

**The Essence of Flying**





# The Fun is Back in Aviation

Have you seen it? There's a new personal aircraft on the general aviation market, and it's making waves. OMF Aircraft is building a new two-seat single engine aircraft that makes flying fun again—the Symphony 160.

This aircraft has been IFR certified to new and stringent FAA Part 23 Rev. 26 specifications, and offers everything you want in personal



**OMF** Aircraft



## *Symphony 160*

transportation—sporty good looks, performance and comfort. It's easy to fly, easy to land, and easy to maintain. And, it's priced more affordably than anything on the market.

If you just love to fly, and want to own something new and sleek, this is the aircraft you've been waiting for. Whether you're looking to buy your

first aircraft, or want an aircraft with low capital and direct operating expenses, look no farther than the Symphony 160. You have the freedom to pursue your other passions.

Come and discover what's new and fun in personal aircraft—the OMF Symphony 160.





# The Thrill of Flight

Climb into the cockpit of a Symphony 160, and you know you're in for an unforgettable flying experience. The seats are exceptionally comfortable, and the cockpit is roomy, with an armrest sculpted into the door. Spread out before you, state-of-the-art 21st century avionics display at a glance all the flight information you need to know.



Taxi out to the runway, and feel the 160 hp Lycoming O-320 engine roar to life. She wants to fly—almost as much as you do—and she makes flying easy. As the wheels leave the ground, you feel that exhilaration that only pilots know.

Once you're airborne, that familiar sense of peace settles in around you. Savor the view out all the big windows, and take in the beauty of earth and sky. You feel a little chill run up your spine. It's just you and your Symphony, with the whole world spread out before you. Those poor folks stuck on the ground don't know what they're missing. In a Symphony 160, you can have it all.



# It's the Journey that Matters

Maybe you'd like to shoot a round at a golf course you've never played before. Or nothing sounds more exciting than taking to the open water on your boat. Or you have your heart set on meeting your family and friends for a quiet weekend at your vacation home. It's all within reach when you fly your Symphony 160.

## Making your Lifestyle Possible

You want to spend more of your valuable time where you want to be, when you want to be there—not driving there. After all, there's never enough time for fun! Or perhaps time is tight, and flying your Symphony is the only way to turn a limited amount of time into a real getaway.

Getting there is half the battle, they say.



When you're traveling in an OMF Symphony 160, getting there is more than half the fun! Flying a Symphony, you'll arrive at your destination quickly and comfortably, ready for whatever adventure comes next.

But this aircraft is about much more than just transportation. How often have you looked forward to spending your leisure time in an exciting location but dreaded what you'd have to

endure to arrive there? The Symphony 160 makes getting to your chosen destination an essential part of the fun, not a chore that makes the experience possible.

With a roomy cockpit, high-tech seats and lots of windows, this aircraft is designed to get you to your destination in comfort and style. How often does the travel become a highlight of the trip?

After all, life is about much more than reaching the destination. It's the fun of the journey that matters.





# Designed with Pilots in Mind

The Symphony 160 was designed by pilots, for pilots. The OMF Aircraft design team went out and found the best components and technology available internationally, and used it to create a new personal aircraft that is taking the market by storm.



That's why you see a combination of materials in the aircraft. The design team analyzed carefully all structures and components, and determined how to get the most benefit for the least weight and

the least cost. The traditional steel tube roll cage gives the aircraft a strong foundation. For some elements, like the wings, rudder and stabilizer, the answer is aluminum. But when it comes to creating the complex curves of the fuselage, fiberglass composite fits the bill perfectly.

Partnering with the best in the business, OMF has incorporated into the Symphony well-established, commonly available components, from the Lycoming O-320 engine to the Cleveland wheels and brakes.



Service is a breeze on the Symphony.

The result is an aircraft with a real-world useful load, a cruising speed of 128 kts and first-rate take-off and landing performance. This is an aircraft that's easy to fly and easy to land.



There are no tricks to latching the doors on the Symphony. Simply pull the door shut and engage the machined aluminum door latch to engage the three locking pins and secure the door. Note how the door fits perfectly into the

frame. It's just one example of the attention to detail you'll find throughout the Symphony.

Comfort is key on a longer flight. Our cockpit is roomy enough to fit two full-size adults with ease. The seats were designed using Formula 1 auto racing technologies and materials, including honeycomb



aluminum crush elements and memory foam in critical areas, exceeding the latest FAA standards.

The Symphony's baggage compartment is roomy enough to hold a pair of golf bags,



overnight luggage or anything you need for your adventure. And our usable load is large enough to accommodate two passengers, baggage and full fuel.

## Top-Notch Avionics

The Symphony is fully IFR certified and has excellent avionics. The VM1000 accurately monitors a wide variety of engine functions,

from oil temperature and pressure to fuel pressure and flow, and displays the information digitally. Its computerized digital engine monitoring system informs the pilot when readings begin to vary from the expected norms, helping the pilot predict engine failure, not report it after the fact.

The Symphony offers the state-of-the-art Garmin 400 series Nav/Com equipment, the highest level of technology available.

At night or in IFR conditions, the instrument panel is easy on the eyes. It is bathed in light from light tape and high intensity LEDs.

The OMF Symphony 160— it's an aircraft dreams are made of.





# Committed to Quality

In the final analysis, the quality of an aircraft is only as deep as the strength of the company that designs, manufactures and supports it. OMF Aircraft is the company behind the Symphony 160.

OMF Aircraft was founded in Germany by Mathias and Derek Stinnes, a father and son team with a passion for aviation and a head for business. Well-established in the transportation industry, the Stinnes family owns and operates a group of companies that work in railroads, trucking and shipping, as well as aviation.



Matt and Derek saw a void in the market for a sleek and sporty two-place aircraft, and knew they could build a plane to fill it. Their engineers and designers jumped on the opportunity, and created the ideal aircraft to meet the needs of that specific market. The Symphony 160 received German LBA certification in August 2000, an FAA Type Certificate in April 2001, and IFR certification in June 2002.

OMF Aircraft builds Symphonies in a 17,222 sq. ft. factory outside Neubrandenburg, 60 miles north of Berlin. They are shipped in containers to the United States, where the wings are attached.

The Symphony is built with a large number of standard parts that are readily available in the United States. Nuts, bolts and screws are English, not metric, and can be found everywhere. Components, from the bulletproof Lycoming engine to the quality Cleveland wheels and brakes to the state-of-the-art avionics, are common in aviation and can be found at major FAA certified repair stations. Every Symphony is delivered with a complete maintenance manual that will help these repair stations work on your aircraft.



OMF Aircraft offers a full warranty on the Symphony 160 of two years or 500 hours, whichever comes first. Component manufacturers offer their own warranties. An extended warranty for commercial customers is also available.

OMF is committed to a North American parts distribution system capable of delivering the vast majority of Symphony—specific parts within a day. OMF's goal is the same as yours—to keep you and your aircraft flying. After all, you've earned some fun in your OMF Symphony 160.



## The OMF Aircraft Quality Promise

OMF Aircraft understands that other international aircraft companies have not met expectations for service after the sale.





## Symphony 160 Specifications

Wing Span	35.00 ft
Length	22.84 ft
Height	9.25 ft
Cabin Width	43 in
Takeoff Weight (max.)	2150 lbs
Useful Load (max.)	700 lbs
Maximum Baggage Weight	165 lbs
Typical Empty Weight	1450 lbs
Fuel Capacity - Useable	30 gal
Propeller	Fixed Pitch MT Propeller, composite
Engine	Lycoming O-320 D2A 160 hp
Avionics	Bendix/King or Garmin
Engine Monitoring Standard	Vision Microsystems VM 1000
VNE	162 KIAS
Exterior Noise (takeoff)	69db
Limit Loads	+3.8g to -1.5g (flaps up)
Recommended Engine TBO	2,000 hours

## Performance at 1,960 pounds

### IFR Certified

Cruise (74% power @ 8000ft)	128 KIAS
Rate of Climb (MSL)	850 fpm
Service Ceiling	16,400 ft
Stall Vs (flaps up)	57 KIAS
Stall Vs (flaps full)	48 KIAS
Landing (MSL - over 50 ft. obstacle)	1,837 ft
Landing (ground roll)	755 ft
Takeoff (MSL - over 50 ft obstacle)	1,214 ft
Takeoff (ground roll)	919 feet

*Performance Data is based on International Standard Atmospheric Conditions (ISA)*

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