

F70™ - BALLISTIC HELMET



F70 Mid-Cut

(Pictured with options NVG shroud, rails, bungees and exterior loop set)



F70 High-Cut

(Pictured with options NVG shroud, rails, bungees and exterior loop set)

The F70 ballistic helmet provides a high-value combination of ballistic performance and low weight that far exceed conventional (ACH) helmet specifications. The integrated and configurable helmet design is intended for conventional military combat as well as special forces and law enforcement operations.

PRODUCT HIGHLIGHTS

- Innovative no thru-hole construction for mounting the NVG shroud, retention system and rails, which increases the shell's effective protection area
- Geometry is engineered for improved coverage of critical areas and increased comfort compared to conventional (ACH) helmets
- Shell is manufactured with advanced Ultra-High Molecular Weight Polyethylene (UHMWPE)
- Modular and configurable to support a variety of mission profiles
- Multiple accessories available including visor. Ballistic mandible is available for Mid-Cut helmet only.
- High-Cut evaluated and determined suitable for U.S. Air Force static line and military free-fall operations under the Test Parachute Program (TPP)

Maintains the same coverage as the ACH helmet – at a much lighter weight

>30% weight reduction*

* When compared to ACH finished shell

BALLISTIC PERFORMANCE TESTING

NIJ Threat Level

NIJ 0106.01 with NIJ 0.108.01 Level IIIA Threats (9mm FMJ/44mag @ 1400-1450 ft/sec)

Fragmentation Testing

Tested in accordance to NATO STANAG 2920
17 gr .22 caliber FSP \geq 2755 ft/sec (840 m/sec)

Meets and exceeds all ACH Fragmentation Requirements when tested to MIL-STD-662F

Blunt Impact Testing

Meets ACH Blunt Impact requirements

Accessory Testing

Mandible:

17 gr .22 caliber FSP; $V_{50} \geq$ 2132 ft/sec (650m/sec)

Visor:

17 gr .22 caliber FSP; $V_0 =$ 560 ft/sec (170m/sec)

*Testing performed by a US based NIJ accredited third party laboratory



CONFIGURATION OPTIONS

- Choice of rails, NVG shroud, bungees, visor, mandible and exterior loop set
- Choice of Suspension and Retention

RETENTION SYSTEMS

- Dial or X-Back Retention Systems
- Innovative no thru-hole attachment
- Allows for one hand adjustment

SUSPENSION SYSTEMS

- Team Wendy Epic Air and ZAP Suspension systems
- D3O TRUST Stealth and Nimbus Suspension systems

NVG SHROUD

- Accepts common industry night vision goggle (NVG) adapters
- Innovative no thru-hole attachment

ACCESSORY RAILS

- Reverse dovetail rails accept common industry accessories
- Innovative no thru-hole attachment

OTHER ACCESSORIES

- Counterweight pocket, helmet bag, exterior loop set and picatinny adaptor

BALLISTIC VISOR

- Attaches to the NVG shroud
- Easy, one-hand attachment and removal
- Coated to resist fogging and scratching

BALLISTIC MANDIBLE

- Easy to attach and remove via rails on either side of helmet
- Available for F70 Mid-Cut helmet only



FINISHED SHELL WEIGHT

(Includes edge trim and paint)

Size	Weight	
	F70 Mid-Cut	F70 High-Cut
S	~1.75 lbs (0.79 kg)	~1.52 lbs (0.69 kg)
M	~1.78 lbs (0.81 kg)	~1.56 lbs (0.71 kg)
L	~1.89 lbs (0.86 kg)	~1.72 lbs (0.78 kg)
XL	~2.09 lbs (0.95 kg)	~1.85 lbs (0.84 kg)

AVAILABLE COLORS



WARNING

Avon Protection ballistic helmet products are for occupational use only. Only qualified and trained operators should use these helmets. Many factors uniquely within the user's knowledge and control can affect the use and performance of the helmet. The user is solely responsible for evaluating the helmet and determining whether the helmet is suitable for user's intended conditions of use. Misuse or failure to follow warnings and user instructions may result in serious personal injury or death.



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