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## CIVIL AVIATION DEPARTMENT

Male'

Republic of Maldives

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# MALDIVIAN AIRWORTHINESS REQUIREMENTS

Series "C" No. 15  
Issue 01  
Dated 04 March 2002  
Effective 04 April 2002

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## Subject:- Carriage of Oxygen for Medical use by Passengers

### 1. Scope

This Maldivian Airworthiness Requirements prescribes how an oxygen generator may be used on board an aircraft for a passenger requiring medical oxygen other than in the event of an in-flight emergency.

### 2. Requirements

The holder of an Air Operator's Certificate may allow a passenger to carry and operate equipment for the storage, generation, or dispensing of oxygen when the following conditions are met;

(a) The equipment is;

- i. furnished by the AOC holder;
- ii. of an approved type or is in conformity with the manufacturing, packaging, marking, labeling, and maintenance requirements;
- iii. maintained by the certificate holder in accordance with an approved maintenance program;
- iv. free of flammable contaminants on all exterior surfaces;

- v. capable of providing a minimum mass flow of oxygen to the user of four liters per minute;
  - vi. constructed so that all valves, fittings, and gauges are protected from damage, and;
  - vii. appropriately secured without hindering any emergency exits. Installation location must be approved.
- (b) When the oxygen is stored in the form of a liquid, the equipment must be under the AOC holder's approved maintenance program since its purchase new or since the storage container was last purged.
- (c) When the oxygen is stored in the form of a compressed gas;
- i. The equipment must be under the AOC holder's approved maintenance program since its purchase new or since the last hydrostatic test of the storage cylinder, and;
  - ii. The pressure in any oxygen cylinder must not exceed the rated cylinder pressure.
- (d) Each person using the equipment must have a medical need to use it evidenced by a written statement to be kept in that person's possession, signed by a licensed physician which specifies the maximum quantity of oxygen needed each hour and the maximum flow rate needed for the pressure altitude corresponding to the pressure in the cabin of the airplane under normal operating conditions; this sub-paragraph does not apply to carriage of oxygen in an airplane in which the only passengers carried are persons who may have a medical need for oxygen during flight, no more than one relative or other interested person for each of those persons, and medical attendants.
- (e) the total quantity of oxygen carried must be equal to the maximum quantity of oxygen needed each hour, as specified in the physician's statement, multiplied by the number of hours used to compute the amount of airplane fuel required.
- (f) the pilot in command must be advised when the equipment is on board, and when it is intended to be used.

- (g) the equipment must be stowed and each person using the equipment must be seated, so as not to restrict access to or use of any required emergency or regular exit or of the aisle in the passenger compartment.
- (h) no person may smoke and no certificate holder may allow any person to, smoke within 10 feet of oxygen storage and dispensing equipment carried in accordance with this MAR.
  - i. no certificate holder may allow any person other than a person trained to connect or disconnect oxygen dispensing equipment or any other ancillary component to or from gaseous oxygen cylinder while any passenger is aboard the airplane.
  - ii. the requirements of this section do not apply to the carriage of supplemental or first aid oxygen and related equipment required by 4.4.2 and 4.4.3 in MAR Series C 09.
- (i) this MAR does not apply when the equipment is furnished by a professional or medical emergency service for professional or medical emergency service for use on board an aircraft in a medical emergency when no other practical means of transportation (including any other properly equipped certificate holder) is reasonably available and the person carried under medical emergency is accompanied by a person trained in the use of medical oxygen.
- (j) Each certificate holder who, under the authority of paragraph 2(i) of this MAR deviates from paragraph 1 if this MAR under a medical emergency shall, within 10 days, excluding Friday and Saturdays, and Public Holidays, after the deviation, send to the Civil Aviation Department a complete report of the operation involved, including a description of the deviation and the reasons for it.

**3. Effectivity**

This MAR comes into effect on 04 April 2002.



Mahmood Razee

**DIRECTOR GENERAL OF CIVIL AVIATION**



**DEPARTMENT OF CIVIL AVIATION**  
**MINISTRY OF TRANSPORT AND COMMUNICATION**

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**APPLICATION FOR AERODROME**

1. Particulars of the proposed licensee (as required to be shown on the licence)
  - a) Full name.....
  - b) Address: .....

*Note: The licence holder must be legal person. If a group or club applying for a licence is not incorporated the names(s) of their person(s) who will hold the licence and be responsible for giving effect to the conditions of the licence should be stated.*

2. Details of the aerodrome.
  - a) proposed name of aerodrome.....
  - b) WGS84 co-ordinates.....
  - c) position of aerodrome with reference to the nearest town.

*Note: This application must be accompanied by a map showing the exact boundaries of the proposed aerodrome it should show the location of the floating platform and the distance from the nearest landmark.*

3. Details of Licence
  - a) Period for which licence is required, if less than 12 months.
  - b) Do you require licence for public use.
  - c) Classification of aircraft to be operated at the aerodrome, eg. aeroplanes, helicopters gyroplanes


4. a) Type and maximum total weight authorised of the heaviest aircraft engaged on the flights for the purpose of the public transport of passengers and for instruction in flying expected to use the aerodrome.
- b) Expected average number of movements per calendar month of aircraft shown at (a) during the threee busiest calendar months of the year. (one movement is one take-off or one landings)

Public Transport of Passengers	Instructions in flying
Type	
Weight	

5. Is the aerodrome to be used for night flying?

6. Are you the owner of the aerodrome site?

IF NOT PLEASE STATE

- a) Details of any rights that you hold over the site
  - b) The period for which you hold these rights
  - c) The name and address of the owner or tenant whose permission has been obtained for the site to be used as an aerodrome
7. a) Does any public or private right of way exist on or near the proposed aerodrome?
- b) If so, would the use of the site as an aerodrome interfere with such rights?
- c) If there is a risk of interference with private rights, please give details of any agreement made with the holder of the rights for the use of the site as aerodrome.


8. The following table conforms to that of the Civil Aviation Department Scheme of Charges (Aerodrome Licensing). Please enter against the highest weight category appropriate to your aerodrome the total number of movements of aircraft in that category flying for the purpose of public transport of passengers and instruction in flying which you expect to take place at the aerodrome during the busiest consecutive three months of a twelve months period of operations.

The figure required is the combined total for the three months, each take-off and each landing counting as a movement.

CATEGORY (by weight of aircraft)	No. of movements
a) Not exceeding 5 tonnes	
b) Exceeding 5 tonnes but not exceeding 35 tonnes	
c) Exceeding 35 tonnes but not exceeding 140 tonnes	
d) Exceeding 140 tonnes	

9. Will Air Traffic Control Service with licenced Air Traffic Controllers be provided? YES/NO

**CERTIFICATE**

I hereby certify that the foregoing information is correct in every respect and no relevant information has been withheld.

**INFORMATION**

Before an aerodrome licence is granted the Civil Aviation Department will require to be satisfied that the physical conditions on the manoeuvring area and in the environs of the aerodrome are acceptable, that the scale of equipment provided is adequate, and the aerodrome is organised, staffed and has maintenance and other arrangements sufficient to ensure the safe operation of the aerodrome and its facilities for the purposes for which the licence application has been made. The requirements are set out in detail in the MAR Series C 14 and ICAO Annex 14.