

Dr. Herbert H. H A A S

4107 Arlington Drive
Royal Oak/Mich.
Phone Liberty 9-3838.

Vital Statistics:

Born Feb. 6, 1907 in Vienna, Austria.
Austrian Citizen. US First Papers 1953.
Air Force security clearance "Secret".
Married, three children, age of 11, 17, 19.
Health excellent.

Education:

High School Vienna, Austria 1918 - 1926.
Techn. University, Vienna, Austria 1926 - 1932. Master's degree.
Techn. University, Graz, Austria 1952, grad. Doctor of techn.Science.

Languages: English, German, French.

Work Experience:

1. CONTINENTAL AVIATION & ENGRG. CORP., Detroit/Mich. 1954 to present.

Chief Engr. Diesel Section, in charge of design, test and research. Directing development of high speed, light weight aircooled Diesel engines from 30 to 750 HP for Army Ordnance.

2. DETROIT ARSENAL, US Government. 1953 - 1954.

Consulting Engineer, advisory activity for advanced engine development. Appointed and transferred from Europe by US Govmt.

3. PANAMBRA, Sao Paulo, Brazil. 1952.

Consulting Engineer, advisory activity for automotive industrial development in Brazil.

4. STEYR DAIMLER PUCH AG, Steyr, Austria. 1945 - 1952.

Chief Engr., Research and Development, in charge of design, test and research. Directing development of trucks, busses, farm tractors including all components like transmission, brakes, axles, chassis, body and farm implements. Standardized high output, light weight Diesel engine family 15 to 150 HP. Light weight, aluminum passenger car engine. Experimental passenger cars.

5. SIMMERING GRAZ PAUKER AG, Vienna, Austria. 1941 - 1945.

Chief Engr., Test and Research, in charge of test laboratory directing test and development of air - and liquidcooled gasoline and Diesel engines 300 - 700 HP for Army Ordn. Planning and supervising the installation of test laboratory.

6. STEYR DAIMLER PUCH AG, Steyr, Austria. 1934 - 1941

Senior Designer and Ass. Chf. Engr. heavy duty trucks, military vehicles on wheels and tracks, Engine and vehicle test, off road operation, winterization, for German Army Ordn.

7. SOCIETE LORRAINE, Paris France. 1934.

Consulting Engineer, self propelled railroad cars, powerplants.

8. AUSTRO DAIMLER AG, Wr. Neustadt, Austria. 1932 - 1933.

Design Engineer, worked on railroad cars, torque convertor transmission, welded construction.

Patents:

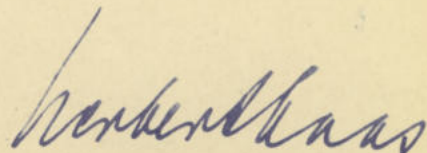
12 patents (German, Austrian, Britain), several US patents applied for. Subjects: vehicles, engines, Diesel combustion, aircooling, brakes, steering systems for tracked vehicles, power mover, etc.

Affiliations:

Society of Automotive Engineers (USA)
Max Eyth Gesellschaft (Germany) agricultural engineering.
Verein Deutscher Ingenieure (Germany) expired.

Publications:

Doctor dissertation: High performance, aircooled Diesel engine.
SAE paper: 750 HP aircooled CONTINENTAL Diesel engine. (Jan. 1957.)
Several publications on agriculture subjects.



Herbert H. Haas

TOPICS of CAREER:

a. Engineering

Aircooled Diesel engines of high performance, light weight.
Highly standardized engine and commercial vehicle families.
Farm tractor family and implement range for small farms.
Wide variety of special developments like:
Logging equipment, Diesel light weight railroad car,
Military vehicles for off road operation including
special transmissions, swing axles, steering mechanism etc.
Broad field experience in testing vehicles on and off the road.
Extensive engine laboratory experience.
Doctor disstn: High performance aircooled Diesel engine.
SAE paper: 750 HP aircooled CONTINENTAL Diesel engine.

b. Generals

Technical and general education of high qualification.
Ability for creative work (See developments and patents).
Successfull direction and organization of development
and teamwork.
Planning and coordination of future production programs,
market analysis.
Cooperation with sales organization, customers and
civilian and military authorities.
Broad international background, acquired in USA,
all over Europe and Brazil.