



David Orr (CA) - Someone I flew with to Kanab had an aluminium spinner split in flight and become a large source of vibration. We have all gone to lighter weight ones like Klaus' Kevlar Hershey Kiss type or the Santa Monica boy's smaller clone.

The aluminum spinner was designed to have a front plate, where the spinner leading edge is and a back plate under the prop's crush plate. After thicker props have been installed, the back plate will no longer fit and it is discarded. The remaining spinner support is now at the base of the spinner. That one plate does not provide enough support.

The failed spinner had only one support plate. In fairly close formation the spinner had a 3/4" wobble. The prop was very straight but the pilot reported severe vibration. I headed him off to a desert strip, cleared it for his landing, removed the spinner and continued to Kanab.

At Kanab we discovered the vibration had caused mag screws to back out. After the race, 3 prop bolts were broken and sticking out of the prop. The lug drive holes were egg shaped which made us all nervous. This was all from a spinner that had self destructed.

Electric Trim

Jim Voss (TX) - I have installed electric trim in my Long-EZ by using Mac servos attached to my current manual trim levers. These servos are available from aircraft suppliers or directly from the company which advertises in all the homebuilder magazines. This mod is relatively easy to do, it doesn't change the flying qualities of the airplane (which I like a lot), and even in the unlikely worst case of a trim system hardover failure you just fly to land with stick pressure against the trim springs.

I did my pitch trim first and that is what I will describe now. I have an electric

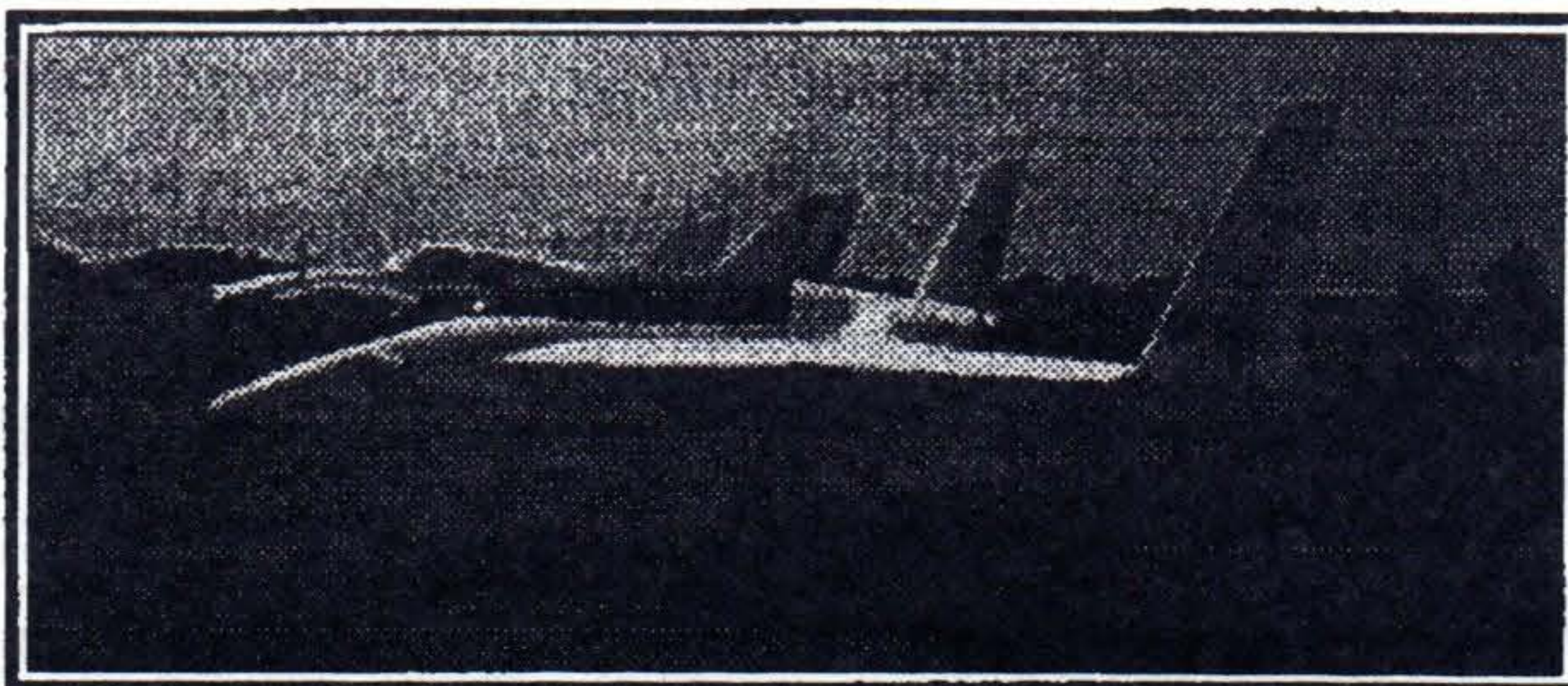
Long-EZ Project For Sale

Long-EZ 60% complete, fuselage complete on the gear, brakes and wheels installed: GU canard and elevators complete with first fill layer & sanded; wings, ailerons, and center section spar complete. I am a military pilot, have been transferred to England and can not take the project with me. Extras incl.; \$6500 firm. Excellent workmanship. Contact:

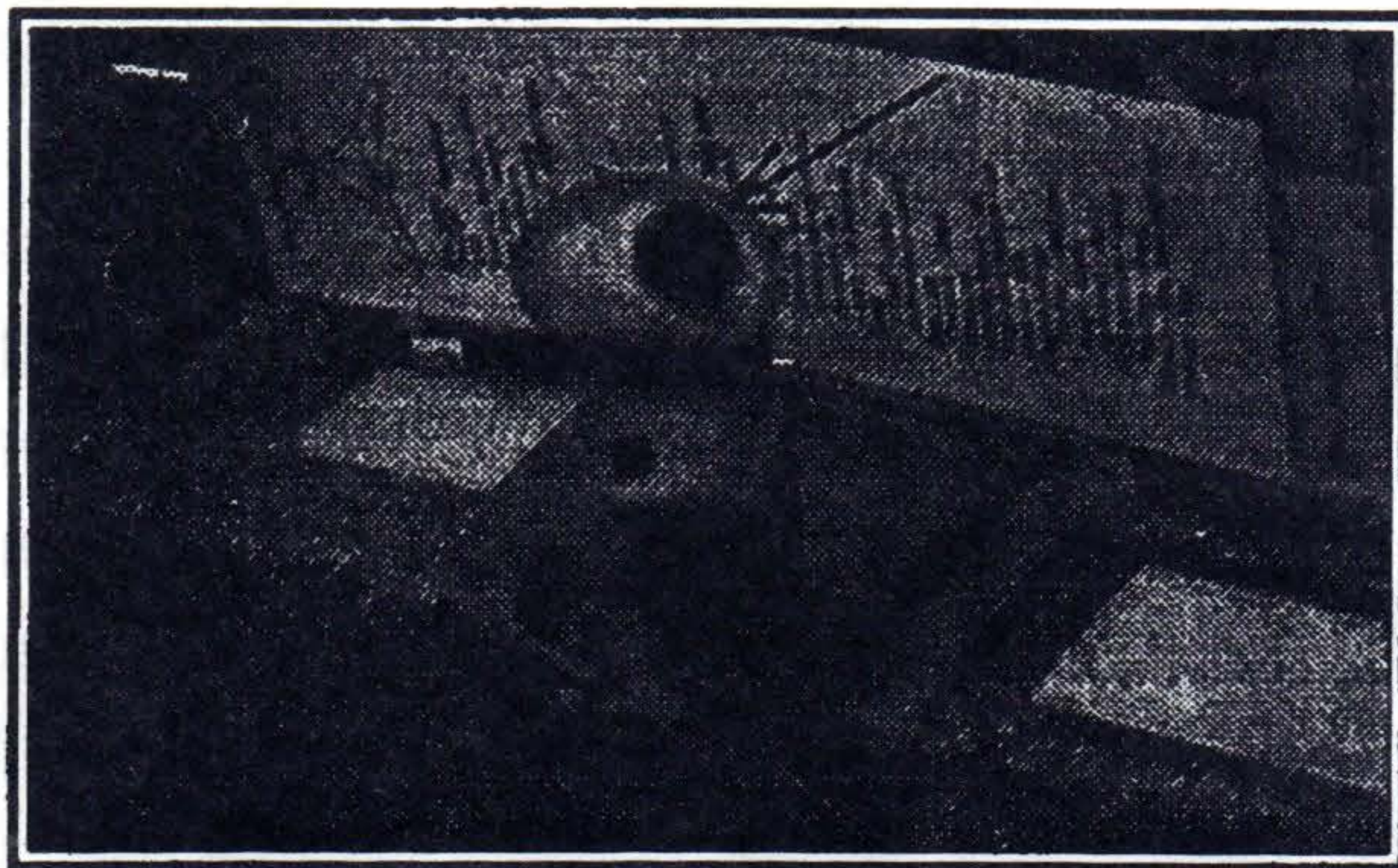
Mark Beres
1206 W. Broadway
Enid Oklahoma
(405) 242-8451

Arizona Sized Oil Cooler

Bruce Vinnola (WY) - One of the best kept secrets in homebuilt aviation is an oil cooler available from Shirl Dickey. When Shirl ruptured a certified aviation oil cooler with his V-8 powered E-Racer, he set out to create a suitable alternative. He succeeded with his conversion of a heat exchanger that is rated at 175 psi working pressure (burst pressure unknown). The cooler is Arizona sized at 6.3" x 3.8" x 13.5" and comes with AN fittings. \$180. Shirl's number is: 602-427-6384



The primary mission of Tom Kohm's Long-EZ is to provide transportation between Westhampton Beach, NY and Morehead City, NC.



Jim's roll and pitch trim servos are controlled by a neat coolie hat switch provided by Mac servo people. This professional looking installation eases pilot work load.



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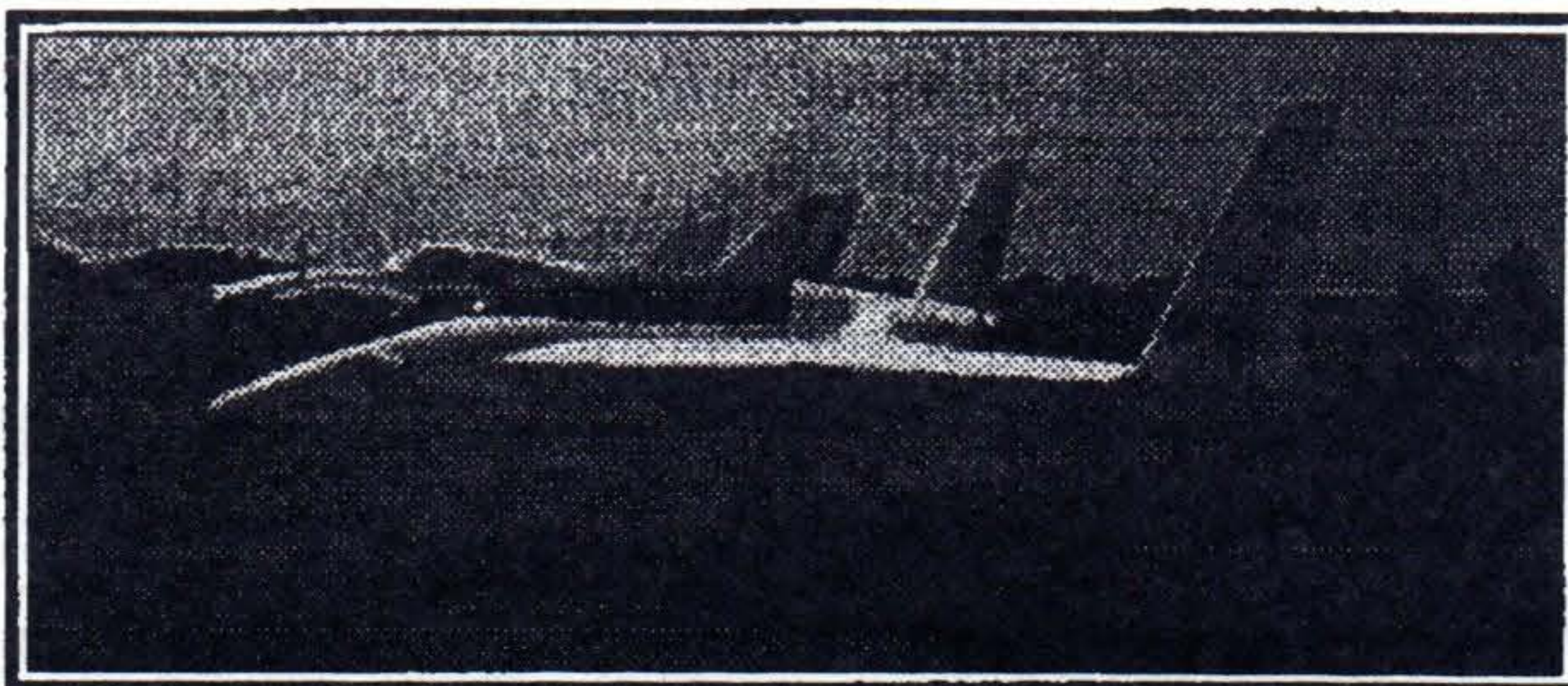
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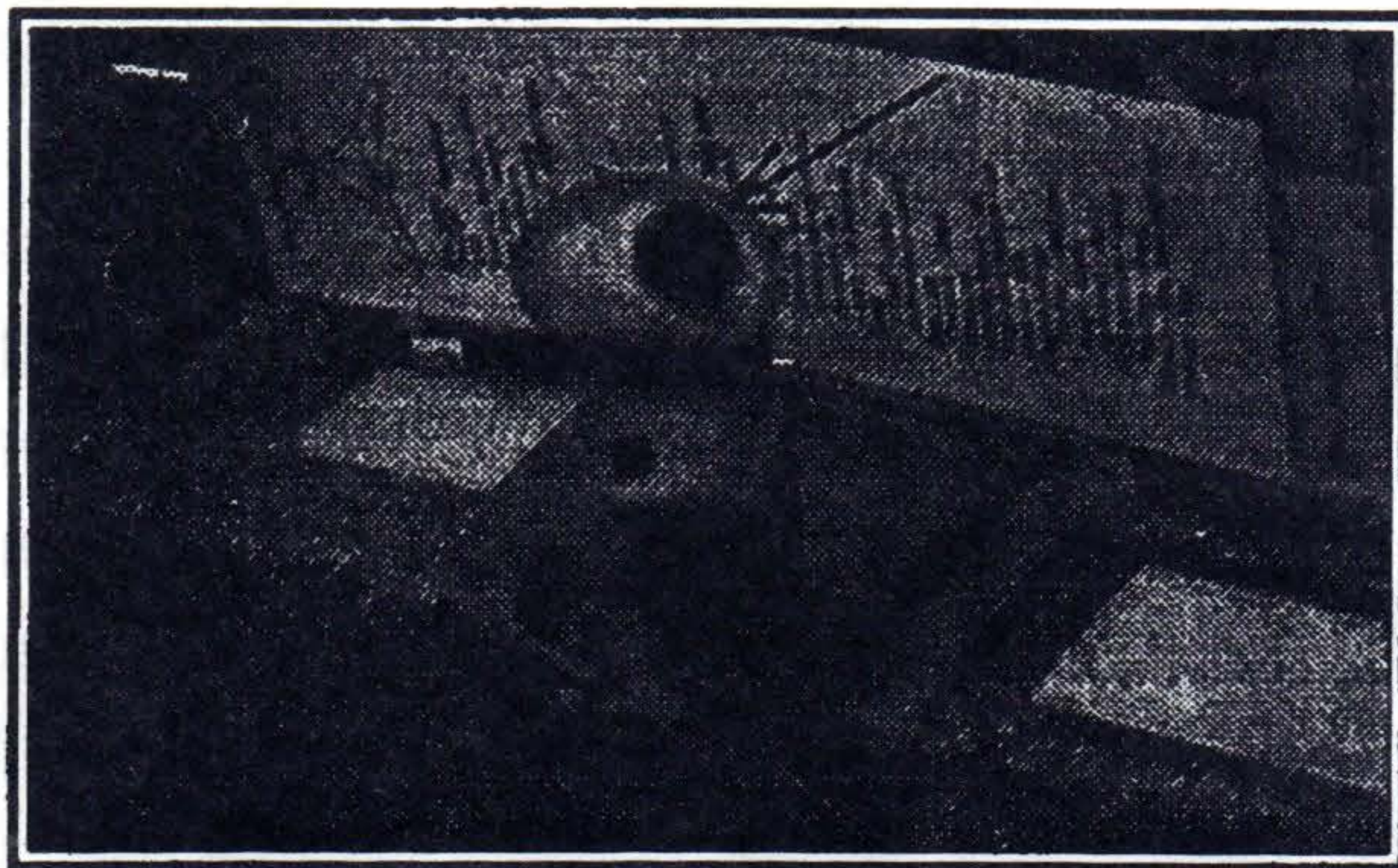
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