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14. ABSTRACT
The environmentally controlled and pressurized crew compartment and the electronic equipment bay are also conventional structure with sheet metal skins supported by sheet metal frames made of titanium. The longerons in the crew section are machined from titanium extrusions. However, where the horizontal actuators attach to the lower shoulder longeron, stiffness requirements dictate the use of H-ll longerons. Likewise, in order to produce maximum vertical bending stiffness for the forward fuselage, the longerons in the electronic equipment bay are machined from H-11 bar stock. The large bow frame in the crew compartment that supports the windshield and crew windows is fabricated from 6Al-4V titanium bar.

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