

Team #: _____ Referee: _____

Round: _____ Table: _____



(please circle one selection for each item)

①	M01 – SPACE TRAVEL <i>(For each roll, cart must be independent by the time it reaches first track connection)</i>				
	Vehicle Payload rolled past first track connection	No	Yes		
	Supply Payload rolled past first track connection	No	Yes		
	Crew Payload rolled past first track connection	No	Yes		
②	M02 – SOLAR PANEL ARRAY				
	Both Solar Panels are angled toward the same Field Your Solar Panel is angled to other team's Field	No	Yes		
③	M03 – 3D PRINTING				
	2x4 Brick is ejected <i>(due only to a Regolith Core Sample in the 3D Printer)</i>	No	Yes		
	2x4 Brick is completely in Northeast Planet Area	No	Yes		
④	M04 – CRATER CROSSING				
	All weight-bearing features of crossing equipment crossed completely between towers All crossing equipment crossed from east to west, completely past flattened Gate	No	Yes		
⑤	M05 – EXTRACTION				
	All four Core Samples no longer touching axle of Core Site Model	No	Yes		
	OR	Gas Core Sample touching Mat & completely in Lander's Target Circle	No	Yes	
		Gas Core Sample is completely in Base	No	Yes	
	Water Core Sample supported only by Food Growth Chamber	No	Yes		
⑥	M06 – SPACE STATION MODULE <i>(Inserted Modules must not touch anything except Habitation Hub)</i>				
	Cone Module is completely in Base	No	Yes		
	Tube Module is in west port of Habitation Hub	No	Yes		
	Dock Module is in east port of Habitation Hub	No	Yes		

⑦	M07 – SPACE WALK EMERGENCY							
	Astronaut "Gerhard" is in the Habitation Hub's Airlock Chamber:	No	Partly	Completely				
⑧	M08 – AEROBIC EXERCISE <i>(If Pointer is partly covering either grey or orange end borders, select that respective color)</i>							
	Exercise Pointer tip is in:	None	Gray	White	Orange			
	<i>(due only to moving one or both Handle Assemblies)</i>							
⑨	M09 – STRENGTH EXERCISE							
	Strength Bar lifted so that tooth-strip's 4th hole is at least partly in view	No	Yes					
⑩	M10 – FOOD PRODUCTION							
	Grey weight is dropped after green, but before tan <i>(due only to moving the Push Bar)</i>	No	Yes					
⑪	M11 – ESCAPE VELOCITY							
	Spacecraft stays up <i>(due only to pressing/hitting Strike Pad)</i>	No	Yes					
⑫	M12 – SATELLITE ORBITS							
	Satellites on or above the area between the two lines of Outer Orbit:	0	1	2	3			
⑬	M13 – OBSERVATORY <i>(If pointer is partly covering either gray or orange end borders, select that respective color)</i>							
	The Observatory pointer tip is in:	None	Gray	White	Orange			
⑭	M14 – METEOROID DEFLECTION <i>(The Meteoroid must cross from west of the Free-Line) (The Meteoroid must be completely independent between the hit/release and scoring position)</i>							
	Meteoroids touching the Mat and in the Center Section:	0	1	2				
	Meteoroids touching the Mat and in Either Side Section:	0	1	2				
⑮	M15 – LANDER TOUCH-DOWN							
	Lander is intact and touching the Mat	No	Yes					
	Lander is completely in:	None	Base	Northeast Planet Area	Target Circle			
	PENALTIES							
	Penalty discs in the southeast triangle	0	1	2	3	4	5	6
RETURN LOOSE ITEMS								
(1x) Supply Payload, (1x) Crew Payload, (1x) Vehicle Payload, (1x) Dock Module, (1x) Cone Module, (1x) Tube Module, (1x) Meteoroid Ring, (1x) Water Core Sample, (2x) Regolith Core Sample, (1x) Gas Core Sample, (1x) Satellite V, (1x) Satellite C, (1x) Satellite X, (1x) Astronaut "Gerhard", (2x) Lander Parts, (1x) 2x4 Brick, (6x) Penalty Discs, (1x) Meteoroid Ring, (2x) Meteoroids								

Team Initials: _____