

planes chiefly, that they need to win this war. Right as this moment, our people are not rolling up their sleeves and tackling the job of all-out production as they should.

I make this plea for a keener state of awareness because it is necessary. Until our industries and all our workers gear themselves to the fullest possible use of all production facilities, to turn out all the planes that will be necessary to insure us prompt and complete mastery of the air; until all our laboring groups dismiss once for all the thought of strikes and shut-downs to gain their own ends; until the people of our State and of all the other states of this Union accept the fact conclusively that the defense duties asked of them must not be accepted half-heartedly, or on a convenience basis; until all this is done, we cannot honestly hold up our heads and tell the young men we have sent aboard to fight, that we are doing *our* part at home.

In the all-out preparedness which the Country must accept as its most important home function at this period, every group must cooperate to the fullest, and must utilize its own specialized abilities and activities to further the common end. In talking to a group of college men, therefore, it would seem appropriate to say just a word about the place in the present scheme of things of the college and the college trained men.

On the practical side, the contribution that the college can make has been explored many times, but it will bear repetition. The colleges must continue to train the type of mentally alert fighting men, technical men and civilian leaders who so definitely are needed in large numbers at this time.

The spearhead of our military activities will be our air force. It is not enough that we have planes and pilots to match in numbers and in performance the planes of our adversaries, but we must produce such an overwhelming superiority of planes, and train such a tremendous army of pilots, that there will be no question of our air supremacy. We have the resources to do this. To our colleges we must look, to a great extent, for the pilots themselves, and to the fullest extent for the technically trained men whose services will be so urgently needed.

On the home front, in the various functions of civilian defense, of industrial management and of State and Federal official life, the college-trained men will be charged with leadership. They must measure up to that charge if we are to achieve our war aims without unnecessary expenditures of lives and resources.

Not only must the colleges accept responsibility as here indicated, but there are any number of new places into which they must project themselves if the Country is to cover adequately the defense fields that the changing conditions of warfare have pointed out.

As an instance, I mention the Foreign Broadcast Monitoring System which, as you probably have read, is charged with daily interception and interpretation of broadcasts, particularly short wave broadcasts, in each of the countries with which we are at war. Twenty-four hours a day this Monitoring System listens in on local and foreign broadcasts of the various Axis countries. It is a work that requires unceasing vigilance, plus mental alertness of unique character,