

Preface

“A Test Facility, if you’ve seen one of them, you’ve seen all of them”; that was the comment of a colleague showing a picture in his presentation about the utilisation of hydrogen. This book will invite the reader to see not only the trivial pipeline on the test facility, but rather to discover that here all efforts are merging to operate a propulsion system of ultimate performance. The development and studies of many branches of science, constructions and prototypes of various high tech companies have to prove their quality here. A prototype of some gigawatts is handed over to the test engineer with a value of umpteen millions of Euros and the focus of the whole space program is on the result of his work. The test cell of the facility is the meeting point of specialists in the most exciting phase of the development of a rocket engine.

Some authors having devoted a chapter of their books to the test facility, this book sets the focus on the operational aspects of the rocket engine in the test facility. This book will be useful to engineers and scientists who are concerned with the test facility, to aerospace students it will provide an insight to the job on the test facility and to interested readers it will provide an impression of this thrilling area of aerospace.

The comments in this book reflect the experience of 2 decades of test periods on one of the two largest test facilities for cryogenic rocket engines in Europe.

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Operation of a Cryogenic Rocket Engine
An Outline with Down-to-Earth and Up-to-Space
Remarks

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