



NASA CARA

Air Traffic Control *in Spaaaaaaaaaace*

A.C.

August 26, 2023



Outline

CARA Mission

- Mission Statement

- Consequence

- Challenges

Conjunction Identification

- Conjunction Identification

Conjunction Analysis

- Probability of Collision



The CARA Mission

Cost



Kepler Syndrome

Non-Ideal Orbits

Drag

Maneuver



Tidal Forces



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References and Additional Materials

- ▶ The source for this presentation is hosted at <https://github.com/alan-christopher/cara-edu>.



Questions?