



## What makes a Mooney a Mooney



A passion for speed, strength and safety defines Mooney's philosophy.



Early in his career, Al Mooney convinced government regulators that all airplanes must carry a placard that states Maneuvering Speed—created to define structural integrity

and control margins. You can thank Al Mooney for starting the original conversation about "flight envelope protection."



### ALL-TRIMMING TAIL

This strong and efficient design is usually found only on turbine aircraft. It provides for optimum controllability in high angle of attack conditions, and eliminates trim tab drag.



## LAMINAR WING

This wing design, inspired by the legendary P-51 Mustang fighter plane, provides lower drag and increased fuel efficiency. It's not clean sheet, because we got it right the first time.



## LOWEST 'FLAT PLATE' DRAG AREA

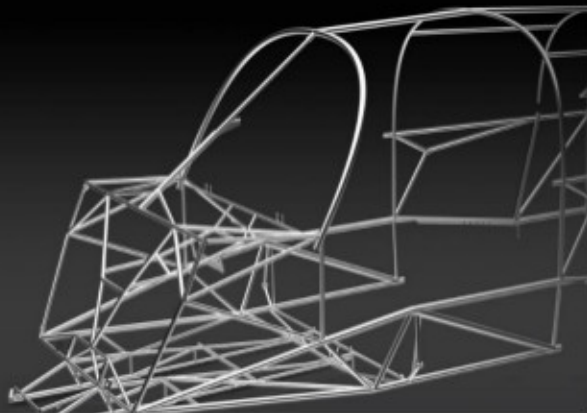
Consider your typical computer screen, like the one you're viewing now. That's about the same area pushing through the atmosphere when a Mooney slips through it. It's aerodynamic purity - defined.





## STEEL-TUBE CABIN FRAME

The cockpit is enveloped in a high-strength, 4130 Chromoly cage - the same steel used to manufacture rifle barrels - providing an additional layer of security and safety.



## SPEED BRAKES

These provide the ability to double your rate of descent, or peel off 20 knots -- or anything in between - while keeping engine temperatures well in the green. They're standard equipment on the world's fastest production piston-engine airplane.



## PUSH/PULL CONTROL RODS

Mooney connects your movements with forged rods for precise, positive, reliable control inputs and feel. Your hand is connected directly to the sky. The way we see it, cables are for bike locks.



## CARRY-THROUGH WING SPAR

This is the only aircraft in its class with a continuous tip-to-tip spar, providing exceptional structural integrity and ride quality.



## RUGGED RETRACTABLE LANDING GEAR

Nothing hangs from the fuselage of a Mooney. Landing gear is fully enclosed and equipped with dual cylinder / dual puck brakes for maximum stopping power.



## ALL-COMPOSITE INTERIOR PANELS

Laminated composite interior panels are designed to maximize interior space, increase comfort, improve ergonomics and quiet the cabin.



