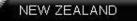
6th IYNT, Tbilisi, Georgia, 2018



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22. Montgolfière Review

Lydia Acton New Zealand 2018

6th IYNT, Tbilisi, Georgia, 2018



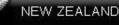
The Problem

To heat air for a simple hot air balloon, one can even use a heater. Build such a buoyant. Explain the results for your experiments and determine important parameters.



The Report

- Equipment
- Built simple air balloon
- Floating conditions
 Equation
- Didn't explained theory behind hot air balloon
- Found parameters
- Explained parameters
- Made conclusions



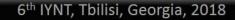
The opposition

- They experimented
- Explained phenomena
- Didn't determine parameters

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Points discussed

NEW ZEALAND





Pictures

Opponent

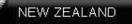
 Can you explain what happened?

Reporter

We filled it with steam

Our opinion: agree with opponent that pictures were confusing and reporter did not explain them well





Results

Opponent

- What results did you get?
- Did you get actual results?

Reporter

• Listed conclusions

• No

Our opinion Agree with opponent, the reporter should have included results



Points missed

- Didn't explain how an air balloon works
- Didn't explain why hot air rises
- Didn't use a heater used boiler

