#### Official and Technical investigation: The Role of the National Transportation Safety Board (NTSB)

Robert Sumwalt, NTSB Chairman, 2017-2021

Executive Director, Boeing Center for Aviation & Aerospace Safety

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Seminario

Los modelos de investigación de accidentes e incidentes en los modos del transporte: profesionales, operadores, administración, usuarios y víctimas 4 y 5 de mayo – Congreso de los Diputados

























### The Board







### **NTSB Response Operations Center**





Boeing Center for Aviation & EMIELRY-RIDDLE Aerospace Safety Aeronautical University

### Situation Room







## Labs















Boeing Center for Aviation & EMBRY-RIDDLE Aerospace Safety Aeronautical University









In 1967, US Congress created an independent NTSB within the newly formed Department of Transportation (DOT) and expanded the NTSB's authority to include all modes of transportation.

# April 1, 1967

- US Department of Transportation (DOT) Formed
  - Federal Aviation Administration
  - Federal Highway Administration
  - Federal Railroad Administration
  - NTSB

The law stated that NTSB would be an "independent government agency, located within the DOT, to promote transportation safety by conducting independent accident investigations..."



Is there a possible conflict here?





#### Independence

The NTSB reports directly to Congress.

The NTSB has no regulatory authority.

#### Independence

"Proper conduct of the responsibilities assigned to this Board requires vigorous investigation of accidents involving transportation modes regulated by other agencies of government; demands continual review, appraisal, and assessment of the operating practices and regulations of all such agencies or its officials;...

#### Independence

... and calls for the making of conclusions and recommendations that may be critical of or adverse to any such agency or its officials.

No federal agency can perform such functions unless it is totally separate and independent from any other department, bureau, commission, or agency of the United States."





- "The accident investigation authority must be strictly objective and totally impartial and must also be perceived to be so."
- "It should be established in such a way that it can withstand political or other interference or pressure."
  - ICAO Doc 9756, Part 1 "Organizing and Planning," Paragraph 2.1.2



# ICAO Guidance



- "Many States have achieved this objective by setting up their accident investigation authority as an independent statutory body or by establishing an accident investigation organization that is separate from the civil aviation administration."
- "In these States, the accident investigation authority reports direct to Congress, Parliament or a ministerial level of government."
  - ICAO Doc 9756, Part 1 "Organizing and Planning," Paragraph 2.1.2



# What are challenges to independence?

- Special interest groups
- Public and political pressures
- Internet blogs
- 24-hour news services





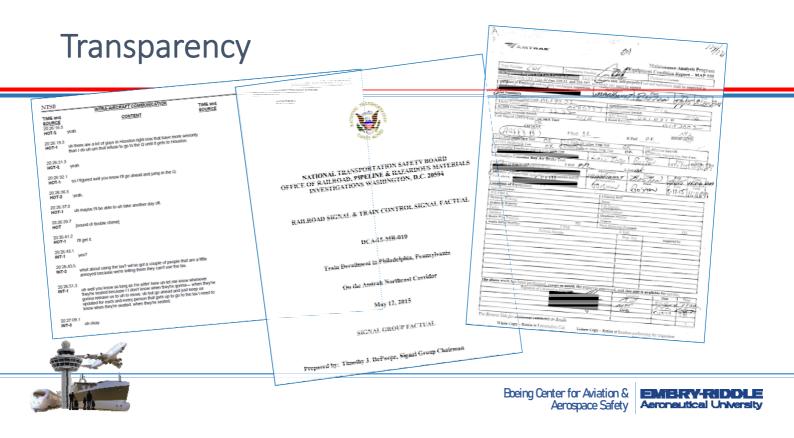




## Transparency













### Credibility

- We all seek credibility
- How do we achieve it?
- Credibility is built with independence



Independence relates to credibility







