



# 2018 ESRA IREC

## SPACEPORT AMERICA CUP

JUN 18-24

- 10 ft tall, 92 lb
- 8 in diameter
- Airbrakes in tail end
- N-class motor – 870 lb thrust
- 8.8 lb payload
- CubeSat - mission to Europa design



EXPIREMENTAL  
SOUNDING ROCKET  
ASSOCIATION

INTERCOLLEGIATE  
ROCKETRY  
ENGINEERING  
COMPETITION

10,000 FT ALT.

DEEP SPACE  
CUBESAT PAYLOAD

AIRBRAKES

GYROSCOPIC ROLL  
CONTROL