

 MODEL ROCKET FLIGHT DATA SHEET	Name	
	Address	
	City	
	State/Prov	Zip/ Postal Code
Produced for use by clients of © 2005 Sunward Aerospace Group Limited.	Use one sheet for each Model Rocket. Four launches per flight	

MODEL ROCKET PREFLIGHT INFORMATION	
Rocket Name	Nose Cone Type
Rocket Number	Fin Type
Date Completed	# Fins
Rocket Type	Colour Scheme
# Stages	Empty Weight

Countdown Checklist*		
Parachute or Streamer Recovery	Featherweight, Break-apart, or Helicopter Recovery	Glide Recovery
Flight #1 Flight #2 Flight #3 Flight #4	Flight #1 Flight #2 Flight #3 Flight #4	Flight #1 Flight #2 Flight #3 Flight #4
<p>13) Pack flame resistant recovery wadding into the body tube. Insert the parachute or streamer</p> <p>12) Install the nose cone or payload section. Check condition of the payload (if any)</p> <p>11) If not equipped with an engine hook, apply masking tape to the engine(s) to achieve a tight friction fit in the body tube(s). Secure engine hook if used. When launching a multi-stage rocket, be sure that the engines are in their proper relative positions and that a layer of tape is wrapped tightly around each engine joint.</p> <p>10) Install an igniter in the engine. Insert igniter plug.</p> <p>9) Place the rocket on the launcher system. Clean and attach the clips.</p> <p>8) Check for continuity.</p> <p>7) Clear area and check for low-flying aircraft. Alert recovery crew and trackers.</p> <p>6) Insert the safety key in the launcher.</p> <p>5) Begin audible countdown.</p> <p>4)</p> <p>3)</p> <p>2)</p> <p>1)</p> <p>LAUNCH!</p>	<p>11) Fit the engine in the body tube carefully so the recovery system will function properly. Secure with engine hook, if used.</p> <p>10) Install an igniter in the engine. Insert igniter plug.</p> <p>9) Place the model rocket on the launcher system. Clean and attach clips.</p> <p>8) Check for continuity.</p> <p>7) Clear area and check for low-flying aircraft. Alert recovery crew and trackers.</p> <p>6) Insert the safety key in the launcher.</p> <p>5) Begin audible countdown.</p> <p>4)</p> <p>3)</p> <p>2)</p> <p>1)</p> <p>LAUNCH!</p>	<p>13) Check booster recovery system, if separate from glider</p> <p>12) Set Trim adjustments for desired flight path and for existing weather conditions.</p> <p>11) Check engine for proper fit in the body tube. Secure with engine hook, if used.</p> <p>10) Install an igniter in the engine. Insert igniter plug.</p> <p>9) Place the model rocket on the launcher system. Clean and attach clips.</p> <p>8) Check for continuity.</p> <p>7) Clear area and check for low-flying aircraft. Alert recovery crew and trackers.</p> <p>6) Insert the safety key in the launcher.</p> <p>5) Begin audible countdown.</p> <p>4)</p> <p>3)</p> <p>2)</p> <p>1)</p> <p>LAUNCH!</p>
<p>*Helicopter recovery many use any of the three checklists. Check instructions included with model rockets. Rockets with Baffle systems need to be checked where recovery wadding is listed.</p> <p>Copies available for download at: www.sunward1.com</p>		

LAUNCH				
	Flight #1	Flight #2	Flight #3	Flight #4
Date				
Location				
Payload	Description			
	Weight			
Recovery System	Type			
	Colour			
Engines: # of & Type	1 st Stage			
	2 nd Stage			
	3 rd Stage			
Total Weight				
Method of Launch				
Launch Angle				
Predicted Altitude				

WEATHER				
Wind Direction				
Wind Velocity				
Humidity				
Temperature				
Visibility				
Remarks				

FLIGHT DATA				
Estimated Altitude				
Tracking Information				
Computed Altitude				
Flight Duration				
Stability Information				
Flight Performance				