RIM STRENGTH TEST

3/5/75

Rims with rope pattern and 1/4" radius all (1/4" glue lines).

#3 new	1 ply with 1/8" wood edging. 3/8" larger bowl – small chips				strong curvature
	.006	.012	.026/.031 sag	3/5/75	grain parallel
#2 new	1 ply – no wood edging. 1/4" larger bowl – small chips				reverse curve of waist
	.013/.015 sag	.027/.031 sag	.050/.065 sag	3/5/75	grain parallel
	rough type measurements				
#1 new	2 ply – no wood edging. 1/4" larger bowl – small chips				medium curve
	.006	.012	.025/.026 sag	3/5/75	grain parallel
#13	2 ply with 1/8" wood edging. 3/8" larger bowl – small chips				medium curve
	.005	.010	.019/.023 sag	3/5/75	grain perpendicular
	.005	.010	.019/.023	3/1/75	
#2 old	2 ply, 1/8" edge filled with wood chips, 3/8" larger bowl (.687"h x .500"w)				strong curve
	.002	.004	.008	3/5/75	grain on bias
	.005	.011	.022	2/19/75	
#3 old	2 ply, no chips, 1/4" radius (.625"h x .500"w)				strong curve
	.006	.012	.024	3/5/75	grain on bias
	.008	.017	.034	2/19/75	
#13a	3 ply with 1/8" wood edging. 3/8" larger bowl – small chips				strong curve
	.002	.005	.010	3/5/75	grain perpendicular
	.003	.008	.015	3/1/75	
#13b	4 ply with 1/8" wood edging. 3/8" larger bowl – small chips				medium curve
	.002	.005	.011	3/5/74	grain perpendicular
	.002	.005	.010	3/1/75	

G-19 has this

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RIM STRENGTH TEST

3/5/75

Rims with no rope pattern and 1/4" radius.

#8	2 ply, no fill, 1/4" radius, joggled (.687"h x 1/2"w)				strong curve
	.007	.015	.031	3/5/75	grain on bias
	.010	.021	.041	2/19/75	
#11	3 ply, wood chips, 1/4" radius (large inside radius), filled about .040" (not .060" as we had in #18) (.687"h x .500"w). Note #18 is 2 ply. (edge of bowl unglued)				medium curve
	.005	.012	.023	3/5/75	grain parallel
	.003	.007	.014	2/19/75	
#4	3 ply, no chips, 1/4" radius, no joggle, no filling (.750"h x .500"w)				strong curve
	.005	.012	.025	3/5/75	grain on bias
	.007	.015	.030	2/19/75	
#7	3 ply, resin rich, outside at top, 1/4" radius, joggled (.625"h x .500"w)				strong curve
	.004	.009	.020	3/5/75	grain on bias
	.004	.011	.024	2/19/75	
#5	4 ply, resin rich outside at top, 1/4" radius, joggled (.687"h x .500"w)				strong curve
	.003	.007	.015	3/5/75	grain on bias
	.005	.010	.021	2/19/75	

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RIM STRENGTH TEST

3/5/75

Rims of the Ovation type – tops of carbon graphite.

#6	3 ply, no rope, sharp radius (3/8" top and 1/2" side bond), 1/8" above bowl like #17. (.625"h x .375"w)				strong curve grain on bias
	.003	.008	.018	3/5/75	
	.004	.009	.020	2/19/75	
#12	Ovation, 3/8" x 5/8" shelf, top and bowl butt together, no purfling				strong curve grain perpendicular
	bond on top broken	no readings on	———————	3/5/75	
	.001	.002	.004	2/19/75	
#14	Roving				strong curve grain parallel
	.004	.008	.017		
	define further				
#9	Roving not cloth, .062" thick like #2, top .090 above bowl (.625"h x .375"w) (1/4" top bond / 1/2" bowl bond)				medium curve grain almost parallel
	.010	.021/.023 sag	.040/.050 sag	3/5/75	
	.010	.020	.041 sags	2/19/75	

3/6/75
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RIM STRENGTH TEST 3/5/75

Rims from Ovation with spruce tops and purfling.

#1 (old #7) "Old production" roving — purfling, spruce top broke — strong curve

no reading			3/5/75	grain parallel
.002	.00475	.010	2/28/75	

#2 (old #6) "Old production" roving — purfling — strong curve

.001	.003	.006	3/5/75	grain parallel
.001	.0025	.0065	2/28/75	

#3 (old #5) "New production" 3/8" x 5/8" block — purfling — strong curve

.000	.001	.003–	3/5/75	grain parallel
.001	.0045	.013 sags	2/28/75	

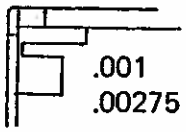
#4(old #4) "New production" 3/8" x 5/8" block purfling, top movement only — strong curve

.003	.006	.013/.014	3/5/75	grain parallel
.003	.008	.018	2/28/75	

#5 (——) "Production" 90° – 3/8" x 5/8" block, purfling — medium curve

.000	.000	.001–	3/5/75	grain perpendicular

#6 (old #3) "1/32" routed 1/32" from bowl — medium curve



.001–	.001	.003	3/5/75	grain on bias
.00125	.00275	.006	2/28/75	

#7 (——)"1/32" routed as above "90°" — medium curve

.000	.001	.003	3/5/75	grain perpendicular

removed excess material → .001 .0015 .0032 3/7/75

#8 (old #2) 1/16" same type routing — strong curve

.001–	.002	.009	3/5/75	grain parallel
.001	.002	.005	2/28/75	

#9 (——)"1/16/", 90°, same type routing — medium curve

.000	.001	.003	3/5/75	grain perpendicular

#10 (old #1) 1/8" same type routing — strong curve

.001	.003	.007	3/5/75	grain parallel
.001	.002	.004	2/28/75	

#11 (——) 1/8" same type routing, "90°" — medium curve

.000	.000	.001+	3/5/75	grain perpendicular

3/6/75
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