

2016-07: **High Lift / Long Endurance Airframe**

This call is for innovative technologies that allow air platforms to have high lift-to-drag ratio and long endurance without the attendant increase in wing span and area. The targeted application is heavy lift Unmanned Aerial Vehicle that can carry heavy payloads and have long endurance. An example of such technologies is active circulation control, where the surface of the wing moves to provide flow circulation and delay flow separation, resulting in increase in lift. Tornado-like vortices and Wing-in-ground effect technologies were previously explored would not be considered.