

BAG 3966

INDEX - MICROFILM - REEL - 92
(Orig. Ident. Reel 2G)

DOCUMENTS ON AUTOMOTIVE RESEARCH AND ENGINEERING

GROUP I

Several Ungsteins not included in the regular Ungstein Series

Report No.

L. 4	11C15	High strength aircraft steels	15.5.40
L. 5	111B17	Instructions for the testing of component parts and equipment of power plant housings of airplanes	13.5.40
L. 7	11C21	Synthetic materials and their use in aircraft construction	31.1.41
L. 8	111A21	Piston rings	Oct. 1939
L. 9	111A22	The basic form and working principles of injection pumps and jets for diesel and Otto aero-Engines	16.2.40
L.10	111A24	Aero-dynamic jet cooling of liquid-cooled aero-motor with radators	1.4.40
L.11	111A26	The design of combustion chambers in Aero-Engines	12.4.40
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L.14	111A29	Aero-carburetor	
L.15	111A30	The principles of design and construction of in line aero engines	15.5.40
L.17	111A32	Fuel supply pumps	15.5.40
U. 6		Research work on Pistons by Dr. Ing Erich Koch VDI Stuttgart	1942
U. 22		German research installation for aviation. Description and installation of an automatic coolant temperature control shutter for aero-engines	

DOCUMENTS ON AUTOMOTIVE RESEARCH AND ENGINEERING

GROUP-2

DOCUMENTS COLLECTED FROM F.K.F.S. UNTERTURKHEIM, F.K.F.S.
KIRCHHEIM AND FROM DR. WIDMAIER

<u>CIOS</u> <u>NO.</u>	<u>REPT</u> <u>NO.</u>	<u>TITLE</u>	<u>AUTHORS(S)</u>	<u>DATE</u>
		German Aviation Research by the Research Institute for Automotive Transport and Vehicle, Engines at the Technical College, Stuttgart.		
SA1	1697	The Effect of Peroxides in the Engine and their determination	Widmaier	16.12.42
SA2	1742	The Effect of Aldehydes in the Engine and their quantitative determination	Widmaier	5.2.43
SA3	1905	Evaluation of Fuels for their tendency to form Vapour Bubbles (Vapour lock)	Widmaier	10.2.44
SA4	1815	F.K.F.S. Method of Estimating the Bromine Content of Aviation Fuels	Widmaier	19.6.43
SA5	5011	Load and Lubrication Ratios of Modern German and Foreign 12-Cylinder in-line Aero Engines	Riekert, Hampf & Dorflinger	10.1.44
SA6	5013	Principle tests on the Sliding Bearing Test Rig of an Aero-Engine Main Big End Bearing (Interim Report)	Kamm et al Nallinger, et al.	10.3.44 10.3.44
SA7	5018	Testing of Lubricant Additives in a single-cylinder Engine	Riekert Rossenbeck & Handschuh	24.5.44
SA8	5019	Measuring the Temperature Distribution of a Main Big End Bearing on the Sliding Bearing Principle Test Rig	Hampf et al	19.5.44
SA9	5025	Tests on the running-in behaviour of Piston Rings with protective coatings in Pearlite Cast (Iron) Cylinders	Rossenbeck	20.6.44