



Antique Football

VINTAGE HELMET GRADING SERVICES



Certificate Number	SSS-AJR-10087
Style Classification	6-Spoke Head Harness (SSS)
Date of Manufacture	1913 - 1916
Manufacturer	A.J. Reach & Co.
Model No.	No. 5
Evaluation Date	5/10/2018
Evaluated By	PCH
Manufacturer's Logo	No
Location	
Material	
Exterior	Brown Leather
Interior	White Felt
Size	
Adult/Youth	
Hat Size	

Description

SSS-AJR-10087 is an A.J. Reach & Co. No 5 6-Spoke Head Harness manufactured between 1913 and 1916.

Provenance

None

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

Registry QR Code:		AFR	EX-VG
		Grade:	81.25

<http://www.helmetregistry.com/helmets/10087.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	60.00	35.00%	21.00	90 - 95	NEAR MINT
Interior	81.00	25.00%	20.25	85 - 90	EX
Overall Score			81.25	80 - 85	EX - VG
				75 - 80	VERY GOOD
				70 - 75	GOOD
Overall Grade			EX-VG	65 - 70	GOOD - FAIR
				60 - 65	FAIR
				< 60	POOR

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

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						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

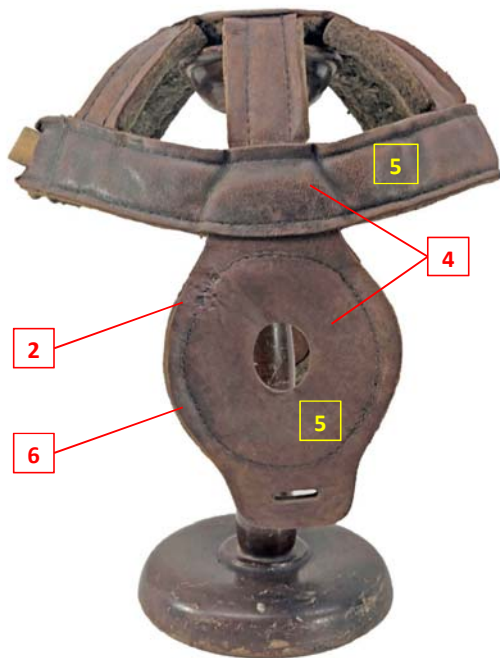
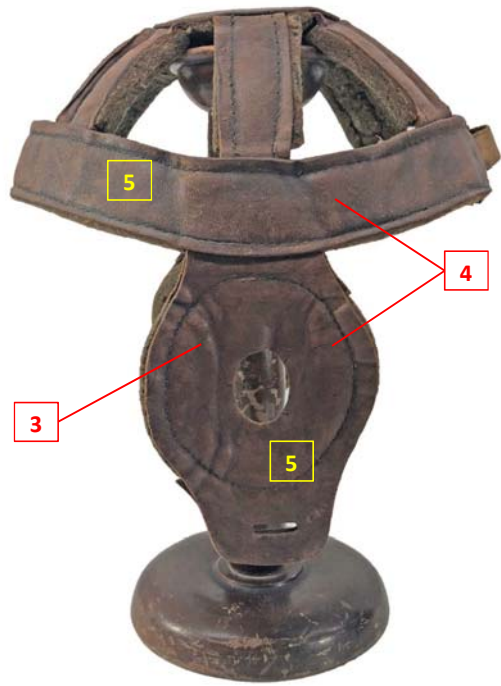
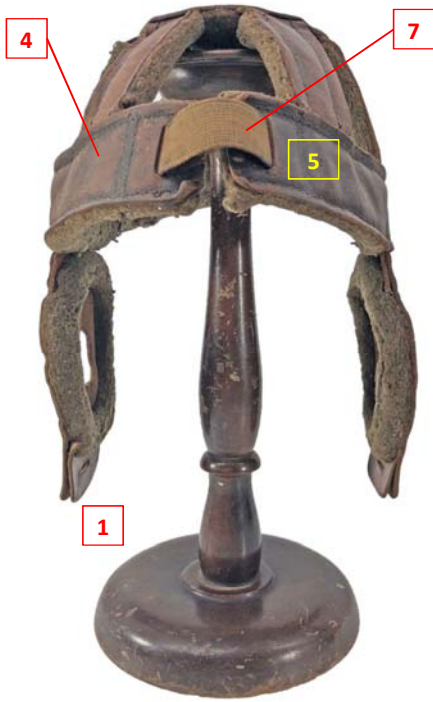
Exterior Condition		Location								Deduction	Notes
		Top	Front	Right Body	Left Body	Right Ear	Left Ear	Rear	Chinstrap		
Wear	Material Loss								F	20.0	1 No material loss
	Material Repairs									0.0	No material repairs evident
	Insect/Rodent Damage					B				2.0	2 Minor rodent chew marks on left ear
	Tearing/Fraying									0.0	No tearing/fraying
	Surface Abrasions/Scuffs/Scars									0.0	No surface abrasion
	Total Wear Deductions										22.0
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			A		B				3.0	3 Slight shrinkage on left body and right ear protector
	Crazing/Cracking								X	0.0	No crazing/cracking
	Flaking/Spalling	B	B	B	B	A	A	A	X	44.0	4 Slight to minor spalling on all exterior leather surfaces
	Acidic Hydrolysis/Red Rot								X	0.0	No visible rot
Total Desiccation Deductions										47.0	
Discoloration	Oxidation	B	B	B	B	B	B	B	X	7.0	5 Minor oxidation on all exterior leather surfaces
	Chemical Staining					B				2.0	6 Moderate staining on right ear protector
	Soiling/Staining		B							2.0	7 Minor staining of forehead adjustable strap
	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										11.0
Total Exterior Condition Deductions										80.0	

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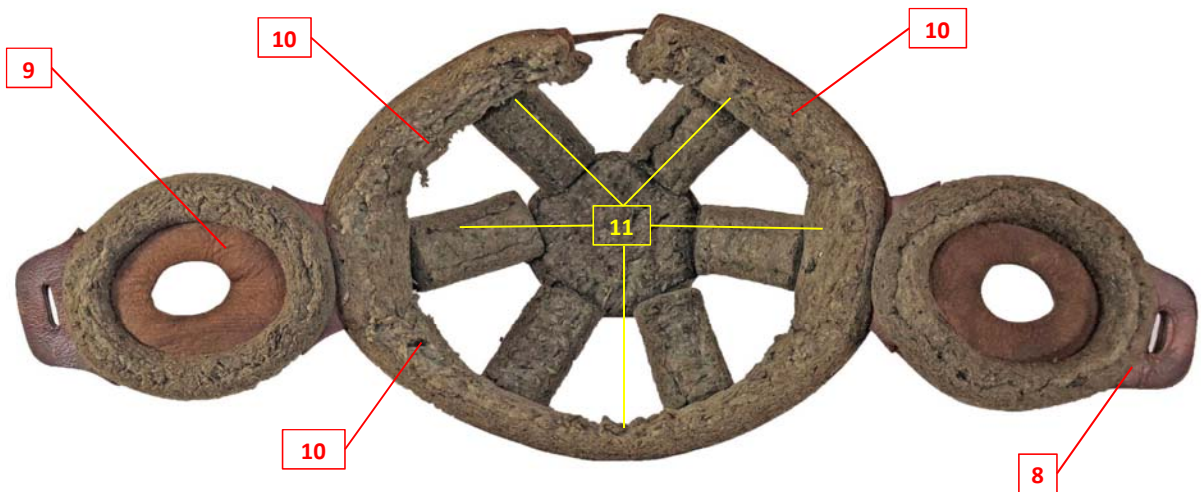
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Interior Condition		Location							Deduction	Notes
		Crown	Front	Right Side	Left Side	Right Ear	Left Ear	Rear		
Shell	Material Loss								0.0	No material loss
	Material Repairs								0.0	No material repairs
	Stitch Disintegration/Damage								0.0	No interior stitch damage
	Staining/Discoloration							B	2.0	8 Minor staining of left ear pad leather
	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						B		2.0	9 Minor cracking of right ear protector leather
	Flaking/Spalling								0.0	No flaking/spalling
	Acidic Hydrolysis/Red Rot								0.0	No evidence of hydrolysis or rot
	Total Shell Deductions								4.0	
Padding	Material Loss		A	A	A			A	6.0	10 Slight loss of padding at front, rear, and both sides
	Insect/Rodent Damage								0.0	No insect/rodent damage
	Staining/Discoloration	C	C	C	C	C	C	C	28.0	11 Moderate staining of interior padding
	Foreign Markings								0.0	No foreign markings
	Odor								0.0	No detectable odor
Total Padding Deductions								34.0		
Total Interior Condition Deductions								38.0		

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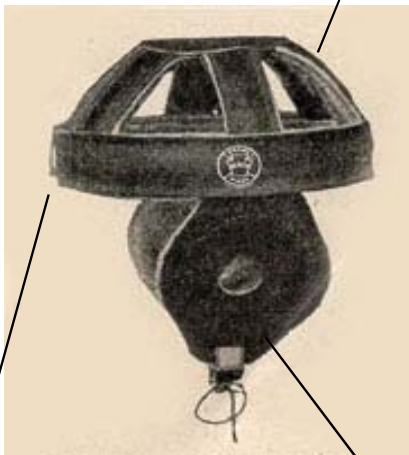


About the 6-Strap Head Harness

Evolving from the 4-strap, the 6-spoke head harness was offered between 1913 and 1916. A.J. Reach & Co. is the only known manufacturer to produce this style of head harness. Similar to the 8-spoke, the 6-spoke utilized 6 radial straps connecting the crown and headband of the harness. It is speculated that Reach used 6 spokes instead of 8 to account for smaller head sizes.

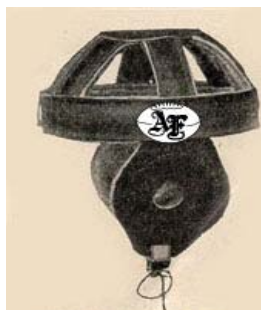
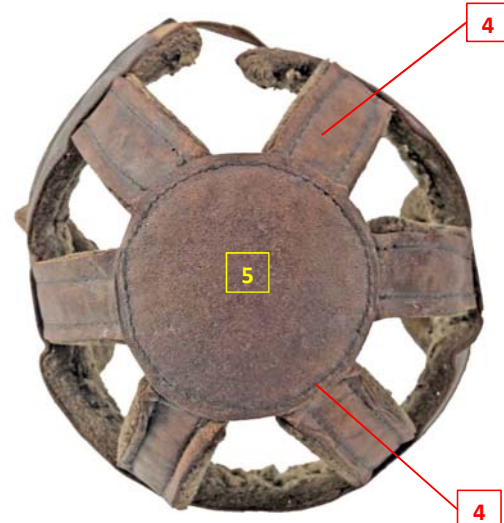
Distinguishing Characteristics

6 leather straps connecting the crown to the headband



Elastic Headband Size Adjuster

Independent, Sewn-on Ear Flaps



No. 5, Each \$1.25

No. 5 Harness is made of Black Tan Leather, well padded with Gray Felt and thoroughly ventilated. The best on the market at the price.

1916 A.J. Reach & Co. Fall & Winer Catalog