

## General Information

-----

This CD contains two Crew Escape Systems lessons developed at the NASA Johnson Space Center by the Mission Operations Directorate's Simulator Operations and Technology Division. These multimedia Computer Based Training (CBT) lessons were developed to provide ground-based and in-flight training on the Space Shuttle Crew Escape Systems. The lessons are interactive and use video clips, audio and animation to teach as well as keep the students' interest. In addition to the two lessons on Crew Escape Systems, the CD-ROM contains seven non-multimedia "Bonus" lessons on selected Shuttle systems. All of these lessons were developed using Macromedia Authorware. The lessons will be used for in-flight training on-board the Shuttle and Russian Mir Space Station.

The Crew Worn Equipment lesson covers the Launch and Entry Suit and the survival gear used by Astronauts in emergency egress and bailout situations.

The Emergency Egress and Escape Procedures lesson covers Launch Pad Egress (including SSME shutdown), Post Landing Egress and Bailout.

The seven "Bonus" lessons included on this CD-ROM are used by astronauts during their Shuttle training. The lessons are:

- Electrical Power System (EPS) Malfunctions
- Environmental Control and Life Support System (ECLSS) Malfunctions
- Communications Specs and Displays
- Electronic Documentation Project (EDP)
- Orbiter Docking System (ODS)
- Guidance Navigation and Control (GNC) Displays
- Reaction Control Systems (RCS) Redundancy Management (RM)

These "Bonus" lessons were produced with support from Rockwell Space Operations Company, Training Development Group, (713)-283-0361.

## Minimum System Requirements

-----

486/33 PC with 8 MB RAM, 2x CD-ROM drive, 16-bit sound card, VGA (256 colors), Windows 3.1 or later, Apple QuickTime 2.0.

As a convenience, the installer for Apple QuickTime 2.01, located in the \QUICKTIM subdirectory, and the TCYRIL font have been included on this CD-ROM. The LaunchPad program (RUN\_CBT.EXE) will automatically check your computer to see if QuickTime(tm) is installed. If not, it will give you an opportunity to launch the install program. This is the same install program that you can download from Apple's FTP server.

#### Warnings and Disclaimers

-----

This software was developed for NASA Astronaut training purposes. It has only been tested on the targeted Government delivery platforms. Operation on any other platform is not guaranteed (although it should work provided your system meets or exceeds the minimum system requirements identified above.)

You expressly acknowledge and agree that use of this software is at your sole risk. You agree that the developers, manufactures and distributors of this product are not responsible for any damage or loss that might occur by using this software. The Software and related documentation are provided "AS IS" and without warranty of any kind. If you do not agree with these statements, do not use this software.