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Bendix Air Races Collection - 1938 National Air Races (Cleveland), Official Directory and Log, September 3-5, 1938

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LIGHTER STRONGER SAFER

[[image]]

Dismantling the "Pioneer," original stainless steel airplane, built experimentally six years ago by Edward G. Budd Manufacturing Company. All-welded stainless steel construction made this ship lighter, stronger, safer.

[[image]]

The "Sea Bird," a cabin amphibian manufactured by Fleetwings, Inc. It is made entirely of steel, with the exception of the motor and wing covers. Weight-2,450 pounds. Cruising speed-135 m.p.h.

[[in a box]]

Aviation Supplies

Made by

AMERICAN

STEEL & WIRE COMPANY

For Airport Construction

Fence

Steel Fence Posts and Gates

Electrical Wires and Cables

Wire Fabric for Concrete Reinforcement

Guard Rail

Strand

Wire Rope

Wire Nails

For Airplanes

Airplane Strand and Cords

Ignition Wires and Cables

Stainless Steel

Electrical Wires and Cables

Cold Rolled Strip Steel

Tie Rods

Springs

[[image]]

The "Sea Bird" is the first stainless steel aircraft to be made commercially available to the flying public. The use of stainless steel, welded by a special process, affords added durability against corrosion and fatigue obtainable in no other way.

"No sign of wear, no deterioration, no corrosion of structural parts or welds"- that's what engineers found when they recently dismantled and inspected the "Pioneer," first experimental stainless steel airplane ever built.

This ship spent three years undergoing gruelling tests and in active service. More than 25 pilots flew it in America and Europe. It was looped, barrel-rolled, and stunted as a pursuit plane. It was even landed several times with its landing gear retracted, to demonstrate the strength of its hull. Twice it crossed the Alps, fully loaded, at 16,000 feet. Airplanes made of USS Stainless Steel are LIGHTER- because stainless has the highest known strength-weight ratio. STRONGER because stainless is the strongest of all commercial metals. SAFER because stainless is immune to atmospheric corrosion and retains its physical properties at high temperatures, thereby affording protection

LIGHTER • STRONGER • SAFER

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—the dead enemy of the Rust.

See wonder map right, international engineers are now thinking in terms of stainless steel construction.

Aviation Supplies
STEEL & WIRE COMPANY
 12345 Main Street
 New York, N.Y.
 Branches: Boston, Chicago, Cleveland, Detroit, London, Los Angeles, New Orleans, Philadelphia, Pittsburgh, St. Louis, San Francisco, Seattle, Washington, D.C., and many others.

AMERICAN STEEL & WIRE COMPANY
 CLEVELAND • CHICAGO • NEW YORK

UNITED STATES STEEL

against fire- the dread enemy of the flyer.
No wonder top flight aeronautical engineers are now thinking in terms of
stainless steel construction.

AMERICAN STEEL & WIRE COMPANY
CLEVELAND CHICAGO NEW YORK
UNITED STATES STEEL

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