NEW ENGINE SILENCER

Noise from an airplane engine has long been the cause of much discomfort to pilots and especially to timid passengers who are often terrified by the exhaust of an engine running at full throttle. A new device which has just been developed and put into limited production by the Southern Airways at Dallas, Texas, is designed to reduce the engine noise to a minimum. This device, which is classified as a "vacuum muffler," has been in the course of development for three years by the Southern Airways engineers. As these mufflers have been in use for more than six months on several high-speed motorboats and on some test airplanes, they have past the experimental stage.

The mufflers weigh but little more than the standard exhaust manifold and their resistance to the air is not much greater; they are easily installed. Construction is as substantial as the common exhaust manifold, being made of the same material.—Aero Digest.

THE AFTERMATH

A revenue officer was hunting for an illicit still in the Tennessee mountains when he chanced to meet a native, a boy some twelve years of age. "Is there a whiskey still near here young man?" he asked.

"Yes," answered the boy, "right up the side of this mountain."

"I'll give you a dollar to show me the way to it."

"Gimme the dollar," said the boy, as he started towards the still. After going some distance the boy pointed toward the still and said:

"It's right up there, where you see that smoke."

"Come along with me," said the revenue man, "I want you to show me the way back," handing the boy another dollar as he spoke.

"Mister, you ain't coming back," answered the boy, as he started back down the mountain.
Steel Sheets

Sheet metal serves increasingly the engineering, railway, industrial, and general construction fields. This Company is the largest and oldest manufacturer of Black and Galvanized Sheets, Special Sheets, Tin and Terne Plates for every known purpose—and with highest quality standards rigidly maintained. Sold by leading metal merchants. Send for booklets.

Bailey Meters

BAILEY BOILER METERS are of real assistance in obtaining maximum efficiency and capacity from boiler operation because they record the rate of Steam Flow from the boiler, the rate of Air Flow through the furnace and the Flue Gas Temperature on a single uniformly graded chart. The relation between the Steam Flow and Air Flow shows instantly whether an excess or a deficiency of air is being supplied. Stoker speed as well as the integrator for Steam Flow may be added.

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BAILEY METERS FOR COAL AND GRANULAR MATERIALS measure coal, crushed ore and other granular materials in large quantities.

BAILEY FLUID METERS record and integrate the flow of steam or water at any pressure or temperature. The meters may be supplied with pressure recorders, temperature recorders or both.

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