

THE AIR POWER LEAGUE

INCORPORATED IN THE DISTRICT OF COLUMBIA



EMPIRE STATE BUILDING

NEW YORK 1, N.Y.

CHICKERING 4-5360

July 16, 1947

Mr. Amon G. Carter, President
Carter Publications, Inc.
400 West Seventh Street
Fort Worth, Texas

Dear Amon:

In accordance with the suggestion made at the last meeting of the League a copy of the Educational Proposal made at that time is enclosed.

Aviation Education, and the part it can play in our national security, has been the subject of considerable study by the League. The survey we have just completed has led us to believe that an organization like the League, representing a cross-section of the country's aeronautical activities, is in an excellent position to serve the country as an interpreter of the Industry's needs to the educators.

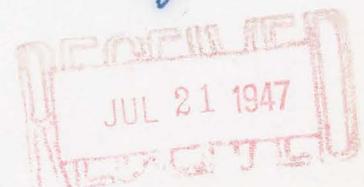
Industry knows what it needs and the schools are willing to cooperate to prepare men to meet these needs but it is necessary to bring the schools and industry closer together and keep doing so. The best people to do this would be someone who has nothing to sell -- that is no course, no books, no products, etc. -- nothing except the interests of the whole country.

Your careful consideration of this proposal is invited and I should consider it a personal favor if you would send your comments and suggestions to me in Detroit as early as possible in order to facilitate the disposition of this matter at the next meeting on August 4.

Kindest regards,

C. F. Kettering
C. F. Kettering

CFK:jb
ENC. 1



Please address reply to:

C. F. Kettering • General Motors Research Building • Detroit 2, Michigan

[encl 7/16/47]

Copy of Educational Proposal Presented at the July 7th Meeting
of the
AIR POWER LEAGUE

At the last meeting two programs were proposed, one involving advanced technical education and the other starting with boys in the primary schools.

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In accordance with the action taken at this meeting, we now submit a detailed plan to implement these two programs which together cover the entire age range of technical education.

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It is proposed that an educational department be set up within the League with the personnel and facilities necessary to:

1. Coordinate the training of technical personnel with the requirements of the Industry.
2. Provide certain services to other aeronautical associations which can best be accomplished through a central agency.

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Specifically - let us consider each of the recommendations made.

1. Produce a statement of the aircraft industry's educational needs from the current survey.

It is recommended that the survey of the aircraft industry's needs be continuous and that a statement of this need be made at regular intervals (annually to start). This statement to be in the form of a booklet summarizing the information gathered - a chapter to be devoted to each phase of engineering education, such as mechanical engineering, civil engineering, electrical engineering, etc.

REQUIREMENTS

- Survey Director
- Staff - Stenographer, Artist
- Publishing Expense
- Travel Expense

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2. Bring about an interpretation of industry's needs to the educators who will in turn examine their curricula to determine if changes are required.

In our preliminary work we have gained the confidence and support of a group of key schools with whom we would like to start this program, rather than direct our first efforts at all the schools at one time.

We propose a series of meetings with the Deans of Engineering and other faculty people at which time we will attempt to interpret the needs of the Aviation Industry in terms of engineering curricula, with the object of bringing and keeping the two in close accord.

REQUIREMENTS

- Survey Date Staff
- Conference Leader Meeting Facilities
- Travel Expense

3. Where changes are necessary and new text material is needed, the League might help in the procurement of such text.

Realizing that text books play an important part in guiding and controlling the coverage of a subject. It is expected that a situation will exist where inadequate text books are found. We do not propose going into the publishing business but we do believe we can assist in developing specifications for text books in accordance with the needs. This would be a part of the meetings mentioned in #2.

REQUIREMENTS

Conference Leaders
Staff
Meeting Facilities
Travel Expense

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4. Promote cooperative education between strategically located schools and the aircraft plants, air lines and research laboratories.

This would be accomplished by working closely with schools in close proximity with aircraft plants to encourage cooperative educational programs. Information on the ways and means found effective in getting cooperative education into operation throughout the industry will be brought to the attention of schools and industries not yet taking advantage of this form of personnel development.

REQUIREMENTS

Educational Director to contact
schools and industrial personnel.
Travel Expense.
Staff

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5. Promote "lectureship" and internship by professional people in aviation with strategically located schools and industries.

By working with the schools and the industrial concerns in their vicinity, we propose to encourage qualified individuals in industry to serve as teachers for regularly scheduled classes in many of the applied subjects pertaining to aeronautical work.

We shall also encourage internship in the form of students working vacation periods - part time and other cooperative arrangements between strategically located schools and business establishments.

REQUIREMENTS

Field Man
Travel Expense
Staff
Meeting Expense

6. Provide for scholarships and fellowships in aviation, education and research when such financial aid is considered feasible.

Through the close association which we will have with the schools, we will be immediately alert to the need for scholarships and fellowships when they exist.

The conduct of our other educational activities should give us the added advantage of helping to select worthy candidates for scholarship awards. Educators admit that selection is a most difficult problem today.

REQUIREMENTS

No expenses assignable specifically to this project are anticipated at this time. However, funds might be placed in escrow for this purpose.

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7. Aid to other aeronautical organizations in the field of educational material.

An investigation of the model airplane activity has revealed that an existing organization, the Academy of Model Aeronautics, has the know how and adequate sponsorship to carry out a comprehensive program, with one exception - they need the staff and facilities to develop up to date text material. We will need the same facilities to carry out our educational program. So - we propose to acquire the needed personnel and make their services available to the AMA or other organizations associated with the League for the development of educational material.

REQUIREMENTS

Director
Artist, Writer
Studio Equipment
Source gathering Expense
Staff - Stenographic.

In addition to preparing League material, illustrated educational material would be prepared gratis as a League service. This service would include development, art work, writing - up to the point of publishing. The AMA or other agencies would handle their own publishing and distribution costs.

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ESTIMATED COSTS

Since the same personnel and facilities may be used in connection with several of these projects, they have been combined into an Educational Budget as follows:

Yearly Expense

SALARIES	First field man and director	\$15,000
	Second field man and writer	10,000
	Artist	7,000
	Secretary	3,000
	Stenographer	2,500
OTHER EXPENSES	Field meeting costs	2,500
	Travel (2 men)	6,000
	Publishing Costs (Survey Report)	3,000
	Artist Equipment & Supplies	500
	Miscellaneous	500
		<u>\$50,000</u>

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It is recommended that this educational project be considered on a long term basis.

FIRST - Because several years will be required before the real effects can be observed and measured.

SECOND - Because the type of personnel required for this work will be difficult to hire on less than a five year contract.

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The allotment of funds for scholarship and fellowship purposes is another long term investment which might be considered at this time.

Awards for graduate study ranging from \$1,000 to \$3,000 per year are considered most effective.

We would like to suggest, however, that the Educational Department be charged with the responsibility of keeping alert to the need for scholarships and to make its recommendations to the Board of Managers at the time action is warranted.

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