

# MODEL ACH - HIGH CUT

## ATS-AHC-03



All technical details are confirmed and approved by ATS GROUP.

HELMET MODEL ACH HIGH CUT » LEVEL IIIA

### DESCRIPTION

**ATS-ANC-03** is a modern ballistic helmet for law enforcement personnel. It is made of high quality aramid and designed to ensure maximum flexibility and comfort. Its design and our special manufacturing process provide strong fragments, shrapnel and ammunition protection. The helmet shell is made of 100% aramid or Kevlar® material, which ensures the helmet is lightweight and durable. The helmet provides protection against handgun ammunition as well as

against fragments from grenades. The ATS ballistic helmet, model ACH, meets all the military standards of the modern anti-ballistic helmet. The helmet is designed to ensure very little trauma and has been tested with fragments and gun ammunition. Its anti-ballistic properties are constantly tested in laboratories in Europe and the United States. Aramid or Kevlar® is flame and heat resistant, it does not melt or drip, does not sustain flame and has low smoke toxicity.

**ATS-AHC-03** helmet has been designed for special units. It is extremely lightweight, with an ultra-low profile of the shell, which ensures the widest viewing angle. In addition, it is fully compatible with a wide range of communication devices, glasses and balaclavas. It is compatible with a wide range of gas masks. Compatible with communications equipment and many other attachments, this is the choice of many military and law enforcement agencies throughout the world.

## EXTERIOR VELCRO® KIT

Permits attachment of head-borne accessories.  
Different kit sizes that match helmet size.

## ARAMID OR KEVLAR CONSTRUCTION

Aramid or Kevlar® is flame and heat resistant it does not melt or drip, does not sustain flame and has low smoke toxicity.

## NVG

NVG Shroud compatible with most NVG mounting brackets. Holds lights, cameras and other accessories.

## PAINTED SHELL

## SCREW

Non-corrosive, bullet resistant, made of high-quality material.

## PADDING SYSTEM

Each option is designed to secure the helmet on the wearer's head. All options allow the movement of the pads for the integration of communication systems with a low-profile headband.

## BUCKLE

Maintains helmet security in all operations. Noncarcinogenic, high-quality plastic.

## CHINSTRAP

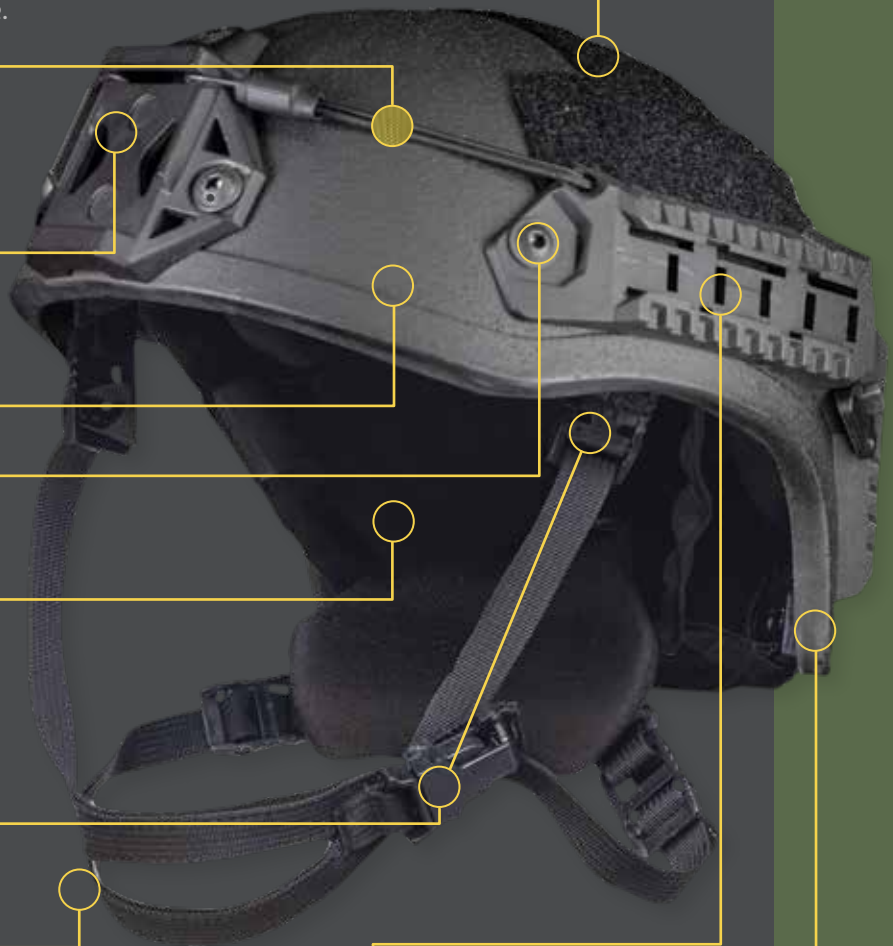
Patented design that secures the helmet to the wearer's head at four points of contact and has direct lines from the helmet to the chin cup.

## RAILS

Side Rails (2 places) hold various items such as visors, mandibles, lights and cameras. Attached to helmet with retention hardware.

## PROTECTIVE RUBBER

Noncarcinogenic material, flame, high and low temperature resistant.



ADJUSTABLE DIMENSION



ARAMID CONSTRUCTION



SIDE RAILS



HELMET COVER



NVG MOUNT



BOA ATS SYSTEM

## DURABILITY

THE HELMET AND ITS PARTS ARE RESISTANT TO ALL WEATHER CONDITIONS



### Temperature conditions

from -55°C to +75°C



### Fire retardant

The helmet shell is self-extinguishing, does not sustain flame



### Weather resistance

The helmet and its parts are resistant to all weather conditions



### Impact /shock absorption

According to EN397



### Dimensional stability

Compression resistance



THE HELMET IS EQUIPPED WITH SIDE RAILS AND A FRONT NVG HOLDER



## HELMET COLORS

Please contact Customer Service at [info@ats.com.mk](mailto:info@ats.com.mk) to find out lead time on your helmet cut, color and configuration.

## AVAILABLE COLORS



Black



OD Green



Coyote



MultiCam®



Khaki



Upon request

Available in multiple options. Please contact [info@ats.com.mk](mailto:info@ats.com.mk) to find out your helmet configuration.

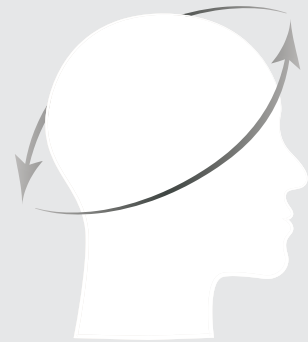
## SIZING AND WEIGHT

### 1. MEASURE HEAD CIRCUMFERENCE

Use a tape measure to determine the maximum head circumference above the ears. Record the measurement.

### 2. SELECT HELMET SIZE

Referring to the table below (in centimeters), select the helmet size based on head circumference.



53-56



56-59



59-62



62-65



THE HELMET WEIGHT (WITH CHIN STRAP AND PAD SET, RAILS, NVG AND VELCRO) IS SHOWN IN THE TABLE

Helmet size	Helmet weight (gr) +/- 100 gr	Shell thickness
S	< 1250	8mm ± 1mm
M	< 1300	
L	< 1350	
XL	< 1400	

# MODEL ACH HIGH CUT ATS-AHC-03



## BALLISTIC PERFORMANCE

NIJ level IIIA - according to NIJ 0106.01

NIJ level IIIA - 9x19 FMJ, 358±15 m/s ballistic protection

NIJ level IIIA - .357 Mag. 425±15 m/s

## FRAGMENT PERFORMANCE

According to STANAG 2920

### MILITARY STANDARDS FOR BALLISTIC PROTECTION STANAG 2920 (STANAG = NATO STANDARDIZATION AGREEMENT)

PROJECTILE	Minimum $V_{50}$ BL (P) at 0° obliquity	
	ft/sec	m/sec
2-grain RCC1/	4200	1280
4-grain RCC	3475	1059
16-grain RCC	2475	754
64-grain RCC	1750	533
17-grain FSP2/	2200	670

## BOA® FIT SYSTEM

### BOA

**BOA®** Fit System or **BOA®** enables the user to finely adjust the helmet size and is compatible with communication equipment, gas masks and the requirements of many military and law enforcement agencies throughout the world. The Operation Elite helmet is designed to be lightweight and to provide robust protection with additional configurations available. The **BOA®** Fit system allows for precision fit adjustment and immediate release for focus, safety and the best performance.

### HOW IT WORKS



PUSH  
IN TO  
ENGAGE



TURN  
TO  
TIGHTEN



TURN  
TO  
LOOSEN



PULL UP FOR  
QUICK  
RELEASE

