

Kayak Comparative Heeling Data

Type - Sub-type

(when the Righting Moment at Degrees of Heel turns negative, the kayak is unstable)

Collection No.	Length	Beam	Weight	Cockpits	Disp To Sheer	Hull Speed	Hull Area	Degrees Final	Righting Moment at Degrees of Heel									
									1	10	20	30	40	50	60	70		
Koryak -																		
MAE 956-49	258.5	72	15	1	114.3	3.5			0.4	2	1.3	-0.4						
AMNH 70/3358	281	75.1		1	128.9	3.5			0.4	1.4	-2							
MEP 11413 D	322.5	71	19.15	1	235.5	3.8			0.4	2.1	3.3	3.2	1.2	-1.9				
Chukchi/Asiatic Eskimo - Inland Chukchi																		
MEP 2083-61 a	489.5	49.4	12	1	114.3	3.5			0.4	2	1.3	-0.4						
Chukchi/Asiatic Eskimo - Martime Chukchi																		
EMS 1880.4.1255	462.7	62.7		1	316.7	4.6			0.04	0.4	0.8	0.7	0.9	-0.5				
Aleut - One-Hole																		
BM PE.10 (Brand survey)	528.3	49.5		1	292.2	5			0.02	0.2	-1.1							
USNM 76282	539.7	50.8	15	1	300.8	4.9			0.04	0.4	0.9	0.8	-0.5					
MAE 593-76	581.4	43.4	20	1	251.5	5.2			-0.04									
LM 2/14886	509.5	51.7	12	1	275.2	4.9	22		3.5	0.03	0.3	0.4	-0.6					
Aleut - Two-Hole																		
USNM 160336	627.4	55.9	16	1	444.5	5.5			0.1	0.7	1.1	-1.4						
Koniag - One-Hole																		
DNM lb 160	435	63		1	279.4	4.6			0.3	2.5	4.7	6	5.1	3	-1.1			
Koniag - Two-Hole																		
WSHS (A & C, FIG. 179)	596.3	74.9		2	477.5	5.3			0.8	8	13.2	12.1	7.2	0.5	-7			
Koniag - Three-Hole																		
MAE 536-24	807	78.4		3	844	5.9			0.81	7.23	12.76	11.64	7.58	0.11	-5.53			
Bristol Bay -																		
USNM 76285	459.7	73.7		1	315.6	4.7			0.3	2.5	5.2	4.9	2.6	-1.7				
Nunivak Island -																		
USNM 160341	455.9	76.2		1	346.9	4.5			0.3	3.1	6.4	5.3	2.2	-0.9				
CMC IV-E-1071	460.7	78	25	1	370.1	4.6	45		0.2	1.6	3.5	3.1	1.4	-21.3				