

Appendix G

Public Bobsleigh Seating Analysis and Documentation



Figure 1 - A public passenger experience bobsleigh from the Whistler Sliding Center



Figure 2 - Front view of the public passenger bobsleigh. Note the higher sides at the rear of the bobsleigh.



Figure 3 - A second bobsleigh used by the WSC in the public passenger bobsleigh experience.



Figure 4 - Internal components including pilot's seat, foot pegs and hand cables for the public passenger bobsleigh.



Figure 5 Overhead view of the pilots seat area and seats 2 and 3 (padding removed). Note the reclined angle of the backrest for the pilot's seat.



Figure 6 - Close up view of the cable handholds for the passengers.



Figure 7 - Cable thimble at the end of the handhold that requires the passenger in seat 4 to reach further forward for a comfortable grip



Figure 8 - Overview of seats 2, 3 and 4



Figure 9 - View of Pilot's controls from passenger seat 2. Note the foot rest position on the bobsleigh frame.



Figure 10 - Overhead view of a passenger seated in in seat 2. Note the body is partially reclined and the head is well behind the pelvis. Arm position can vary depending on where the cable is gripped.



Figure 11 - Side view of the passenger. Note the reclined position.



Figure 12 - Side view of the passenger in seat 3. Note the reclined position is very similar to that of seat 2.



Figure 13 - Overhead view of a passenger in seat 3. Position is similar to seat 2.



Figure 14 - Side view of a passenger in seat 4. Note the arms back is upright with the head over the pelvis. Arms have to be extended all the way forward to grip the handhold cable which ends at the rear of seat 3.



Figure 15 - Front view of the passenger in seat 4 showing arm and foot position.



Figure 16 - Foot position on the foot peg is altered resulting in the knees interfering with the ability to reach the handholds.



Figure 17 - Handhold grip location for seat 4