

RESEARCH AUTHORIZATIONS
NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS
AIRCRAFT ENGINE RESEARCH LABORATORY
CLEVELAND, OHIO

APRIL 2, 1945

<u>R.A.</u>	<u>TITLE</u>	<u>REQUESTED BY</u>	<u>DATE</u>	<u>CLASSIFICATION</u>
E-1 ★	Investigation of Improvement in Power Output of Allison 1710 Engine. (Classification changed from CONFIDENTIAL to RESTRICTED, AAF, ATSC letter, 11-6-44 TSESE-413.)	AAF	10-22-42	<u>RESTRICTED</u>
E-2	Investigation of Reduction of Wear on Engine Cylinders, Pistons, Rings, and Valves.	AAF	10-22-42	<u>UNCLASSIFIED</u>
E-3	Correlation of Existing Data on Aircraft Engine Lubrication. (Recommended for closing - Letter to W.O. 11-8-44.)	NACA	12-17-42	<u>UNCLASSIFIED</u>
E-4	Development of Special Performance Tests for Aircraft Lubricants.	NACA	12-17-42	<u>UNCLASSIFIED</u>
E-5	Experimental Studies of Mechanism of Lubricants Deterioration.	NACA	12-17-42	<u>UNCLASSIFIED</u>
E-6	Determination of Effect of Back Pressure on Engine Power.	NACA	12-17-42	<u>UNCLASSIFIED</u>
E-7	Investigation of Improved Baffle Design for Increased Engine Cooling.	AAF	6-8-43	<u>CONFIDENTIAL</u>

UNCLASSIFIED

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<u>R.A.</u>	<u>TITLE</u>	<u>REQUESTED BY</u>	<u>DATE</u>	<u>CLASSIFICATION</u>
E-38	Investigation of Mixed-Flow Type of Impeller - High-Speed Characteristics and Feasibility of Casting.	NAVY	4-28-43	<u>CONFIDENTIAL</u>
E-39	Investigation of Aviation Fuels Containing Xylidines and Other Aromatic Amines. (Classification changed from UNCLASSIFIED to RESTRICTED, NACA letter, 6-3-43, CW/ejd)	AAF <i>Recorded as completed report completed test remarks now in progress - NACA Set, 11/26/45 # 35095</i>	5-19-43	<u>RESTRICTED</u>
E-42	Investigation of Piston Cooling.	AAF	7-6-43	<u>RESTRICTED</u>
E-43	Comparison of Performance of Various Engine Cylinders. <i>(Recommended for cancellation - Letter to N.C. 7/7/45 (encl. pul) # 35095)</i>	AAF	7-10-43	<u>RESTRICTED</u>
E-44	Investigation of Characteristics of Type I Engine. (Classification changed from SECRET to CONFIDENTIAL, NACA letter, 11-15-43, REL:HS)	AAF	7-10-43	<u>CONFIDENTIAL</u>
E-45	Investigation of Cooling of Liquid-Cooled Engine Cylinders and Corresponding Piston Temperatures.	AAF	7-21-43	<u>UNCLASSIFIED</u>
E-46	Determination of Performance in Full-Scale Single-Cylinder Engine of Hydrocarbon Samples Supplied by National Bureau of Standards.	NACA	7-22-43	<u>RESTRICTED</u>

