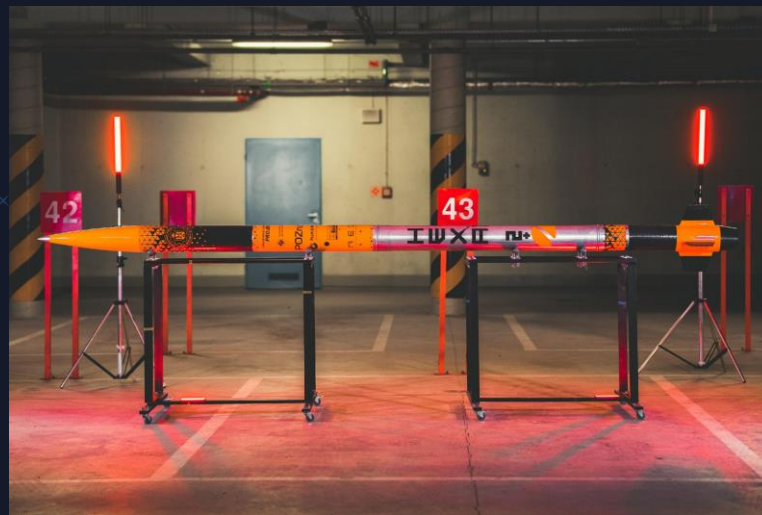




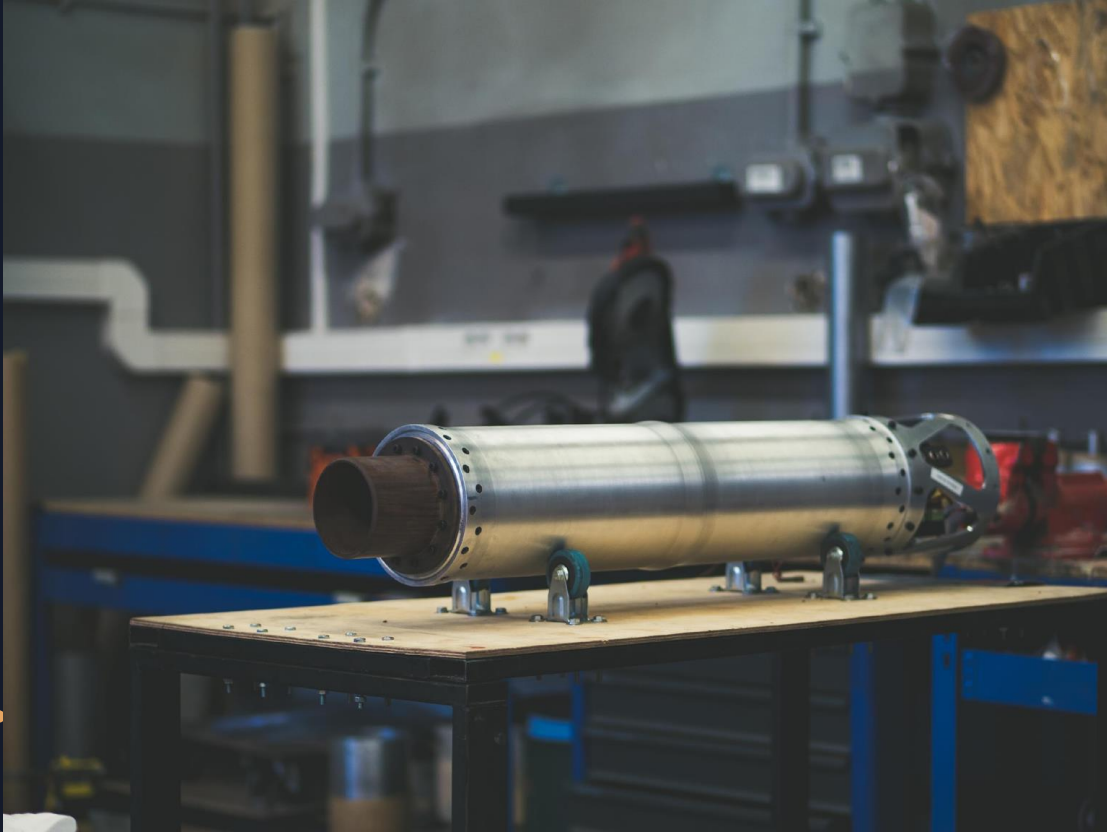
ZESPÓŁ



RAKIETY SONDAŻOWE



BROOMSTICK 2+



HEXA 4 W LICZBACH

DŁUGOŚĆ: 4200 MM

KALIBER: 160 MM

MASA WŁASNA: 36,4 KG

TOW: 53,9 KG

IMPULS WŁAŚCIWY: 2060-2190 NS/KG

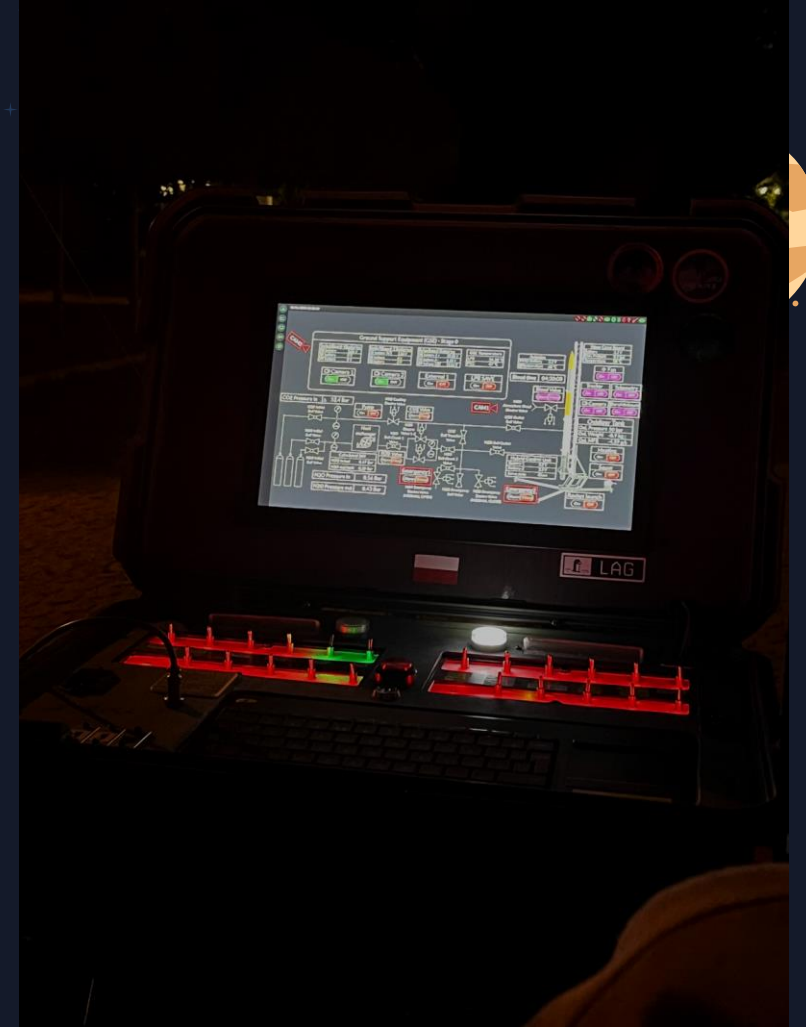
PRZYSPIESZENIE: 9,6 G (0-1000 KM/H W 3,8S)

MOC: 95,5 OPLA ASTRY 1,6 (8022 KM)

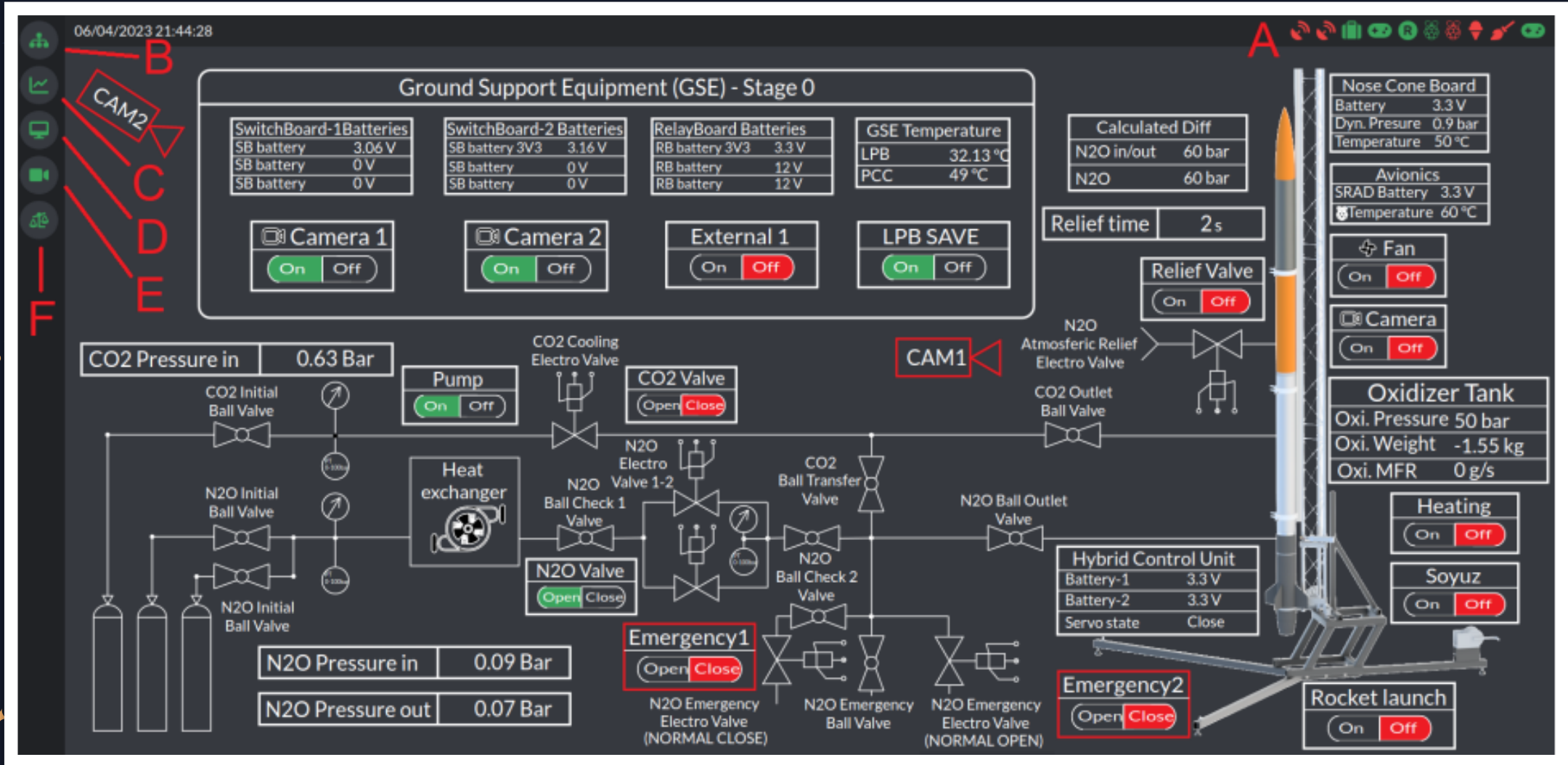


PUT
ROCKETLAB

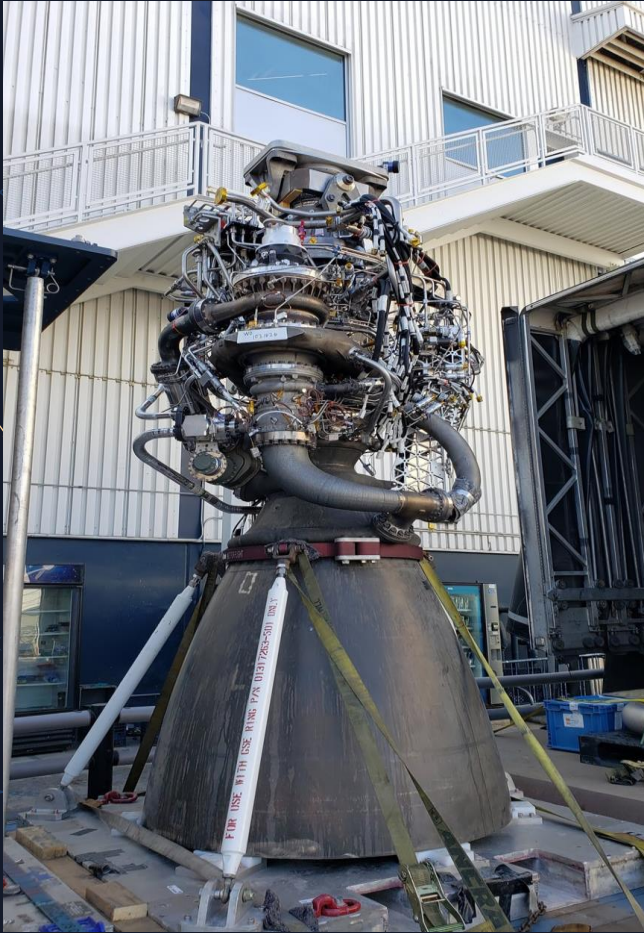
PCC



PCC



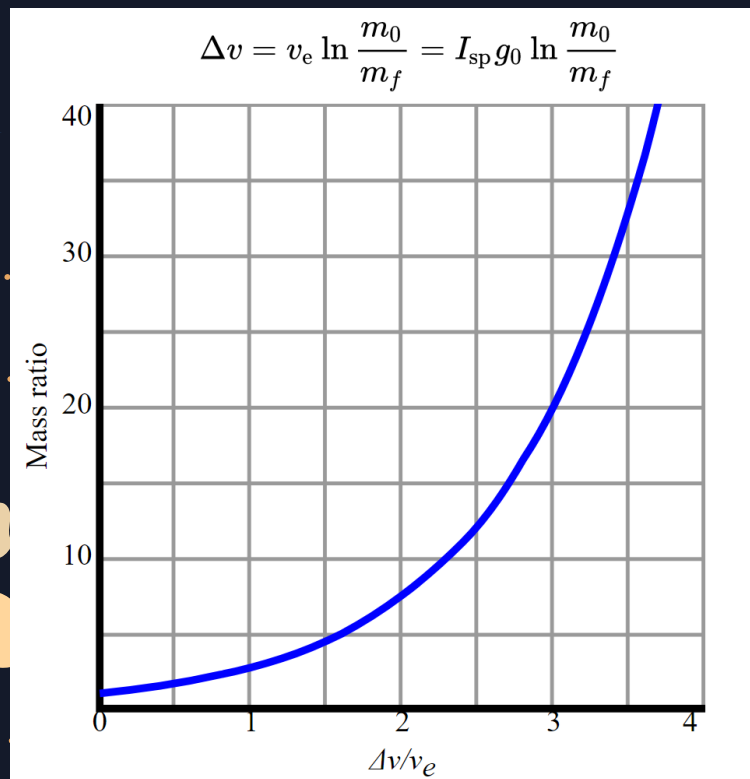
TURBOPOMPA



turbopompa metanu - 800bar



TURBOPOMPA



Starship booster:

masa własna:
180 t

masa materiałów pędnych:
3600 t

grubość ścianki:
 $d \sim 3 \text{ mm}$

booster bez pompy:

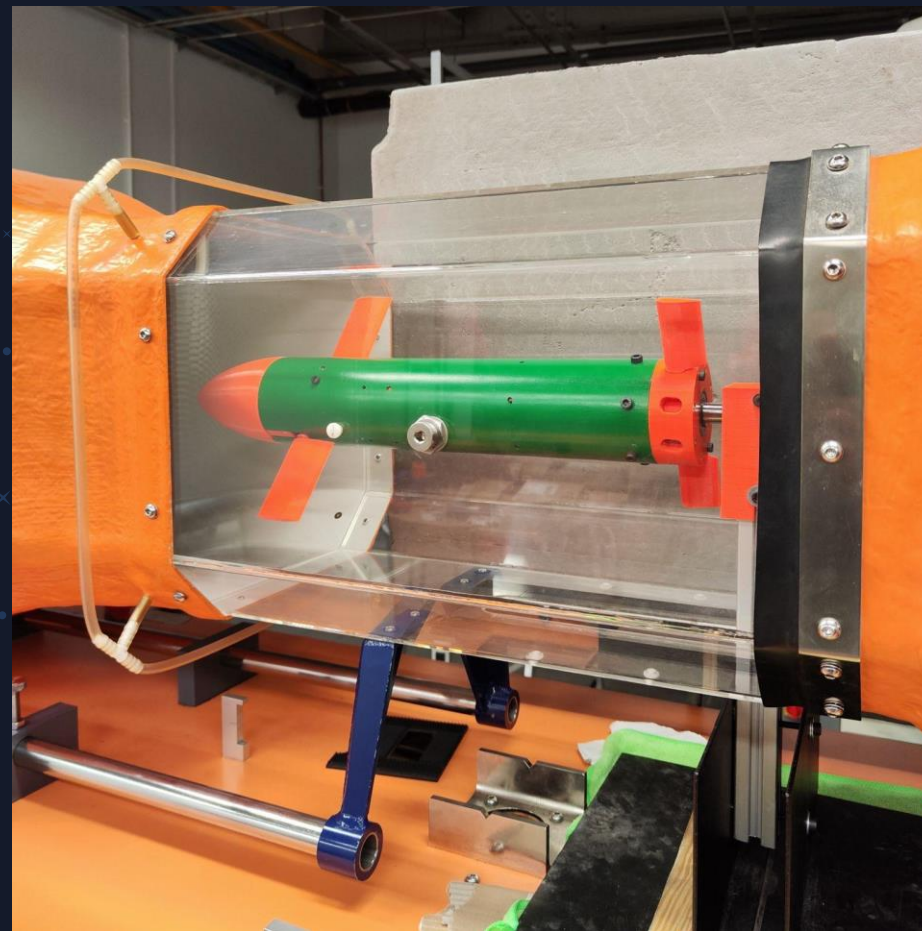
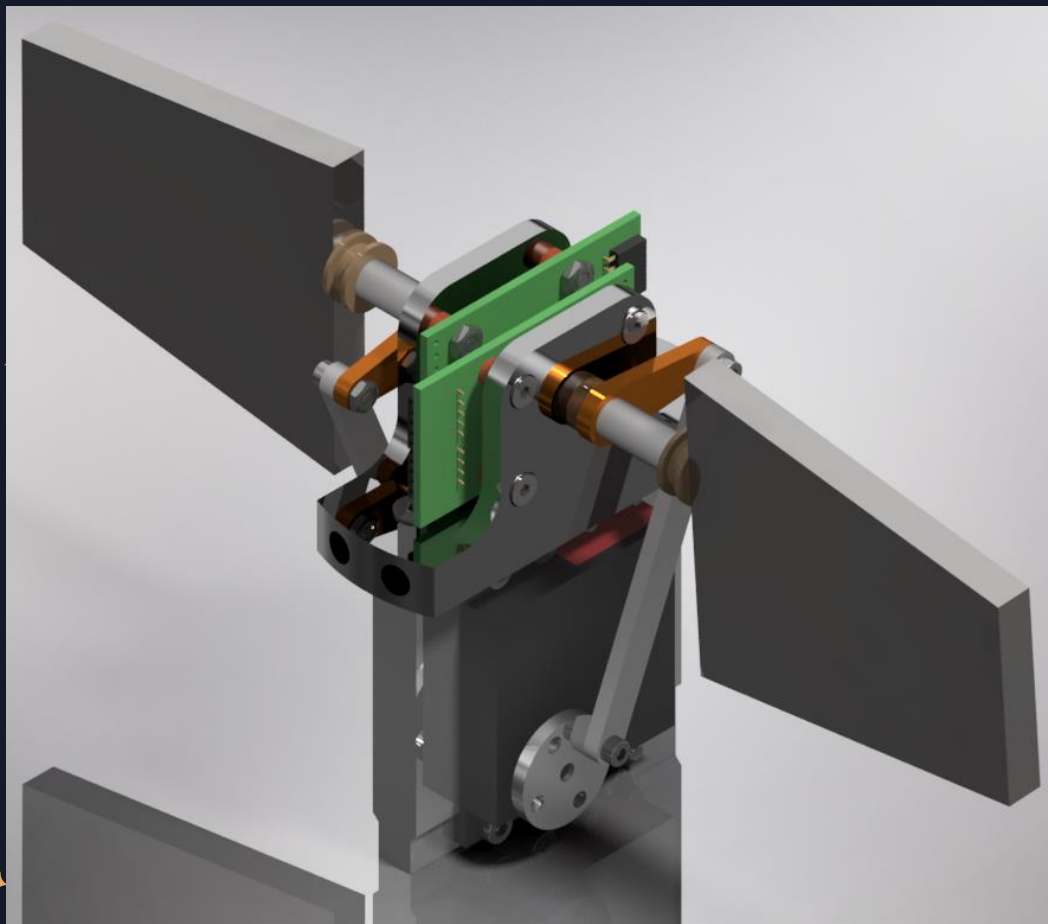
$d \sim 400 \text{ mm}$

masa własna $\sim 6000 \text{ t}$

TURBOPOMPA



ROLL CONTROL



ROLL CONTROL

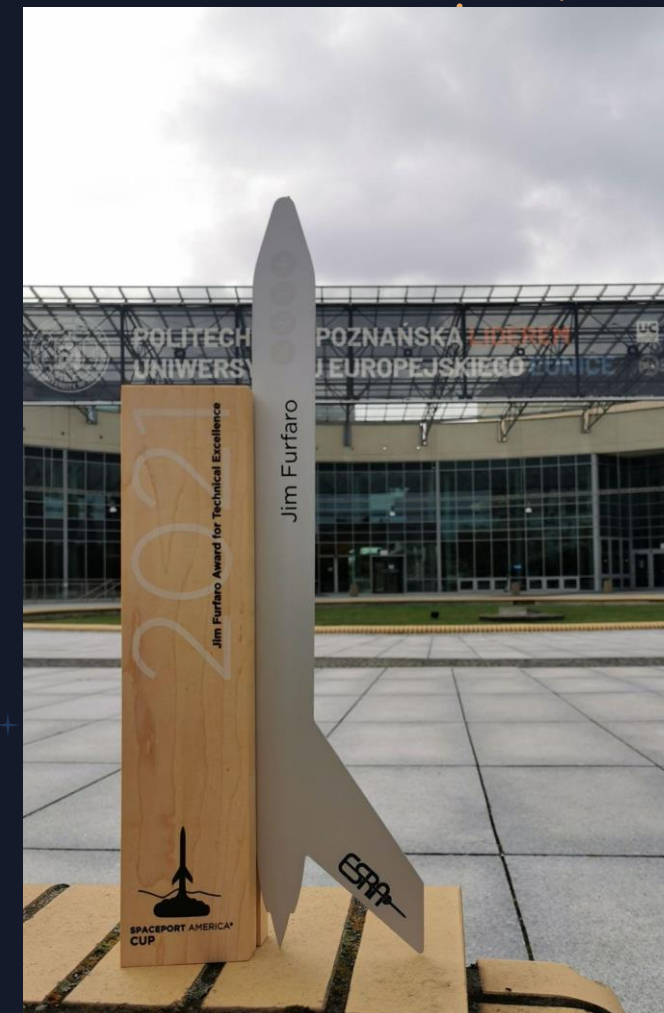


Układ sterowania wyłączony

WYDARZENIA



POPRIEDNIE EDYCJE SPACEPORT AMERICA CUP

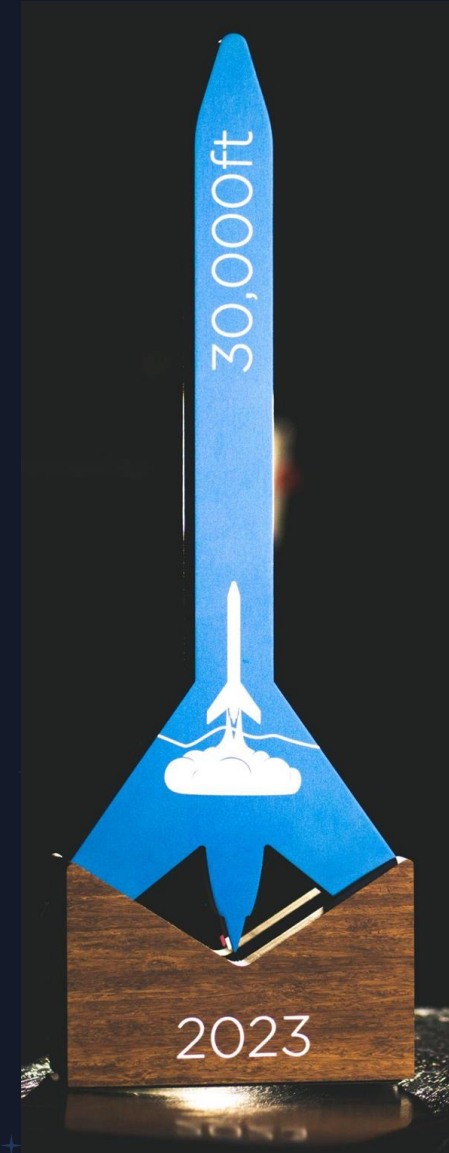


SPACEPORT AMERICA CUP 2023



1st Place

30k SRAD Hybrid/Liquid
category



EUROPEAN ROCKETRY CHALLENGE



DZIĘKUJĘ ZA UWAGĘ!

