	No	NA
11	**PERSONNEL**			
11.1	Organizational Chart			
11.2	Key personnel Identified			
11.3	Training Needs Identified and Training Programme developed			
12	**CERTIFICATION DOCUMENTATION**			
12.1	Aerodrome Manual			
12.2	Airport Emergency Plan			
12.3	SMS Manual			
12.4	Aerodrome Data Survey Report (WGS 84)			
12.5	Aerodrome Boundary Map			
12.6	Aerodrome Lease/Management Agreements			
12.7	Pavement Strength evaluation report			
12.12	Wildlife Management Programme			
12.13	Preventative Maintenance Programme			
12.14	Staff Training Programme			
12.15	Aerodrome Reporting			
12.16	Runway Surface Condition reporting			
12.17	Drug & Alcohol Management Programme			
12.18	Runway Works Safety			
12.19	Runway Friction assessment			
	Additional documentation			
12.20	Aerodrome Master plan			
12.21	Aerodrome Insurance			
12.21	Approved Airport Security Programme*			

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		TERMINAL INFRASTRUCTURE, SERVICES & EQUIPMENTS	YES	NO	N/A
		Documentation			
1		Terminal Services functional Chart			
2		Terminal floor plan			
3		**Check-in services and facilities** (based on per hour pax capacity)			
4		**Security Inspection area** (based on per hour pax capacity)			
5		**Seating capacity and arrangements at Gate lounges and other waiting areas**			
6		**Inbound baggage systems, including reclaiming services and facilities**			
7		**Baggage Trolleys** Numbers and retrieval mechanism (based on per hour pax capacity)			
8		**Flight Information, signage and public address systems**			
9		**Washrooms**			
10		**Portable water within the terminal area**			
11		**Adaptation to the needs of persons with disabilities** - airport facilities - airport services			
12		**First Aid** - Trained personal - Medical room with access to both departure and arrival - Medicine, Oxygen, wheelchair, beds Arrangement with Island/Regional hospital			