

## **Tapescript EFS 2.3**

Announcer: You are going to hear two diagrams described to you. These diagrams can be found in your notes. As you listen to the description, annotate the diagrams in the appropriate places.

Voice 1: You have in front of you a diagram of a Fluid Cushion Transport Vehicle.

The Fluid Cushion Transport Vehicle or FCTV for short is a workhorse transport device for use in very wet areas or areas where the surface is very changeable. There are several features of the FCTV which make it exceptional. I want to concentrate on eight of those features now.

The first of these features is the modular propulsion unit. This is an interchangeable unit which can be removed and replaced within half an hour. It is situated at the front of the vehicle. The modular design of the whole vehicle makes it extremely adaptable. So just below the modular propulsion unit is the highly durable skirt or HDS. It is similar to the traditional skirt that is utilised by hovercraft, but it is much more durable and has an expected life of up to ten years. The third feature is the polymer-toughened visi-shield. This provides ultra clear visibility and with the new polymer bonded toughened glass the shield is virtually unbreakable. Number four is the side-access port. This is sealable which means that the vehicle can be used in environmentally dangerous areas. In fact the whole vehicle can be sealed off from the outside environment allowing complete protection of passengers and internally stored cargo.

On top of the vehicle are two features. The first I want to mention is the telescopic fuel intake system. This allows the vehicle to be refuelled on the move from a helicopter or low, slow flying plane. The second feature on the top of the vehicle is the communication's cluster. This allows for satellite links from anywhere on the surface.

At the rear of the vehicle is the load pad access ramp. This facilitates loading of heavy cargo and self-powered cargo. Finally there is the universal coupling which joins the load pad to the vehicle. There are four different load pad modules all easily coupled and uncoupled using the universal.

So there you have the Fluid Cushion Transport Vehicle.

Voice 2: I am going to describe the new generation of integrated communications terminals to you. This particular one is a Scientific

Integrated Terminal or SIT. There are a number of features that you will need to know about. The SIT is a fully integrated modular design machine. The modular technology used in SIT is exactly the same as that used in the new generation of shuttle craft. The first feature that will look familiar, but is in fact quite revolutionary, is the full fuzzy keyboard. This keyboard has been ergonomically designed and is adaptable to your hand span. Below the full fuzzy is the central nervous system of the SIT, the CNS. This contains quadruple processors with dual backup systems. This allows for partial shut down of the central nervous system without loss of function. This unit contains four key slots which allow for easy upgrades and use of peripherals. At the front of the CNS are two slots for portable storage disks. The one on the left is an optical storage disk drive. The one on the right is an ordinary 2.88 megabyte floppy drive. On the side of the CNS are two more slots, the lower one being a fluid-drive CD ROM drive and the upper one a plug-in slot for voice activated peripherals.

Between the CNS and the screen is the Coms Neck. The Coms Neck is hinged in three places which allows for easy packing of the SIT. The screen itself is a touch-sensitive, fully interactive monitor. The surrounding of the screen is also touch-sensitive for all the controls such as brightness, contrast and so on.

On either side of the screen is an import/export module. Each of these modules has two ports, the upper port on each side being the import, the lower being the export.

The SIT is fully portable and weighs only 3.1kg with the 8-hour battery onboard.