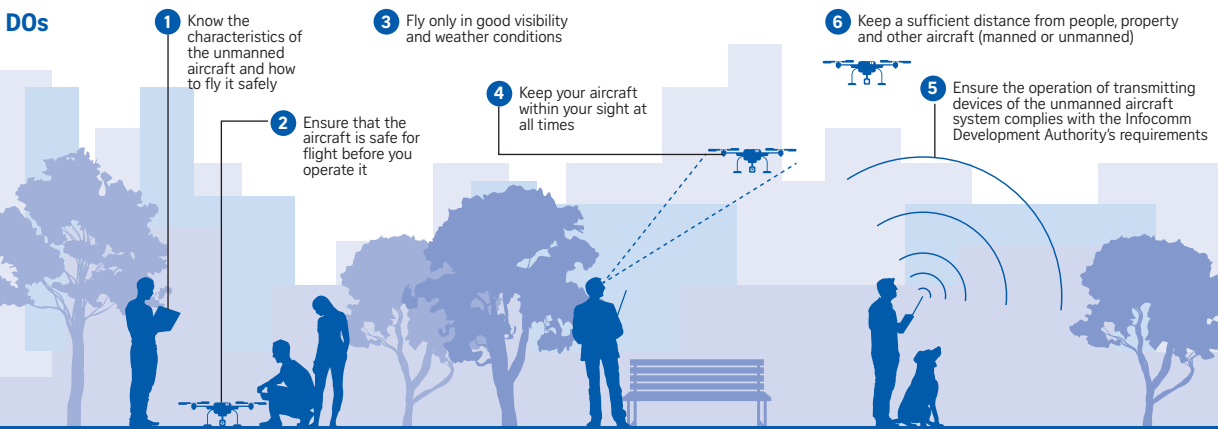


Fly it safe

Advisory on the safe and responsible operation of unmanned aircraft

DOs



DON'Ts



How drones can damage planes



Researchers at the University of Dayton in the US fired a drone weighing about 1kg at the wing of a light aircraft at a speed of 383kmh



The drone did not shatter on impact but blasted a large hole in the plane's wing



The drone lodged itself in the wing, causing extensive damage to the main structural frame or spar

The level of damage depends largely on the weight of the drone and the speed of the plane. Test was conducted using a DJI Phantom 2 quadcopter drone and a wing of a Mooney M20 light aircraft.