

*Riviera
by
lane*

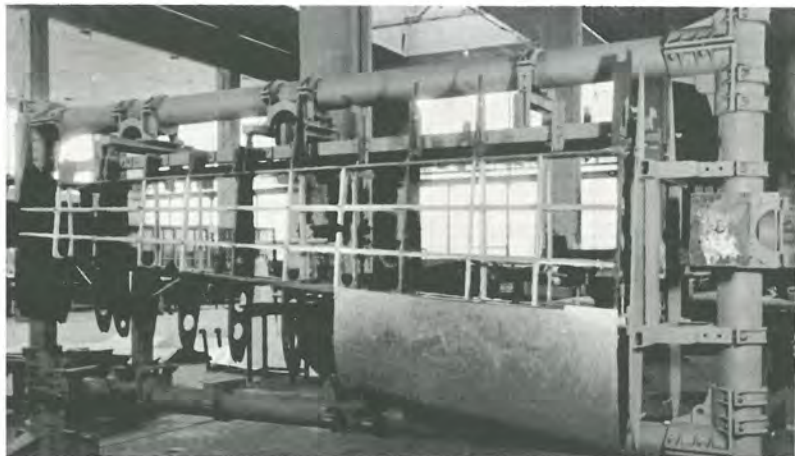
*informational
report
No. 1*



unhurried European craftsmanship

unmatched American engineering

A brilliantly and beautifully designed aircraft—executed in the fine European tradition with absolute attention to each detail — fitted with precision American instruments and radios, famous Continental engines. The Riviera by Lane represents an ultimate accomplishment in personal aircraft... a great adventure for pilots who have never flown amphibian before.



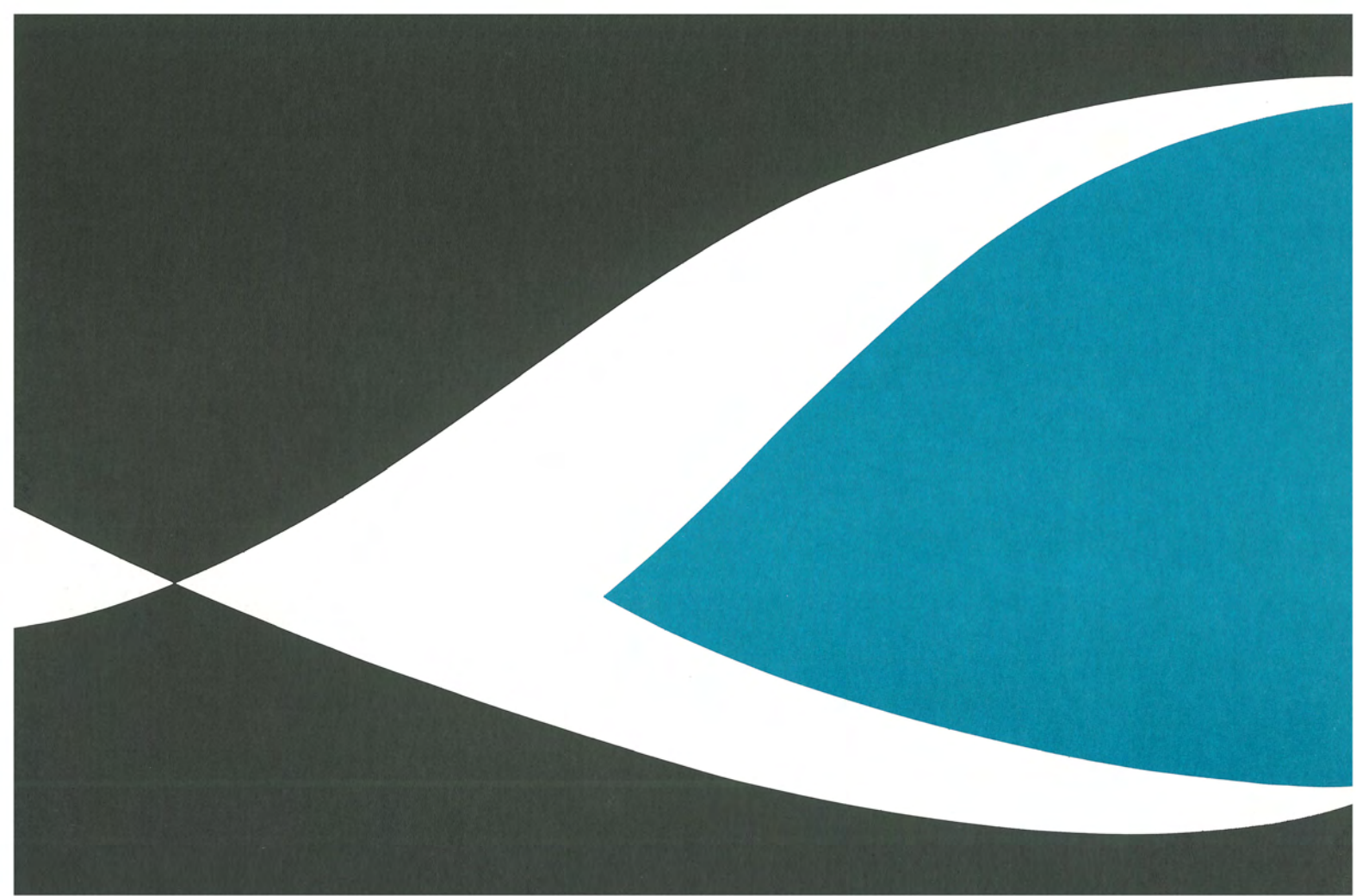
land based performance amphibian mobility

Have greater freedom of where you go . . . where you land!
The all new Lane Riviera gives you water-land advantage —
plus speed and performance never before delivered by a single
engine amphibian. The Riviera cruises at over 165 m.p.h. —
has a top speed of 182 m.p.h.

Water rudder and reversible propeller make docking on water
easier than ever before — and on the land, the steerable nose wheel
gives unique maneuverability on crowded ramps.

The Riviera is a luxurious, roomy, magnificent 4 place plane.
Of all-metal construction . . . even more remarkable
because it is the first amphibious aircraft ever offered
which gives the top performance characteristics of a landplane.





all metal construction

The Rugged Riviera... designed and built to take the rough handling required by any seaplane. The husky hull is of the stressed skin type with nine water-tight compartments. U. S. Navy specifications have been applied to the finishing coats, the lubricants and the contact of dissimilar materials. Where full corrosion proofing is required, stainless steel and nickel alloy are used. This means resistance to weather and exposure, longer life, lower upkeep, lasting beauty and adds an important margin of sturdiness.

interiors

Smart Italian styling makes your Riviera cabin the most beautiful room in the air. Wonderfully comfortable, too... planned for complete luxury, absolute convenience. Deep wool carpeting, foam seats — with upholstery of top grain leather and rich fabric—all color coordinated with the exterior of the plane. You'll invite your friends aboard with new pride. You'll have a new enthusiasm for travel... go more for pleasure, see your business increase.

engine

The Riviera gives you the comfort of power in reserve. Great 250 H.P. Continental engine has continuous flow fuel injection... with better acceleration, freedom from icing, longer spark plug life, higher horsepower, improved starting, lower cylinder head temperature and longer range. Selected above all other engines in the world on the basis of greater reliability, reduced maintenance. Important, too... the Riviera permits in-flight "fuel management" for maximum efficiency!

flaps

Hydraulically operated, split type, dual-purpose flaps offer high lift for shorter performance take-offs. Extra large flap surfaces provide high drag for shorter landings.



brakes

Safe, sure stops . . . with outstanding individually operated toe brakes. Big dual cylinder hydraulic brake system responds instantly to light pressure from toes and allows short, pivotal turns while taxiing and parking on congested fields.



water rudder

Raises or lowers hydraulically by pressing a button. When fully lowered, the water rudder is connected to the rudder pedals and is steerable up to 30° at full rudder pedal travel. Unique Riviera design permits the water rudder to center and retract from any position. Any shock or jamming of the water rudder in the down position does not prevent rudder pedals from being operated. Automatically retracts when button is released. Rides deeply immersed out of the hull wake. With the Hartzell reversible propeller, the Riviera is one of the easiest maneuvering amphibians ever made.

instrument panel

Superbly arranged for easy-to-read, easy-to-use safety. Post lighted instrument panel puts everything where it can be seen and reached quickly, with a minimum of effort. Flight instruments are directly in front of pilot. Radio equipment is mounted in the center of the panel and engine instruments are to the right.



landing gear

Husky, fully retractable, hydraulically operated landing gear has been especially designed for a water environment. Stainless steel and nickel alloys are used where fully corrosion proof metals are required. Steerable nose-wheel with its positive control makes turning and parking a pleasure. Mechanical lock prevents inadvertent retracting of gear while airplane is on the ground.

wing tip floats

Hydraulically operated with a mechanical lock in the upper position and a hydraulic lock in the down position. The floats are connected by specially calibrated pins which will shear when the floats are overloaded, rather than cause damage to the floats or wings. When retracted, the floats supply end-plate effect, actually increasing wing lift and overall wing efficiency.



propeller

Pull the safety locked, Reversing Lever, and the Hartzell propeller goes into reverse . . . letting you inch your way up to the dock or back away. You can bow dock the Riviera with ease of mind because the propeller is within the "safety zone" of the twin tail booms. This means extra safety for you and for dock personnel.



visibility

Unequaled . . . in every direction! The Riviera gives you all the advantages of high wing stability plus the extra visibility possible when wing is mounted to the rear of the cabin. Aerodynamically tapered nose design permits unequalled ground vision at all times.

cargo

Transition from passenger to cargo carrier takes only minutes and provides extra utility. The yard-wide doors make loading and unloading a fast, easy job. Cargo tie-down lugs are available as optional equipment.

gear float indicator

New, simple, exclusive . . . utilizing both color-key and complete-word lighting signals . . . the result of an extensive research program. Designed especially for the amphibian pilot.

equipment installed at no extra cost

Dual Controls
Turn and Bank Indicator
(electric)
Vertical Speed Indicator
Horizon and Directional
Gyros — Remanufactured
(Includes Vacuum
System)
Airspeed Indicator
Sensitive Altimeter
Tachometer (Electric)
Magnetic Compass
Manifold Pressure Gauge
Fuel Quantity Gauge
Fuel Pressure Gauge
Cylinder Temperature
Gauge
Oil Pressure Gauge
Oil Temperature Gauge
Hydraulic Pressure Gauge
Ammeter
Clock
Vacuum Gauge
Corrosion Proofing
Stainless Steel Cables
Ground Service Plug

Heated Pitot Tube
Landing Gear Position
Lights
Float Position Lights
Flap Position Indicator
Landing Gear, Float
Warning System
Stall Warning System
Ventilation Control
Vernier Throttle Control
Vernier Propeller Control
Vernier Mixture Control
Cabin Heater and Defroster
Control
Elevator Trim and Indicator
Glove Compartment
Armrest
Cigarette Lighter
Dome and Post Instrument
Lights
Tie Down Rings
Adjustable Seats
Adjustable Sun Visors
Ash Receivers
Assist Straps
Control Lock

Windshield Defroster
Adjustable and Removable
Rear Seat
24 Volt Electrical System
Doors and Ignition Locks
Navigation Lights
Constant Speed Hartzell
Propeller — Reversible
Pitch
Propeller Spinner
Complete Over-all Paint
(U. S. Navy
Specifications)
Hydraulically Operated
Tricycle Landing Gear
One Engine-Driven
Fuel Pump
One Electric Fuel Pump
One Engine-Driven
Hydraulic Pump
Manual Emergency
Hand Pump
Hydraulic Brakes
(Toe Operated)
Parking Brakes
Floor Carpet

Shock Mounted Instrument
Panel
Electric Engine Starter
(Push Button)
Stainless Steel
Exhaust Tubes
25 Amp. Generator and
Voltage Regulator
Landing Lights
Circuit Breakers
Steerable Nosewheel
Sound Proofing
Hydraulically Operated
Water Rudder (Up or
Down Positions)
Anchor
Magazine-Map Pockets
Foam Filled Seat Cushions
Fuel Selector Valve
Utility Shelf
Headphone & Jack
Dual Magnetos
Engine Ignition Shielding
Retractable Wing Tip Floats
Hydraulically Operated
Flaps



Executive Offices, 715 Exchange Bank Building, Dallas, Texas