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

GB 19079.13-2013

**Operation conditions and technical requirements for
gymnasium and playground-Part 13: Balloon and airship place**

体育场所开放条件与技术要求 第13部分：气球与飞艇场所

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Foreword

All technical content in this Part of GB 19079 is mandatory. GB 19079 "sports venues open conditions and technical requirements" is divided into the following sections.

- Part 1. swimming places;
- Part 2. Karting place;
- Part 3. Bungee place;
- Part 4. rock climbing places;
- Part 5. Skating place;
- Part 6. skiing;
- Part 7. figure skating place;
- Part 8. Shooting place;
- Part 9. Archery place;
- Part 10. Dive sites;
- Part 11. rafting place;
- Part 12. gliding wing place;
- Part 13. Balloon and Airship place;

1 Scope

GB 19079.13-2013 is the Chinese national standard on operation conditions and technical

requirements for gymnasium and playground-part 13: balloon and airship place, in the field of domestic and commercial equipment, entertainment, sport. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 31 December 2013 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 December 2014. Classification: ICS 97.220, CCS Y55. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

GB 19079 of the provisions of this part of manned balloons and airships open spaces should have the basic conditions and the basic technical requirements. This section applies to the public open spaces balloons and airships.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 10001.1 Public information graphical symbols - Part 1. Common symbols

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Balloon baloon No propulsion device, lighter than air balloon to provide buoyancy to support its weight, you can still stay in the aircraft in the air. Including hot air balloon, Helium balloons and mixed balloons.

3.1.1 Hot air balloon hotairballoon Can only be obtained by heating air balloons lift. Balloon should not contain other gases other than air and the combustion products outside.

3.1.2 Helium balloon heliumballoon Not equipped with air heating means, get lift lighter than air balloon by helium.

3.1.3 Mixed Balloon roziereballoon Balloon gas lighter than air and air heating means are used.

3.2 Zeppelin airship There propulsion and maneuvering means to streamline airbag provide buoyancy to support its weight, and lighter-than-air craft. Including hot air airship, Helium airship.

3.2.1 Hot air airship hotairairship Can only be obtained by heating air lift the airship. Balloon

should not contain other gases other than air and the combustion products outside.

3.2.2 Helium airship heliumairship Lighter-than-air helium to obtain at least 80% of the static lift airship.

3.3 Balloon and Airship place balloonandairshipplace Able to meet the people to place manned balloons and airships manned flight training, competition, experience, entertainment, advertising and other activities of the flight.

3.4 Balloon and airship pilot balloonandairshipipilot Operating manned balloons and airships manned flight personnel.

4 Qualifying

4.1 Balloon and Airship pilot shall obtain the Chinese civil aviation authorities issued a driving license corresponding aircraft and annual effective Period.

4.2 Balloon and Airship pilot shall obtain civil aviation authorities issued a medical certificate, and in the period.

4.3 Commercial pilot flying balloons and airships shall acquire Chinese civil aviation authorities issued the corresponding commercial aircraft pilot license. 5 places, facilities and conditions

5.1 Site

5.1.1 shall meet balloons and airships take off and landing site.

5.1.2 takeoff, landing site clearance should meet the conditions, flat, open.

5.1.3 shall have been approved by the air traffic control sector airspace.

5.1.4 balloon and airship mooring point should be solid and reliable.

5.1.5 tethered balloon field length and width should not be less than twice the height of the ball itself, and in the perimeter security cordon set up.

5.2 Manned balloons and airships

5.2.1 balloons and airships shall obtain the Chinese civil aviation authorities issued a certificate of airworthiness and nationality registration certificate or equivalent documents.

5.2.2 balloons and airships should carry out regular inspections in accordance with the airworthiness requirements.

5.2.3 flying balloons and airships should be equipped with communications equipment.

5.2.4 balloons and airships should be equipped with fire-fighting equipment.

5.3 Auxiliary Facilities

- 5.3.1 The recovery vehicle shall be equipped with balloons and airships.
- 5.3.2 store fuel bottles have a dedicated warehouse equipment, fire fighting equipment should be placed in a prominent location.
- 5.3.3 shall be equipped with air-ground communication devices.
- 5.3.4 shall be equipped with wind direction and speed observation device.
- 5.3.5 Public instructions should be consistent with the identification GB/T 10001.1 requirements.

6 Security

- 6.1 should establish and improve public security, safety rescue, equipment maintenance and personnel system service job responsibility system.
- 6.2 should develop contingency plans to deal with sudden change in weather, the flight of special situations and other emergencies.
- 6.3 should "take a balloon and airship flying INSTRUCTIONS" and safety warning labels in a place prominently.
- 6.4 Balloon and Airship use and storage should comply with fire safety regulations.
- 6.5 emergency drugs and equipment should be placed in an obvious location for easy access.