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Cadet Chapel Repair Project

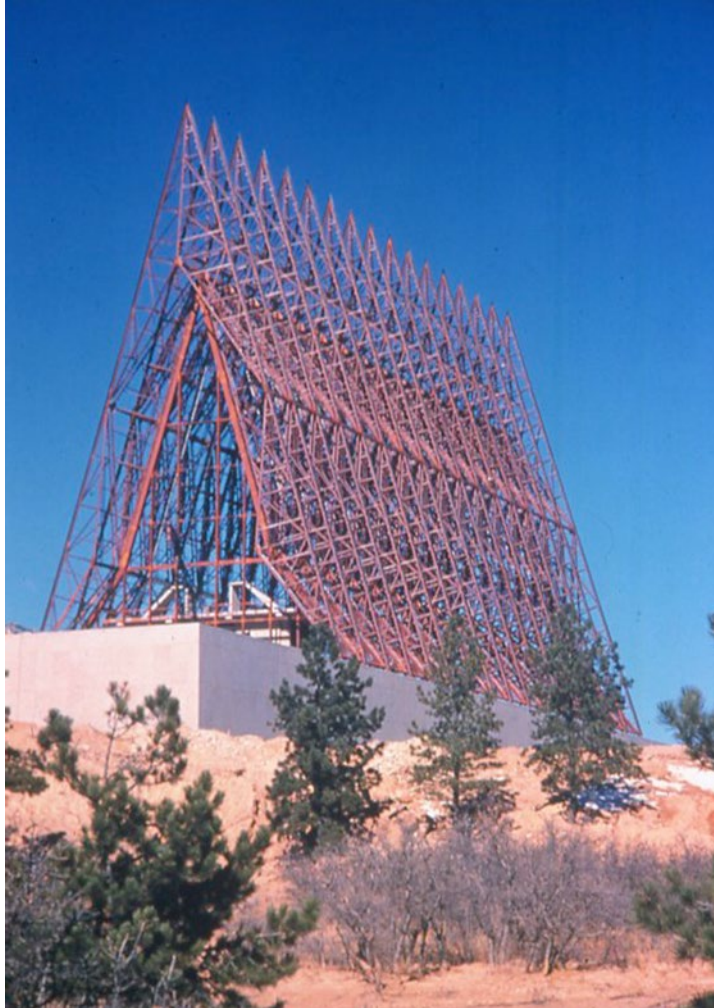
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Civil Engineer PM
USAFA HQ/A4
27 Jul 21

Cadet Chapel History

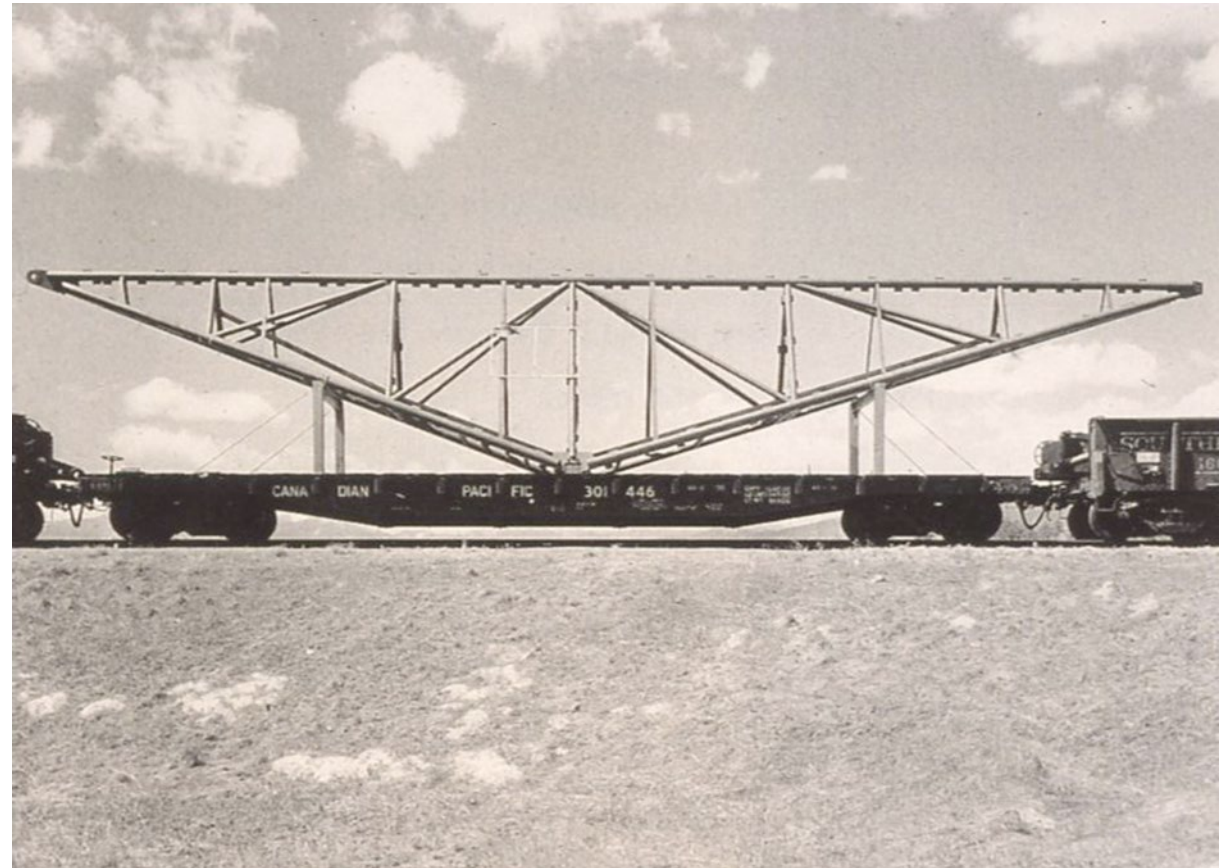


- Architect: Walter Netsch
- Completed: 1962
- Dedicated: 1963
- Colorado's number one man made visitor attraction: over 1 Million/yr
- National Historic Landmark: 2004

Cadet Chapel History



- Structure: 100 tetrahedrons



- Original intent was 21 spires to create a more cathedral like proportion
- Due to budget constraints it dropped from 21, to 19, and finally to 17 spires





- **Repair/restore the Cadet Chapel**
 - **Eliminate all leaks**
 - Replacing the exterior aluminum cladding and stained glass
 - **Interior finishes**
 - Acoustic plaster/aluminum
 - Replication of glass end walls
 - Repair of damaged organ and pews

Project scope and impacts



- **Project cost: Approx. \$158M**
- **Project duration: Approx. 4 years**
- **Impacts**
 - **Visitors**
 - **Religious gatherings**
 - **Cadets experience**
- **Highly intricate design**

Thank you!

