

As a result of this accident and pursuant to section 701(a)(3) of the Federal Aviation Act of 1958, the Civil Aeronautics Board recommended on December 5, 1960, to the Administrator of the Federal Aviation Agency that a basic research program be initiated by the FAA aimed at improving the tolerance of all turbine engines to bird ingestion. It was also recommended that a study be made of the means of precluding bird entry into turbine engines. A comprehensive program of research into turbine engine bird ingestion has since been initiated by the FAA. Information obtained as a result of various tests which have been conducted thus far is being analyzed and should prove significant in preventing accidents of this type in the future.

The investigation disclosed the first failure points of the seat and seat belt attachments and also pinpointed injury-producing environment within the cabin. In view of these findings, recommendations were made by the Board soon after the accident with the objective of enhancing passenger safety aspects of the Electra L-188 aircraft. Based on these recommendations, considerable research was engendered which it is hoped will result in an overall improvement in passenger safety.