

Project or Team Name:	School Name(s):	Team ID:
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Flight Card

IREC Category and Predicted Apogee for Barrowman Award: *(strikethrough all if not applicable)*

10kCOTS	30kCOTS	10kSRAD(S)	30kSRAD(S)	10kSRAD(L)	30kSRAD(L)
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Predicted Apogee for Barrowman Award: *(ft AGL)*

Propulsion Type and Thrust Class:

Use a new line for each rocket motor/engine. COTS designations must include the manufacturer name. Continue list or provide supplemental information as necessary in the Nominal Mission Events block. Strikethrough any unused lines.

Stage	COTS Designation or SRAD Type and Propellant Description	Class	Total Impulse (Ns)

Nominal Mission Events:

Provide the LCO a brief description of the sequence of events he/she is likely to observe from liftoff to landing, assuming all systems work as planned. These will assist in verifying if a nominal launch has occurred.

Mission Description:

Provide a brief description of this flights objectives and goals you would like event participants to hear. The LCO will read this information over giant voice and public address systems after identifying the team.

Signatures:

Both the LCO (or representative) and flier must acknowledge issuance of the flight card and completion of the LCO Inspection. Upon completion, the team will name their launch operations lead - who will be present to launch the rocket - and the LCO will either assign a pad or indicate if one is being provided.

Acknowledgement of Flight Card Issuance:

Official:	Flier:	Date & Time:
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Acknowledgement of LCO Inspection Completion:

Official:	Flier	Date & Time:
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Team Launch Operations Lead: <i>(Please Print Legibly)</i>	Pad Assignment:
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Important: No flier will receive a flight card without beginning an FSR. Verify the flier began an FSR - as evidenced by an FSR Resolution Form before issuing this Flight card.

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Post Flight Record

LCO Description of Launch Attempt:

The LCO (or representative) will make a brief record on the results of the launch attempt – as were visible from Launch Control. A "pad abort" is recorded once a rocket is forced to return to the rocket assy. area without achieving ignition.

Pad Abort	CATO	Ascent Breakup	Successful Boost	Other
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Additional Comments: (Required if "Other")

Recovery Personnel Information:

After the launch attempt, the student team will report to the Mission Control Center. No more than 4 personnel per 100 lb of rocket being recovered will be permitted on the recovery team. Strikethrough any unused lines. Strikethrough section if no recovery attempt will be made.

Name: (Please Print Legibly)

1		5	
2		6	
3		7	
4		8	

Flight Performance:

The flier will report the apogee (in ft AGL) recorded by the official altitude logging system described in Section 2.5 of the IREC Rules & Req. Doc (if still functioning). The flier may also report telemetric apogee data (if available), however; such data will only be accepted in accordance with Sections 2.5 and 2.7.1.4 of the IREC Rules & Req. Doc. Finally, a competition official will determine if the rocket is "excessively damaged" in accordance with Section 2.7.1.4 and Appendix A of the IREC Rules & Req. Doc.

Measured Apogee as reported by on-board official altitude logging system: (strikethrough if unavailable)

Measured Apogee as reported by telemetric data: (strikethrough if unavailable)

Is damage excessive: (strikethrough if recovery personnel cannot locate the rocket)

Yes No

Additional Comments:

Signatures:

The Mission Control Officer (or representative) and departing personnel must acknowledge when the recovery team left in search of the rocket and when they returned. This also provides accountability for the radio pack (if one is issued). Teams may be charged up to \$1000 if the recovery pack is either lost, returned damaged or destroyed.

Acknowledgment of Recovery Team Departure:

Official:	Flier:	Date & Time:
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Acknowledgment of Recovery Team Return:

Official:	Flier:	Date & Time:
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Radio Information:

Radio #:	Issued Condition:	Returned Condition:
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