

Step up to Speed



MARK 22

Now, step up to a new place in the sky in the world's first pressurized single engine aircraft—the MARK 22!

Occasionally, an aircraft comes along that's a world apart from its contemporaries...one that's distinctively different in its ability to deliver a whole new realm of flight capability.

Cruise at altitudes to 24,000 feet in the calm, quiet air—high above restrictive weather and turbulence without the bother of cumbersome oxygen masks. No other single engine business aircraft and very few piston-powered twins can match the MARK 22's top speed of 256mph at full gross.

The MARK 22 delivers 100% turbo-supercharged power through 20,000 feet. Optional electric pitch trim assist and **Positive Control** cutoff are integrated in the yoke. Double-slotted jet-type flaps provide low stall speeds and safer, slower landing speeds.

Inside, there is comfort-engineered seating for four (five optional) and luxury styling of finest leathers, fabrics and vinyls. A large baggage area inside the pressurized cabin is accessible in flight.

For 1970, the Mooney MARK 22 puts you a step ahead in aircraft ownership and pilot achievement!



EXECUTIVE

The 1970 EXECUTIVE blends speed, performance, luxury and comfort to become a distinctively personal extension of your way of life. This highly efficient business machine enables the executive to increase profits for his company by being in more places in less time—and still have extra time for the good things of life.

The EXECUTIVE is big where it counts. The stretched-out cabin seats four in luxury and comfort in deep-foam custom-contour seats. Deep-pile carpeting front to back, reclining seats, arm rests and individual air vents are luxury touches for the finest in flying. Ample baggage space for travel or cargo.

A 200hp fuel-injected engine delivers 180mph and 10-gallons-per-hour economy. Standard are electrically operated gear and flaps, integral wing tanks, 1,100 mile economy range, pedestal-mounted power console to put controls at your fingertips and Mooney's exclusive PC flight stability system for an extra margin of safety and control.

The Mooney EXECUTIVE for 1970: in a word, *beautiful*—in flight, in performance. And a real dream to fly!

MOONEY AIRCRAFT
HARRY ELLIS
1970

... Quality ... Performance



CHAPARRAL

Nothing sets one aircraft apart from all the others in its class like speed! And nothing else in its class even comes close to matching the CHAPARRAL's 190mph speed and performance.

Standard features at a modest price include PC, Mooney's exclusive flight stability system. The beautifully planned and efficient instrument panel has plenty of room for a radio. An annunciator panel gives flight systems read out. Throttle, mixture, prop and electric flap controls are at your fingertips: pedestal-mounted for multiengine style operation.

The 1970 CHAPARRAL is equipped with the fastest gear flying: up in three seconds, extended in two. A built-in safety feature prevents retraction until flying speed is reached.

The CHAPARRAL interior is smart and comfortable and it's larger than you thought!

Fly the Mooney CHAPARRAL just once and everything else is dull by comparison.

Step up to speed in 1970. Step up to CHAPARRAL. You'll discover what flying is all about!



STATESMAN

There just aren't many airplanes around that come close to the speed, performance and comfort of the 1970 STATESMAN. It was designed for just one purpose: fast, cross-country flying at a practical price. Never has so little bought so much that costs extra on other aircraft. Standard features include electrically-operated retractable gear...electric flaps...pedestal-mounted control console...rollbar cabin construction...PC flight stability system that keeps wings level...integral wing tanks...wrap-around flush-riveted wing skins...and big cabin luxury and size.

Superior performance is standard equipment, too! The STATESMAN's 180hp engine delivers 170mph and 16-miles-per-gallon economy. Easier to maintain, too!

Inside, six panoramic windows and one-piece windshield provide excellent visibility. Deep-foam contoured seats adjust individually. The back seats recline for comfort and relaxation. The large baggage space holds luggage for four.

For big size, comfort and performance, get more for your money, step up to the Mooney STATESMAN in 1970!

Performance...Value



S-



RANGER

Some airplanes lead. Some follow. The 1970 Mooney RANGER puts you far ahead of the wheel-draggers. Here's cross-country flying at its best! You're distance and dollars ahead of all the others.

With 172mph cruise at full gross, 1,000-mile range, miserly ten-gallon-per-hour fuel consumption and featherlight response, the Mooney RANGER leads the field in every performance category.

The RANGER lands at a safe, slow 57mph. Gear retracts in just three seconds, extends in two seconds, all electrically. New power console, electric gear and flaps and PC flight stability system are all standard for 1970.

Join the move from fixed-gear to high performance retractable! Find out why Mooney is the best single engine retractable your money can buy. Your first flight in the Mooney RANGER will be smoother and more responsive than anything you've ever flown before.

Pick up your wheels and go in the Mooney RANGER for 1970. It's tops in performance and right at the bottom of the price range for four-place retractables!

CADET

Learn to fly. Learn modern. Step up to fun. Step up to the MOONEY CADET for 1970!

Flying was meant to be fun...and the 1970 Mooney CADET proves it! This is the one for the beginner or seasoned pilot, wrapped into one beautiful fun-to-fly machine. So easy, you won't believe it: anyone who can drive a car can fly a CADET! Dual controls, individual toe brakes and shock-mounted instrument panel make it the ideal flight trainer.

Forget about slow and sluggish climb! The CADET has the best climb rate in its class. Forget about unwieldy landings. The CADET's new spring-steel landing gear lets you touch down as light as a feather. Forget about unresponsive controls. The CADET obeys every whim of your fingertips. Forget about high operation and maintenance costs. The CADET sips gasoline at a miserly five gallons an hour.

Open the canopy for a real thrill!

Rent it. Fly it. Own it. You'll love it! The Mooney CADET for 1970!

Step up to Mooney

SPECIFICATIONS

	M-22	EXECUTIVE	CHAPARRAL	STATESMAN	RANGER	CADET
Maximum Gross Weight	3680 lbs.	2740 lbs.	2575 lbs.	2525 lbs.	2575 lbs.	1450 lbs.
Empty Weight	2440 lbs.	1640 lbs.	1600 lbs.	1590 lbs.	1525 lbs.	950 lbs.
Useful Load	1240 lbs.	1100 lbs.	975 lbs.	935 lbs.	1050 lbs.	500 lbs.
Maximum Baggage	270 lbs.	120 lbs.	120 lbs.	120 lbs.	120 lbs.	90 lbs.
Fuel Capacity	92 gal.	64 gal.	52 gal.	52 gal.	52 gal.	24 gal.
Wing Loading (lbs./sq. ft.)	22	16.4	15.4	15.1	15.4	10.2
Wing Span	35'	35'	35'	35'	35'	30'
Wing Area	167 sq. ft.	167 sq. ft.	167 sq. ft.	167 sq. ft.	167 sq. ft.	142 sq. ft.
Height	9' 10"	8' 4"	8' 4"	8' 4"	8' 4"	7' 8"
Length	27'	24'	23' 2"	24'	23' 2"	20' 8"
Tread	11'	9' 3/4"	9' 3/4"	9' 3/4"	9' 3/4"	7' 9"
Engine—Lycoming	T10-541-A1A	I0-360-A1A	I0-360-A1A	0-360-A1D	0-360-A1D	C-90-16F
Landing Gear	Electric	Electric	Electric	Electric	Electric	Fixed
Pressurization	4.0 psi	—	—	—	—	—
Flap	Electric	Electric	Electric	Electric	Electric	—

VALUE ENGINEERED FOR PERFORMANCE

PERFORMANCE*

	M-22	EXECUTIVE	CHAPARRAL	STATESMAN	RANGER	CADET
Speed Maximum	256mph	185mph	190mph	174mph	176mph	118mph
Range (Taxi, climb, 45 minutes reserve)	1493 miles	1147 miles	965 miles	979 miles	1001 miles	522 miles
Rate Climb at Sea Level	1125fpm	1330fpm	1400fpm	1100fpm	1000fpm	835fpm
Takeoff Run 0 Wind S/L Std/Day	1142'	879'	760'	847'	815'	334'
Landing Roll 0 Wind S/L Std/Day	958'	785'	595'	724'	595'	431'
Stall Speed (Gear and flaps down, power off)	67mph IAS	62mph IAS	57mph IAS	61mph IAS	57mph IAS	46mph IAS
Operational Ceiling	24,000'	—	—	—	—	—
Service Ceiling at Normal Weight	—	18,800'	21,200'	14,600'	19,500'	15,500'
Power	310hp Lyc.	200hp Lyc.	200hp Lyc.	180hp Lyc.	180hp Lyc.	90hp Cont.
Propeller (Constant speed)	constant speed 80"	constant speed 74"	constant speed 74"	constant speed 74"	constant speed 74"	fixed pitch 71"

*Performance Figures are ± 3%.



MOONEY

MOONEY AIRCRAFT CORPORATION • KERRVILLE, TEXAS