



Antique Football

VINTAGE HELMET GRADING SERVICES



Certificate Number	FIH-AGS-10086
Style Classification	Improved Head Harness (FIH)
Date of Manufacture	1900 - 1902
Manufacturer	A.G. Spalding & Bros.
Model No.	No. 50
Evaluation Date	5/10/2018
Evaluated By	pCH
Manufacturer's Logo	No
Location	
Material	
Exterior	Brown Sole Leather
Interior	Leather Inner Crown with Felt Ear Pads
Size	
Adult/Youth	
Hat Size	

Description
 FIH-AGS-10086 is a circa 1900 A.G. Spalding & Bros. No. 50 Improved Head Harness with a sole leather body and leather ear protectors.

Provenance

AntiqueFootball makes no representation of condition or AFR Grade beyond the inspection date noted.

It is the mission of AntiqueFootball.com to provide accurate, unbiased research to vintage football equipment collectors and to share our passion for the humble beginnings of America's favorite pastime. With 10-years experience in identifying and dating vintage helmets, a library of over 200 vintage football equipment catalogs, and as the creator of the Vintage Football Helmet Classification System, AntiqueFootball is uniquely qualified to evaluate vintage football helmets.



AntiqueFootball, LLC
 2215 Plank Road #170
 Fredericksburg, VA 22401
 (540) 273-7498

Registry QR Code:		AFR Grade:	GOOD-FAIR
			66.33

<http://www.helmetregistry.com/helmets/10086.htm>



Inspection Summary				Grading Scale	
Criteria	AFR Score	Grade %	Comp. Grade	Score Range	Grade
Deformation	100.00	40.00%	40.00	95-100	MINT
Exterior Condition	19.50	35.00%	6.83	90 - 95	NEAR MINT
Interior	78.00	25.00%	19.50	85 - 90	EX
Overall Score			66.33	80 - 85	EX - VG
				75 - 80	VERY GOOD
				70 - 75	GOOD
Overall Grade			GOOD-FAIR	65 - 70	GOOD - FAIR
				60 - 65	FAIR
				< 60	POOR

I hereby certify that I have completed this vintage football helmet grading evaluation in accordance with the Vintage Helmet Grading Protocol and the Helmet Grading Code of Ethics established by AntiqueFootball.

Name		Certificate is invalid without AF wax seal
P. Chris Hornung		
Signature		
Date		
5/10/2018		



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Deformation		Body/Crown						Ear Pads		Deduction	Notes
		Symmetrical			Asymmetrical			Right	Left		
		Longitudinal	Lateral	Vertical	Longitudinal	Lateral	Vertical				
Deformation	Cupping			X				X		0.0	No cupping
	Compression							X	X	0.0	No compression
	Shear	X	X	X						0.0	No shear
Total Deformation Deductions										0.0	

Grading Key: A = Slight; B = Minor; C = Moderate; D = Significant; F = Severe

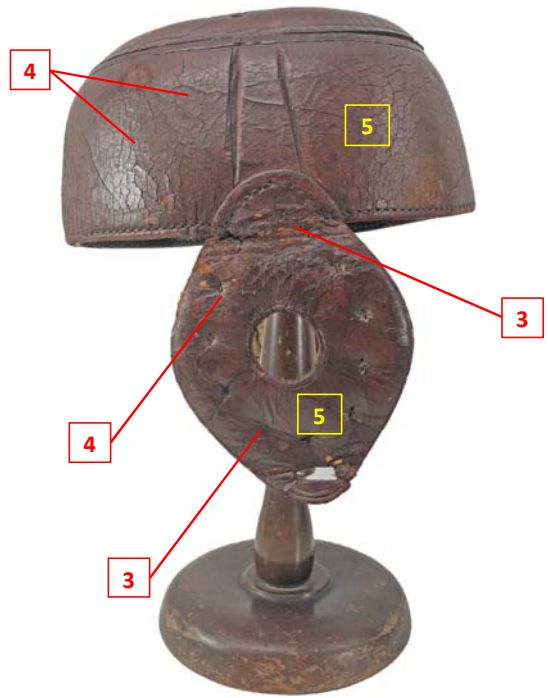
Exterior Condition		Location								Deduction	Notes
		Top	Front	Right Body	Left Body	Right Ear	Left Ear	Rear	Chinstrap		
Wear	Material Loss								F	20.0	1 Missing chinstrap
	Material Repairs									0.0	No material repairs evident
	Insect/Rodent Damage									0.0	No insect/rodent damage
	Tearing/Fraying									0.0	No tearing/fraying
	Surface Abrasions/Scuffs/Scars	B	B	D						12.0	2 Minor abrasions on top and front, significant abrasions on right body
Total Wear Deductions										32.0	
Desiccation	Stitch Disintegration/Damage								X	0.0	No stitch damage
	Fat Spews								X	0.0	No fat spews
	Embrittlement									0.0	Embrittlement deductions superseded by flaking/spalling deductions
	Shrinkage Depressions/Creasing	B				C	C			10.0	3 Minor to moderate shrinkage on both ear protectors and top
	Crazing/Cracking								X	0.0	No crazing/cracking
	Flaking/Spalling	A	C	C	B	D	D	A	X	112.0	4 Slight to significant flaking of all exterior leather surfaces
	Acidic Hydrolysis/Red Rot								X	0.0	No visible rot
Total Desiccation Deductions										122.0	
Discoloration	Oxidation	B	B	B	B	B	B	B	X	7.0	5 Minor oxidation of all exterior leather surfaces
	Chemical Staining									0.0	No chemical staining
	Soiling/Staining									0.0	No soiling/staining
	Applied Treatments/Residue									0.0	No applied treatments/residue
	Foreign Markings									0.0	No foreign markings
	Metal Corrosion/Salt Accretions									0.0	No metal corrosion
	Microbic Deterioration									0.0	No sign of mold or bacteriological deterioration
Total Discoloration Deductions										7.0	
Total Exterior Condition Deductions										161.0	

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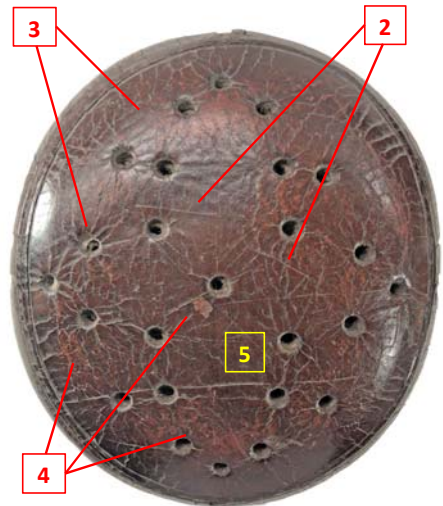
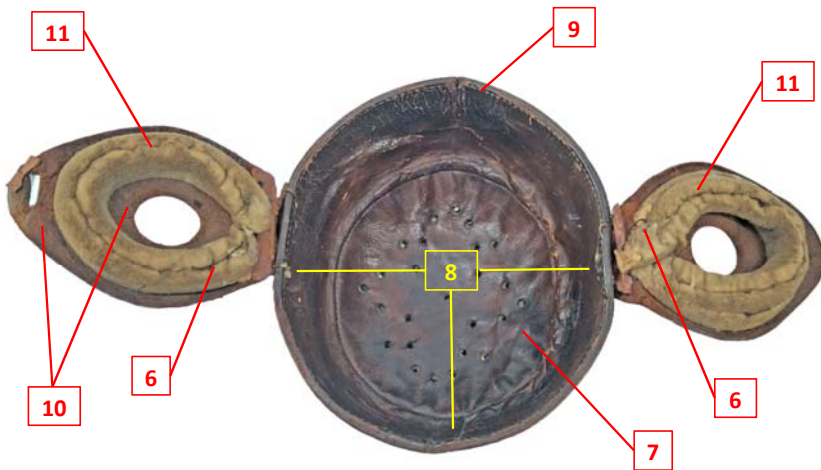
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Interior Condition	Location								Deduction	Notes
	Crown	Front	Right Side	Left Side	Right Ear	Left Ear	Rear			
Shell	Material Loss								0.0	No material loss
	Material Repairs								0.0	No material repairs
	Stitch Disintegration/Damage					A	A		2.0	6 Slight stitch damage on interior of both ear protectors
	Staining/Discoloration	C							4.0	7 Moderate staining of crown
	Insect/Rodent Damage								0.0	No insect/rodent damage
	Tearing/Fraying								0.0	No tearing or fraying
	Foreign Markings								0.0	No foreign markings
	Embrittlement								0.0	No embrittlement
	Crazing/Cracking	C	B	C	B				12.0	8 Minor to moderate cracking of interior crown, front, and right and left side leather shell
	Flaking/Spalling							C	8.0	9 Moderate flaking of rear leather
	Acidic Hydrolysis/Red Rot					C			10.0	10 Moderate red rot on right ear
Total Shell Deductions									36.0	
Padding	Material Loss								0.0	No material loss
	Insect/Rodent Damage								0.0	No insect/rodent damage
	Staining/Discoloration					C	C		8.0	11 Moderate staining of padding on both ear protectors
	Foreign Markings								0.0	No foreign markings
	Odor								0.0	No detectable odor
Total Padding Deductions									8.0	
Total Interior Condition Deductions									44.0	

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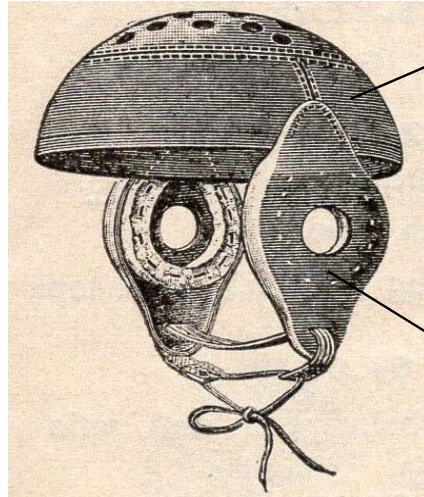
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About the Improved Head Harness

The improved head harness refers to a helmet style consisting of a hard, rigid crown made of sole leather with padded ear flaps attached to the sides of the crown. The earliest variations of the improved head harness, such as the Spalding No. 50 (1899), included a leather strap across the forehead and metal rivets connecting the leather straps to the shell. By 1900 these features were removed. The improved head harness was manufactured primarily by Spalding between 1899 and 1903, but other examples from unnamed manufacturers also exist. Manufacturers discontinued the production of improved head harnesses in 1903 when the Intercollegiate Football Rules Committee banned the use of sole leather in football head harnesses.

Distinguishing Characteristics



Rigid, Sole Leather Crown with Flat Top

Ear Protectors Padded with Felt

Spalding's Improved No. 50 Head Harness



Heavy sole leather crown; ventilated, and with improved ear pads; used with great success last year, and one of the most popular head harnesses made. Used by the leading colleges throughout the country.

No. 50. Each, \$4.00

1900 Spalding Improved Head Harness Advertisement