500-100-V5 TECHNICAL SPECIFICATIONS:

MOUNTING INFORMATION
- DECK PLATE MOUNTING DIMENSIONS:
  - DECK PLATE TO VESSEL: EIGHT 3/8" DIA BOLTS ON 11" DIA BOLT CIRCLE
  - DECK PLATE TO PEDESTAL: EIGHT 5/16-18 FLAT, SOCKET HEAD BOLTS ON 11" BOLT CIRCLE

SHOCK MITIGATION SYSTEM
- STROKE: 4"
- NITROGEN DIAPHRAGM ALUMINUM COIL-OVER SHOCK ABSORBER
- 16" ANODIZED CAST ALUMINUM TREADED THRUST ARM SPRING
- 16-POSITION REBOUND DAMPING ADJUSTMENT

RATED LOADING
- PASSENGER WEIGHT: 250 LB
- MAXIMUM G-FORCE SHOCK LOAD*: 7 G
- (*VERTICAL SHOCK, DURATION APPROX 1.5 S. W/ 250 LB PASSENGER)

[Diagram of a high-back chair with technical specifications and dimensions]