



GM 14-26

CIVIL AVIATION AUTHORITY OF BANGLADESH

Guidance Manual

Hazardous Non-aeronautical Ground Lights / LASER Emitter Near the Aerodrome



Version 2.0
28 MAY 2024

AERODROME STANDARD DIVISION



GM 14-26

CIVIL AVIATION AUTHORITY OF BANGLADESH

Guidance Manual on Hazardous Non-aeronautical Ground Lights / LASER Emitter Near the Aerodrome

Version-2.0

28 May 2024

Aerodrome Standard Division

RECORD OF AMENDMENTS AND CORRIGENDA

AMENDMENTS				CORRIGENDA			
No.	Date applicable	Date entered	Entered by	No.	Date of issue	Date entered	Entered By

REVISION HISTORY

Revision / Version	Date	Chapter / Section	Details
1.0	27 June 2011	All	AC(AD)No-10 Hazardous Non-aeronautical Ground lights/LASER emitter near the Aerodrome
2.0	10 May 2024	All	GM 14-26 Hazardous Non-aeronautical Ground lights/LASER emitter near the Aerodrome

TABLE OF CONTENTS

RECORD OF AMENDMENTS AND CORRIGENDA	1
REVISION HISTORY	2
FOREWORD	4
1. Purpose.....	5
2. National rule as applicable.....	5
3. Application.....	5
4. Action by the Aerodrome Operator	5
5. Action by the Ops Division of CAAB	6

FOREWORD

Rule 262 of CAR-84 empowers the Chairman, CAAB to take certain actions whenever any light is exhibited at, or in the neighborhood of, an aerodrome, air route or airway facility and the light is likely to endanger the safety of aircraft, whether by reason of glare or by causing confusion with, or preventing clear reception of, the lights or signals described in CAR-84 or of air route or airway facilities operated in pursuance of the rules of CAR-84.

This Guidance Manual (GM) describes the mechanism and procedures to be followed a situation whenever exhibition of any hazardous non-aeronautical ground lights or a LASER emitter is identified at, or in the neighborhood of, an aerodrome, air route or airway facility and the light is likely to endanger the safety of aircraft.

An Aerodrome Operator is expected to comply with the mechanism and procedures as described in this GM whenever any light is exhibited at, or in the neighborhood of, an aerodrome, air route or airway facility and the light is likely to endanger the safety of aircraft, whether by reason of glare or by causing confusion with, or preventing clear reception of, the lights or signals.

This GM is issued under the authority of the Chairman, CAAB and will become effective on the date mentioned in the document and will supersede the Aerodrome Advisory Circular (AC (AD) No-10) issued on 27 June 2011 on the same subject.



Air Vice Marshal M Mafidur Rahman

BBP, BSP, BUP, ndu, afwc, psc

Chairman

Civil Aviation Authority of Bangladesh

1. Purpose

The purpose of this Guidance Manual (GM) is to describe the mechanism to deal by an Aerodrome Operator with a situation whenever any hazardous non-aeronautical ground lights or a LASER emitter is exhibited at, or in the neighborhood of, an aerodrome, air route or airway facility and the light is likely to endanger the safety of aircraft, whether by reason of glare or by causing confusion with, or preventing clear reception of, the lights or signals.

2. National rule as applicable

Rule 262 of CAR '84 states that,-

(1) Whenever any light is exhibited at, or in the neighborhood of, an aerodrome, air route or airway facility and the light is likely to endanger the safety of aircraft, whether by reason of glare or by causing confusion with, or preventing clear reception of, the lights or signals described in these rules or of air route or airway facilities operated in pursuance of these rules, the Chairman may cause a notice to be served upon the owner of the place where the light is exhibited or upon the person having charge of the light directing the owner or person, within a reasonable time to be specified in the notice, to extinguish or to screen effectually the light in the manner specified in such notice.

(2) If any owner or person on whom a notice under sub-rule (1) is served fails, within the time specified in the notice, to extinguish or screen effectually in the manner mentioned in the notice, the Chairman may authorize an officer with such assistance as he requires, to enter the place where the light is and extinguish or screen the light, and may recover the expenses incurred in so doing from the owner or person on whom the notice has been served.

3. Application

The provisions under this GM shall apply to all aerodromes used for Air Transport operations and open to public use.

All aerodrome operators shall follow the mechanism and take appropriate measures as detailed below to enforce the rule as mentioned above in order to ensure air safety.

4. Action by the Aerodrome Operator

Action on the part of the Aerodrome Operators shall be as follows:-

4.1 Include 'Non-aeronautical ground lights or LASER Emitter near/ around the aerodrome as an inspection item in the 'Electrical Daily IOU Report' form;

4.2 During daily inspection of the aeronautical ground lights, the person inspecting shall also observe

whether there is any non-aeronautical ground light or a LASER emitter near/around the aerodrome, which may endanger the safety of aircraft, and record the findings in the inspection report.

4.3 Whenever any Pilot reports to ATC about such hazardous light(s), ATCO on duty shall make a proper log entry and raise a report to Airport Manager or Station Air Traffic Officer (SATO) or Duty Security Officer as appropriate for onward action;

4.4 On getting such report(s), Aerodrome operator shall take actions to extinguish, screen or otherwise modify the hazardous lights.

To that effect the aerodrome operator will initiate effective and timely liaison with the parties and agencies both internal and external to CAAB to facilitate the implementation of the requirement, for aerodrome operators, to extinguish, screen or otherwise modify the hazardous non-aeronautical ground lights or a LASER emitter near/around the aerodrome, which may endanger the safety of aircraft.

4.5 If required, the aerodrome operator will take help/support of local administration, like the Police Station.

4.6 If authorized by CAAB HQ in writing to raise formal complaint against the owner / operator of the hazardous non-aeronautical light and / or LASER emitter in the local Police Station, the Aerodrome operator shall take immediate action on that, and shall follow up, as required.

4.7 If the Aerodrome operator is unable to solve the problem, report of such hazardous lights shall be forwarded to Chairman CAAB, (Attention: Member (Ops & Planning) within 3 (Three) working days of raising the report.

5. Action by the Ops Division of CAAB

Actions by the Ops Division of CAAB Headquarters shall be as follows:-

5.1 Member (Ops & Planning) through a relevant Officer, engaged with the approval of Chairman, make liaison with the owner / operator of the hazardous non-aeronautical light and / or LASER emitter and try to convince him to extinguish, screen or otherwise modify the light and / or LASER emitter, by explaining the probable fatal consequences of the hazardous lights.

5.2 The authorized Officer will also try to make the owner / operator of the hazardous non-aeronautical light and / or LASER emitter understand that if the proposed corrective actions are not taken, CAAB will take the help of law enforcement agencies, and even of the Court of Justice.

5.3 If the owner / operator does not take appropriate action, the Chairman may cause a notice to be served upon the owner of the place where the light is exhibited or upon the person having charge of the light directing the owner or person, to extinguish or to screen effectually the light within the time and in the manner specified in such notice.

5.4 If any owner or person on whom a notice mentioned above is served fails, within the time specified in the notice, to extinguish or screen effectually in the manner mentioned in the notice, the Chairman may authorize an officer with such assistance as he/she requires, to enter the place where the light is and extinguish or screen the light, and may recover the expenses incurred in so doing ~~from~~ from the owner or person on whom the notice has been served.

5.5 In case all of the above actions fail, Chairman shall ask the Aerodrome operator to take legal action by raising formal complaint in the local Police Station against the owner / operator of the hazardous non- aeronautical light and / or LASER emitter.

6. Aerodrome operator shall keep Director (ASD) (through MFSR) informed of all such violation and action taken in writing as soon as possible.

-----END -----