

FORMULA STUDENT ALPE ADRIA

DEEP DIVE TOPIC

2024





DEEP DIVE TOPIC 2024

Cowmedy Moovie

You just had the weirdest meeting ever. A mysterious company called *Alpine Cowdria* presented you with an idea for a new comedy movie that will break Netflix. They are offering you a pile of cash that would secure your team funds for the next 3½ years. You would secure that bag if you are able to recreate the famous [Elon Musk/Space X moment](#), when they sent Tesla Roadster to space. They want to send your 2024 Formula Student car to the space and film it. You are instructed to produce, direct and realize this 7 min movie segment. The footage must be from actual space and no (scale) model can be used. You need to film it from 2 perspectives, using the Netflix approved cameras.

Research and present your findings, calculations and planning in this Deep Dive. Gather all the information and present the company with a plan of execution, cost breakdown (launch, filming, production, equipment etc.), timetable and everything needed to complete your project and to convince *Alpine Cowdria* your team deserves the 42% of Lance Strolls paycheck.

Clarifications:

- Space is defined as the Kármán line
- Movie costs are covered by the company, nevertheless they care about cost optimization
- Your team gets the reward after the submission of viable plan with all of the required calculations and breakdowns, submitted as this Deep Dive Topic

The goal of this deep dive is to produce a complete plan, covering all aspects of this topic. Show how well you understand the assignment, be thorough and diligent.

BPDD Deadline

Saturday, 22th June 2024, 13:00 CE(S)T

Upload to FSAA Website

Teams have 1 week to complete this task. Write a report in a form of a 4-7 pages long essay. Follow the instructions in the handbook.