



Standard Specification for Pilot Platform¹

This standard is issued under the fixed designation F985; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers design and construction details for pilot platforms.

1.2 The values stated in SI units are to be regarded as standard. No other units of measurement are included in this standard.

1.3 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents

2.1 *ASTM Standards:*²

B221 Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes

¹ This specification is under the jurisdiction of ASTM Committee F25 on Ships and Marine Technology and is the direct responsibility of Subcommittee F25.03 on Outfitting and Deck Machinery.

Current edition approved July 1, 2023. Published July 2023. Originally approved in 1986. Last previous edition approved in 2018 as F985 – 18. DOI: 10.1520/F0985-18R23.

² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

3. Ordering Information

3.1 Pilot platforms shall be ordered by this ASTM designation and year of issue.

3.2 Paint finish (if other than standard).

4. Materials and Methods

4.1 Platforms shall be welded-aluminum construction in accordance with Specification **B221**, Alloy 5086.

4.2 Decking shall be serrated-aluminum grating.

4.3 Canopy shall be of vinyl-nylon construction with sewn seams and metallic grommets.

4.4 Canopy tie-downs shall be 4 mm nylon line.

4.5 Paint finish, if required, shall be in accordance with customer specifications.

5. Dimensions, Weight, and Permissible Variations

5.1 Dimensions as indicated in **Figs. 1-7**.

5.2 The approximate unit weight is 1250 N.

5.3 The construction tolerance is 4 mm, except bolt hole location 1 mm.

6. Workmanship, Finish, and Appearance

6.1 Shelters shall be free of weld splatter, sharp edges, and burrs injurious to personnel.

7. Keywords

7.1 pilot platform

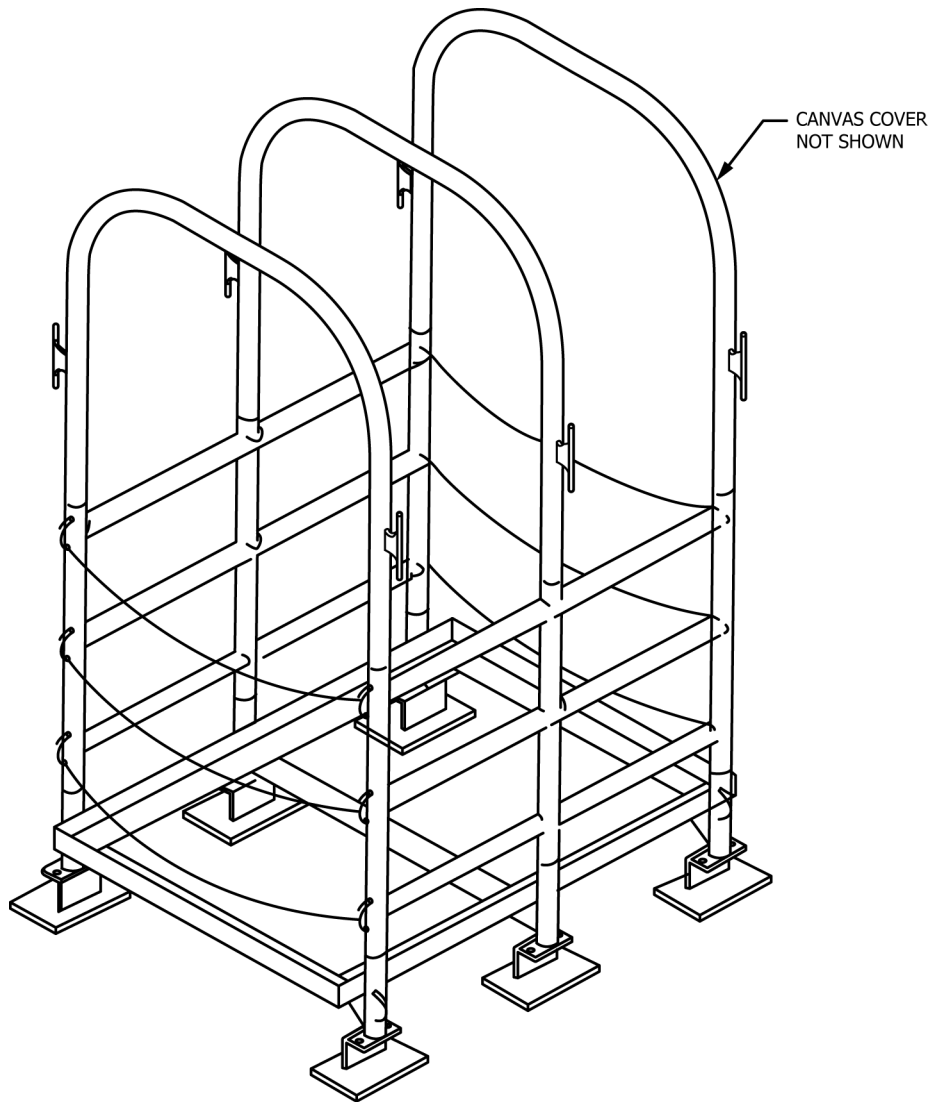


FIG. 1 Pilot Platform