

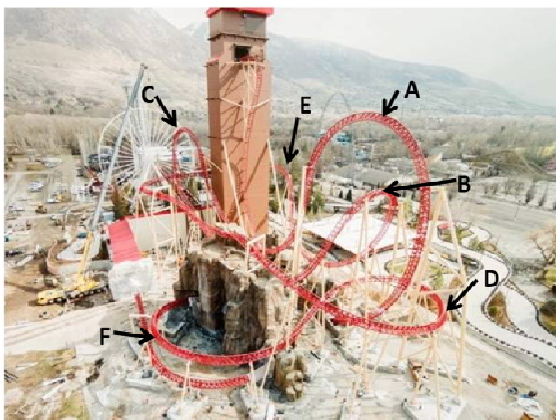
## GOING TO NEW HEIGHTS

There are many more things we can measure and calculate with respect to this new ride, Cannibal. Using the things you learned and calculated on the previous pages, complete this worksheet to learn more about Cannibal.

### Questions

1. Fill out the table using the same technique from page 6. You may have to move to new locations and recalculate d.

Location on Cannibal	d (m)	$\theta$ (deg)	h (m)	PE (J/kg)
A				
B				
C				
D				
E				
F				



2. If all of the potential energy of cars and riders at the top of Cannibal was converted into kinetic energy, what would the riders' velocity at the bottom of the tower be?