



MT. SAN ANTONIO COLLEGE

1100 NORTH GRAND AVENUE • WALNUT, CALIFORNIA 91789

Telephones: (714) 595-2211 • (213) 339-7331

October 26, 1967

Board of Trustees
Mt. San Antonio College
Walnut, California

Gentlemen:

Enclosed is the report of the work completed during my sabbatical leave (1966-1967).

I would be ungrateful if I submitted this report without first expressing my appreciation to the Board of Trustees and to the President of the College for the educational opportunity and the learning experience that this sabbatical leave has provided.

Perhaps some of my learning experience will be transferred into teaching experience, which will be reflected in my work at the College.

Sincerely yours,

Harold L. Biell
Instructor

REPORT OF WORK COMPLETED DURING SABBATICAL LEAVE

(1966 - 1967)

During the period, June, 1966, through June, 1967, I was granted a sabbatical leave for the purpose of graduate study in Climatic Geography at the Graduate School of the University of California in Riverside.

My sabbatical year was spent in Geographical studies and research work in the weather factor of the operation of aircraft. The research project is still in progress. It is my hope that my sabbatical studies and my future work will eventually lead to the degree of Doctor of Philosophy at the University of California.

The focus of my work was in areas of Physical Geography: Land Forms, Cartography, and Climatology. My major problem was the correlation of geographical studies to the needs of aviation.

In view of these objectives, I pursued my work in the following way: (1) by taking three courses in Geomorphology and related field work in the construction of an airport. (This work was accomplished under the direction of Dr. Hansen.); (2) the Cartographic studies were particularly valuable as they dealt with modern methods of map-making, the characteristics and special uses of certain map projections, and the transferral of field and photographic data which is useful to navigation and airport planning; (3) courses in Climatology dealing with the physical properties and processes of the atmosphere were

most valuable and most closely related to aviation. Also, I found these courses the most difficult.

All my work, 48 units, at the University was in the field of Geography. Other courses were either prerequisites or related to the University requirements in pursuing geographical studies.

Presently, I am continuing Climatological studies under the direction of Dr. Bailey, Professor of Geography and Chairman of the Department at the University of California in Riverside. This directed research deals with weather factors in the operation of the supersonic transport.

Before this sabbatical year, I found a need to bring myself up to date with the new developments in weather and climatic sciences as related to aviation and other fields. Now that I have attended the University for a year, I honestly feel that I will be a better and more effective instructor.

In general, my studies have rounded out my education and brought me closer to the new developments in my teaching field. Specifically, I have accumulated a necessary background of knowledge required in Aviation Education for which I have a direct application.

In closing, I say again--I am grateful to the Board of Trustees and to the administration of Mt. San Antonio College for this opportunity in educational experience, which I am sure will be reflected in my teaching at the College.