



# LASA Ballistic Helmet Shell

Proven Combat Protection

The LASA Advanced Ballistic Helmet shell offers ultra-lightweight ballistic protection for combat operations, compliant with NIJ 0106.01 (with appropriate suspension system).



Pictured: Top: Full Cut.  
Above: High Cut

## FEATURES

The helmet shell is offered with a variety of options:

**Color:** Three standard colors or unfinished shell (customer colors available on request).



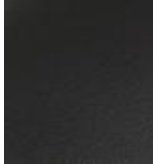

**Trim:** Full or High Cut.

**Chinstrap:** Undrilled or drilled for three or four point chinstrap.

**Device mount:** Undrilled or drilled for Night Vision Device mount.

**Hook pads:** Internal hook pads for liner installation.

**Accessory rails:** Available to purchase

| Ballistic Performance and Technical Specifications |  |   |   |   |
|--|--|---|---|---|
| <b>Fragmentation Protection.</b>                   | AEP-2920 17 gr (1.1 g) FSP (+50°C / -46°C)<br>$V_{50} > 735 \text{ m/s}$   |   |   | <b>Ballistic Testing</b><br>Development and Quality Assurance undertaken 'in-house' at the Coventry UK Test Laboratory. UK MOD and ISO 9001 approved Test Range. Comparative Testing undertaken with Internationally recognised Test Houses<br><br><b>Quality Assurance Approval</b><br>ISO 9001<br><br><b>Lab competence, calibration and testing Approval</b><br>ISO 17025 UKAS Accreditation |
| <b>Bullet Resistance to Penetration.</b>           | NIJ Level 2 (9mm, .357 Mag),<br>NIJ Level 3A (.44 Mag),<br>ACH Gen II (AR/PD 14-01 Rev C) 9 x 19mm FMJ RNP.                  |   |   |   |
| <b>Compression Resistance.</b>                     | AEP-2902 Option 2 (+50°C, -46°C)   |   |   |   |
|  | Front to Back  | Side to Side  | Top to Bottom   |   |
|  | 45 cycles @ 1100N  | 45 cycles @ 1100N   | 45 cycles @ 1500N   |   |
| <b>Flammability Protection.</b>                    | In accordance with ACH Gen II (AR/PD 14-01 Rev C).<br>(Edge performance of unfinished shell dependent on applied edge trim). |   |   |   |
| <b>Standard Finishes.</b>                          | Unfinished   | NATO Green  | Black   | Coyote Brown  |
|  |   |  |  |    |

**Disclaimer**  
This information is for guidance only. We reserve the right to make changes to the content.

**Product Warranty, Use & Care**  
NP Aerospace warrants for a period of 60 months after the 'date of issue' that the Hard Armour Solutions shall be free from defects in material and workmanship provided all products are used and maintained in accordance with NP Aerospace's Use and Care Instructions.

Ref: NP-DOC-1522 Issue: C

## TRIM OPTIONS

Full Cut



High Cut



## SIZE RANGE

| Size    | Trim | Mass (kg)                   |                          | Helmet Shell Dimensions (mm) |       |        | Head circumference with 3/4" Pads (mm) | Shell Surface Area (cm <sup>2</sup> ) |
|---------|------|-----------------------------|--------------------------|------------------------------|-------|--------|--|---------------------------------------|
|         |      | Unfinished, Undrilled Shell | Shell, Paint & Edge trim | Length                       | Width | Height |  |                                       |
| Small   | Full | 0.79                        | 0.84                     | 245                          | 232   | 176    | 525-550                                | 1070                                  |
|         | High | 0.67                        | 0.70                     |                              | 213   | 173.5  |  | 900                                   |
| Medium  | Full | 0.84                        | 0.89                     | 253                          | 244.5 | 180.5  | 545-580                                | 1140                                  |
|         | High | 0.71                        | 0.75                     |                              | 220   | 176    |  | 960                                   |
| Large   | Full | 0.92                        | 0.97                     | 264                          | 254   | 185.5  | 575-610                                | 1230                                  |
|         | High | 0.78                        | 0.83                     |                              | 233   | 184    |  | 1060                                  |
| X-Large | Full | 1.04                        | 1.10                     | 278.5                        | 269   | 193    | 605-645                                | 1370                                  |
|         | High | 0.89                        | 0.94                     |                              | 242.5 | 192    |  | 1160                                  |

Typical mass tolerance  $\pm 5\%$ ; Nominal mass subject to change.

### Disclaimer

This information is for guidance only. We reserve the right to make changes to the content.

### Product Warranty, Use & Care

NP Aerospace warrants for a period of 60 months after the 'date of issue' that the Hard Armour Solutions shall be free from defects in material and workmanship provided all products are used and maintained in accordance with NP Aerospace's Use and Care Instructions.

Ref: NP-DOC-1522 Issue: C