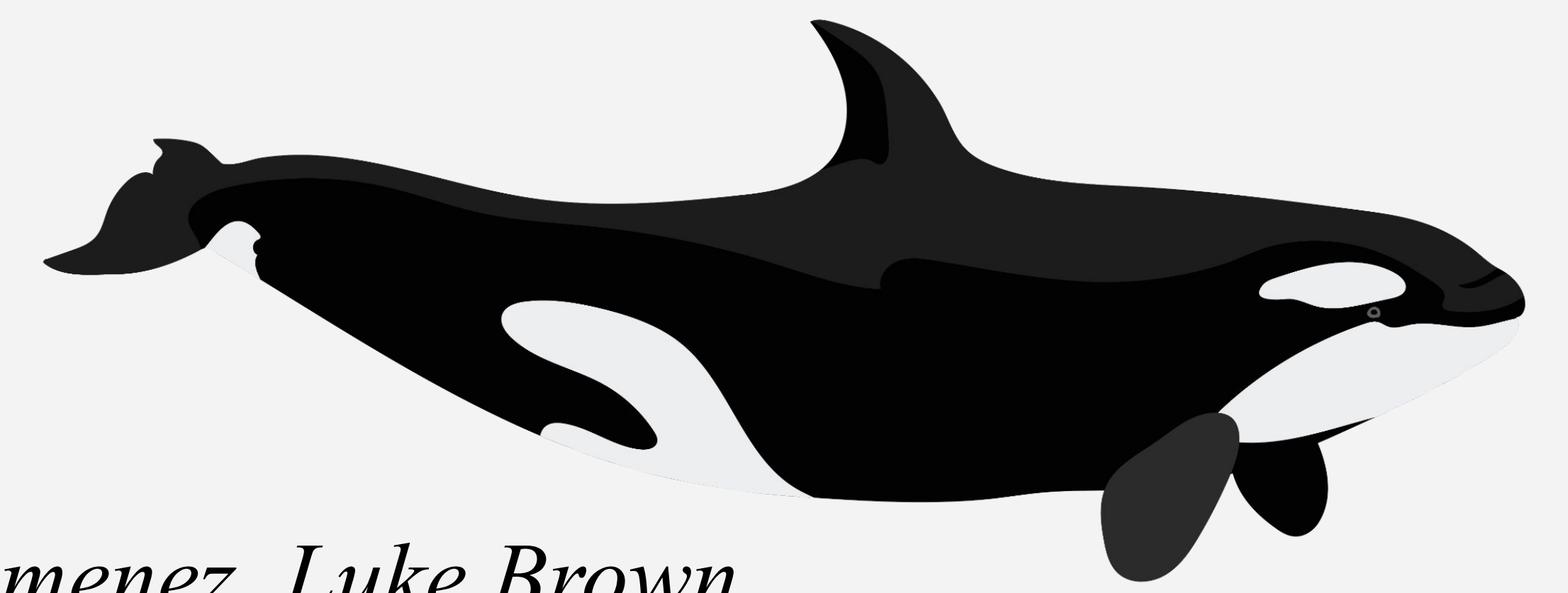


# A-14, The Orca

## Close Air Support Aircraft



*Connor Quinn, Kavan Morris, Mustafa Bahlool, Patrick Zalameda, Ivan Jimenez, Luke Brown*

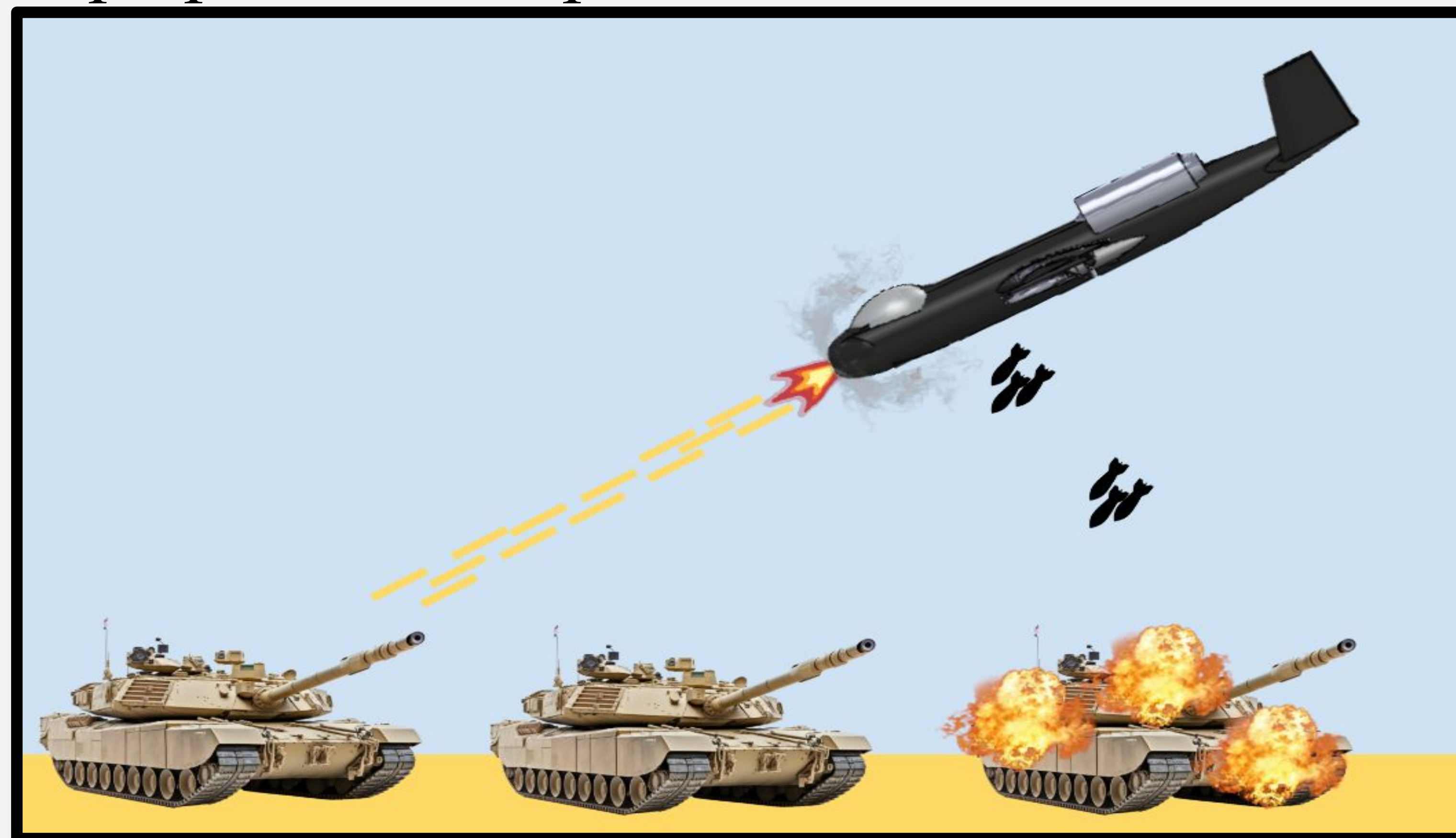
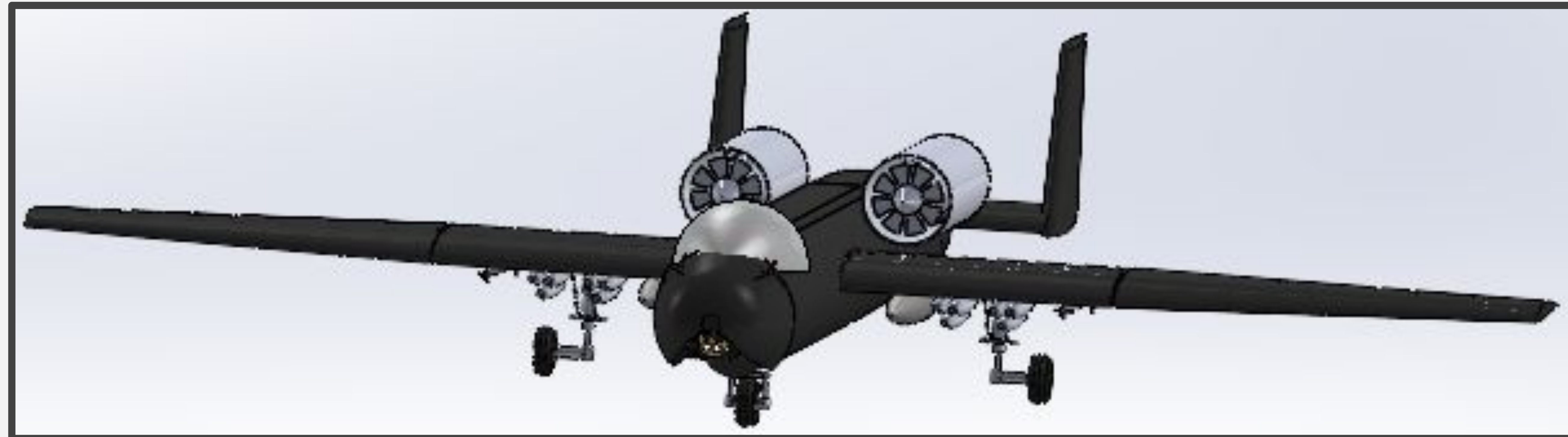
### Overview:

*The A-14 is a next generation close air support aircraft, providing significant upgrades in capabilities over in-use aircraft.*

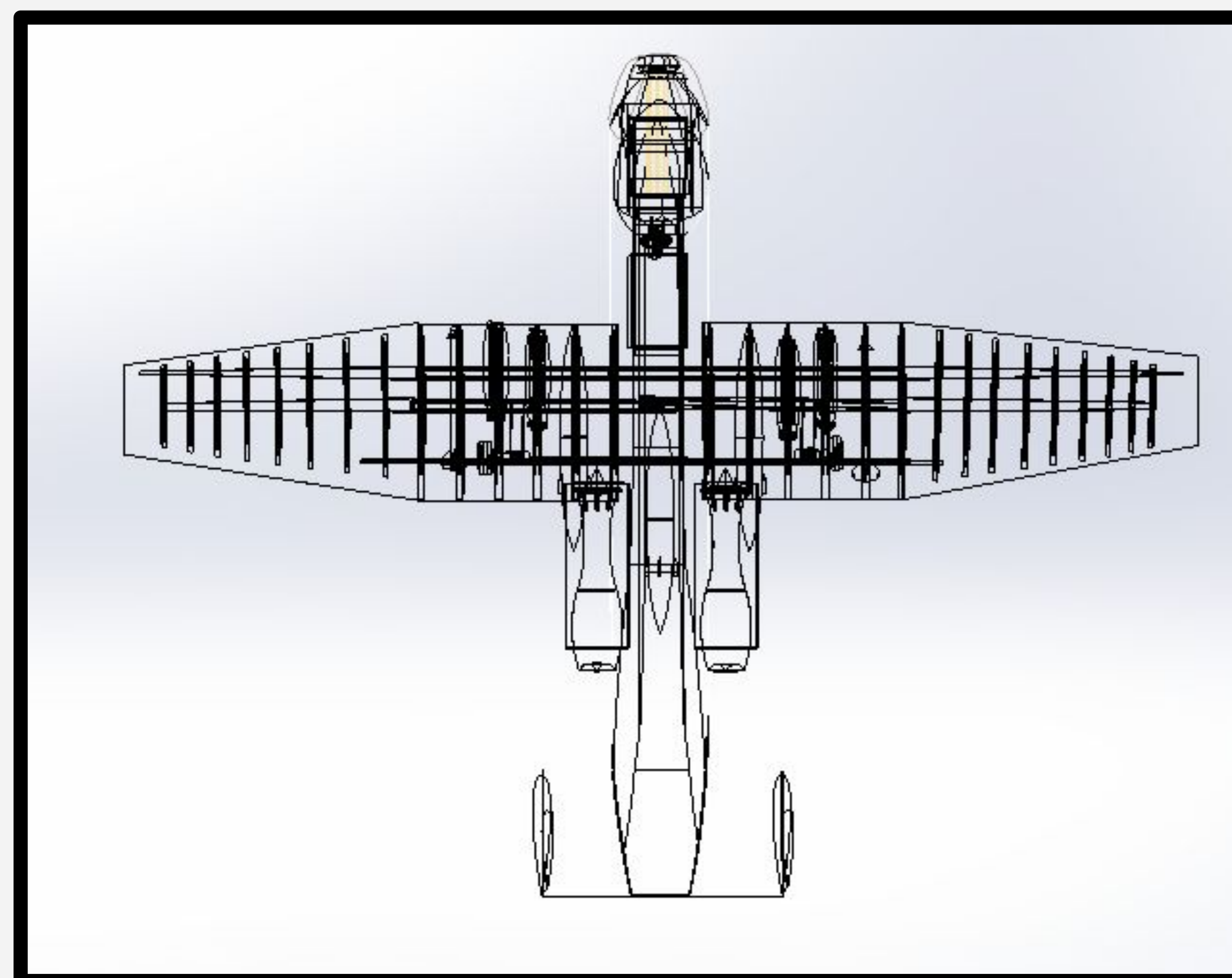
*Maximum Range: 3560 miles*

*Payload Capacity: 9312 lbs*

*Top Speed: 636 mph or 0.83 Mach*

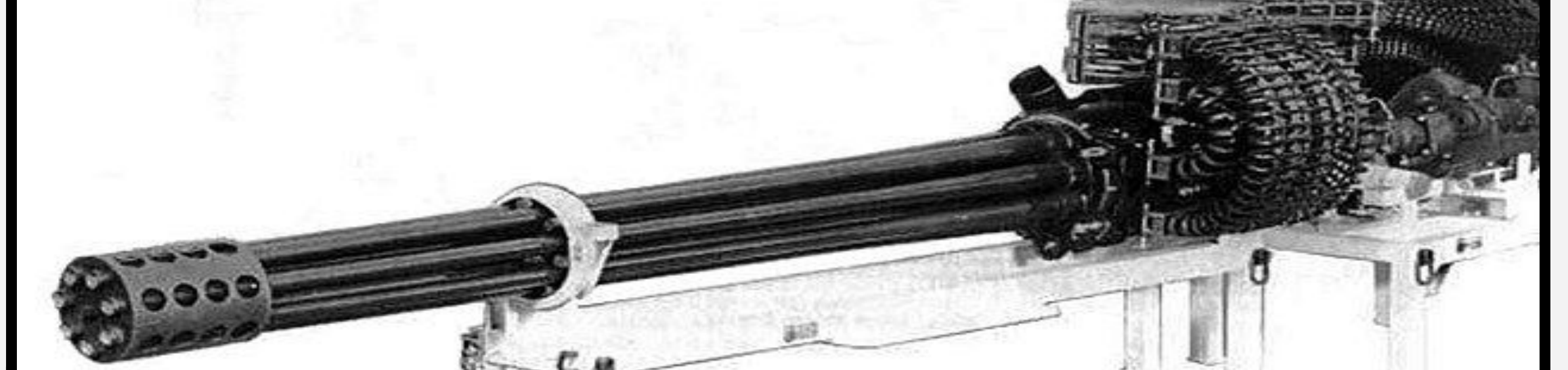


### Internal Structure:



### Weapon Systems:

*GAU-8 30mm*



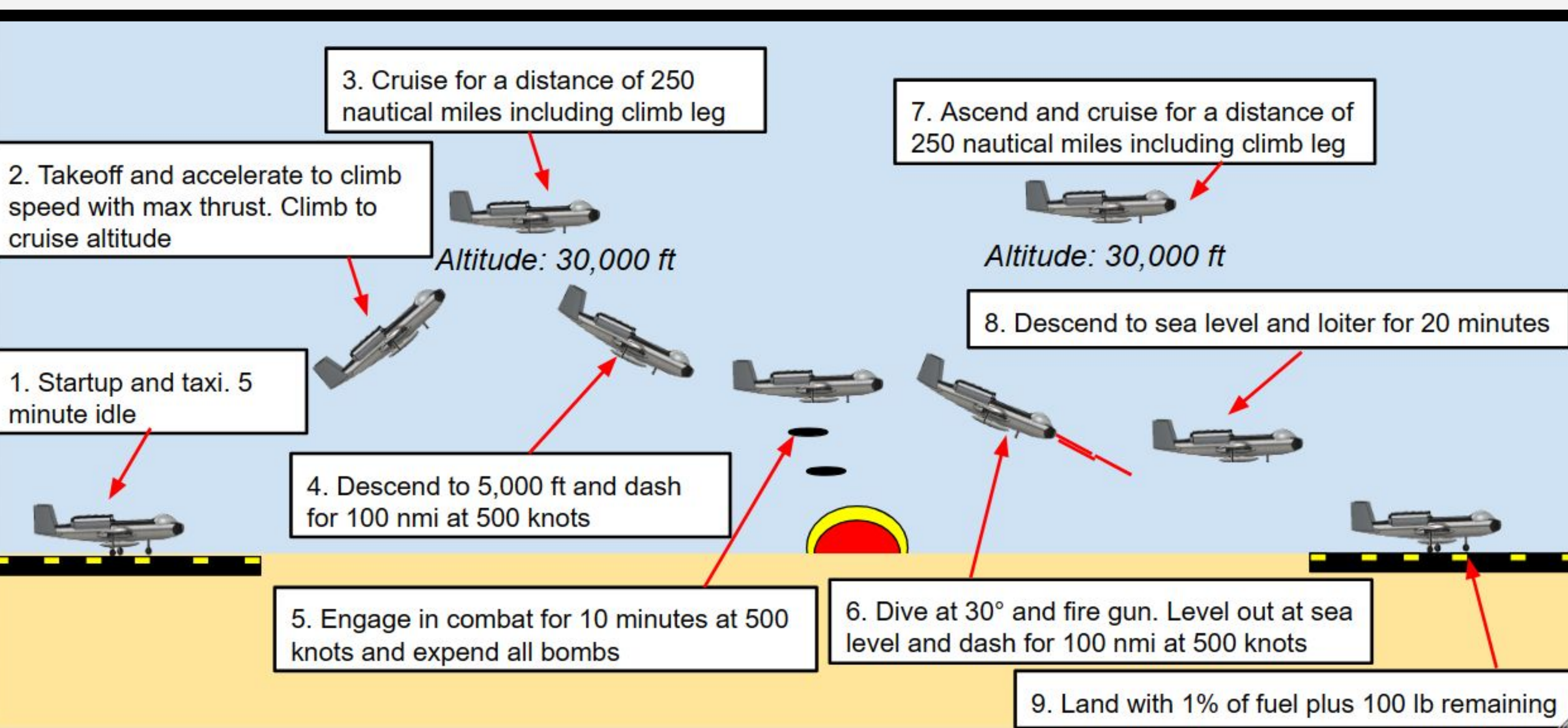
*2x AIM-9L Sidewinder Missiles*



*12x Mk 82 GP Bombs*



### Design Mission:



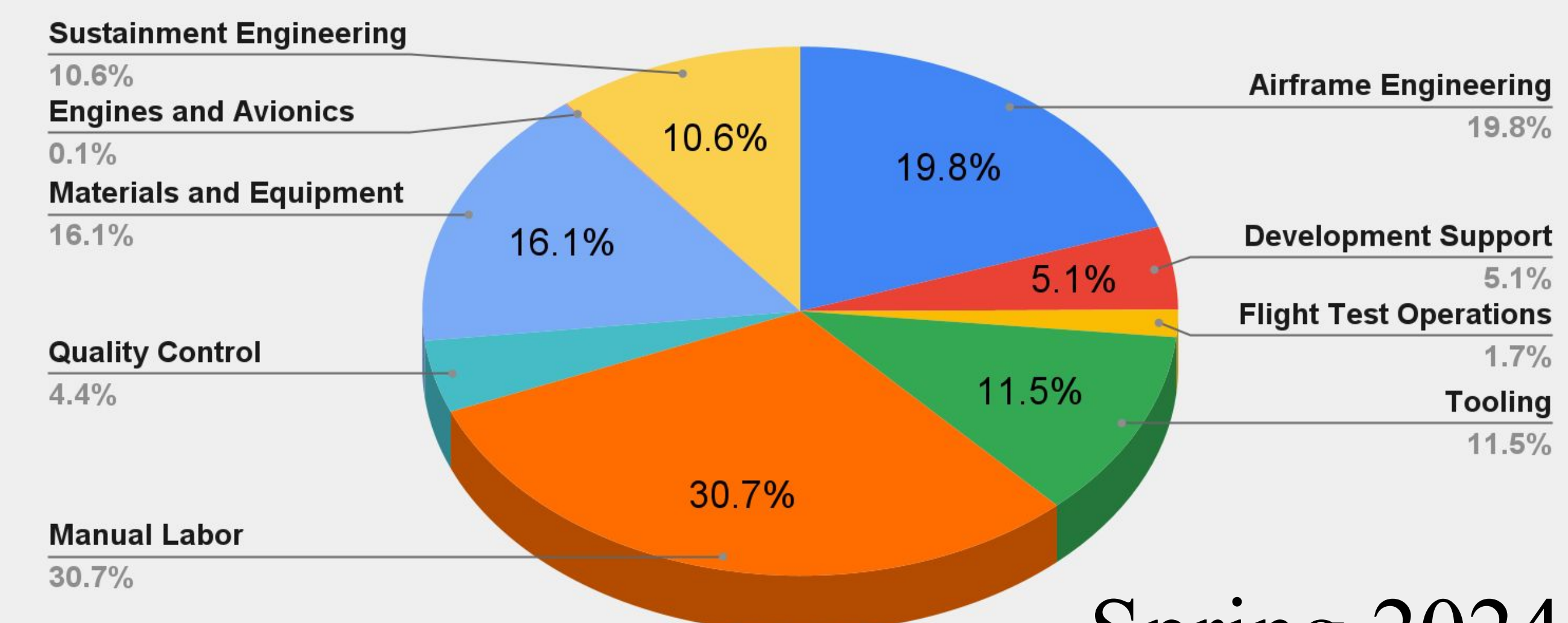
### Life Cycle Costs:

*205 Units to be Produced*  
*5 for testing, 200 for Service*

*Unit Cost: \$56.5 million*

*Program Cost: \$11.6 billion*

### Life Cycle Cost



Spring 2024