

Allied Pilots Association
Air Line Pilots Association
Aircraft Owners and Pilots Association
Flight Safety Foundation, Inc.
National Business Aircraft Association, Inc.
National Pilots Association
National Air Transportation Conferences, Inc.
Air Transport Association of America
National Air Carrier Association, Inc.
Association of Local Transport Airlines

In view of the role of the flight spoilers in this accident and the indication that the crew was not aware of the reason for the higher-than-normal stall warning activation speed, the Safety Board concludes that certain crew training deficiencies exist and recommends that the Federal Aviation Administration:

1. Reassess and improve the methods used, both in flight manuals and in simulator or flight training, to familiarize flightcrews with the effects of spoilers on aircraft characteristics and stall warning devices. (Recommendation A-73-73.)
2. Issue an advisory bulletin to alert pilots and operators to the hazards of the improper use of spoilers. (Recommendation A-73-74.)

BY THE NATIONAL TRANSPORTATION SAFETY BOARD

/s/ FRANCIS H. McADAMS
Member

/s/ LOUIS M. THAYER
Member

/s/ ISABEL A. BURGESS
Member

/s/ WILLIAM R. HALEY
Member

John H. Reed, Chairman, was not present and did not participate in the adoption of this report.

August 29, 1973