The Future of Aerospace - Cadet-led Presentation Criteria

This document contains the criteria for a presentation on the future of aerospace, as it is to be led by cadets

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* Who should present?

 The aerospace NCO or officer. If these positions are not filled, a staff sergeant may also give the presentation.

* How should this be presented?

A slideshow presentation would be best, using a program such as Google Slides or PowerPoint.

* The structure of the presentation

 One of the simplest ways to explain where aerospace is going is to understand where it has been. Therefore, splitting this presentation up into three sections: past, present, and future, would be beneficial.

 Because the primary focus is the future of aerospace, that section should be the longest. Assuming 20-30 slides for the presentation, the order should be as follows:

 Past of Aerospace: 3-5 slides

 Present Aerospace: 6-10 slides

 Future of Aerospace: 11-15 slides

 Since the Future of Aerospace section is so long, it would be reasonable to split it up into several parts, focusing on subsonic aircraft, supersonic aircraft, and space travel, respectively. How the section is split up should be left to the individual squadrons.

After each section, a quiz or activity may be included to test the cadets on their knowledge.

At the end of the presentation, a final Kahoot can also be given to test on overall knowledge.

* Other requirements

 The presenter should encourage questions and discussion during the presentation.

 Use videos and diagrams to engage the participants.

* General Topic Ideas

 [https://interestingengineering.com/aerospace-engineering-the-current-state-and-the-future-prospects#:~:text=With%20advances%20in%20space%20exploration,of%20aerospace%20engineering%20is%20promising. HYPERLINK "https://interestingengineering.com/aerospace-engineering-the-current-state-and-the-future-prospects#:~:text=With%20advances%20in%20space%20exploration,of%20aerospace%20engineering%20is%20promising.&text=Aerospace%20engineering%20is%20a%20trade,spacecraft%20and%20their%20related%20technologies"& HYPERLINK "https://interestingengineering.com/aerospace-engineering-the-current-state-and-the-future-prospects#:~:text=With%20advances%20in%20space%20exploration,of%20aerospace%20engineering%20is%20promising.&text=Aerospace%20engineering%20is%20a%20trade,spacecraft%20and%20their%20related%20technologies"text=Aerospace%20engineering%20is%20a%20trade,spacecraft%20and%20their%20related%20technologies](https://interestingengineering.com/aerospace-engineering-the-current-state-and-the-future-prospects#:~:text=With%20advances%20in%20space%20exploration,of%20aerospace%20engineering%20is%20promising.&text=Aerospace%20engineering%20is%20a%20trade,spacecraft%20and%20their%20related%20technologies).

<https://www.britannica.com/technology/aerospace-industry/History>

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