

Dr. HUTCHINSON. This is correct. And they were working on this year's problem, and fitting the man into the machine as best they may. In other words, they are running along close behind the established equipment. When we have a new weapons system, they are having to fit the people to do the job as best they may.

To design better instruments and to make better use of human capabilities in the future, we need to do this basic research, which will be fed into places like Wright Field.

Mr. HÉBERT. And you feel that this contracting out is a more economical and efficient way to do it than implementing your present capability.

Dr. HUTCHINSON. It is the only possible way to get the kind of scientists that the Air Force requires, because the kind of scientists who will engage in basic research are not accessible to us. They will not move into Government service—either in uniform or as civil service scientists.

We have many good scientists. I wouldn't want to cast any reflection on their capabilities. But for the amount of basic researching that goes on, we simply can't get the people that we need into Government laboratories or into uniform.

Mr. HÉBERT. Why can't we?

This is very important what you are discussing. Very important, because the general consensus of opinion, or the general idea of the man on the street is—our radio commentators speak with such authority—that we should do something about getting scientists in, because Russia is getting so many in. And not one of them stopping to compare the system in Russia to the system in America, because in Russia the scientist is told where to go.

Dr. HUTCHINSON. Right.

Mr. HÉBERT. Here we have to persuade them. Now this type of study is for that persuasion.

Dr. HUTCHINSON. This kind of study is to persuade the people who are able to do the work to work on those things where they have the competence.

They will not accept the kind of direction that is essential in a Government-sponsored laboratory. They want to pick their own topics, and they want to follow them wherever they take them.

Now it is true these are unsolicited research proposals that come in to us. It doesn't mean they are simply pulled out of the blue sky. They meet recognized Air Force requirements which are established on the basis of long-range plans.

Mr. HARDY. You didn't develop this requirement, then? I mean you didn't seek somebody to conduct this particular type of research?

In this case, the researcher presented a proposal to the Air Force, is that right?

Dr. HUTCHINSON. That is correct, that a person perhaps known to us but not specifically stimulated did present a proposal. But he knew of our program, because it has been thoroughly communicated through scientific journals, through conferences, symposiums, through our brochure, and through other means, that the Air Force has a program of this description.

Mr. HARDY. This is not a title of a particular research project, then, which has an Air Force title. This is a title somebody else suggested, is that right?