

IABG. The Future.



Ballistic Testing
Analysis and Assessment

IABG provides full service for ballistic testing and qualification of:

- Materials
- Components
- Transparent armour
- Armoured vehicles
- Doors
- Windows
- Facades



Setting environmental conditions e.g. pre-conditioning of test specimen from -46°C up to +100°C possible



Test specifications:

- STANAG 4569 AEP-55, Volume 1 Level 1-5
- VPAM APR 2006
- DIN EN 1522 / 1523
- DIN EN 1063
- NIJ Standards
- MIL Standards
- Customer specifications

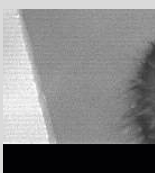
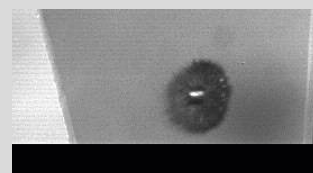
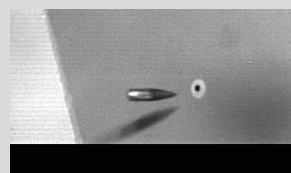
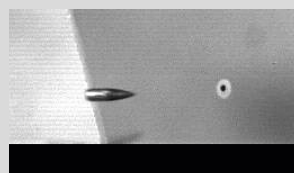
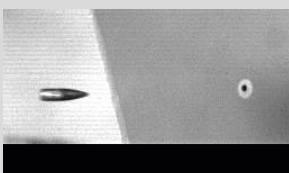
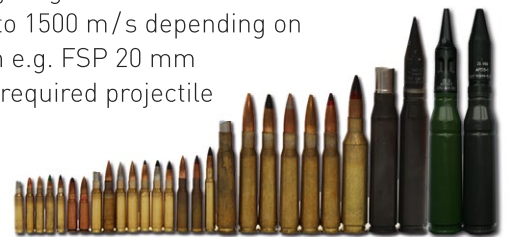


Diagnostic capabilities:

- Measuring of impact velocity with photoelectric barrier
- Measuring of yaw angle with high speed recording
- Measuring of residual velocity with high speed video
- Analysis of structural behaviour during the impact e.g. behind armour debris with high speed video
- Further diagnostics on customers demand

Available ammunition:

- Calibre from .357 Mag up to 25 mm
- FSG 12/70 shotgun
- FSP artillery fragment from 5.56 mm to 20 mm
- Velocity up to 1500 m/s depending on ammunition e.g. FSP 20 mm
- Tailoring of required projectile velocity





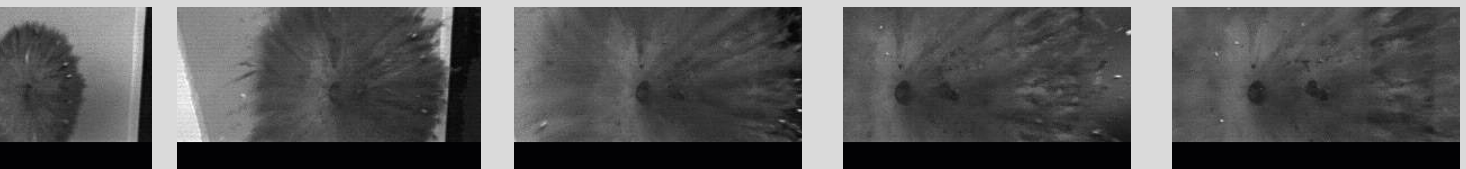
Ballistic Test Report:

- Complete online test report for each shot including e.g.
- Test set-up
- Projectile velocity
- Projectile energy
- Target information
- Specification of ammunition
- Test result



Membership and certification:

- IABG is certified according to ISO-9001:2008
- IABG is accredited according to DIN EN ISO/IEC 17025:2005
- IABG is member of the Team of Experts of STANAG 4569 and 4486
- IABG is partner of the German Federal Armed Forces





AUTOMOTIVE



INFOCOM



MOBILITY, ENERGY & ENVIRONMENT



AERONAUTICS



SPACE



DEFENCE & SECURITY

About IABG

We are a closely networked business group and offer integrated, future-oriented solutions in the sectors Automotive • InfoCom • Mobility, Energy & Environment • Aeronautics • Space • Defence & Security. We understand the requirements of our customers and support them independently and competently. We implement effectively, efficiently and with target orientation. We operate reliably and sustainably. Our international market presence and our success are based on technological excellence and a fair relationship to our customers and business partners.

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