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Author: Mr. Taichi Yamazaki
ASTRAX, Inc., Japan

Ms. Taiko Kawakami
ASTRAX, Inc., Japan

PRODUCTION OF SPACE SUITS AND REPLICAS FOR SPACE TRAVEL

Abstract

As of 2022, what space travelers will wear when they go into space depends on the design and decisions of the spacecraft development companies. Since we are in a transitional period, many spacecraft will be wearing tuna-type space suits for a while. The space suits are also evolving and becoming simpler and simpler. That's fine for a while, but in the future, customers will want to go into space dressed freely, just like when they board an airplane or a ship. This paper redefines what space travelers wear when they go to space by dividing them into four categories: conventional flight suits, recent flight suits, future flight suits, and free attire, including the findings from making replicas of space suits, and discusses the results of our study on the merits and demerits of each category.