



The spaceship is equipped with an Environmental Control Robot. The mechanical man will make the final analysis of the new planet's ability to support life. The robot features a plastic bubble "head", accordion pleated arms, claw hands and a body of aluminum, rubber and plastic. Other features include radar-antennae "ears" and 28-computer systems. A small power-pak in the robot's side provides enough energy to last a week.

In addition to its environmental control functions it is capable of responding to voice orders, lifting up to 50,000 pounds and playing chess.

The robot has 40 moving parts. Most move to variable speeds and degrees. The following is a list of the robot's moving parts:

B-9	Robot	D-1	Voice activated light (sound sync)
		A-2	Head up
		A-3	Visual scanner turn
		A-5	Right arm forward
		A-6	Right arm out
		A-7	Right arm swing
		A-8	Right elbow
		A-9	Left arm forward
		A-10	Left arm out
		A-11	Left arm swing
		A-12	Left elbow
		A-13	Right wrist in and out
		A-14	Right wrist forward and back
		A-15	Right wrist twist
		A-16	Left wrist in and out
		A-17	Left wrist forward and back
		A-18	Left wrist twist