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2017 Maryland Wood Bridge Challenge – Saturday, February 04

REGISTRATION TABLE:

Student's Full Name _____

Teacher's Name, E-Mail _____

High School, County _____

SPECIFICATIONS TABLES:

Materials (3/32 in. *basswood*, adhesive)	1	2	3	4	5	6	7	8
Minimum Span (300. mm)								
Maximum Length (400. mm)								
Maximum Width (80. mm)								
Maximum Height (150. mm)								
Minimum Vertical Clearance (20. mm)								
No Structure Below Support Surface								
Loading Plane Height (30. to 40. mm)	1	2	3	4	5	6	7	8
Loading Plane Horizontal								
2 Loading Positions (C + 20. mm, − 60. mm)								
Clear Width for Loading Rod (10. mm)								
Clearance for Rod to 70. mm Above Supports								
Horizontal Clearance for Load Plate (40. mm)								
Stable Support for Loading Plate (2 locations)								

MASS TABLE:

Maximum Mass (25.00g)								

Official Mass:

_____ g

Official Mass Held:

_____ lb

Official Efficiency:

_____ g/g