

Trajectory 1: From 1st cam, to sideways  
 Trajectory 2: From 1st cam, towards the sphere of points  
 Trajectory 3: From last pose of trajectory 1, towards the sphere of points, parallel to trajectory 2  
 Trajectory 4: From 1st cam, describing circle (while facing the sphere of points) until intersecting with trajectory 3  
 Trajectory 5: From last pose of trajectory 4, describing circle (while facing the sphere of points) until 90 degrees

