

ARMY AIR FORCES
AIR ENGINEERING SERVICE COMMAND
ENGINEERING DIVISION
MEMORANDUM REPORT ON

ES/adj

SUBJECT: Conference Held at Wright Field Between
Representatives of Air Materiel Command
And Several Engine Companies

Date 22 September 1947

OFFICE TSEFF-SB

Contract or Order No.

SERIAL No. TSEFF-506-264

Expenditure Order No. 506-16

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A. PURPOSE:

1. The purpose of this conference was to present to established aircraft engine companies the opportunity to consider assuming the development and production of the Manasco XJ37 turbo-jet engine, the turbo-prop version of the XJ37 and possibly the XE37 ram-jet engine.

B. FACTUAL DATA:

1. This conference was held in the Power Plant Laboratory at Wright Field, 15 September 1947, with the following personnel attending:

Mr. J. Rosway, General Electric Co.
Mr. S. E. Peiffer, General Electric Co.
Mr. E. E. Stoeckly, General Electric Co.
Mr. H. H. Lundquist, Wright Aeronautical Corp.
Mr. W. H. Kennedy, Wright Aeronautical Corp.
Mr. E. W. Dielman, Pratt & Whitney
Mr. J. C. Fetter, Allison Division
Mr. R. S. Chevering, Allison Division
Mr. Arthur Watt, Packard Motor Car Co.
Mr. H. C. Price, Manasco
Mr. B. C. McNeill, Manasco
Mr. M. Short, Lockheed
Brig. Gen. A. R. Crawford, Air Materiel Command
Col. R. J. Hasty, Power Plant Lab., AME
Col. R. L. Marshall, Power Plant Lab., AME
Maj. L. E. Sanborn, Power Plant Lab., AME
Maj. D. G. Lambert, Judge Advocate's Office, AME
Maj. O. H. Scott, Procurement Division, AME
Capt. H. A. Arnold, Judge Advocate's Office, AME
Mr. E. A. Wolfe, Power Plant Lab., AME
Mr. C. T. Bodell, Power Plant Lab., AME

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2. Col. R. J. Minty opened the meeting with a discussion of the XJ37 engine, giving its dimensions, ratings, characteristics, and outstanding features, the history of the project, the objectives of the project, and also some information on the turbo-prop version of the XJ37 and the XJ37 ram-jet engine.
3. Mr. H. C. Price then gave a discussion of the engineering status of the project, after which Mr. M. Shor's stated Lockheed's position on patent rights which essentially was that Lockheed would be cooperative and desired to see this project go to completion.
4. Maj. D. G. Lambert stated that the license rights would probably follow very closely the license rights of the original Lockheed contract.
5. A schedule was arranged for Mr. H. C. Price to visit the engine companies to investigate the facilities available and discuss engineering details. It was agreed upon that all of the companies would send engineers to Monaca on 29 Sept. to examine the engine and discuss engineering details. It was also decided that they would all send proper personnel to Lockheed on 30 September to discuss the license rights.
6. It was decided that Air Material Command would furnish copies of the thermodynamic analysis of the XJ37 engine to the companies before they visited Monaca. Lockheed agreed to send a general statement of their license rights proposal to all of the companies before they visited Lockheed.
7. Col. R. J. Minty asked for letters of proposal, letters stating intention to furnish proposal, or letters stating disinterest by 1 November. It was requested that these proposals contain the following information:
 - (a) The plan for development of the XJ37 and turbo-prop version of the XJ37 including estimates of time and money required, the various phases of development, and a 150 hour test of both engines.
 - (b) What development could be done by 1 September 1948, and what would the cost be?
 - (c) An estimate of the time when a decision should be made as to whether or not to go ahead with the turbo-prop version.
 - (d) A statement concerning the proposed and possible use of the key Monaca personnel to keep the know-how of this engine continually with it.
 - (e) What provisions will be made for facilities to be used in the development and production of this engine? Will the company be able to provide all of the facilities or will the Government be required to furnish some?
 - (f) A statement concerning patent and license rights.

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C. CONCLUSIONS:

1. None.

D. RECOMMENDATIONS:

1. None.

Distribution:
Power Plant Lab.
General Electric Co., Mr. J. Somay
Wright Aero. Corp., Mr. H. M. Lundquist
Pratt & Whitney, Mr. H. W. Dishman
Allison Division, Mr. J. C. Fotters
Packard, Mr. Arthur Nutt
Emmace, Mr. H. C. Price
Lockhead, Mr. M. Short

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Baker (3)

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Air Documents Div. (1) "Hold"

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Prepared by

C. J. Bedell
C. J. BEDELL *alt. form*

Approved by

E. A. Wolff
E. A. WOLFF

Approved by

M. J. Munt
M. J. MUNT, Colonel, A. C.
Chief, Power Plant Laboratory

Concurrence: