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Stephen C. Preston and **Alejandro Sarria*** (alejandro.sarria@colorado.edu). *Remarks on a local-in-space formulation of axisymmetric ideal fluids.* Preliminary report.

We consider the 3d incompressible axisymmetric Euler equations at the point $(r, z) = (1, 0)$, which in this case represents the intersection between the solid boundary of a cylinder with z -axis as axis of symmetry and its base. A system of odes (in the time variable) involving Lagrangian trajectories and pressure-Hessian related terms is studied, and preliminary results on the pressure are discussed. (Received September 21, 2014)