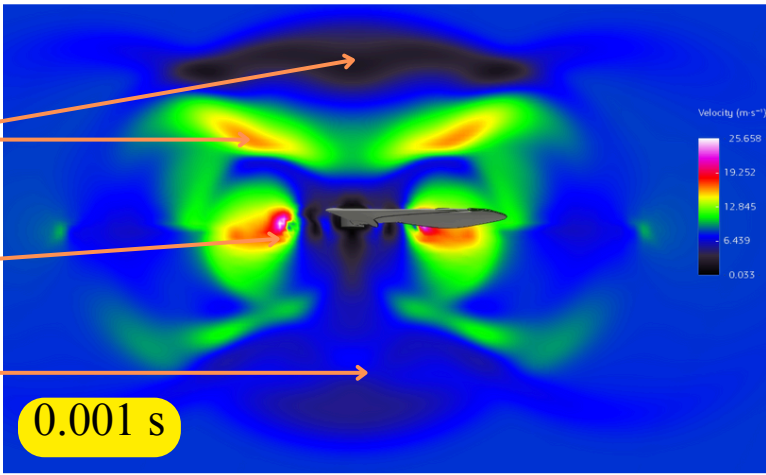


# Toroidal Propeller - 25° - 8 m/s

Symmetrical flow pattern

High-velocity region

Downwash effects

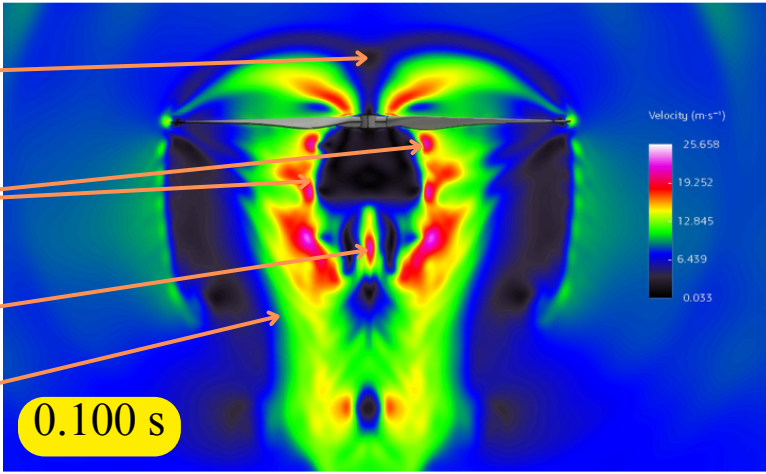


Stable airflow at the top

Starting to impart momentum/foppl vortices

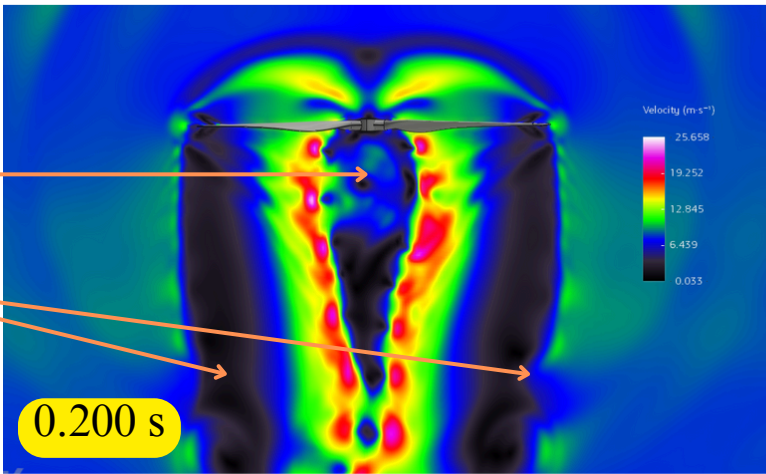
Flow instability developing

Defined separation region



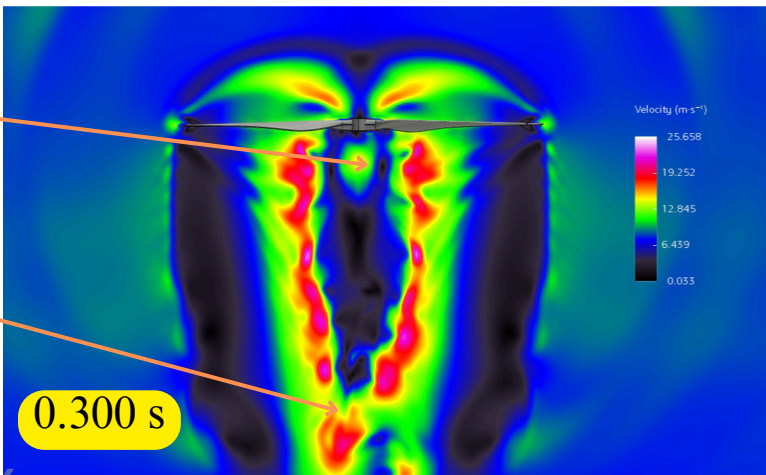
High vortex is not present (circular)

Wake extending downstream



Developed foppl vortices

First break of foppl vortice



Sustained thrust output at the tips

Hydrodynamic boubdary layer

Vortex shedding and shear layer formation

