

Page 16: Inserted	Ryan Raglin	11/2/2016 12:57:00 PM
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If

□

Page 16: Inserted	Ryan Raglin	11/2/2016 12:57:00 PM
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could be

□

Page 16: Inserted	Ryan Raglin	11/3/2016 11:52:00 AM
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hecklist

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and

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Page 17: Inserted	Ryan Raglin	11/2/2016 12:59:00 PM
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/amount of damage done

Page 17: Inserted	Ryan Raglin	11/2/2016 1:00:00 PM
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/medium

Page 17: Deleted	Ryan Raglin	11/2/2016 1:00:00 PM
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Page 17: Deleted	Ryan Raglin	11/3/2016 11:01:00 AM
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Rocket lands

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in a tree

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Medium

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(moved this to enviornmental)

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Difficult to retrieve, members are hurt

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Make sure area near launch has few to no trees

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/medium

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/medium

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-Medium

Page 18: Inserted

Ryan Raglin

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/medium

Page 18: Inserted

Ryan Raglin

11/2/2016 3:57:00 PM

/medium

Page 18: Inserted

Ryan Raglin

11/2/2016 3:57:00 PM

/low-medium

Page 18: Inserted

Ryan Raglin

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/low-medium

Page 18: Inserted

Ryan Raglin

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/low

Page 18: Inserted

Ryan Raglin

11/2/2016 3:57:00 PM

/high

Page 19: Inserted

Ryan Raglin

11/2/2016 3:57:00 PM

/low-medium

Page 19: Inserted

Ryan Raglin

11/2/2016 3:58:00 PM

/low

Page 19: Inserted Ryan Raglin 11/2/2016 3:58:00 PM

/low

Page 19: Inserted Ryan Raglin 11/2/2016 3:58:00 PM

/low

Page 19: Inserted Ryan Raglin 11/2/2016 3:58:00 PM

/high

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/low-medium

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Environmental Failures

Rocket cannot be Found after landing	Low/low-medium	Wild animals could attempt to eat part of	Use GPS location in the rocket and look
		the rocket, harming themselves	closely for any parts that may have come off
Rocket lands in tree	Medium/low	Difficult to retrieve, members are hurt attempting to recover the rocket	Make sure area near launch site has few trees

Parachute tears on something during landing	Low/medium	Have to replace or repair the parachute	Make sure area is open so this is less likely to happen, buy a stronger parachute that won't tear much
Motor and fins malfunction and the rocket shoots into a group of trees	Minimallow/medium-high	Could cause a small fire and destroy the rocket	Make sure that all the fins and the motor are correctly set

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/low

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/low

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/medium

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CHECKLIST OF FINAL ASSEMBLY AND LAUNCH PROCEDURES FINAL ASSEMBLY

LAUNCH

- Pick a launch site as far away from power lines, trees, and buildings as possible so it is easier to recover the rocket

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- Place the launch pad in the center of the area on firm stable ground and keep spectators at least 30 feet back
 - Make sure that the launch pad, controller, and rocket engine have no defects or damages
 - Insert the wadding and the recovery system into the rocket from the top, install the igniter into the engine then put the engine in the engine mount
 - Get back a safe distance and use the launch key then start a countdown, when you say zero hit the button
 - If the rocket doesn't launch when you press it wait at least a minute before going up to it