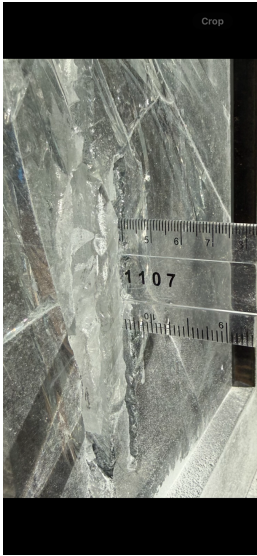


RAPID EMERGENCY ACCESS TO ARMOURED-VEHICLE BALLISTIC GLAZING

Public CAV Forum case study - capability and findings

Armoured and protected vehicles create casualty-access challenges beyond standard automotive extrication. A controlled practical trial evaluated a portable, battery-powered rescue-access methodology on heavy ballistic glazing.

40 mm	~4 min	Battery
GLAZING TESTED	APERTURE TIME IN THIS TRIAL	PORTABLE TOOL PLATFORM



Verified test specimen: approximately 40 mm ballistic glazing. Detailed tooling, consumables, cut geometry and sequence are intentionally omitted from this public document.

Headline finding

A usable rescue-access aperture was achieved in approximately **four minutes** during this trial using portable battery-powered equipment. The result demonstrates the potential for rapid emergency access through heavy ballistic glazing when an appropriate, tested rescue methodology is available.

Operational learning

The trial identified particulate generation as a significant operational consideration. Future procedure development should incorporate dust suppression, suitable respiratory protection, casualty shielding and contamination management alongside cutting performance.

Why the detailed method is controlled

The purpose of this public case study is to demonstrate rescue capability and stimulate professional discussion without publishing a reproducible method for defeating security glazing. Detailed methodology is reserved for appropriate emergency-service, manufacturer, fleet and security-sector partners.

FROM TEST RESULT TO RESCUE CAPABILITY

Armoured vehicle rescue consultancy, validation and training



Full transparent-armour panel following controlled practical research. Detailed methodology is not disclosed.

Professional support

Technical rescue consultancy can support armoured and protected vehicle manufacturers, fleet operators and emergency services with vehicle familiarisation, ballistic-glazing access research, specialist extrication methodology, rescue-tool evaluation, scenario-based exercises and development of casualty-protection procedures.

"You build the protected vehicle. I help determine how rescuers get someone out of it after a serious collision."

Detailed technical briefing available to appropriate professional partners.

The full trial methodology, equipment configuration, operational observations and safety considerations can be discussed within a controlled professional setting.

Presenter details: Add name, organisation, email, telephone and QR code before publication.

Trial note: approximately four minutes relates to this specimen and test. Ballistic glazing varies in construction; this is not a universal cutting-time claim or manufacturer-approved procedure.