



Technical Description & Performance Limitations of Mavic 3E / Mavic 3T

| RPAS Technical Description | |
|---|---|
| Airframe Type | Multicopter |
| Manufacturer | DJI |
| Model of RPA | Mavic 3E / Mavic 3T |
| Span / Diameter | 221 x 96.3 x 90.3 mm (Folded without propellers) 347.5 x 283 x 107.7 mm (Unfolded without propellers) |
| Maximum Take-Off Mass (g) | Mavic 3E: 1050g Mavic 3T: 1050g |
| Propulsion Type | Electric Brushless Motor |
| Number of Motors | 4 |
| Flight Battery | DJI Intelligent Flight Battery (5000 mAh) |
| Flight Control System (Autopilot) | DJI Flight Control System |
| Software / Firmware | Aircraft Firmware (Mavic 3E / Mavic 3T) |
| Transmitter | O3 Enterprise |
| Receiver | O3 Enterprise |
| RPA Control Frequency | 2.400-2.4835 GHz 5.725-5.850 GHz |
| Remote Pilot Station (RPS) | DJI Smart Controller |
| Remote Pilot Station Software | DJI Pilot 2 App |
| RPAS Performance Characteristics | |
| Max altitude | 6000m (without payload) |
| Max Endurance | Approximately 45 minutes (no wind) |
| Max Range | 32km |
| Max Airspeed | 54km/h (Normal Mode) Forward: 75.6km/h (Sport Mode) Side: 72km/h (Sport Mode) Backwards: 68.4km/h (Sport Mode) |
| Max Climb rate | 21.6km/h (Normal Mode) 28.8km/h (Sport Mode) |
| Max descent rate | 21.6km/h (Normal Mode) 21.6km/h (Sport Mode) |
| Max bank angles | 30° (Normal Mode) 35° (Sport Mode) |
| RPAS Performance Limitations | |
| Wind speed Limits | 43.2 kph |
| Turbulence restrictions | Turbulence to be avoided at all times |
| Minimum visibilities Conditions | Heavy rain, fog, snow, lightning, tornadoes, or hurricanes. |
| Outside air temp | -10°C to 40°C |
| In flight Icing | Forbidden to fly in icy conditions |