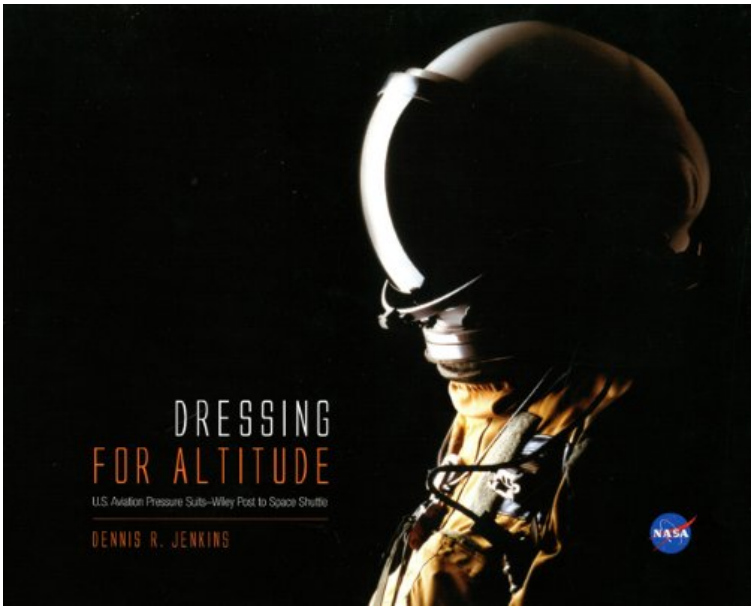

(Read download) Dressing for Altitude: U.S. Aviation Pressure Suits, Wiley Post to Space Shuttle

Dressing for Altitude: U.S. Aviation Pressure Suits, Wiley Post to Space Shuttle

Dennis R. Jenkins : Dressing for Altitude: U.S. Aviation Pressure Suits, Wiley Post to Space Shuttle before purchasing it in order to gage whether or not it would be worth my time, and all praised Dressing for Altitude: U.S. Aviation Pressure Suits, Wiley Post to Space Shuttle:

0 of 1 people found the following review helpful. This book is amazing. easily the most comprehensive writing on space\pressure suitsBy CustomerThis book is amazing. easily the most comprehensive writing on space\pressure suits. Somehow I was able to buy book for less than $10. was sold as used but was clearly brand new. was delivered days before estimated delivery time. as of this reviews writing, checked on price of new book, was over 2200 dollars(amazing!) book was huge, 3" thick and quite heavy. the amount of detail in this book is staggering, but yet it is missing a lot. I bought book to get more info on the Gemini spacesuits, specifically the G5C softsuit of Gemini 7..nothing at all. still I'm amazed at all the information within. heck, the insight on Joe Kittingers Record altitude jump is good reading by it's self. and the list of eye-opening details and facts goes on and on. this doesn't cover NASA spacesuits in depth, more of the Navy's and Air Forces lead-up to NASA spacesuits, but it does cover them and more. Great read, and unless you get a deal..a big investment type of book.0 of 0 people found the following review helpful. Jenkins Nails it AGAIN!By The Florida ReviewerWhen it comes to aerospace program, you'd be hard pressed to find someone who has researched his subject at hand better than Dennis Jenkins.This makes a coffee table style book look small. A very large tome, it is chock full of stat's an info on aviation pressure suits. I thought I knew a fair bit about this subject, certainly no expert. Suffice it to say I found out I knew very little.For any aerospace enthusiast, researcher or historian, this is a must have to your collection.1 of 1 people found the following review helpful. Available from NASABy Anthony SpringerNew copies are available from the NASA HQ information center at a much lower cost. Only a hard cover in dust jacket version of the book is for sale.

The definitive story of pressure suits began long ago and has involved a great many people to obtain the present state of the art as this book well chronicles. Many of these people were visionaries who anticipated the need for such highly specialized equipment long before it could actually be employed in any practical application. A remarkable number of pressure suit designs were developed early on, the vast majority of which never made it into flight, amounting to little more than science projects. Nonetheless, these early experiments informed later work, which led to practical pressure suits when they were needed for high altitude flight. All successful pressure suit designs have been the result of efforts to address a specific need in a specific application, beginning with Wiley Posts pressure suit designed for use in his Lockheed Vega, the Winnie Mae. Long considered the granddaddy of modern pressure suits, interestingly, Posts suit was employed principally for protection from hypoxia rather than decompression sickness, since his Lockheed Vegas altitude ceiling was 50,000 feet. The first operational full-pressure suit employed (in the D-558-2 Douglas Sky-Rocket) for flight above 50,000 feet was also the result of a collaboration between suit designers and pilot (Scott Crossfield). This close collaboration continued on for the development of the landmark full pressure suit for the X-15 program. The X-15 suit first employed link-net material, originally conceived for the neck section of early U-2 pilotHelmets to aid pressurized mobility, for the entire restraint layer of the suit. This unique material greatly facilitated custom suit fitting and enhanced pilot comfort and remains in use to the present. Thus, the X-15 suit is really the granddaddy of modern-day pressure suits as it led directly to the standardized military full-pressure suits that followed and continue in service to the present. Further, the X-15s high performance required that the pressure suit be capable of withstanding exposure to extreme altitudes, temperatures, and high-Q ejections, thus setting the stage to satisfy similar requirements for later programs, namely the A-12, SR-71, XB-70. and Space Shuttle.

from Goodreads:Steve rated it with 4 stars and had this to say, "Interesting history of the early days of aerospace pressure suits. Many excellent photos."