



Anhang 1

Date: 01.09.2023

Liste der zugelassenen Systeme

Referenz: Technische Daten der zugelassenen Systeme: Dok VDGS-UAS-Data

| Hersteller Typenfamilie | Typ | max Masse [kg] | Typ. Dimension [m] | max Geschwindigkeit [m/s] | kin. Energie * [J] | Operation Environment | |
|---|---|----------------|--------------------|---------------------------|--------------------|-----------------------|----------|
| | | | | | | bebaut | unbebaut |
| <i>Karte swisstopo Overlay VIL</i> | | | | | | | |
| E_{kin} < 700 J | | | | | | | |
| Alle neuen Drohnensysteme mit C3, C4, C5 oder C6 Kennzeichnung und E _{kin} < 700 J | | | | | | | |
| DJI Mavic | Mavic Mini 2 | 0.25 | 0.29 | 13 | 48 | x | x |
| | Mavic Air Series | 0.57 | 0.30 | 19 | 110 | x | x |
| | Mavic 2 Pro | 0.90 | 0.35 | 20 | 174 | x | x |
| | Mavic 2 Enterprise Advance | 1.10 | 0.35 | 20 | 213 | x | x |
| | Mavic 3 | 0.91 | 0.35 | 21 | 176 | | |
| DJI Phantom | Phantom 3 RTK / 4 Pro / Pro RTK / Pro V2 | 1.40 | 0.35 | 16 | 271 | x | x |
| DJI Inspire | DJI Inspire 1 Pro V2 | 3.06 | 0.58 | 22 | 591 | | x |
| DJI Spark | Spark | 0.30 | 0.14 | 14 | 58 | x | x |
| DJI FPV | FPV | 0.80 | 0.25 | 39 | 154 | x | x |
| Ascending Technologies / Intel | Falcon 8+ / >Falcon 8 Trinity | 2.30 | 0.82 | 15 | 444 | x | x |
| Horizon Hobby | Blade Chroma Quadcopter | 1.40 | 0.35 | 20 | 271 | x | x |
| Parrot | Anafi | 0.32 | 0.24 | 15 | 62 | x | x |
| Sense Fly | eXom | 1.90 | 0.80 | 12 | 367 | x | x |
| Trimble | ZX 5 | 5.00 | 0.85 | 15 | 593 ** | x | x |
| Yuneec | H 520 | 2.20 | 0.52 | 17 | 425 | x | x |
| | Typhoon | 2.05 | 0.56 | 20 | 396 | x | x |
| E_{kin} > 700 J | | | | | | | |
| Alle neuen Drohnensysteme mit C3, C4, C5 oder C6 Kennzeichnung und E _{kin} > 700 J | | | | | | | |
| DJI Matrice | Matrice 200 / 210 Series | 6.14 | 0.89 | 17 | 1187 | | x |
| | Matrice 300 RTK | 9.00 | 0.90 | 23 | 1739 | | x |
| | Matrice 600 pro | 15.50 | 1.67 | 18 | 2995 | | x |
| | DJI Inspire 2 Series | 4.25 | 0.60 | 26 | 821 | | x |
| Leica | Aibot AX20 / DJI Matrice 600 | 15.50 | 1.67 | 18 | 2995 | | x |
| Vectorbirds | Kite 75 | 12.00 | 0.65 | 20 | 2319 | | x |
| Remarks | * Berechnung der kin. Energie gemäss Ref. ASSURE A4 Report: UAS Ground Collision Severity Evaluation (2017), Fig.42 ** Trimble ZX 5: Berechnung kin. Energie gemäss ASSURE A4 Report: UAS Ground Collision Severity Evaluation (2017) mit an Hexacopter angepassten Werten | | | | | | |

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|--|--|----------------|--------------------|---------------------------|--------------------|-----------------------|----------|
| | | | | | | bebaut | unbebaut |
| <i>Karte swisstopo Overlay VIL</i> | | | | | | | |
| E_{kin} < 700 J Flächendrohnen | | | | | | | |
| WINGTRA | WINGTRA Gen I / Gen II Ref.: WOG2-004-M1-TRH-R0.3 - Technical Relevant Information | 4.50 | 1.25 | 16 | 576 | x | x |