

Launch / Recovery Procedures

The RMAX will take-off from one of two airstrips at the Kentland Farm facility (shown in Figure 1) and fly within a 500' radius of the takeoff location. Take-off will be commanded by the pilot operating the 72 MHz transmitter. Once the helicopter has reached a safe altitude, control will be turned over to the autopilot (wePilot) operating at 900 MHz. A typical mission will involve flying the helicopter over an area in a search pattern while images and data are acquired. A typical mission will not exceed 15 minutes in total time, from takeoff to touchdown. After the data is acquired, the helicopter will return to its initial waypoint and manual control by the pilot will be regained. The pilot will land the helicopter at the same location as the take-off point.



Figure 1 – Kentland Farm Flying areas