The recumbent body position will isolate the crewmember from gravity and deceleration induced vascular pooling away from the brain. The head shall be oriented aft. The occupant Z-axis should be parallel to the middeck floor angled no greater than 6° from the Orbiter X-axis as shown. Leg position may be bent or straight. Recumbent seating shall limit body +Gz forces to less than 0.5 G.