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| **NTSB Transport Accident Reports** |

Introduction

In order for aerospace advancements to occur, accidents and incidents must be reported and reviewed by the industry. This process allows for improvements related to operations, maintenance, training, and design. The National Transportation Safety Board (NTSB) has been investigating aviation accidents and incidents within the United States and has made available to the public its database of accident and incident reports dating back to 1962.

In this activity you will investigate incidents and accidents relating to a specific transport aircraft of your choosing.

Equipment

* Notebook
* Pencil
* Computer with Internet access
* Presentation software – PowerPoint, video editing, etc.

Procedure

To gain understanding and insight into the operation of aircraft, you will investigate accidents and/or incident of your choosing.

1. Select an aircraft accident to investigate. Fill in the aircraft information below.

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| --- | --- |
| Aircraft Information | |
| Make/model |  |
| Max range |  |
| Engine type and number |  |
| Max cruise speed |  |
| Takeoff distance |  |
| Number of passengers |  |
| Weight |  |
| Price |  |
|  |  |

1. Utilize the FAA Lessons Learned from Transport Aircraft at <http://lessonslearned.faa.gov/index.cfm>

**List the Title of the Aircraft Accident**:

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1. Create a five to ten minute multimedia presentation outlining your investigation. The presentation should include:
   1. Title slide with team member names
   2. Information regarding the aircraft
   3. Accident overview
   4. Accident board findings
   5. Accident board recommendations
   6. Key safety issues
   7. Any regulatory and/or policy changes and lessons learned.

Be sure to include pictures, videos, or sound recordings.

**Conclusion**

1. Why is it important to be informed about aircraft accidents and incidents?
2. Explain how your selected aircraft accident and incident findings can improve aircraft design and/or pilot training.