

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

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COUNTRY	East Germany	REPORT	[REDACTED]	25X1
SUBJECT	Research on Ultrasonic Ignition System for Piston Engines	DATE DISTR.	4 February 1955	
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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

[REDACTED] 25X1

1. [REDACTED] the Ministerium fuer Maschinenbau Department HV 18, Pirna, (potential Luftfahrt Ministerium), is considering a new research project for building an ultrasonic ignition system for piston rings. 25X1
2. The project is to develop a cheap ultrasonic generator to activate a quartz set in the wall of an engine cylinder which will ignite the gasoline-air mixture in the cylinder. This system would replace the normal ignition system using sparking plugs and, by more efficient burning, would make it possible to use lower octane fuels in piston engines.

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STATE	X	ARMY	EV	X	NAVY	X	AIR	X	FBI	AEC	OSI	EV	X
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(NOTE: Washington distribution indicated by "X"; Field distribution by "#".)