

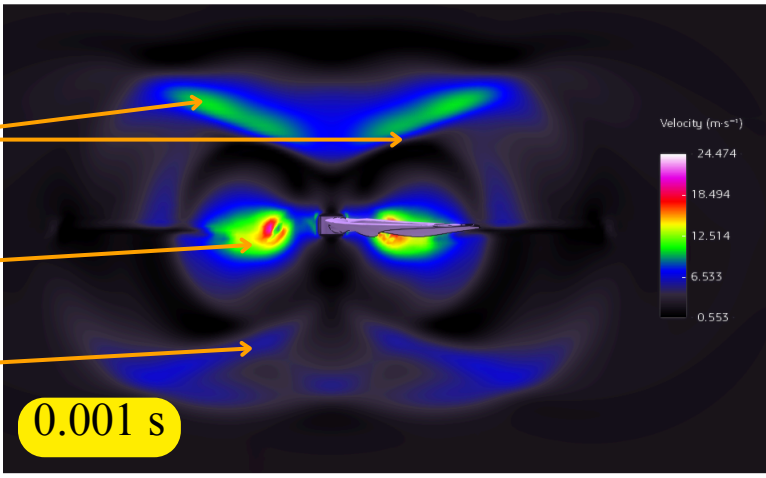
Toroidal Propeller - 17.5° - 2 m/s

Symmetrical flow pattern

Minimal vortex

Downwash effects

0.001 s

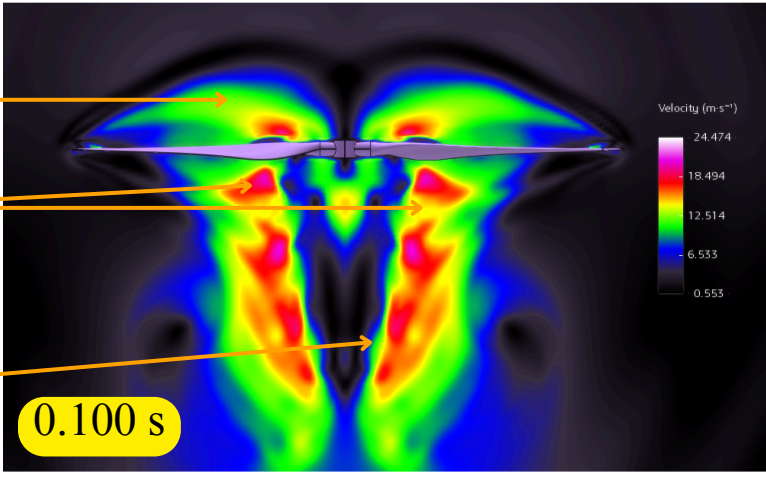


Symmetrical airflow

Starting to impart momentum/foppl vortices

Symmetrical shear layer formation

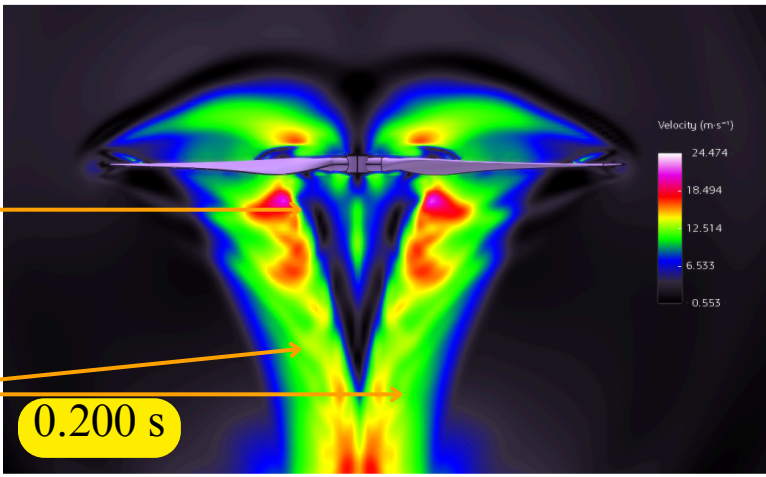
0.100 s



Symmetrical vortex structure

Well-defined wake structure

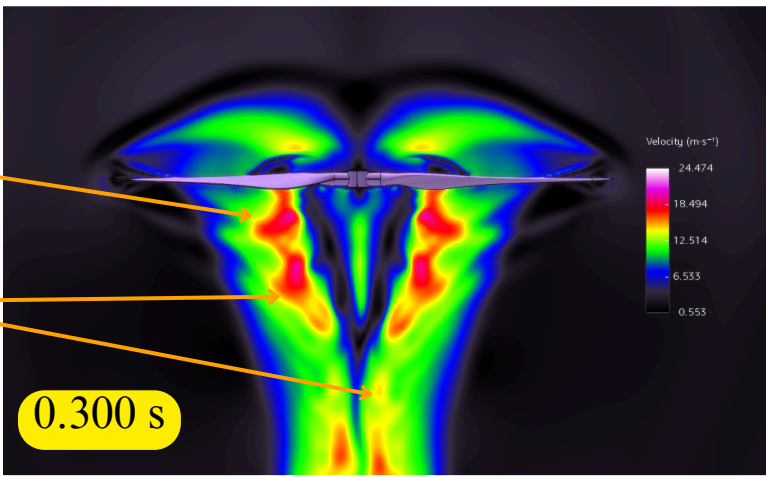
0.200 s



Distorted foppl vortices

Turbulence development starts

0.300 s



Tip vortices

Turbulent flow

Shear layer formation

0.400 s

