

DB-5 (12-GAUGE) COUNTER-DRONE

Primetake's DB-5 round allows the quick and safe elimination of an aerial threat and can be fired from a conventional 12G platform

The DB-5 is a rapidly deployable, cost effective munition for use in urban areas and airfields to safely eliminate a drone encroachment. The round's Kevlar cord entangles the drone blades mid-flight, recovering the device without destroying it, thereby preserving forensic evidence which allows police to bring illegal operators to justice.

Minimised FOD - After firing, the round remains tethered together and has a bright identifying tag which allows for easy projectile identification and collection.

Urban Deployment - In the event of a missed shot, when fired over a 20° angle, the design of the DB-5 allows the projectile to return to earth slowly and safely. This ensures the round is suitable for use in urban environments

The below chart demonstrates the shot lead distance when targeting a drone.

Shot lead distance depending on drone speed and distance

	5 MPH	10 MPH	15 MPH	20 MPH	25 MPH
250	7.41	14.81	22.22	29.63	44.44
200	3.56	7.11	10.67	14.22	21.33
150	1.90	3.81	5.71	7.62	11.43
100	1.11	2.22	2.22	4.44	6.67
75	0.74	1.48	1.48	2.96	4.44
50	0.48	0.97	0.97	1.93	2.90
25	0.23	0.45	0.45	0.91	1.36
10	0.09	0.18	0.18	0.36	0.53

Distances measured in feet

All of the distances given are demonstrative, and give an indication of how the DB-5 can be used at range. Factors such as wind speed and drone height should also be taken into account.

The DB-5 is the last line in drone defence and offers a cost effective solution to aerial threats.



COMPANY INFORMATION

Established in 1991, Primetake design, develop, manufacture and supply specialist ammunition for professional users within military and law enforcement. Our product portfolio spans from Tactical 12 Gauge and Omega Sniper/ Match Grade Ammunition to Pyrotechnics, Distraction Devices, Saluting Ammunition and other technical products, whilst continuing to offer a world leading range of Bird Scaring Cartridges for the military and civil aviation markets.

The company operates from a modern facility near Lincoln in the East of England offering an unrivalled worldwide distribution network, exporting high quality cost effective ammunition solutions across the world. Our products have a reputation for high performance, quality, reliability, safety and innovation and enjoy an international following among many elite military and law enforcement units.

We pride ourselves on technical excellence employing an expert Research and Development team. Products are continuously reviewed for performance and consistency throughout their lifetime, enabling us to stay ahead of the market; while a rigorous development process and a highly skilled workforce mean that every Primetake product is thoroughly tested and completed to an exceptional standard before leaving the premises.

Primetake is part of Key Technologies Ltd, a leading defence and security technology group in the UK. Primetake is an ISO 9001, ISO 14001 and OHSAS 18001 accredited company and along with our partners, endorse and subscribe to the TRAC and TRACE due diligence and anti-bribery platform. As part of a continuous improvement programme, Primetake has committed to attain SC21. This standard aims to boost the competitiveness of the UK aerospace, defence security and space industry.

