

Cert. №: LF20221687



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中国认可  
国际互认  
检测  
TESTING  
CNAS L0269

# Certificate of Test

**Client:** Nanjing Zennison Outdoor Equipment Co., Ltd

**Address:** RM402 BLDG B3 YOUZHI MANSION, NO.29 KEJIAN RD., NANJING, CHINA

**Sample Name:** Bulletproof Helmet


Physical and Chemical Inspection Center in Non-metals  
Material of Ordnance Industries

Jul.12.2022

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<b>Sample Name</b>	Bulletproof Helmet	<b>Test Type</b>	Consignation Test
<b>Client</b>	Nanjing Zennison Outdoor Equipment Co., Ltd	<b>Contact Person</b>	Sophia Cheung
<b>Address</b>	RM402 BLDG B3 YOUZHI MANSION,NO.29KEJIAN RD.,NANJING,CHINA	<b>Phone</b>	86-13770999019
<b>Date Received</b>	07/09/2022	<b>Date Tested</b>	07/11/2022
<b>Sample Type</b>	22Y0708T-1	<b>Sample Amount</b>	1
<b>Test Standard</b>	NIJ 0106.01 NIJ Standard for Ballistic Helmets NIJ 0101.06 Ballistic Resistance of Body Armor IIIA (.44 Mag.)		
<b>Categories</b>	Ballistic Resistance		
<b>Test Conclusion</b>	<p>The Bulletproof Helmet provided by Nanjing Zennison Outdoor Equipment Co., Ltd was tested according with NIJ 0106.01, NIJ 0101.06 IIIA (.44 Mag.). Under normal temperature and humidity, no perforation occurs after four fair shots at the sample with .44 Magnum SJHP under the reference velocity of 436m/s ± 9m/s, and the maximum Trauma Height is 26.8mm.</p> <p>Laboratory configuration, sample description and test results are showed from Page 2 to 4.</p> <p align="center"> <b>Physical and Chemical Inspection Center</b>  <b>in Non-metals Material of Ordnance Industries</b>  <b>Jul.12.2022</b>  </p>		
<b>Prepared By:</b>	<i>Gradio</i>	<b>Reviewed By:</b>	<i>Panfany</i>
		<b>Approved By:</b>	<i>Cujan</i>

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<b>Laboratory Configuration</b>	
<b>Test Unit</b>	Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries
<b>Ambient Test Conditions</b>	Temperature: 22°C; Relative Humidity: 60%
<b>Setup</b>	Weapons: Ballistic Barrel Bullets: .44 Magnum SJHP Electrical chronometer (No.:6015) Caliper Gauge(No.: 11242252) Electronic Balance( No.:F40604303)
<b>Test Range</b>	5m
<b>Angle of Incidence</b>	0°
<b>Sample Description</b>	
<b>Sample No.</b>	NJZMH202205
<b>Configuration</b>	The helmet shell is made of Kevlar
<b>Remarks</b>	Blank



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<b>Results of Ballistic Resistance Test</b>									
Sample No.	Thickness (mm)	Weight (g)	Conditioning	Shot No.	Impact Point	Velocity (m/s)	Results	Trauma Height (mm)	Remarks
NIZMH202205	9.5	1641	Normal Temperature and Humidity	1	Front	433.8	Stop	26.8	Bullets: .44 Magnum SJHP
				2	Back	431.5	Stop	25.7	
				3	Left	435.6	Stop	21.1	
				4	Right	441.3	Stop	21.6	



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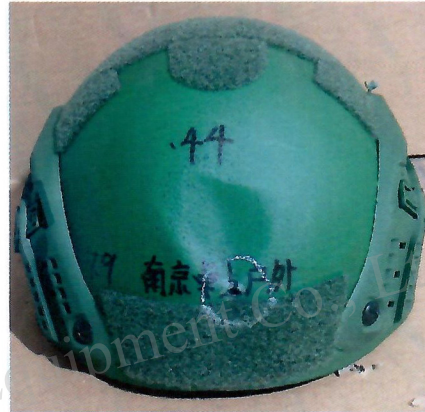
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Attached Pictures



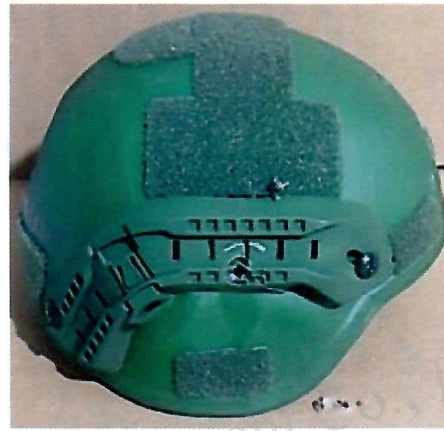
(a) front



(b) back



(c) left



(d) right



(e) inside

Fig. 1 Bulletproof Helmet 22Y0708T-1 (after testing)