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EXCEPTIONAL

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4 Seats. 2 Doors. Zero Compromises.

PERFORMANCE perfected



Outperforms the competition at every turn

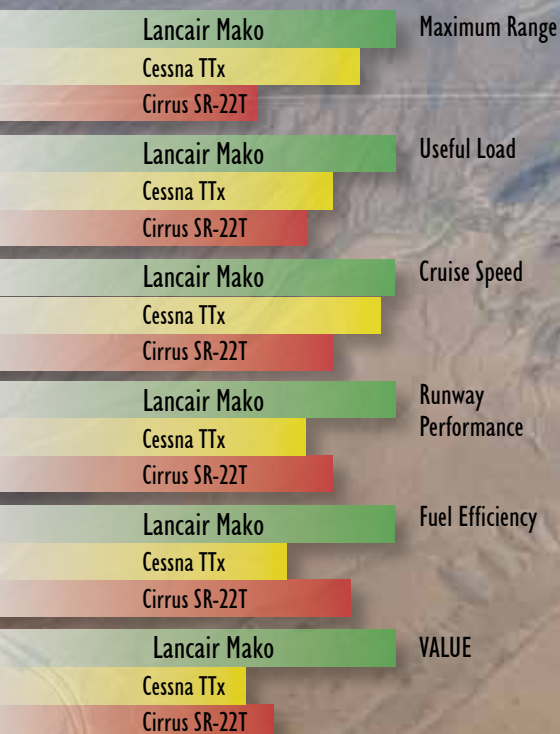
Introduced at EAA AirVenture 2017, the MAKO is the sleek new 4-place design from legendary composite aircraft pioneer Lancair.

With Mako, the emphasis is on *usable* performance — not just ‘bragging rights’ but real world responsiveness you can count on every day. Starting with a sturdy composite airframe that’s built to stringent utility class standards, the Mako is designed for the long haul.

Painstaking aerodynamic refinement helps you get the maximum out of every gallon of fuel without compromising the Mako’s nimble, yet docile handling characteristics. Carefully shaped LED wingtips minimize roll coupling while providing more illumination than even a 747! Finally, the (optional) auto-retracting nose gear adds 10-12 knots of cruise speed by eliminating the high-drag nose gear from the turbulent prop wash — without the potential insurance penalty of a fully retractable gear aircraft.

Ultimate performance is, of course, dependent on the powerplant. And Mako’s robust airframe is engineered to accommodate multiple engine options. Select from a variety of Continental or Lycoming motors — normal or turbocharged — that best match your ‘sweet spot’ for power, range, altitude and fuel consumption.

In short, the Mako offers an unequaled range of options to meet your mission requirements, providing a beautiful, capable and easy-to-fly alternative to Cirrus and Cessna TTx at a fraction of the cost.



Projected Performance	Standard	Turbo
Normal Cruise.....	190 ktas / 218 mph	220 ktas / 253 mph
Fuel Consumption (typ).....	13.5-15 gph	19 gph
Range (w/res)*	1400 nm	1250 nm
Endurance (w/res)*	7 hrs	5 hrs
Rate of Climb @ sea level	2000 fpm	2000 fpm
Take Off Roll @ sea level	600 ft	600 ft
Landing Roll	800 ft	800 ft
Stall Speed	68 kts	68 kts
Wing Loading.....	22.9 lbs/sq ft	22.9 lbs/sq ft
G loading (utility)	+4.4, -2.2	+4.4, -2.2

Standard engine: Lycoming IO-540, 6-cylinder, fuel injected, 3-blade constant speed propeller. Turbocharged version optional.

*with optional 109 gallon fuel tank.

INNOVATION implemented

Exhilarating *and* Efficient

When we looked at the design of other four-seat airplanes, we saw plenty of room for improvement. And more room is what you get. Mako's interior is a spacious 46 inches across and 48 inches in height. Along with the generous shoulder and headroom, passengers enjoy outstanding visibility through large windows and the one-piece windshield. Space is also maximized in the ample baggage area, where you can carry all the gear you need for a lengthy trip.

To keep your passengers seated in comfort, we've included inflatable door seals that keep the cabin shielded from whistling wind and engine noise. A custom sound-proofing package, developed exclusively for Lancair, is available to make the cabin even quieter.

But comfort and convenience doesn't mean sacrificing speed. With a standard Lycoming IO-540 engine, you can cruise smoothly at 220 mph.

Climb rate, takeoff distance and range set new benchmarks for power, performance and efficiency. Plus, thanks to our precision tuned induction system, fuel consumption is 10-15% less than other similarly powered aircraft.

Innovation is key to Mako's performance. The auto-retractable nose gear streamlines Mako's aerodynamics while twin gullwing-style cabin doors make cabin access easy for passengers and pilot alike. New high-style wingtips improve handling by reducing roll coupling, while improving nighttime visibility with 600,000 candela of high-intensity LED light — brighter than a Boeing 747!

The new Lancair Mako synthesizes 35 years of aviation experience into one unforgettable aircraft. An ideal balance of comfort and capability at a price no comparable plane can match.



COMFORT & CONVENIENCE



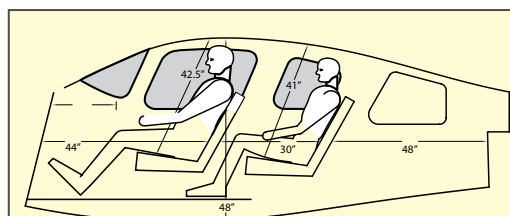
From the moment you settle into the seat and pull the gullwing door closed, you'll feel like the Mako was made for you. The sleek aesthetic of the aircraft's exterior is echoed in the purposeful interior design. Like a premium sports sedan, Mako's cabin provides an inviting environment with superb visibility and exceptional control.

Mako's cabin design is driven by ergonomics as much as by aerodynamics. Behind the raked panoramic windshield is a cozy, comfortable cockpit, optimized for piloting from either side. The center console stick and dual side-mounted throttles offer pilots an easy-to-fly aircraft that makes even long flights a relaxing experience.

Supple ergonomic seating keeps passengers comfy and secure, while careful attention to streamlining, form and fit ensures a quiet cabin with minimal noise and vibration. And interior customization is virtually unlimited. From the outside in, optional upgrades include everything from dual gullwing doors, articulating seats and electric freon air conditioning to inflatable shoulder harnesses and state of the art entertainment and lighting packages.



The real test is a long-range flight. After comparing to a 5 or 6 hour flight in a Cirrus or a TTx, the Mako's form-fitting seats and comfortable control layout will ensure you touch down feeling rested and ready for whatever's next.



Cabin Area

Seats	4
Width (interior front)	46 in
Width (interior rear)	43 in
Height (interior)	48 in

AVIONICS

Just below Mako's panoramic windscreen lies a clean, uncluttered instrument panel, designed to embrace the pilot with essential information and superb visibility. The 'pistol-grip' style control stick emerges from a center console designed to easily accommodate a Garmin GTN-750 Com/Nav/GPS unit. Simple, intuitive controls for engine start, fuel and essentials are fingertip-accessible, while ample space for dual Garmin touchscreen PFD/MFD displays resides in direct view of both front seat occupants.



Dual side-mounted throttles make fine engine control a snap, while integral air conditioning vents and LED lighting keep the cockpit comfortable and well illuminated in any weather conditions.

Perhaps the best attribute of Mako's avionics, however, is the opportunity to customize your panel to your specific desires and budget.

Lancair's avionics design experts are ready to help you engineer a purpose-built cockpit that is perfectly suited to your preferences. With high-capacity electrical supply and ample space for expansion both on the panel and behind it, Mako is ready for whatever avionics suite you can imagine.



Selected Avionics Options

- Garmin G3X Touch 10.6" PFD/MFD
- 2nd Garmin G3X Touch 10.6"
- Garmin GTN-750 Com/Nav/GPS
- 2nd Garmin GTN-750 Com/Nav/GPS
- Garmin GTN-650 Com/Nav/GPS
- 2nd Garmin GTN-650 Com/Nav/GPS
- Garmin GAP-66 Autopilot
- ADS-B In & Out
- FlightStream 210
- Garmin TFC-8000 Active Traffic
- Angle of Attack System
- iPad w/ Mount + 1 yr FlightAware



DIMENSIONS & DYNAMICS



Specifications	Standard	Turbo
Length	25 ft	25 ft
Wingspan	36.6 ft	36.6 ft
Height	7.66 ft	7.66 ft
Wing Area	140 ft ²	140 ft ²
Aspect Ratio	9 : 1	9 : 1
Empty Weight	2200 lbs	2250 lbs
Gross Weight	3550 lbs	3550 lbs
Std. Fuel Capacity	75 gal	75 gal
Optional Fuel Capacity	109 gal	109 gal
Useful Load	1350 lbs	1300 lbs
Baggage Capacity	175 lbs	175 lbs

Is there a 'perfect' size and shape for an airplane? If so, the Mako's sensuous body embodies the closest approach yet to the ideal 4-place aircraft. Achieving a blend of clean lines, fuel efficiency, passenger space and docile handling that competitors just can't equal, the Mako sits squarely in the 'sweet spot' for a high-utility single engine plane.

Mako achieves exceptional efficiency through proven aerodynamics, strong yet lightweight composite structure, auto-retracting nose gear and optimized LED wingtips. It's effectiveness is reflected in range (over 1500 miles), fuel consumption (under 15 gph, normally aspirated) and cruise speed (180 - 190 knots without turbocharging).

The high-strength, lightweight airframe provides superb runway performance (600 ft takeoff / 800 ft landing roll) from grass, gravel or paved airstrips, breathtaking 2,000 fpm climb rates and robust durability in the event of serious weather. For the ultimate in confidence, a BRS ballistic parachute system is available as an option.

Moreover, the Mako excels at "active safety" - also known as excellent handling. The easy-to-fly aircraft offers a rare combination of responsive, nimble handling and excellent stability, rewarding pilots with tactile feedback and exceptional ergonomics.



BUILDING YOUR MAKO

Originally created in 1999, our **Builder Assist Program** set out to help jump-start our builders and cut off up to a year of build time. The program teaches proper composite skills, provides you with experienced technical assistance in the crucial early stages of your aircraft assembly and allows a major portion of your aircraft to be completed in record time.

Conducted at our facility in Uvalde, Texas, our Builder Assist Program allows you to completely close out both wings, horizontal stabilizer and elevators in a single week. Stay for a second week and install your door, windshield and windows. Lancair provides the fixtures, tools, supplies and one-on-one training, letting you head home with not only a lot accomplished, but also the knowledge and confidence to quickly and accurately complete your airframe.

We have expanded the Builder Assist Program to include the option to finish building your airplane at our facilities, with our guidance, in our optional **Builder Completion Program**. In just a matter of weeks you will be flying home in your new Mako.

Fast Forward

with our Firewall Forward Option

To further simplify the builder assist process, we can Fastbuild your engine for you, saving you valuable time and effort.

We will install your engine to the mount and add all baffling, hoses, prop governor, and other necessities to completely plumb your engine. We can also install all of the firewall mounted items needed for your engine installation onto your firewall before your fuselage leaves our facility. With these two options, your engine can be mounted and fully plumbed in less than a day.

Call 866-LANCAIR
(866-526-2247) or
830-423-3005 today
for more information
on builder assistance
and other service and
support options.



OPTIONS

AIRFRAME

- Right side gullwing cabin door
- Ballistic parachute recovery system
- Auto-retractable nose gear
- Electric Freon air conditioning
- Ice Protection System
- Beringer Main Wheel Brakes
- Electric Speed Brakes

ELECTRICAL

- LED lighting package
- High-capacity Lithium battery upgrade
- VPX Electronic Circuit Breakers

CABIN

- Generation II articulating seats
- Inflatable shoulder harness
- Entertainment package
- Insulation package

ENGINE & PROPELLER

- FADEC-lite engine control
- Continental or Lycoming powerplants
- Hartzell Scimitar or MT/Whirlwind prop



Experience Lancair Performance for Yourself.

Because seeing is believing, we invite you to visit our facilities and experience the Mako and our Builder Assist Program first-hand. More than just a simple factory tour, we'll illustrate to you the insight, the process and the attention to detail that make Lancair aircraft the finest in the sky, and among the easiest to construct in the kit aircraft industry. Then, after a demo ride in the Mako, you'll be convinced. Mako combines speed, utility and incredible ramp appeal—all in one elegant, cost-effective package. That's the Lancair difference. That's Lancair performance.

LANCAIR

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