

Adopted June 23, 1944

File No. 4901-43

REPORT OF THE CIVIL AERONAUTICS BOARD  
on the  
Investigation of an Accident Involving Aircraft  
During a Local Pleasure Flight

Archie Howard Jamison was fatally injured in an accident which occurred near MacArthur Field, Hollywood, Florida, about 1 15 p.m., on October 31, 1943. He held a student pilot certificate and had accumulated approximately 349 hours of solo flight time. The aircraft, an 11-year old Fairchild 22-C-7A, NC 12667, owned by Karl Knight, was demolished.

Jamison rented the airplane at MacArthur Field for a 30-minute pleasure flight and before taking off, requested and was furnished a parachute. At this time he was warned against performing any acrobatic maneuvers in the subject aircraft. He took off about 1 00 p.m. and after climbing to an altitude of approximately 2000 feet, executed various acrobatic maneuvers, including snap rolls, loops and Immelmans. Following completion of an Immelmann the plane was seen to enter a steep dive and at an altitude of about 1500 feet several witnesses observed that a portion of the left wing fabric was loose and flapping. The airplane entered a spiral to the right, as if the pilot were lining up with the runway for a landing, but at an altitude variously estimated to have been between 300 and 600 feet, the plane went into a spin which continued to the ground.

Investigation disclosed that a large portion of fabric from the top surface of the left wing had torn away from the wing's trailing edge. The fabric finish was cracked in such a way as to indicate violent flapping in the air. The aircraft was not placarded against acrobatics, however, due to its age, it was not considered suitable for such maneuvers.

The probable cause of this accident was wing failure induced by violent acrobatic maneuvers against which the pilot had been forewarned.

BY THE BOARD

/s/ Fred A. Toombs  
Secretary