

ICS 47.080
CCS U 18

JT

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

JT/T 1283.2-2019

**Inflatable buoyancy hovercraft--Part 2: Periphery inflatable
hovercraft**

全垫升气囊浮体气垫船 第2部分：围壁气囊气垫船 清晰版

(English Translation)

Issued on: January 1, 1970

Implemented on: October 1, 2019

Issued by: Ministry of Transport

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Foreword

JT/T 1283 "Full cushion airbag floating body hovercraft" is divided into 3 parts.

--- Part 1. Side airbag hovercraft;

--- Part 2. Surrounding airbag hovercraft;

--- Part 3. Hovercraft airbag.

This part is the second part of JT/T 1283-2019.

This section is in accordance with GB/T Draft the rules given in 1-2009.

Please note that some content in this section may involve patents, and the issuing authority of this standard does not assume responsibility for identifying these patents.

This part is proposed and managed by the National Inland Waterway Standardization Technical Committee (SAC/TC 130).

This section was drafted. Shanghai Feilang Hovercraft Co., Ltd., Wuhan Classification Institute of China Classification Society, Shanghai Local Maritime Safety Administration, Shanghai Jiaotong University, China Academy of Aerospace Aerodynamics Technology.

Introduction

The wall airbag hovercraft is a new type of hovercraft with the structural characteristics of a rigid inflatable boat and the amphibious performance of a full-cushion hovercraft.

In order to adapt to the application and development of air-cushioned ships with surrounding airbags, to meet the needs of China's tourism, leisure and entertainment,

business, flood relief and emergency rescue Increasing demand in areas such as this, to ensure the safety of wall-mounted airbag hovercraft, develop this part of the standard.

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Full cushion airbag floating body hovercraft Part 2. Surrounding airbag hovercraft

1 Scope

This part of JT/T 1283 specifies the classification and model, technical requirements, test methods, and marking, transportation and Storage requirements.

This section applies to navigation in calm waters of inland rivers and seas, restricted navigation, and travel on ice, snow, tidal flats, swamps, and beaches.

Design, construction and inspection of a wall airbag hovercraft with a total length of less than 8m. The rigid hull structure is similar while the flexible airbag consists of finger apron Hovercrafts replaced by similar devices can be used as a reference.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 13146 Hovercraft terminology GB/T 13306 plate GB/T 18815 View of the steering area of motorized dinghy GB/T 19310 Small boats permanently installed fuel systems and fixed fuel tanks GB/T 19311 Ultra-low voltage DC device for electrical system of dinghy GB/T 19312 Ventilation of petrol engine and/or petrol tank compartment of dinghy GB/T 19314. 1 Dimensions of hull structures and components for dinghies. Part 1. Materials. thermosetting resins, glass fiber reinforced plastics, Reference laminate JT/T 1283. 1-2019 Full-height airbag floating body hovercraft Part 1. Side airbag hovercraft JT/T 1283. 3-2019 Full-height airbag floating body hovercraft Part 3. Hovercraft airbag GJB 77 (all parts) PVC insulated nylon sheathed wire and cable for aviation Technical Regulations for the Survey of Coastal Small Ships of the Maritime Safety Administration of the People's Republic of China CCS Materials and Welding Code ISO 6185-3 Inflatable boats-Part 3. Boats with a total length of less than 8m and engines with a rated power of 15kW and above (Inflatable Boots-Pat 3. Boots Witness a hul llen thh 8m whit a mottor rating of 15kW (under the ground) ISO 12225-3 Dimensions of hull structures and structures for small craft Part 3. Materials. steel, aluminum alloy, wood, other materials (Small crt-Hull co-contracting and scanning-parts 3. Materials. Steel, aluminum alloys, word, office information ISO 12215-5 Small and small hull structure and component dimensions-Part 5. Design pressure, design stress and component dimensions for monohulls (Small craft-Hullll concentrating and scanning 5-Part 5. Dissipation presence, forsors, deductions, staging, etc.

scantlings determinatin ISO 12217-1 Assessment and classification of stability and buoyancy of dinghies. Part 1. Non-sail boats with a hull length of at least 6m (Small craft-Satellitly and buoyancy assent and card greener than or ezual too 6m) JT/T 1283. 2-2019

3 Terms and definitions

The following terms and definitions established in GB/T 13146, GB/T 19116, ISO 6185-3 and ISO 12217-1 apply to this document. in order to Easy to use, some of the terms and phrases in GB/T 13146, GB/T 19116, ISO 6185-3 and ISO 12217-1 are repeatedly listed below.

definition.

Peripheral airbag hovercraft perry inflated hovercraft the periphery has a flexible airbag structure. The entire mass of the hull is supported by the rigid structure and the buoyancy of the flexible airbag when it is stationary, and it is supported by an air cushion when sailing Support, using air propeller, hovercraft with amphibious performance.

Rigid inflatable boat inflatable boat the buoyancy structure consists of two basic parts. the rigid structure of the substructure to form the desired shape, and the inflatable or foam-filled shape Type non-rigid buoyancy tube, the volume of the buoyancy tube is not less than 50% of the total buoyancy volume of the boat.

Note: Excludes buoyancy tubes made of rigid aluminum, rotomolded polyethylene, GRP, or other rigid materials.

[ISO 6185-3.:2014, definition 3. 2] 3. 3 Propeller fan linkage system prograded on and symmetric One engine can drive the fan and propeller at the same time.

[GB/T 13146-1991, definition 2. 172] 3. 4 Combined propeller fan system fan fan heater system There is no air-lift fan, and the air-cushion system is generated by air propelling the propeller.

3. Five

Peripheral airbag perry inflated tube A buoyancy airbag is enclosed around the wall airbag hovercraft.

Finger apron

An apron consisting entirely of apron fingers.

[GB/T 13146-1991, definition 2. 59] 3. 7 Total length lens official Loa the horizontal distance from the ship's most forward to the most aft hull structure. This length includes flexible airbags, excluding both ends of the bow does not affect the boat Removable parts of the ship's structural integrity, such as movable projections such as rubber fenders and fenders.

Total width Breathovalll Boa at the widest point of the ship, the horizontal distance from the hull structure of one outboard to the other hull structure. This length includes flexible airbags, excluding Removable parts that affect the structural integrity of the ship, such as movable protrusions such as rubber fenders and fenders.

Mould deep depth

DWL/2

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At the midpoint of the airbag waterline length Lwl, from the lowest point on the bottom of the airbag, include the wear strip (if applicable) to the top of the side panel (open boat) or Vertical distance of the upper edge of the side deck (deck boat).

3. 10

Inboard length lenthth Li the maximum distance measured between the foremost and the last section in the longitudinal direction of the hull cabin area.

3. 11

Buoyancy around airbag hovercraft buoyancy of a perry inflated hovercraft Computational buoyancy consisting of permanently fixed buoyancy, inflatable buoyancy, and rigid hull buoyancy.

3. 12

Permanent fixed buoyancy permanent buoyancy Buoyancy provided by a rigid, hull and cockpit with a lower density than fresh water in the middle without mesh foam or other materials.

[ISO 6185-3.:2014, definition 3. 7] 3. 13 Inflatable buoyancy Buoyancy provided by an airtight compartment sealed with compressed air.

3. 14

Rigid hull buoyancy Buoyancy provided by the drainage volume of the watertight portion of a rigid hull.

3. 15

Min. Operating state minimizing conion Boats in the state of empty boat plus the following.

- a) Located at the highest control station on the centerline of the boat, the mass of one occupant, 75 kg;
- b) Non-consumables and equipment normally carried on board are not included in the manufacturer's standard equipment list.

Note: The weight symbol of the boat in the minimum operating state is expressed in mMO, and the