NEW YEAR'S DANCE
SET FOR DEC. 31

A few tickets are still available to the Activities Association's outstanding social event of the year which will be held New Year's Eve at the Activities Building.

The dance will be semiformal which generally means evening or cocktail dresses for the women and tuxedos, tails, or business suits for the men. The celebration will start at 10 p.m. and will continue until 2 a.m.

At the stroke of midnight, the women will again come into power for the first time in four years. As old Father Time makes his exit, the New Year and his helper Leap Year will make their debut.

Only a limited number of tickets available to the dance and they may be obtained in the East Area from Mary Carmines, Room 106, Service

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GURTLER TO DISCUSS
ATOMIC SURVIVAL

The Activities Association will present Charles Gurtler, Instrument Research Division, in an illustrated talk on "What Could Your Family Do to Survive a Nuclear Explosion" on Friday, January 13 at 8 p.m. at the Activities Building.

The discussion will be concerned primarily with preparations and precautions that should be taken in the home so that the family might have a better chance to survive an atomic attack. Gurtler will cover such subjects as types of home shelters, necessary food, water and supplies that should be stocked in the home, and steps that should be taken following an attack to protect the family from radioactive particles or fallout.

Admission will be free and tickets will be distributed by the district representatives. The entire family is invited to hear this timely report

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AREA RULE BORN OF COOPERATION, WHITCOMB SAYS

The Collier Trophy Award for 1954 was presented to Richard T. Whitcomb, assistant head of the 8-Foot Transonic Tunnels Branch, by Vice President Richard M. Nixon at the annual Wright Day Dinner held in Washington December 17 on the 52nd anniversary of flight.

Inscribed on the Collier Trophy, a replica of which was presented to Whitcomb for his permanent possession, was the following citation: "For discovery and experimental verification of the Area Rule, a contribution to basic knowledge yielding significantly higher airplane speed and greater range with same power."

In his acceptance speech, given before approximately 2,000 dignitaries representing Government, the aviation industry, and the aeronautical sciences, Whitcomb called attention to the fact that the honor was made possible by the cooperative efforts of a large number of persons in many organizations. Whitcomb said:

"I am deeply grateful for this honor which the National Aeronautic Association has so generously bestowed upon me. However, this honor must be broadly shared.

"The final demonstration of the Area Rule in actual flight resulted from the cooperative efforts of many individuals in many organizations. Among these are the many persons of the NACA team who earlier had developed the necessary research equipment and who performed the many experiments necessary for the demonstration of the concept. I am proud to have been a member of this team.

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WHITCOMB

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"Also, the honor must be shared with the many individuals in industry and the Armed Services who have been responsible for the difficult task of incorporating the Area Rule into complex supersonic military aircraft. Without the combined efforts of these people, the Area Rule would still be an unused scientific curiosity. Speaking as the representative for all of these, I accept with gratitude this high honor."

Two other high awards were presented at the dinner, which was sponsored by the Aero Club of Washington. All the awards were presented by Vice President Nixon.

Dr. Hugh L. Dryden, NACA Director, received the Wright Brothers Memorial Trophy "for public service of enduring value to aviation in the United States."

Willis C. Brown, specialist for aviation education in the Department of Health, Education, and Welfare, was presented Frank G. Brewer Trophy "for contributing most to the development of air youth in the field of education and training."

At a special ceremony on Decem., the Air Force, NACA Headquarters, and the Langley Laboratory. Whitcomb received a medal and scroll which included the following citation:

"Mr. Richard T. Whitcomb has distinguished himself by exceptionally meritorious service to the United States Air Force as assistant head of the 8-Foot Transonic Tunnels, Langley Aeronautical Laboratory, from 1951 to 1954. During this period he directed a research which led him to formulate the aeronautical principle known as the Area Rule. This principle has been applied to operational aircraft in the Air Force inventory and is being incorporated into the design of future aircraft. Mr. Whitcomb's research has contributed greatly to the knowledge of flow phenomena and has resulted in a high degree of aerodynamic efficiency in aircraft design. His highly technical achievements have greatly enhanced the capability of combat aircraft and merit the gratitude of the United States Air Force."

Charles Gurtler, Instrument Research Division, will give an illustrated talk on January 13 at the Activities Building on "What Could Your Family Do to Survive a Nuclear Explosion."

A-BOMB SURVIVAL

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on atomic survival.

Gurtler was one of 25 men selected from various areas throughout the United States to attend a 4-week training program at the Nevada test site last spring. He was a first-hand witness of atomic bomb explosions at the test site and his group was responsible for making a radiological survey of the fallout area on the test site.

Gurtler is a native of Summerfield, Kansas. He attended Kansas City Junior College and received his B.S. degree in Mechanical Engineering from Kansas State College in 1941. He joined the Laboratory staff on June 1, 1944 as a Mechanical Engineer in the Instrument Research Division.

NEW YEAR'S DANCE

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Building and in the West Area at the Activities Building. Tickets are six dollars a couple and the price includes free favors and setups.

Table reservations may be made by calling 4583. No reservations will be held after 11 p.m.

For the safety and protection of persons attending the dance, fireworks will not be permitted in the building.

A fellow of the I.A.S., Dr. Sears has been director of Cornell's Graduate School of Aeronautical Engineering since it was established in 1946. He was formerly chief of aerodynamics and flight test engineering at Northrop Aircraft, Incorporated. He directed the aerodynamic design of Northrop's P-61 Black Widow and the XB-35 and YB-49 "flying wings."

LIFE INSURANCE DUE JANUARY 1

Members of the NACA Group Life Insurance Plan are reminded to save a few dollars of their Christmas shopping money to pay the quarter premium which is due January 1. Premiums must be paid no later than Friday, January 20, at the end of which time individual memberships will lapse if not paid.

The I.B.M. cards, which serve as a premium notice will be distributed with pay checks on December 29. After the I.B.M. cards have been issued, premiums will be accepted at the following collection points:

East Area - Travel Office, Administration Building.

West Area - Room 116, Warehouse Building.

FOR RENT: Unfurnished apartment. Pate, NN-43673.
