



AC NO: 90-51

DATE: 11/17/70

ADVISORY CIRCULAR

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

SUBJECT: FAA MOTION PICTURE - "CAUTION - WAKE TURBULENCE"

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1. **PURPOSE.** To announce the availability of a new wake turbulence film and encourage its viewing.
 2. **BACKGROUND.** Recent in-flight testing has produced significant technical data regarding the trailing vortices generated by heavy jet aircraft. The FAA has incorporated this knowledge into a new movie entitled "Caution - Wake Turbulence." The film, which will be of interest to the entire aviation community, is directed primarily to the VFR pilot. Using animation and live footage, which includes actual vortex encounters shot during the flight tests, the characteristics of the vortices are explained and the pilot is taught to envision their location so as to avoid them. In color and with sound, the film runs 16 minutes and replaces the earlier wake turbulence film which was seen by many.
 3. **ACTION.** FAA recommends "Caution - Wake Turbulence" for viewing by all pilots and will make prints available for use by flying clubs, flight schools, operators, state and local agencies and similar organizations in promotion of flight safety. Requests for loan prints should identify the film as "Caution - Wake Turbulence" (FA 10-70) and be addressed to:

FAA Film Library, AC-921
FAA Academy
Aeronautical Center
P. O. Box 25082
Oklahoma City, Oklahoma 73125

Initiated by: FS-60

11/17/70

Organizations having a continuing use for the film may wish to purchase their own print. Information regarding prices and authorization for purchase may be obtained from the Chief, Special Projects Division, PA-30, Office of Public Affairs, FAA, Washington, D. C. 20590.

James F. Rudolph

Director, Flight Standards Service

GPO 901.630

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FEDERAL AVIATION ADMINISTRATION
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