

REFERENCE CODE: AkAMH

REPOSITORY NAME:

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TITLE: Sanborn Recording of 1964 Earthquake

COLLECTION NUMBER: B1997.023

OVERVIEW OF THE COLLECTION

Dates: March 27, 1964

Extent: 1 item

Language and Scripts: The collection is in English.

Name of creator(s): Eugene Hallam

Administrative/Biographical History:

Eugene Hallam was working as an inertial platform technician for Litton Industries, a guidance and control systems company, in Woodland Hills, California in 1964. He was assisting testers on March 27, 1964 when the machine began to record unusual activity. The testers suspected a "power bump," but Hallam convinced them to keep the equipment running, thus recording earth movements from the Good Friday Earthquake.

From Hallam's letter accompanying the chart:

"This Sanborn recorder paper was made from an LN12 inertial navigator... This unit was running in nav open loop, such as an aircraft in flight, only on a test stand. The test stand is mounted to a cement column about 12' into the earth. The recording is from accelerometers which sense movement, y accel. N-S, z accel E-W. An accel. pickoff moves, voltage change is noted by computer, which responds with a voltage to correct to the torquers. This voltage is also recorded on Sanborn chart... This is all done with or in line with stable platform with gyroscopes controlling the platform."

Scope and Content Description:

The collection consists of one Sanborn recording of the 1964 Alaska Earthquake, taken at Woodland Hills, California.

Arrangement: Not applicable

CONDITIONS GOVERNING ACCESS AND USE

Restrictions on Access: The collection is open for research use.

Physical Access: Original item in good condition.

Technical Access: No special equipment is needed to access the materials.

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Preferred Citation:

Sanborn Recording of 1964 Earthquake, Anchorage Museum, B1997.023

ADMINISTRATIVE INFORMATION

Acquisition and Appraisal Information

Donated by Eugene Hallam in 1997.

RELATED MATERIALS

CIHS McCutcheon Collection, B1964.x.006

AHFAM Earthquake Photographs, B1969.011

Betty Bannon Collection, B1970.015

Zappa Earthquake Papers, B1972.060

Portage Earthquake Photographs, B1973.070

Patricia Mayo Earthquake Time Ticket, B1974.013

Kroninger Photograph Collection, B1976.118

Army Corps of Engineers 1964 Earthquake Photographs, B1977.118

Corps of Engineers 1964 Earthquake Photographs, B1979.038

Woodman Photograph Collection, B1980.027

McDermott Collection, B1987.083

Ron Aldrin Earthquake Slides, B1994.024

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Anchorage Chamber of Commerce Collection, B2002.002

Charles Koppel 1964 Earthquake Collection, B2002.008

Norman Campbell Photographs, B2005.041

Bronitsky Letter, B2006.021

4th and H St. Demolition Collection, B2007.002

Opal Myers 1964 Earthquake Collection, B2007.003

Christenson Slide collection, B2007.016
Bangkok Embassy Teletype Collection, B2009.044
Truth Coven Gray Earthquake Album, B2009.056
Kleihauer Slide Collection, B2010.004
Johnny Sartor Collection, B2010.020
Langford-Ose Photograph Collection, B2011.002
Kenneth C. Allen Earthquake Slides, B2012.027
Jean Kaufman Earthquake Photographs, B2012.032

SUBJECTS

Alaska Earthquake, Alaska, 1964
Earthquakes--Alaska—Anchorage

Guide written: December 17, 2012