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| S No | Name | Main feature | MTOW (kg) | Range (km) | Cruise Speed (m/s) | Maximum Speed (m/s) | Endurance (min) | Length (m) | Wingspan (m) |
| 1 | Nano Hummingbird | Hover mid-air | 0.019 | NA | 5 | 6.7 | 11 | 0.15 | 0.165 |
| 2 | Black Widow Mav | NA | 0.08 | 1.8 | 13.4112 | NA | 30 | 0.1 | 0.1524 |
| 3 | Silverlit Wingmaster | Ideal for hobbyists | 0.0117 | NA | NA | NA | 10 | 0.22 | 0.29 |
| 4 | Wowwee Dragonfly | Ideal for hobbyists | 0.454 | NA | NA | NA | 10 | 0.36068 | 0.5207 |
| 5 | Delfly 1 | First of its kind | 0.021 | NA | NA | NA | 17 | 0.4 | 0.35 |
| 6 | Delfly 2 | NA | 0.016 | NA | NA | NA | 11 | 0.3 | 0.3 |
| 7 | New Delfly 2 | NA | 0.016 | NA | NA | NA | 22.5 | 0.3 | 0.3 |
| 8 | Jumbo Bird | NA | 1.3 | 5 Km | 11.944 | 23.05 | 50 | 0.8 | 1 |
| 9 | Wasp Ae | NA | 7 | 20 Km | 13.66 | 21.11 | 150 | 1.4 | 2.8 |
| 10 | Puma Ae | NA | 1.9 | 10 Km | 8.88 | 22.5 | 75 | 0.9 | 1.4 |
| 11 | Quantix Recon | Inspired from herring gull flapping of wings | 0.45 | NA | 5 | NA | NA | 1.07 | 2 |
| 12 | Smartbird | Autopilot control flaps - freq - 4-12 hz | 0.22 | 4 | 8-12 | NA | 30 | 0.6 | 0.5 |
| 13 | Dove | Wing beat freq - 1-2 hz | NA | NA | 1-2.5 | NA | 3.5 | NA | NA |
| 14 | Emotion Butterfly | Beat freq - 15-20 hz 13 dof | 0.175 | NA | NA | NA | NA | 0.44 | 0.63 |
| 15 | Bionicopter | Gliding | 0.58 | NA | NA | NA | NA | 0.67 | 2.28 |
| 16 | Bionic Flying Fox | NA | NA | NA | NA | NA | NA | NA | NA |
| 17 | Airburr | Flying robot, can work in confined spaces using limited sensing, can resist collisions | 0.35 | NA | NA | NA | NA | 0.35 | 0.35 approx. |
| 18 | Entomopter | Twin sets of flapping wings(35 hz) in flying mode, crawling insect mode on land | 0.05 | NA | 5 | NA | NA | NA | 0.18 |
| 19 | Hi-Mems Project | Specially bred insects fitted with electronic circuitry so that they can be controlled remotely | 0.01 | NA | 8.04 | NA | NA | 0.099 | 0.07 |
| 20 | Epfl Jumpglider | Jump glide instead of continuous flight(energy savings) | 0.0165 | 4 m Per Jump-Glide | 2 m/s Glide Speed | 3 | 12 | NA | 0.49 |
| 21 | Delfly Explorer | Improved delfy 2 with more electronics, control and power | 0.02 | NA | NA | NA | 18 | 0.25 | 0.28 |
| 22 | Japanese VTOL Flapper | VTOL | 0.012 | NA | NA | NA | 7 | 0.3 | 0.7 |
| 23 | Flapping Tricopter | Tricopter with flappers instead of rotors | 0.03 | NA | NA | NA | NA | 0.48 | NA |
| 24 | Verti-X Flapping Machine | X wing | 0.0215 | NA | NA | NA | NA | 0.48 | 1.08 |
| 25 | Harvard Robobee | Tiny robot capable of partially untethered flight | 0.06 | NA | NA | 6 | NA | NA | 3 cm |
| 26 | Micro : Bit Ornithopter | Uses BBC's micro : bit microcomputer | 0.011 | NA | NA | NA | NA | 0.27 | 0.6 |
| 27 | Biplane Flying Fish | NA | 0.0205 | NA | NA | NA | NA | 0.55 | 0.35 |
| 28 | Kubeetle | NA | 0.021 | NA | NA | NA | NA | NA | NA |
| 29 | Tailless Flapper | NA | 0.017 | NA | NA | NA | NA | 0.315 | 1.5 |
| 30 | Meganeura 2013 | NA | 0.0043 | NA | NA | NA | NA | 0.18 | 0.62 |
| 31 | Iitk Mav | Polythene Wing Membrane With Density 40g/M3 // Used For Surveillance And Aerial Photography | 0.4 | NA | 6-8 | NA | 60 | NA | 1.6 |
| 32 | Raven | Autonomous operation | 1.9 | NA | 8.89 | 22.5 | 60-90 | 0.9 | 1.4 |