

PARABOLIC FIGHTS

Zero-G UFC

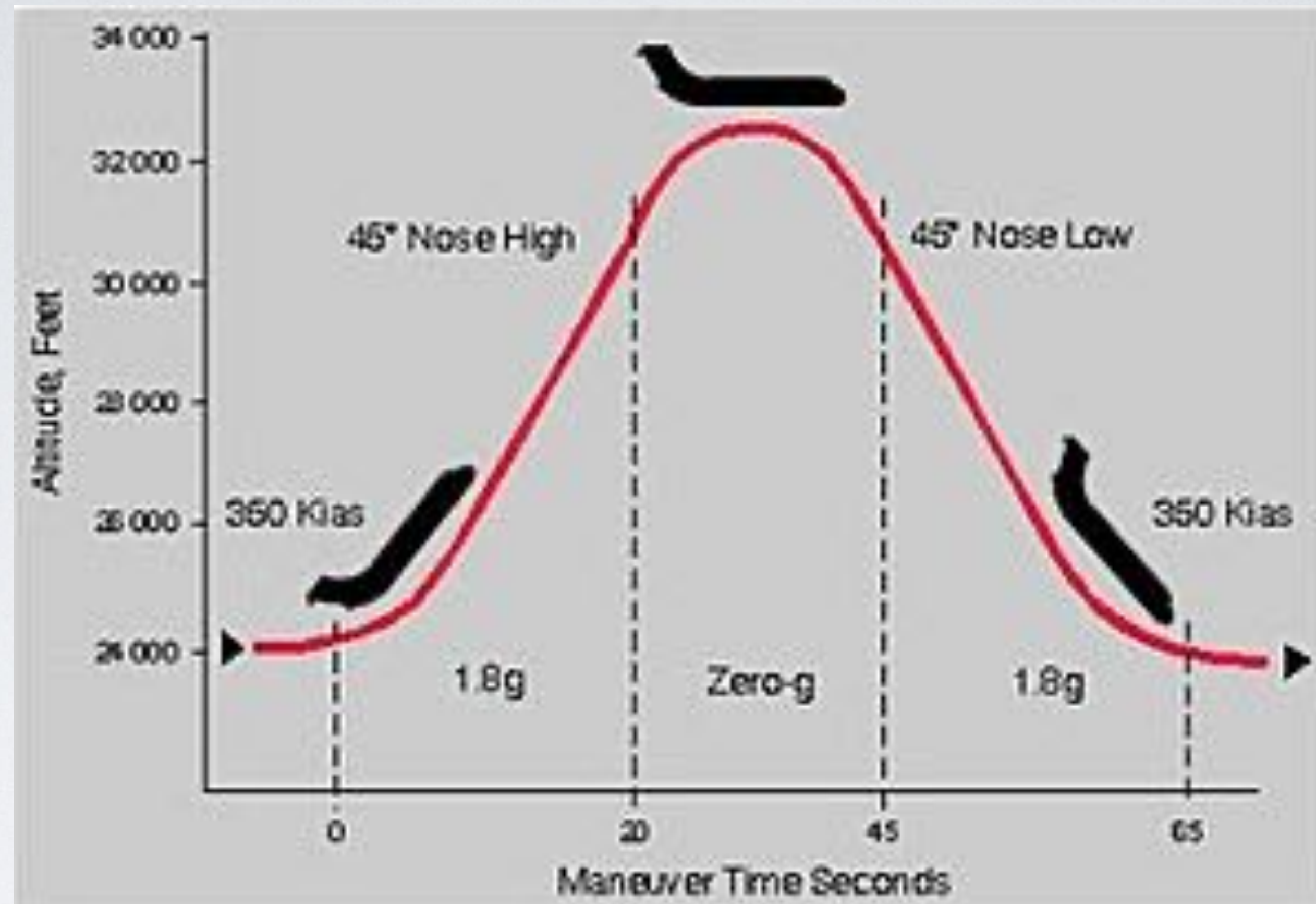
THE RULES HAVEN'T CHANGED,
BUT THE ARENA HAS

REDUCED GRAVITY AIRCRAFT

- Common & Safe Maneuver
- Parabolic Flight Trajectory (Next Slide)
- Can Simulate Multiple Levels of Gravity



- https://en.m.wikipedia.org/wiki/Reduced-gravity_aircraft



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TRAJECTORY

Roughly 20 seconds of weightlessness, 40 seconds of "heavy"

POSSIBLE ADAPTATIONS

- One to three parabola(s) every period
- Fighters could signal when they want their parabola to begin
- Fight strategy would adapt to flight path
- Octagonal cage in modified jumbo jet

SAFETY

- Parabolic Flights are common maneuvers
 - Academia, Recreation, and Pop Culture
 - OK Go Music Video "Upside Down & Inside Out"
 - Inception Hallway Fight Scene (not in parabolic flight but shows concept)
- Buzzers & Lights can inform fighters of impending changes
- Nausea possible, but less likely with experience
- Bodily fluid management required

CURRENT PARABOLIC FLIGHT PROVIDERS

- Novespace Airbus A300 (Switzerland)
- Zero Gravity Corp Boeing 727 (USA)
- Ilyushin Il-76 Jets (Russia)



Olympic Sprinting Champion Usain Bolt “Running in Zero Gravity” Aboard Novespace Plane

Video here:

<https://mobile.twitter.com/usainbolt/status/1039940885780344833>

COSTS OF FLIGHTS

- Novespace: Entire plane, 40 person, 200 sqm with 15 parabolas: 340k CHF
- Zero Gravity Corp: (~\$40,000 USD for 15 parabolas in a 10ft x 10ft section)
- Costs can be discounted with partnership of big brands and/or multiple flight orders
- May be more cost effective to purchase plane instead of flight provider, especially in the current Covid Environment

REVENUE POTENTIAL

- High profile fighters will draw more pay-per-view revenue
- Prices for ringside seats and the zero-g experience could be less \$5000 USD and the best deal on the market
- Ad Revenue more likely with higher profile events

PROPOSED PARTNERSHIP WITH UFC

- UFC owns the market for pay-per-view fights and an incorporation would allow UFC to diversify their market.
 - Would not be feasible to try to imitate nor compete with UFC's success, so an acquisition would be ideal
 - Founder, Dan Gove, wants this new sport to be successful, and wants to be a part of its success

ABOUT DAN

- Presented “Variable Gravity Athletics” to 2018 International Space Station Research & Development Conference
- Guest Judge for “Space Games Federation”
- Selected for Tokyo Olympics Volunteer Team
- Trained gymnastics throughout USA & China, friends with Chinese olympic champions
- Currently researching how gymnastics skills can benefit astronauts



Photo by Tim Connell & Chris Falteisek



VARIABLE GRAVITY

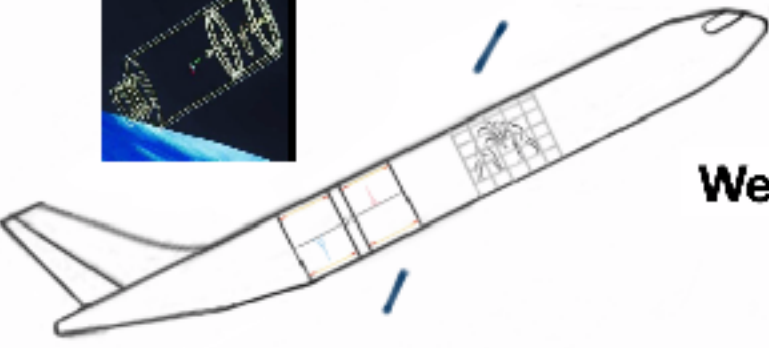
ATHLETICS



Zero-gravity Locations







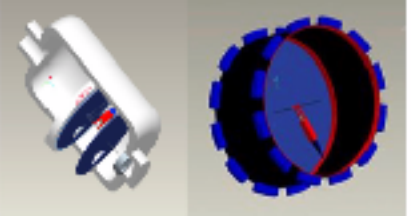
Weightless Wrestling





Lunar Trampolines

The Motorbar:






Special Thanks to:

- Mike & Mary Cove
- Dr. David Russell
- Steve Carter, USA
- Green Eagles
- Hendricks, Steve, High School
- USA Gymnastics, especially Herndon Gymnastics Center, Seattle Gymnastics Academy, Fraser Ridge Martial Arts (USA), get it done, Shalun's Specialties, and Goldenrod Sports Center
- David Kennedy, Ray Miller, Mountain View, David Zier, David Johnson
- The International Astronautical Federation
- The Global Citizens Gymnastics Association
- The Aerial Acrobatics Federation
- The Russian Space Federation
- The American Society for Gravitational & Space Research
- The Center for Advancement of Science in Space
- NASA, especially Captain Alan Bean
- Honorspace at the University of Zurich



<https://prezi.com/view/H8rhEtqGzJJHT2InxnHD/>

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“Float like a butterfly, sting like a bee”

–Muhammad Ali