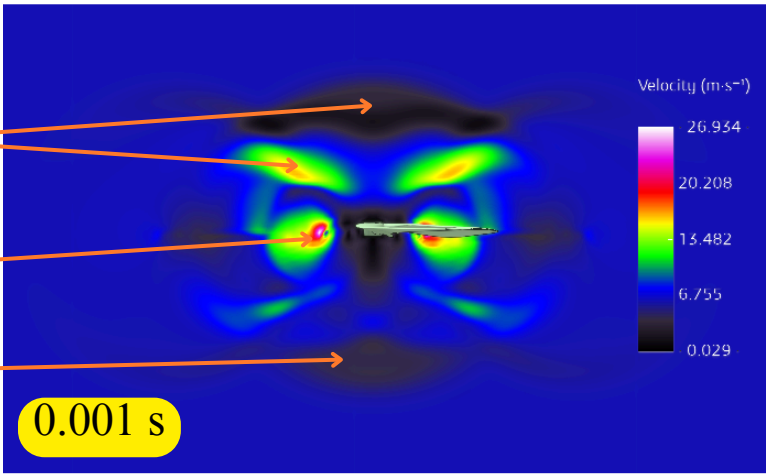


Toroidal Propeller - 27.5° - 6 m/s

Symmetrical flow pattern

High-velocity region

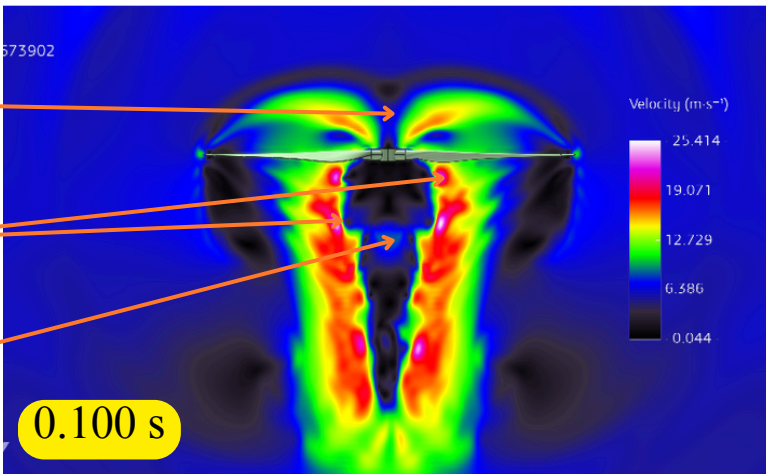
Downwash effects



Stable airflow at the top

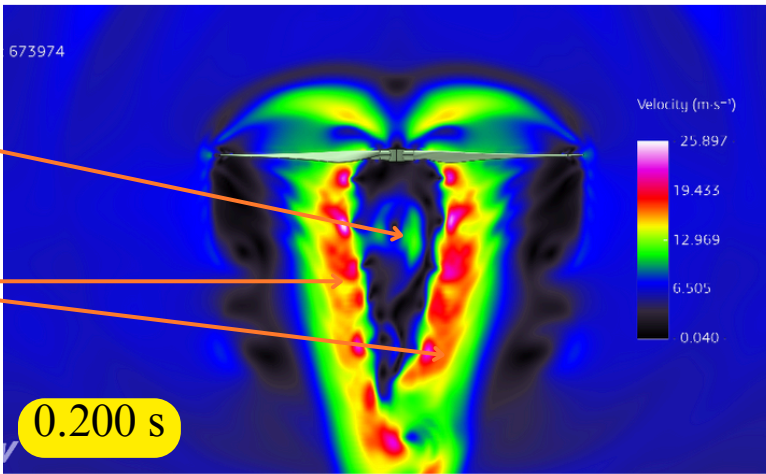
Starting to impart momentum (High)/foppl vortices

Wake zone (Low)



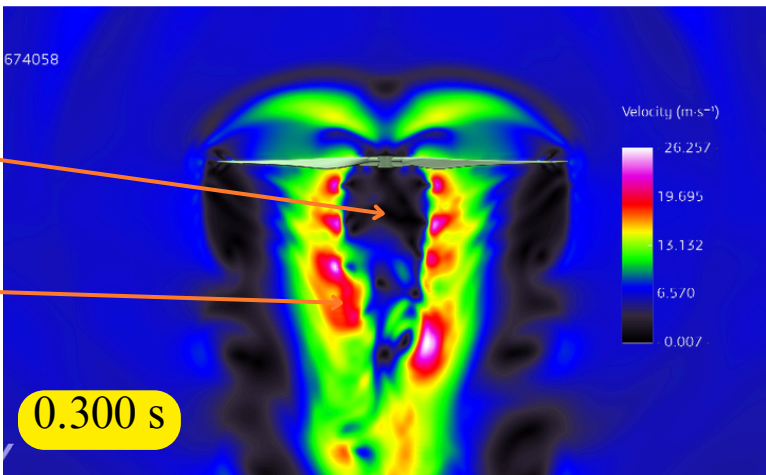
Vortex became bigger

Momentum transfer became longer but breaks



Wake turbulence is high, no vortex formed

Slightly decrease of momentum transfer



Stable thrust region at the tips

Break of the vortex and shear layer formed

