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Aircraft — Ground-service connections — Potable water, toilet-flush water and toilet drain

*Aéronefs — Raccords de service au sol — Eau potable, rinçage et
vidange des toilettes*



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Foreword

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ISO 17775 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 10, *Aerospace fluid systems and components*.

ISO 17775 revises ISO/R 47:1957 and ISO 450:1976, cancelled in 1983 and 1998, respectively:

- ISO/R 47:1957, *Aircraft toilet flushing and drawing connections*
- ISO 450:1976, *Aircraft — Connection for water of drinkable quality*

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Introduction

The ground-service interfaces and the mating ground connectors used on most commercial aircraft, as well as on some military and private aircraft, are generally considered interchangeable since the designs used are all based on the same original design. This was originally provided by the Roylyn Company in the 1950s and then later used as the basis for other suppliers without the detail dimensions. As a result, there are minor variations in some current products that may have some adverse effects on their performance when mated with parts made by others. This International Standard provides the necessary detail dimensions to ensure that all interface dimensions will be compatible, especially as new suppliers enter the market around the world.