

## MEMORANDUM OF UNDERSTANDING

between the Department of Transportation of the United States of America and the Federal Ministry of Transport of the Federal Republic of Germany concerning Cooperation in the Development of Experimental Safety Vehicles.

- I. This Memorandum of Understanding between the Department of Transportation of the United States of America and the Federal Ministry of Transport of the Federal Republic of Germany contains the following outline of a program by which the maximum, practically feasible cooperation in research and development with regard to experimental safety vehicles shall be attained.
- II. The Department of Transportation of the United States of America has initiated a project for the development of an experimental safety vehicle of 4,000 pounds, the usual weight category of passenger cars in the United States of America. On the basis of a comprehensive list of safety requirements the Department of Transportation of the United States of America has placed orders for the design, production and delivery of experimental safety vehicles which are to meet these high specifications.
- III. The Federal Ministry of Transport of the Federal Republic of Germany endeavors to increase the safety of motor vehicles by the improvement of individual structural parts and to promote the

work in progress in this field within the framework of the European Communities, the UN Economic Commission for Europe and the NATO Committee on the Challenges of Modern Society. Furthermore, it seeks also on its part to gain knowledge on vehicle safety from the development and testing of experimental safety vehicles.

At the suggestion of the Federal Minister of Transport the German automobile industry is therefore preparing a list of specifications to be applied to a European-size experimental safety passenger vehicle.

The knowledge gained so far on the possible uses of an experimental safety car have already led to the decision that in the Federal Republic of Germany at least one such project is to be carried out which envisages the construction of a 1.000 kg vehicle which shall satisfy the requirements similar to those established for the American project. Deliberations on the development of experimental safety vehicles in other weight categories have not yet been concluded.

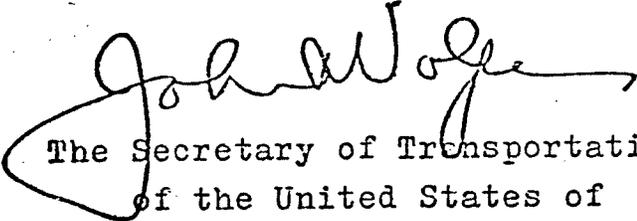
IV. The Secretary of Transportation of the United States of America and the Federal Minister of Transport of the Federal Republic of Germany welcome the developments initiated in the two countries. They are in agreement that the bilateral cooperation already started between the two countries within the area of transportation, and the multilateral cooperation under the program of the NATO Committee on the Challenges of Modern

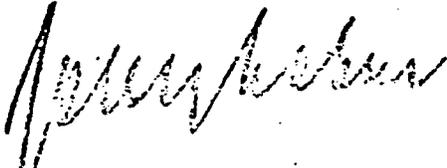
Society in the field of highway safety will prove fruitful for both parties through the intensive and comprehensive exchange of knowledge gained on both sides in carrying out the experimental safety vehicle project.

- V. They agree to exchange the knowledge and experience gained in both countries in the development of experimental safety vehicles, insofar as they are available to them, in as timely and detailed a manner as possible under their respective statutes. Details concerning the nature and scope of the data exchange as part of the United States Road Safety Pilot Study for the NATO Committee on the Challenges of Modern Society will be agreed upon in later understandings.
- VI. The Secretary of Transportation of the United States of America and the Federal Minister of Transport of the Federal Republic of Germany declare expressly that they would warmly welcome further cooperation with other countries and international organizations interested in the development and testing of experimental safety vehicles.
- VII. This Memorandum of Understanding shall also apply to Land Berlin, provided that the Government of the Federal Republic of Germany has not made a contrary declaration to the Government of the United States of America within three months from the date of entry into force of this Memorandum of Understanding.

VIII. This Memorandum of Understanding shall enter into force on the date of signature thereof and will remain in force until terminated by either side on 30 day's notice in writing.

Done at Bonn on November 5, 1970

  
The Secretary of Transportation  
of the United States of  
America

  
The Federal Minister of  
Transport of the Federal  
Republic of Germany

ANNEX TO FEDERAL REPUBLIC OF GERMANY / UNITED STATES  
OF AMERICA MEMORANDUM OF UNDERSTANDING  
ON EXPERIMENTAL SAFETY VEHICLES CONCERNING  
EXCHANGE OF TECHNICAL INFORMATION

I. The Federal Ministry of Transport of the Federal Republic of Germany and the Department of Transportation of the United States of America - hereafter referred to as "the governments" - considering, that Section V of the Memorandum of Understanding, signed at Bonn on 5th November 1970, provides for an exchange of knowledge and experience gained in both countries in the development of experimental safety vehicles, insofar as they are available to the governments under their respective statutes, and desiring to lay down details concerning the nature and scope of such data exchange, have reached the following understanding:

II. The Governments will exchange technical information on their Experimental Safety Vehicle programmes in the manner and to the extent indicated below.

A. Information on the objectives to be achieved by ESV programmes in the Federal Republic of Germany and the United States of America shall be notified in writing without delay, either in the form of performance specifications for vehicles or sub-systems or in any other appropriate form.

B. Information on ESV activities in progress in the form of half-yearly progress reports

containing significant developments, which may include planning schedules, progress in meeting schedules, key decisions affecting programme objectives and such other elements as normally constitute a management information system.

- C. Actual performance data of prototype and sub-systems as shown by engineering tests which shall be transmitted as soon as practical after completion of the tests.
- D. Information resulting from the participation by government representatives and experts of both sides in observing tests of prototypes or sub-systems.
- E. Where practical, and by mutual consent, exchange of preliminary design data for prototypes, sub-systems and components.
- F. On completion of the development work -
  - (1) drawings and design specification of prototype vehicles or sub-systems produced and a copy of the producer's report, except to the extent that the producer reserves the right to disclosure of such particulars in respect to features not developed in the course

of the development for which he or a third party holds patent rights.

- (2) a copy of the report of testing by or on behalf of the government, of the vehicle or sub-system produced and of the government's evaluation thereof.

G. Lists of registered patents and of patent applications laid open to public inspection.

H. Other information as agreed by both governments.

III. Further transmission, or publication, of technical information s provided shall be left to the discretion of the receiving government, unless the providing government specifically requests that some limitation on further transmission or publication should be observed.

IV. In addition, where practical, and by mutual consent, components and sub-systems and, if possible, complete vehicles will be exchanged for examination and testing by both sides.

V. The German Government may decide whether any technical information made available to the United States Government under this Annex should also be made available to other governments participating with the United States Government in the ESV Programme. When the German Government so decides it may send the information direct to other governments informing the United States Government that it has done so.

VI. Both governments agree to exchange information in the above categories in as timely manner as possible.

VII. This Annex will become effective when signed by authorized representatives of the governments and will remain in force until terminated by either side on 30 days notice in writing. Changes to this Annex may be made by mutual consent of the governments at any time.

Done at Washington, D. C. , in German and in English,  
this first day of June, 1972.

*Wagner*

the Federal Ministry of  
Transport of the Federal  
Republic of Germany

*Douglas M. Jones*  
For the Department of Transportation  
of the United States of America