LIST OF FIGURES (Continued)

		Page
Figure 17.	Comparison of Multi-Ring Container With Ring-Segment Container for Various Segment Wall Ratios	52
Figure 18.	Effect of Elastic Modulus of Segments on Pressure-to-Strength Ratio, p/σ_1 , for the Ring-Segment Container	54
Figure 19.	Effect of Liner Size on Pressure- to-Strength Ratio, p/σ , for Ring-Segment Container	55
Figure 20.	Effect of Segment Size on the Pressure- to-Strength Ratio, p/ σ_1 , for the Ring-Fluid-Segment Container	57
Figure 21.	Effect of Segment Size on the Pressure- to-Strength Ratio, p/σ_3 , for the Ring-Fluid-Segment Container	58
Figure 22.	Effect of Segment Size on the Pressure- to-Strength Ratio p/ σ_1 , for the Ring-Fluid-Segment Container	59
Figure 23.	Effect of Segment Size on the Pressure-to-Strength Ratio, p/o3, for the Ring-Fluid-Segment Container	60
Figure 24.	Effect of Support Pressure p ₃ on Bore Pressure Capability for the Ring-Fluid-Segment Container	61
Figure 25.	Maximum Pressure-to-Strength Ratio, p/σ_1 , for the Pin-Segment Container	64
Figure 26.	Ratio of Interface Pressure Between Segments and Liner to Bore Pressure for the Pin-Segment Container	65
Figure 27.	Controlled Fluid-Fill Cylindrical-Layered Container	66
Figure 28.	Suggested Fluid-Support Multi-Ring Container for High Pressure	76
Figure 29.	Geometry of Ring Segment	81
Figure 30.	Bending Deformation of Ring Segments	85
Figure 31.	Geometry of Pin Segment	86
Figure 32.	Loading of Pin Segment	86
Figure 33.	Loading of Pins	87