

ANNEX NO. DEA-AF-06-KS-7706
TO THE DATA EXCHANGE AGREEMENT
BETWEEN
THE UNITED STATES DEPARTMENT OF DEFENSE
AND
THE MINISTRY OF NATIONAL DEFENSE OF THE REPUBLIC OF KOREA
ON
ROCKET MOTOR DEFECT ASSESSMENT

Pursuant to the terms and conditions of the Data Exchange Agreement (DEA) (hereinafter referred to as "Master" between the United States Department of Defense (DoD) and the Republic of Korea (ROK) Ministry of Defense (MND)) (hereinafter referred to as "the Parties"), signed 15 May 1963, the Parties hereby establish the Rocket Motor Defect Assessment data exchange annex, DEA-AF-06-KS-7706 (hereinafter referred to as "Annex").

1. SCOPE, OBJECTIVE, AND SECURITY CLASSIFICATION

a. The scope of exchanges will encompass research, development, test and evaluation (RDT&E) for Rocket Motor Defect Assessment. Areas for exchange include:

- (1) Details of modeling of motor cases;
- (2) Experimental methods and techniques to derive constitutive properties of rocket motor materials and use of related experimental data used to derive of such models;
- (3) Boundary conditions related to computational modeling of rocket motor phenomena;
- (4) Methods used for computational modeling of rocket motors;
- (5) Methods for predicting damage to, or the tendency for failure of rocket motor materials and structural details.

b. Data Exchange Objectives:

(1) The objectives of this DEA are to significantly improve the modeling of failure in rocket motors, with respect to the most useful failure parameters and the sensitivity of the results to factors involved in computational modeling.

(2) The Parties recognize that data exchanges should take place on a reciprocal, balanced basis so that the data exchanged is approximately equivalent in both quality and quantity. The Parties further recognize, however, that the data exchanged may be in various forms and the exchange may not necessarily coincide in time.

(3) Security Classification: The highest classification of data to be exchanged under this Annex is **UNCLASSIFIED**.

2. ESTABLISHMENTS AND AUTHORITIES: The Establishments listed below are the potential sources or recipients of information exchanged under this Annex. The Authorities listed below are responsible for the management, coordination, and administration of the activities conducted under this Annex. In the implementation of this Annex, personnel representing the Establishments and Authorities are authorized to correspond, visit, and request information in accordance with the provisions of paragraph 3 of the Master and paragraph 3 of this Annex.

A. For the United States:

(1) Establishments:

- a. Air Force Research Laboratory
Propulsion Division (AFRL/PRSM)
10 East Saturn Boulevard
Edwards Air Force Base, CA 93524
- b. Air Force Office of Scientific Research
International Office (AFOSR/IO)
4040 Fairfax Drive, Suite 500
Arlington, VA 22203-1613

(2) Annex Authority:

Deputy Under Secretary of the Air Force
International Affairs (SAF/IA)
1080 Air Force Pentagon
Washington DC 20330-1080

(3) Technical Project Officer (TPO) and Associate Technical Project Officer (ATPO):

(a) Technical Project Officer (TPO):

Dr. Timothy C. Miller, Materials Research Engineer
Air Force Research Laboratory
Propulsion Division (AFRL/PRSM)
10 East Saturn Boulevard
Edwards Air Force Base, CA 93524
Phone: 661-275-5323, DSN: 525-5323
Fax: 661-275-5435, DSN: 525-5435
Email: timothy.miller@edwards.af.mil

(b) Associate Technical Project Officer (ATPO):

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Air Force Office of Scientific Research
International Office (AFOSR/IO)
4040 Fairfax Drive, Suite 500
Arlington, VA 22203-1613
Phone: 703-588-1777
Fax: 703-588-1785
Email: james.fillerup@afosr.af.mil

(4) Liaison Officer:

Joint U. S. Military Affairs Group – Korea (JUSMAG-K)
Unit #15339
APO AP 96203-0187
Email: francis.geiser@korea.army.mil

B. For Korea:

(1) Establishments:

Technology and Research Center, 4th Division, 1st Team
Agency for Defense Development
Yuseong, P.O. Box 35-4
Daejeon, 305-600, Korea
Phone: +82-42-821-4524

(2) Annex Authority:

(a) Director General
Information Policy Office
Ministry of National Defense
3 Ga 1 Yongsan-Dong Yongsan-Gu
Seoul, Korea

(b) Technical Project Officer (TPO) and Associate Technical Project Officer (ATPO)

(1) Technical Project Officer (TPO):

Dr. Yong Kyu Choi, Principal Researcher
Technology and Research Center, 4th Division, 1st Team
Agency for Defense Development
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Phone: +82-42-821-4524
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(2) Associate Technical Project Officer (ATPO):

(a) Dr. Gyoo Dong Jung, Principal Researcher
Technology and Research Center, 4th Division, 2nd Team
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Daejeon 305-600, Korea
Phone: +82-42-821-4527
Fax: +82-42-821-2392
Email: gfgt66@hanafos.com

(b) Dr. Chang-Soo Ahn, Principal Research
Chief, Missile Aerodynamics Branch
Third Research and Development Center
Yuseong, P.O. Box 35-3
Daejeon, 305-600, Korea
Phone: +82-42-821-4473

(C) Liaison Officer:

Office of the Defense R&D Attaché
Embassy of the Republic of Korea
2400 Wilson Boulevard
Arlington, VA 22201

3. CHANNELS FOR CORRESPONDENCE, VISITS, AND REQUESTS FOR INFORMATION:

a. Correspondence and requests for information will be handled in accordance with paragraphs 3.a. and 3.c. of the Master.

b. Coordination: In accordance with paragraph 3.a. and 3.c. of the Master through communication between the Authorities and Establishments.

c. In accordance with paragraph 3.a. of the Master, only those Establishments and Authorities listed herein are authorized to initiate correspondence for transmittal of information, respectively, via the Joint U.S. Military Affairs Group, Korea, Unit 15339, ATTN: JUSMAG-K/MKDCA, APO AP 96203-0187 or the Office of Defense R&D Attaché, Embassy of the Republic of Korea, 2400 Wilson Boulevard, Arlington, VA 22201.

4. FINANCIAL RESPONSIBILITIES

This Annex will not impose any financial obligation on either Party except to the extent that each Party will be responsible for funding costs it incurs in its own interest related to the support of this project.

5. DISCLOSURE AND USE OF INFORMATION

a. In accordance with paragraph 4.b. of the Master, information exchanged under this Annex shall only be used for military purposes. Information exchanged shall not be used by the receiving Party for any purpose other than the purpose for which it was furnished without the specific prior written consent of the furnishing Party. The receiving Party shall not disclose information exchanged to contractors or any other persons without the specific prior written consent of the furnishing Party.

b. In accordance with paragraph 7 of the Master, the Parties undertake to insure that any private rights, such as patents, copyrights, or trade secrets, which are involved in the information communicated to its personnel under the Master and this Annex will be requested.

6. DISPUTES:

Disputes concerning the interpretation or application of this Annex will be settled by consultation between the Parties without intervention of any third Party.

7. DURATION, AMENDMENT, AND TERMINATION OF THIS ANNEX

a. This Annex will become effective on the date of last signature and will automatically expire five years from the date of the last signature unless extended by written agreement of the Parties.

b. This Annex may be amended or jointly terminated by written agreement of the Parties.

c. This Annex will unilaterally terminate if either Party informs the other of the intention to terminate and gives 90 days written notice to the other Party.

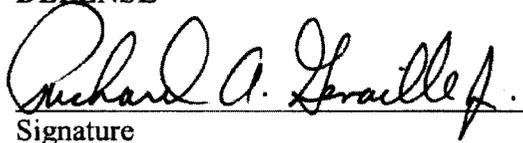
d. This Annex will automatically terminate if the Master is terminated.

e. In the event that both Parties decide to termination, the Parties will consult prior to termination to ensure termination on the most economical and equitable terms.

f. Upon expiration or termination of this Annex, information previously exchanged shall remain subject to paragraph 5 (Disclosure and Use of Information) of this Annex, and paragraphs 4 (Security Measures and Assurances) and 7 (Proprietary Rights) of the Master.

8. IN WITNESS WHEREOF, the undersigned, being duly authorized by their respective Parties, have signed this Annex No.DEA-AF-06-KS-7706 to the Master, in duplicate, in English and Korean languages; both texts being equally authentic, effective on the last date of signature below.

FOR THE UNITED STATES OF
AMERICA, DEPARTMENT OF
DEFENSE


Signature

Richard A. Genaille, Jr.

Name

Director of Policy
Deputy Under Secretary of the Air Force
International Affairs

Title

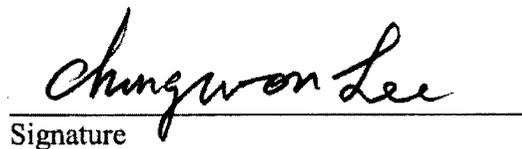
Arlington, Virginia, U.S.A.

Location

MAY 04 2006

Date

FOR THE REPUBLIC OF KOREA
MINISTRY OF NATIONAL DEFENCE


Signature

Lee, Chung Won

Name

Director General of Defense
Industry Promotion Bureau
Defense Acquisition Program
Administration

Title

Yongsan 2 Ga Dong, 2-15, Yongsan
Seoul, Korea

Location

May 22 2006

Date