

THE WHITE HOUSE

WASHINGTON

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July 29, 1966

NATIONAL SECURITY ACTION MEMORANDUM NO. 354

TO: The Secretary of State
The Secretary of Defense
The Administrator, National Aeronautics
and Space Administration
The Chairman, Atomic Energy Commission

SUBJECT: U. S. Cooperation with the European Launcher
Development Organization (ELDO)

The President has noted the memorandum of July 24, 1966, from the Department of State transmitting the conclusion of the Ad Hoc Committee of the National Aeronautics and Space Council that it is a matter of urgency that we clarify and define our policy with respect to the development of the European Launcher Development Organization (ELDO) and the extent of U. S. cooperation with ELDO's present and future programs.

The President concurs in the overall statement of policy that it is in the U. S. interest to encourage the continued development of ELDO through U. S. cooperation. He further approves the recommendation that in the event that ELDO desires cooperation with the U. S. the Department of State in consultation with NASA, the Department of Defense and other responsible agencies, may make the above policy known to the members of ELDO and to take such specific action in cooperation with the other interested agencies as may be necessary to carry out this policy.

The President has also noted that the Department of State with the assistance and agreement of the members of the Ad Hoc Committee of the National Aeronautics and Space Council has prepared a detailed

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under provisions of E.O. 12958
by F. Graboske, National Security Council

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statement defining the nature and extent of U. S. cooperation with ELDO which the U. S. Government is now prepared to extend. He concurs in the desirability of such interdepartmental program development and requests that this statement be continuously reviewed by the responsible agencies to ensure that it is current and responsive in terms of developing circumstances.

W W Rostow

W. W. Rostow

cc: Executive Secretary, National
Aeronautics & Space Council
Special Assistant to the President
for Science and Technology
Special Assistant to the President
for Telecommunications
Director, Arms Control and
Disarmament Agency

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Policy Concerning US Cooperation with the
European Launcher Development Organization (ELDO)

It should be made known that the US stands prepared to offer cooperation and assistance to ELDO, which would contribute to the desirability from the European point of view of the continuation of ELDO.

A. Conditions underlying cooperation - In view of existing policies concerning US assistance in the development of foreign communications satellite capabilities and the non-proliferation of ballistic missile delivery capabilities as stated in NSAMs 338 and 294, it is understood that in responding to requests for cooperation by ELDO, US cooperation would be selective and subject to government-to-government agreement that launcher vehicles, components and technology would not be used for:

1. Advancement of communication satellite capability other than (a) to permit participation in the US National Defense Communication Satellite System; or (b) in connection with the Single Global Commercial Communication Satellite System in accordance with the provisions of the Interim Agreement and Special Agreement of August 20, 1964.

2. Advancement of nuclear missile delivery capabilities of one or more member countries.

3. Transmittal or transferral to non-ELDO countries without US authorization.

B. Areas of US cooperation and assistance -

1. General assistance applicable to both short and long range ELDO projects, as follows:

a. Training - Participation by ELDO nominees in NASA seminars for technical management

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training in such subjects as PERT and Companion Cost System, Reliability and Quality Assurance in Specific Systems, Testing and Checkout, Systems Compatibility, Incentive Contracting.

b. Facilitating export licenses for ELDO requirements, including an extension of the ELDO export certification process (originally adopted for UDMH) to cover the procurement of other launch vehicle and ground support equipment hardware. (A device to give ELDO items priority and access beyond European national vehicle programs.)

c. Use of NASA test facilities.

d. Designation within NASA of a technical office specifically to serve in an expediting and assisting role for ELDO.

2. Short range assistance in the proposed reconfiguration of ELDO-A.

a. Make available on a case by case basis, subject to export control approval, Atlas Standard Launch Vehicle (SLV) technology additional to that already provided under past export control actions.

b. Technical advice and assistance in such areas as:

(1) Multi-stage vehicle integration.

(2) Stage separation

(3) Range organization, lay-out, and equipment as related to the ELDO vehicle.

(4) Synchronous orbit injection techniques.

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c. Procurement of unclassified flight hardware in the US including such items as the Miniature Integrating Gyro (MIG) strapped-down "guidance" (auto-pilot) package used on the Scout vehicle. Comparable hardware has already been exported to Japan.

3. Long range assistance in the development of follow-up ELDO projects using high-energy cryogenic upper stages (e.g. ELDO-B).

a. Access to related US experience and technology as available in the Atlas-Centaur system through technical documentation and contacts.

b. Bring ELDO technical personnel into intimate touch with problems of systems design, integration, and program management of a high-energy upper such as the Centaur.

c. Consideration of joint use of a high-energy upper stage developed in Europe.

C. Supplementary action - To supplement ELDO-A launch services the US will sell Scout, Thor, and Atlas vehicles and launch services for scientific and applications satellites to Western European and other countries as deemed appropriate and consistent with A above.

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