

## AEROSPACE & ROCKETRY Water Rocket Launcher



Criteria	Points Possible	Points Deducted	Comments
General Appearance - Clean or painted	20		
Horizontal Launch Base - Base is minimum of 2 sq. ft Length to tire value stem from verticle launch tube is 4 ft. minimum	30		
Verticle Land Tube - must be minimum of 4 inches, maximum of 12 inches	15		
Fitting - all tight and taped or sealed  Safety Gauge - not necessary on friction type  Maximum - 100 PSI for lock down types	20		
Member Knowledge (information found on entry card or by interview judging)	15		
TOTAL	100		

**Circle Appropriate Ribbon Placing** 

Purple	Blue	Red	White	
(100-90)	(89-80)	(79-70)	(69 & below)	

SDSU Extension is an equal opportunity provider and employer in accordance with the nondiscrimination policies of South Dakota State University, the South Dakota Board of Regents and the United States Department of Agriculture. Learn more at <a href="mailto:extension.sdstate.edu">extension.sdstate.edu</a>. © 2022, South Dakota Board of Regents

02-03-02-02

Judge's Initials



## SOUTH DAKOTA STATE UNIVERSITY EXTENSION

## AEROSPACE & ROCKETRY Water Rocket Launcher



Criteria	Points Possible	Points Deducted	Comments
General Appearance - Clean or painted	20		
Horizontal Launch Base - Base is minimum of 2 sq. ft Length to tire value stem from verticle launch tube is 4 ft. minimum	30		
Verticle Land Tube - must be minimum of 4 inches, maximum of 12 inches	15		
Fitting - all tight and taped or sealed			
Safety Gauge - not necessary on friction type	20		
Maximum - 100 PSI for lock down types			
Member Knowledge (information found on entry card or by interview judging)	15		
TOTAL	100		

**Circle Appropriate Ribbon Placing** 

Purple	Blue	Red	White
(100-90)	(89-80)	(79-70)	(69 & below)

Judge's Initials

SDSU Extension is an equal opportunity provider and employer in accordance with the nondiscrimination policies of South Dakota State University, the South Dakota Board of Regents and the United States Department of Agriculture. Learn more at <a href="mailto:extension.sdstate.edu">extension.sdstate.edu</a>. © 2022, South Dakota Board of Regents