

Description of Additional Supplementary Files

File name: Supplementary Video 1

Description: Overview of the capabilities of ATMO.

File name: Supplementary Video 2

Description: Dynamic wheel landing I.

File name: Supplementary Video 3

Description: Driving take-off and dynamic wheel landing.

File name: Supplementary Video 4

Description: Take-off and dynamic wheel landing without tether.

File name: Supplementary Video 5

Description: Landing on slope.

File name: Supplementary Video 6

Description: Dynamic wheel landing with forward velocity.

File name: Supplementary Video 7

Description: Smoke Visualization I.

File name: Supplementary Video 8

Description: Smoke Visualization II.

File name: Supplementary Video 9

Description: Tilt actuator mechanism animation.

File name: Supplementary Video 10

Description: MPC controller compared to cascaded PID control.