**Movie 1.** Example of a *deep seal* water entry event ($h/D = 0.04$, $We\_D = 151$).

**Movie 2.** Example of low $We\_D$ *above-surface seal* event ($h/D = 0.16$, $We\_D = 1016$) from two different camera views.

**Movie 3.** Example of high $We\_D$ *above-surface seal* event ($h/D$ = 0.16, $We\_D$ = 2808).

**Movie 4.** Example of a *below-surface seal* event ($h/D = 0.32$, $We = 2852$).

**Movie 5.** Example of a *closed torus* event ($h/D = 0.63$, $We = 5806$).

**Movie 6.** A below-surface camera view reveals the cup gas behavior that is typical of low $We\_D$ impacts ($h/D = 0.12$, $We\_D = 562$).

**Movie 7.** A below-surface camera view reveals the cup gas behavior that is typical of high $We\_D$ impacts.

**Movie 8.** Disk impact with $\alpha = 0.145^{\circ}$ and $We\_D \approx 900$.

**Movie 9.** Disk impact with $\alpha = 0. 44^{\circ}$ and $We\_D \approx 900$.