CIVIL AERONAUTICS BOARD
WASHINGTON, D. C.

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BULLETIN

WHEN PROPELLERS KICK, THEY KICK HARD

So, Remember:

1. A propeller rotating under power has at least 40 horses standing by, ready to kick you.

2. 100% of the propeller accidents during 1939-1940 were avoidable.

3. 41 propeller accidents were reported during 1939-1940 and all were serious or fatal.

4. 85% of the passengers injured by propellers during 1939-40 walked into revolving propellers after disembarking from flights; showing a need for constant supervision on the part of operating personnel. There is no excuse for negligence.

5. Improper technique in swinging propellers during starting operations resulted in 36% of the propeller accidents during 1939-1940.

A Few Pointers: ON SWINGING PROPELLERS ---

Hands should be about 22 inches (light airplanes) out from the hub. No more than the finger tips should be over the trailing edge of the blade (It's a good idea to remove any finger rings before starting). Stance: arm-length from the hub. In swinging the propeller the right leg is swung to the left, placing the weight on the left foot; then the right leg is swung downward, in the follow-through; the force of this movement tends to rotate the blades so that little arm effort is required.

PROPELLERS WERE MADE TO LIFT WINGS; NOT MORTALITY RATES!!!