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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 7256.2-1987

**Lighting fixtures for civil airport - Part 2: Sequence flashing
light and runway threshold identification light**
(English Translation)

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents"

Drafting:

This document is Part 2 of GB/T 7256 "Civil Airport Navigation Aids Lamps": GB/T 7256 has released the following parts:

- Part 1: General requirements;
- Part 2: Sequential flashing lights and runway threshold identification lights;
- Part 3: Precision approach course indicator;
- Part 4: Wind Vane;
- Part 5: Aviation beacons:

Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents:

Introduction

GB/T 7256 "Civil Airport Navigation Aids Lamps" is planned to consist of five parts:

---Part 1: General requirements: It mainly stipulates that tungsten lamps and LEDs are used as light sources in civil airports, and the power supply voltage does not exceed General requirements for 1000V navigation aid lamps: Suitable for providing light guidance signals for aircraft taxiing, takeoff or approach and landing:

Navigation lights: The main products covered are approach lights, runway threshold identification lights, runway threshold wing bar lights, runway threshold lights, and runway end lights:

Lights, touchdown zone lights, runway center line lights, runway edge lights, taxiway center line lights, taxiway edge lights, stop lights, runway warning lights, etc:

---Part 2: Sequential flashing lights and runway threshold identification lights: Mainly stipulates those used in civil airports to provide aircraft with clear Requirements for runway approach directional guidance sequence flashing lights and runway threshold identification lights:

---Part 3: Precision approach course indicator: It mainly stipulates the purpose of use in civil airports to provide pilots preparing to land with Requirements for precision approach path indicators depending on precision approach path indication: The main products covered are precision approach course indicators (PAPI) and Simplified Precision Approach Path Indicator (APAPI):

---Part 4: Wind Vane: Mainly stipulates the requirements for wind vanes used in civil airports:

---Part 5: Aviation beacons: Mainly stipulates the equipment used in civil airports to indicate the location of the airport to aircraft (aircraft):

requirements for aviation beacons: The main products covered include medium-intensity airport beacons, medium-intensity seaplane base beacons, high-intensity beacons Airport beacons, high-intensity seaplane base beacons, low-intensity airport beacons, low-intensity seaplane base beacons, etc:

Civil airport navigation aids Part 2: Sequential flashing lights and runway threshold identification lights

1 Scope

This document specifies the classification and technical requirements for sequence flashers and runway threshold identification lights used in civil airports, and describes the test method:

This document applies to sequential flashing lights and runway threshold identification lights used in civil airports:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations for undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB/T 2423.17 Environmental testing of electrical and electronic products Part 2: Test methods Test Ka: Salt spray GB/T 2423.21 Environmental testing of electrical and electronic products Part 2: Test methods Test M: Low pressure GB/T 2423.24-2022 Environmental testing Part 2: Test method Test S: Simulating solar radiation and solar radiation on the ground Guidelines for radiation testing and weathering testing GB/T 3977-2008 Color Representation Method GB/T 3979 Measurement method of object color GB/T 6113.101 Specification for radio disturbance and immunity measurement equipment and measurement methods Part 1-1: Radio disturbance and immunity Measuring equipment measuring equipment GB/T 6113.102 Specification for radio disturbance and immunity measurement equipment and measurement methods Part 1-2: Radio disturbance and immunity Coupling device for conductive disturbance measurement of degree measuring equipment GB/T 6113.104 Specification for radio disturbance and immunity measurement equipment and measurement methods Part 1-4: Radio disturbance and immunity Disturbance measurement equipment, antennas and test sites for radiated disturbance measurements GB/T 7000.1 Luminaires Part 1: General requirements and tests GB/T 7256.1-2022 Civil airport navigation aids Part 1: General requirements GB/T 17626.5 Electromagnetic compatibility testing and measurement technology surge (impact) immunity test

3 Terms and definitions

The terms and definitions defined in GB/T 7256.1-2022 and the following apply to this document:

Installed in the runway approach lighting system, it flashes unidirectionally or omnidirectionally from far to near in the approach direction in a dynamic rolling mode to provide clear approach heading, a lighting system used to make the runway threshold eye-catching or to reduce the impact of surrounding non-aeronautical ground lights: