Model Rocket
Flight Data Sheet

Use one Flight Data Sheet for each model rocket. Four flights of the rocket may be recorded on each sheet.

Name_____   Address_____

Preflight

Rocket Name_____   Nose Cone Type_____

Rocket Number_____   Fin Type_____

Date Completed_____   No. of Fins_____

Type of Rocket_____   Color Scheme_____

_____   _____

No. of Stages_____   Weight Empty_____

Countdown Checklist

Flight #1	Flight #2	Flight #3	Flight #4	**Featherweight or Tumble**	Flight #1	Flight #2	Flight #3	Flight #4	**Boost-Glide**	Flight #1	Flight #2	Flight #3	Flight #4	**Parachute or Streamer**
☐	☐	☐	☐	10) Fit the engine in the body tube carefully so that the recovery system will function properly.	☐	☐	☐	☐	12) Check payload section (if used) and slide it into position.	☐	☐	☐	☐	12) Pack flameproof recovery wadding into the body tube. Insert the parachute or streamer.
☐	☐	☐	☐	9) Install a nichrome igniter in the engine.	☐	☐	☐	☐	11) Set trim adjustments for desired flight path and for existing weather conditions.	☐	☐	☐	☐	11) Install the nose cone or payload section. Check condition of the payload (if any).
☐	☐	☐	☐	8) Place the rocket on the launcher. Clean and attach the microclips.	☐	☐	☐	☐	10) Check engine for proper fit in body tube.	☐	☐	☐	☐	10) Apply enough masking tape to the engine(s) for a tight friction fit in the body tube(s). When launching a multi-stage rocket be sure that the engines are in their proper relative positions and that a layer of cellophane tape is wrapped tightly around each engine joint.
☐	☐	☐	☐	7) Clear the area, check for low flying aircraft, alert recovery crew and trackers.	☐	☐	☐	☐	9) Install a nichrome igniter in the engine.					
☐	☐	☐	☐	6) Arm the launch panel.	☐	☐	☐	☐	8) Place the rocket on the launcher. Clean and attach the microclips.	☐	☐	☐	☐	9) Install a nichrome igniter in the engine.
☐	☐	☐	☐	5)	☐	☐	☐	☐	7) Clear the area, check for low flying aircraft, alert recovery crew and trackers.	☐	☐	☐	☐	8) Place the rocket on the launcher. Clean and attach the microclips.
☐	☐	☐	☐	4)	☐	☐	☐	☐	6) Arm the launch panel.	☐	☐	☐	☐	7) Clear the area, check for low flying aircraft, alert recovery crew and trackers.
☐	☐	☐	☐	3)	☐	☐	☐	☐	5)	☐	☐	☐	☐	6) Arm the launch panel.
☐	☐	☐	☐	2)	☐	☐	☐	☐	4)	☐	☐	☐	☐	5)
☐	☐	☐	☐	1)	☐	☐	☐	☐	3)	☐	☐	☐	☐	4)
☐	☐	☐	☐	LAUNCH!	☐	☐	☐	☐	2)	☐	☐	☐	☐	3)
					☐	☐	☐	☐	1)	☐	☐	☐	☐	2)
					☐	☐	☐	☐	LAUNCH!	☐	☐	☐	☐	1)
										☐	☐	☐	☐	LAUNCH!

Launch

	Flight #1	Flight #2	Flight #3	Flight #4
Flight Number				
Date of Launch				
Launch Location				
Payload	Description			
	Weight			
Recovery System	Type			
	Color			
Engines No. of / Type	1st Stage			
	2nd Stage			
	3rd Stage			
Total Weight				
Method of Launch				
Launch Angle				
Remarks				

Weather

	Flight #1	Flight #2	Flight #3	Flight #4
Wind Direction				
Wind Velocity				
Humidity				
Temperature				
Visibility				
Remarks				

Flight Data

	Flight #1	Flight #2	Flight #3	Flight #4
Altitude Tracking Information	Estimated			
	Computed Alt.			
Flight Duration				
Stability Information				
Flight Performance				