

# A-48 Rogue



Deterrence Through Strength



# Armed Recon



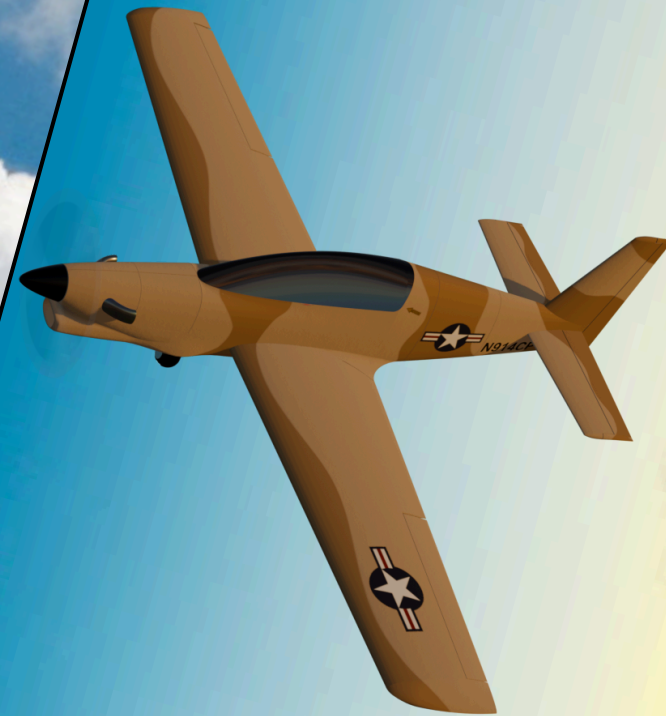
- 4 Hours on Target
- 2700 lb of Armament
- IR Sensor for Precise Surveillance & Imaging

# Targeted Strike



- 300 nm Combat Radius
- 3500 lb of Armament
- Electro-Optical Targeting System

# Agile Trainer

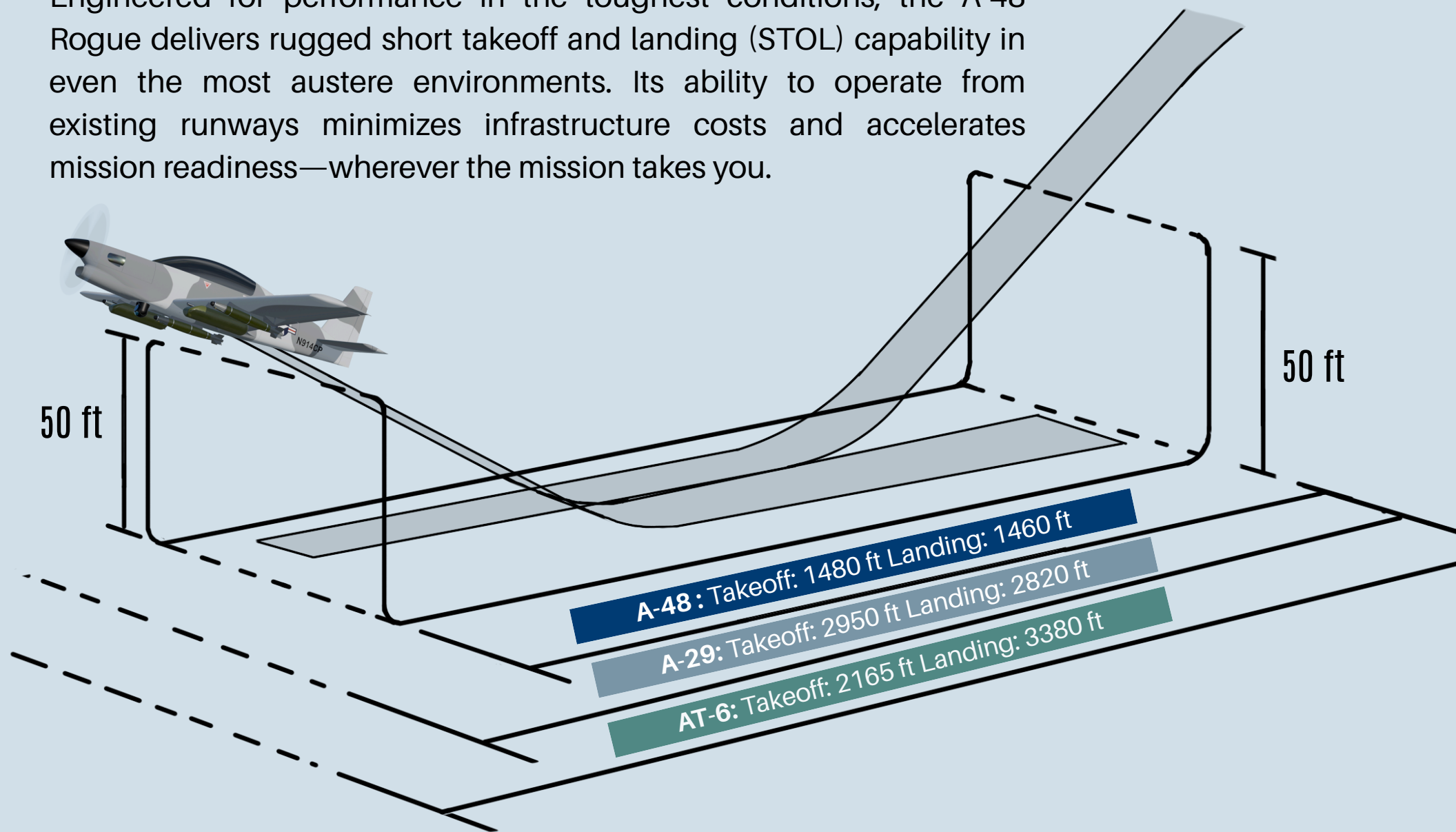


- Two Seat Configuration
- Durable Design



# Mission-Ready Anytime, Anywhere

Engineered for performance in the toughest conditions, the A-48 Rogue delivers rugged short takeoff and landing (STOL) capability in even the most austere environments. Its ability to operate from existing runways minimizes infrastructure costs and accelerates mission readiness—wherever the mission takes you.



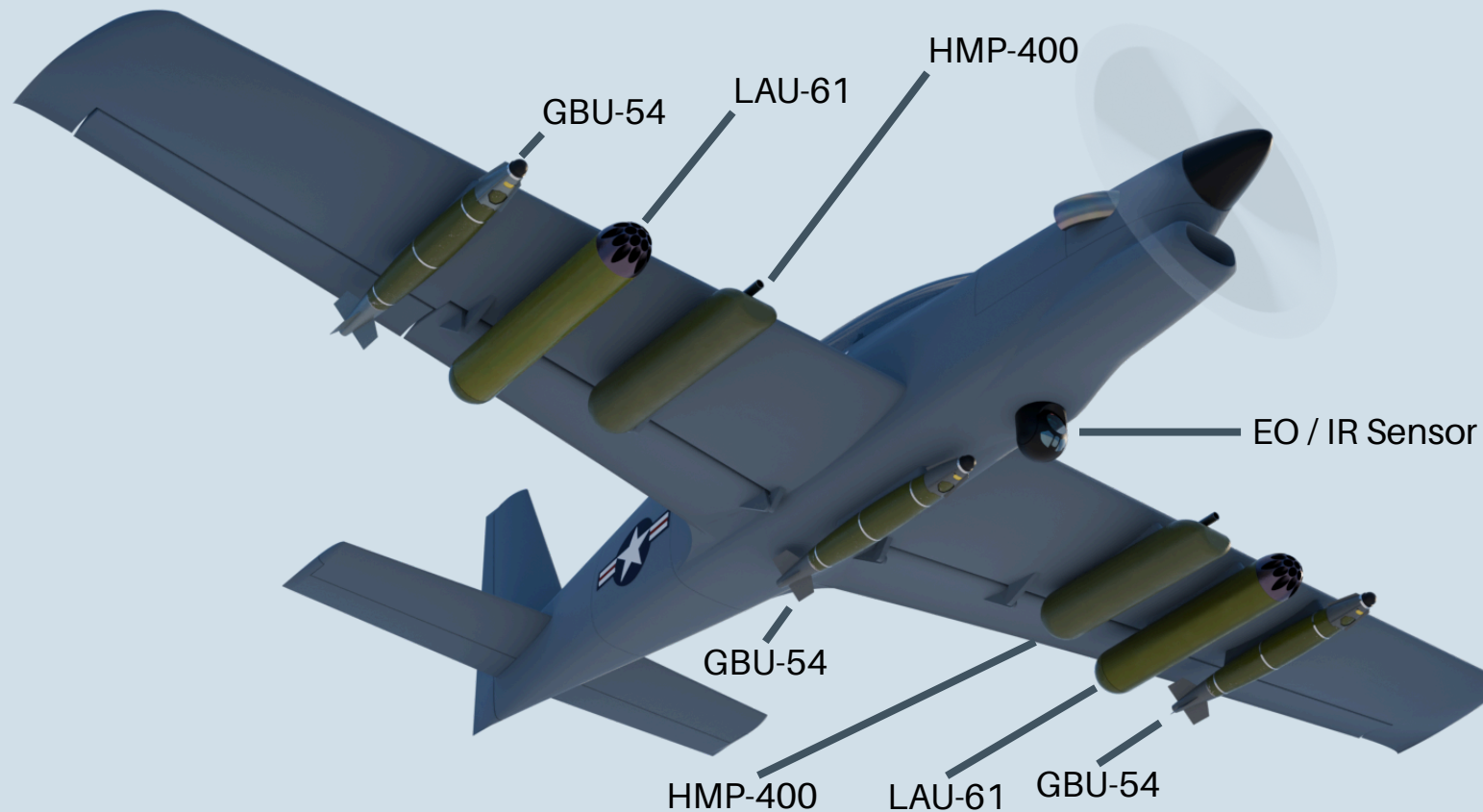




# The Perfect Foundation or A Seamless Addition



# Equipped for Any Situation



## Weights

Empty Weight	6100 lb
Max Takeoff Weight	12320 lb
Max Payload	3500 lb

With seven versatile hardpoints, the A-48 delivers unmatched flexibility, supporting a wide array of loadouts to suit any mission. Its modular design makes it highly adaptable and easily configurable, enabling seamless transitions between roles from close air support to reconnaissance and beyond.



# Built to Fight

# Priced to Fly

**A-48**

Max Payload: 3500 lb

Unit Price: 14 million

**A-29**

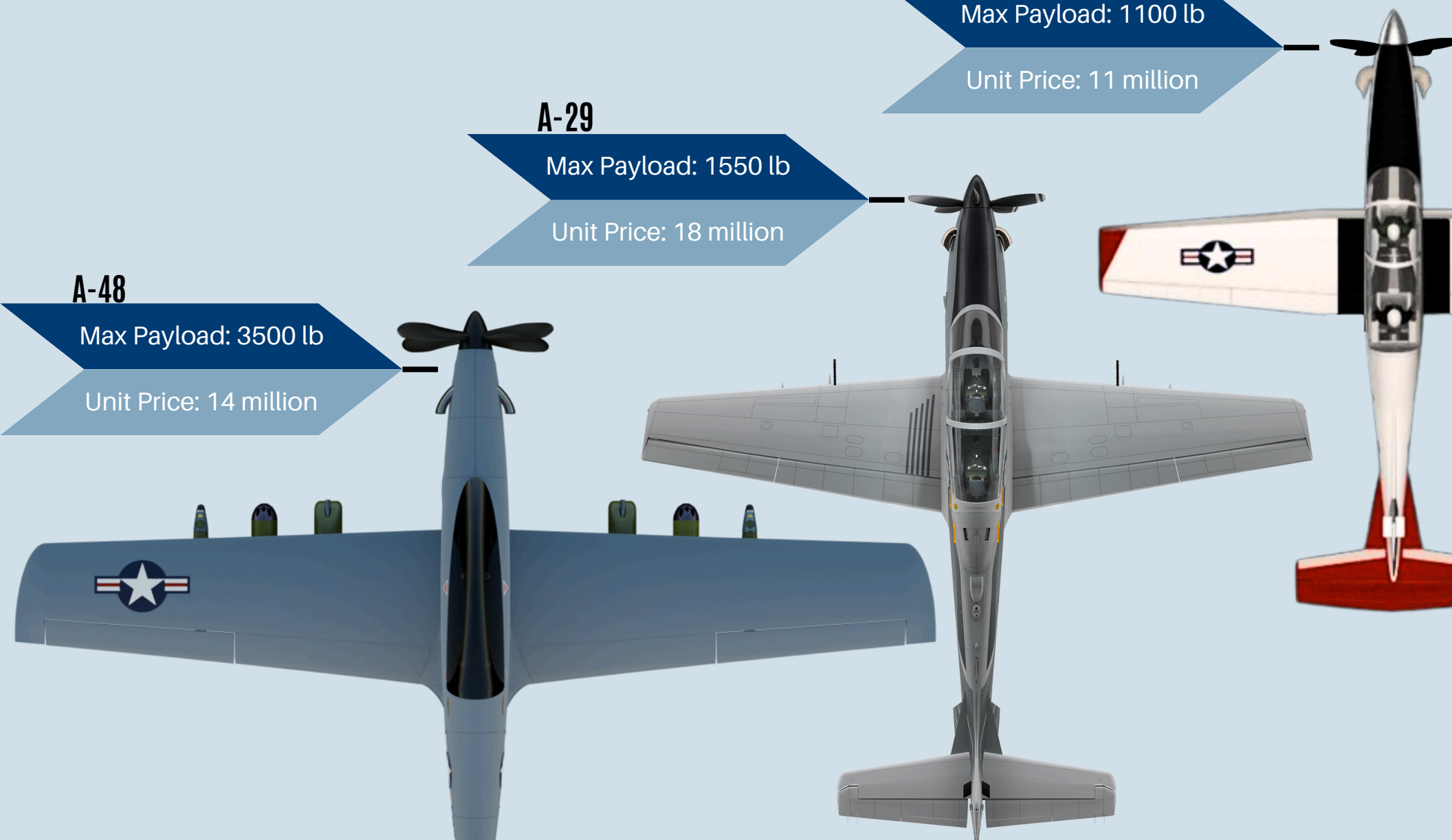
Max Payload: 1550 lb

Unit Price: 18 million

**AT-6**

Max Payload: 1100 lb

Unit Price: 11 million





# Survivability, By Design

Powered by the widely trusted PT6A-68B engine, the A-48 seamlessly integrates into existing fleets by leveraging established parts inventories and maintenance protocols. New operators benefit from a proven platform backed by a global support network and resilient supply chain

PT6A-68B  
(1690 hp)

Self Sealing Fuel  
Tanks

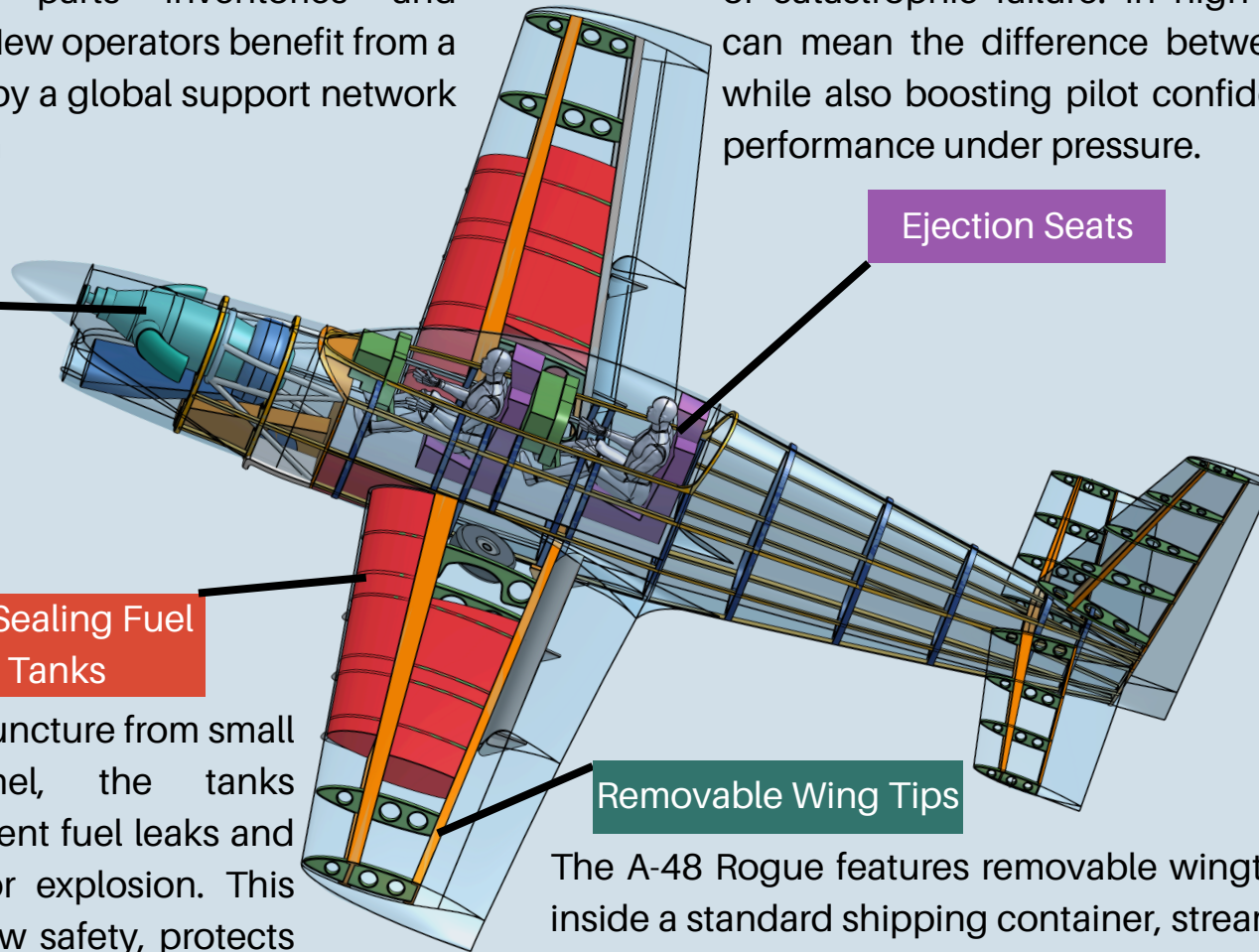
Ejection Seats

Removable Wing Tips

The A-48 Rogue features a modern ejection seat system, giving pilots a life-saving option in the event of catastrophic failure. In high-risk environments, it can mean the difference between life and death—while also boosting pilot confidence and enhancing performance under pressure.

In the event of fuel tank puncture from small arms fire or shrapnel, the tanks automatically seal to prevent fuel leaks and reduce the risk of fire or explosion. This technology enhances crew safety, protects critical systems, and increases the likelihood of returning safely from damaged flight.

The A-48 Rogue features removable wingtips that allow it to fit inside a standard shipping container, streamlining transport and rapid deployment anywhere in the world. This design also enables quick and easy replacement of damaged wing sections by ground crews, minimizing downtime and keeping missions on schedule.





# Capability Where it Counts

## Maneuverability

Max Load Factor:	+7.3 / -3 g
Sustained Turn (SL):	2.6 g
Sustained Turn (15000 ft):	2.1 g

## Speed

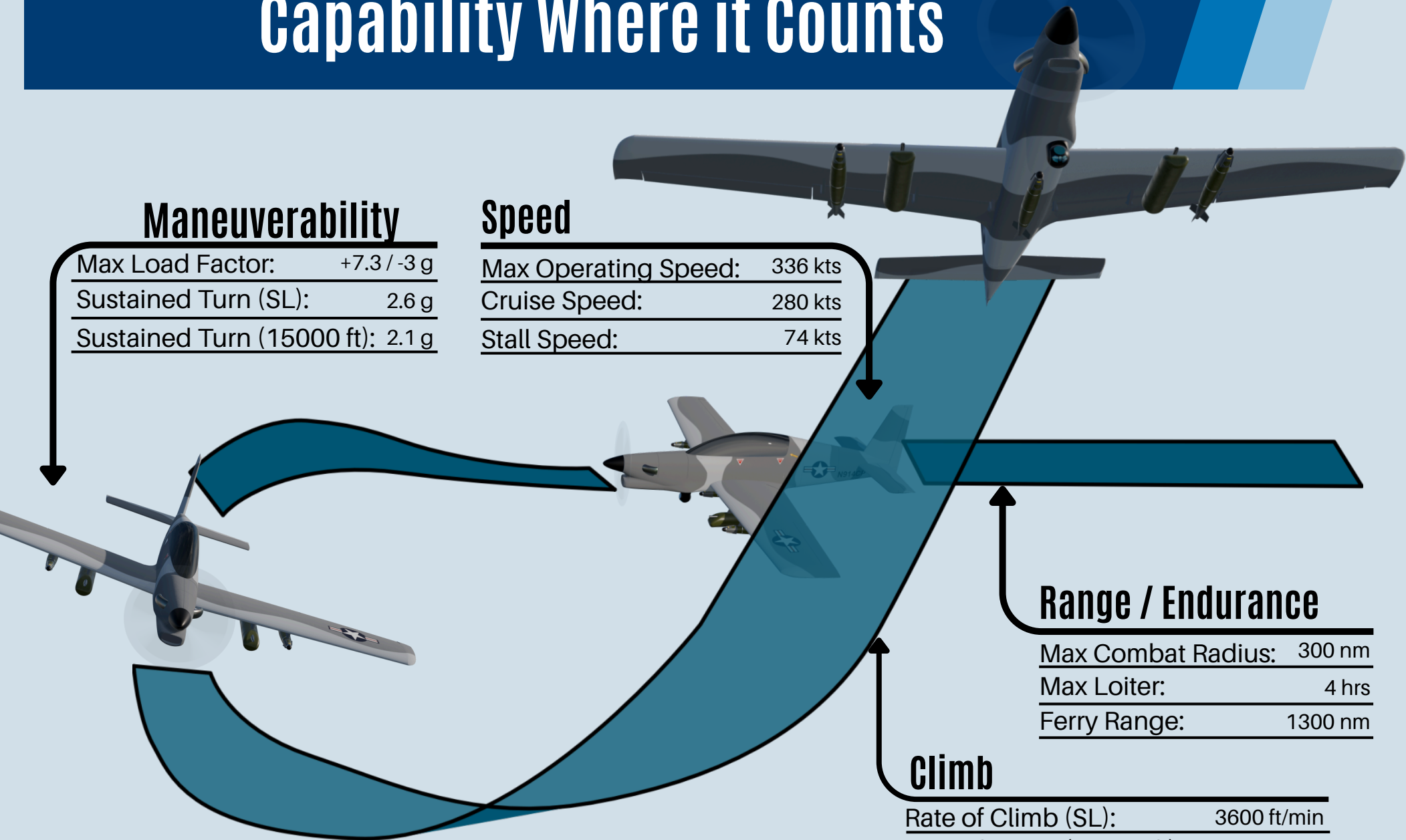
Max Operating Speed:	336 kts
Cruise Speed:	280 kts
Stall Speed:	74 kts

## Range / Endurance

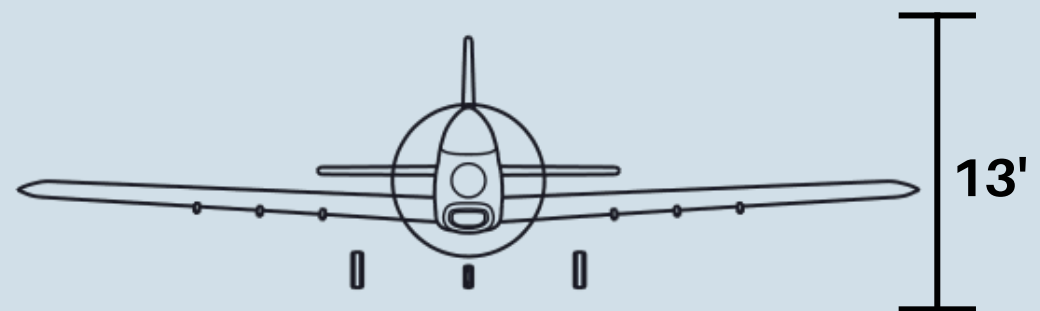
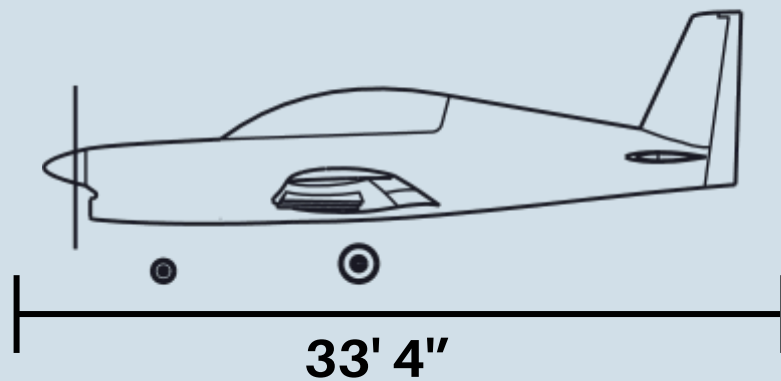
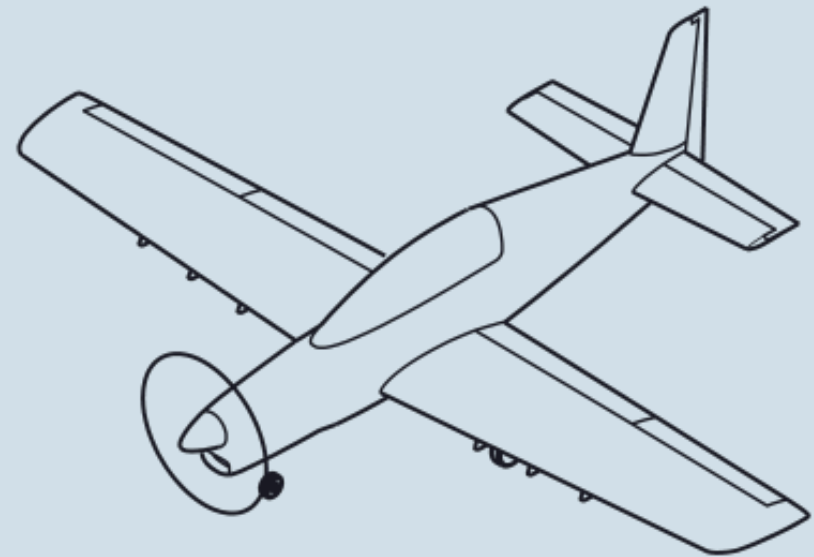
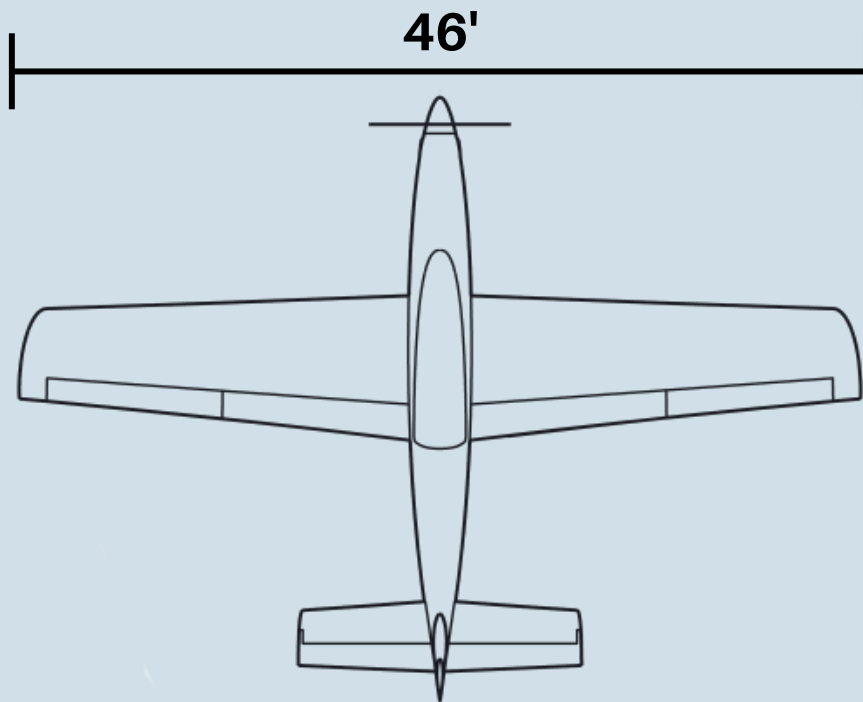
Max Combat Radius:	300 nm
Max Loiter:	4 hrs
Ferry Range:	1300 nm

## Climb

Rate of Climb (SL):	3600 ft/min
Rate of Climb (15000 ft):	2750 ft/min
Service Ceiling:	25000 ft



# Configuration Overview





# Never Choose Between Fight or Flight





# Meet The Team



**Ajay Parikh**

ajay@parikh.aero

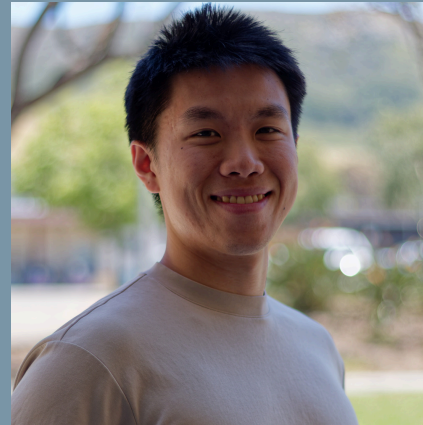
Upcoming: Job at Scaled  
Composites



**Alejandro Garcia**

prof.agarcia5173@gmail.com

Upcoming: Seeking job in the  
Palmdale area



**Henry Nguyen**

hnguy35@gmail.com

Upcoming: Seeking job in any  
relevant engineering field



**Jason Tello**

jasontello32@gmail.com

Upcoming: Job at Zone 5  
Technologies



**Mac Samuel**

mackenziesamuel02@gmail.com

Upcoming: M.S. in Engineering  
Management at Cal Poly



**Paul Reese**

paulreese1001@gmail.com

Upcoming: Seeking job in the  
Aerospace Industry



**Reed Paulson**

reedpaulson8@gmail.com

Upcoming: M.S. in Aerospace  
Engineering at Cal Poly



**Sam Morrisroe**

sammorrisroe@gmail.com

Upcoming: M.S. in Robotics  
at Northeastern



