Vapor Launch and Recovery Summary:

The PA-01 Vapor is a VTOL aircraft. Launch and recovery will be done on level surfaces such as grass fields, asphalt, or any other surface that does not have any loose debris. During takeoff and landing personnel will be at a minimum distance of 50ft from the aircraft.

Both takeoff and landing of the Vapor is done autonomously. During takeoff the operator commands a higher altitude to the aircraft until liftoff is achieved. At which point the Vapor can continue to climb to the desired operating altitude. Landing the Vapor is done by the operator commanding a lower altitude until the aircraft is in contact with the ground. It is at this point where the Vapor detects that it is not descending further and powers off the rotor.