Student _____ **Topic/Issue** _____

ALERT High Flight Checklist for Research Infographics

Infographics and Artifacts	Ground School	Going for Altitude	Full Throttle!	Afterburner!
DATA **Reliable collection, clear methods**	● I'm not clear about data I have collected ● I have very few samples in my data set ● I have not displayed the data using a table or chart that makes it easy to notice and understand patterns	● I have a good set of data that I can divide into categories or show change over time ● I selected a chart or table that shows patterns in the data	● My data set and categories are clearly defined ● The type of table or chart is the best match for the type of data I have.	● I know my data well and can discuss details about how it was collected ● I can describe how I decided to use a specific type of table or chart, and the advantages it offers
DESIGN **Appearance, contrast, readability**	● The data is on a table or chart ● The image is difficult to view because of color combinations or size decisions ● The numbers or words are difficult to interpret	● The table or chart is clearly displayed ● The color or size of the image allows viewers to make comparisons ● The numbers or words are legible	● The table or chart is pleasant to look at ● The color or size of the image helps viewers make comparisons ● The numbers or words are easily readable	● The table or chart has an artistic quality ● The colors and shapes used enhance the experience ● The numbers and words have excellent readability
STORY **Communicates a message**	● It is not clear why this data was measured for this project ● The presentation or text is vague about the importance of the data	● There is a link or correlation between the topic and the data ● This data is a good way to show cause and effect between variables ● The chart or table provides clues about what may cause the changes or lack of change in the data	● The topic and the data are clearly related ● The data and display illustrates cause and effect between variables ● The chart or table shows some patterns of change or stability over time or in different conditions	● The data displayed is a strong support to the speaker's message ● The chart or table can "tell" the story ● The chart or table shows clear patterns of change or stability over time or in different conditions
SOURCES **Identifies information for further investigation, thanks others (authors, classmates, teachers) for help**	● Identifies only search engines--"Google," "DISCUS," OR ● Has no identified sources	● Has 1 clearly-identified source of information or image credit ● Uses title & author specific web address	● Has 2 clearly-identified sources of information or images ● Uses academic expectations (author, title, location/publisher, date).	● Provides 3 or more well-identified sources from a variety of different media; ● Annotated: Identifies what came from which source
Observations, Appreciations, Challenges, and Suggestions on the other side.				