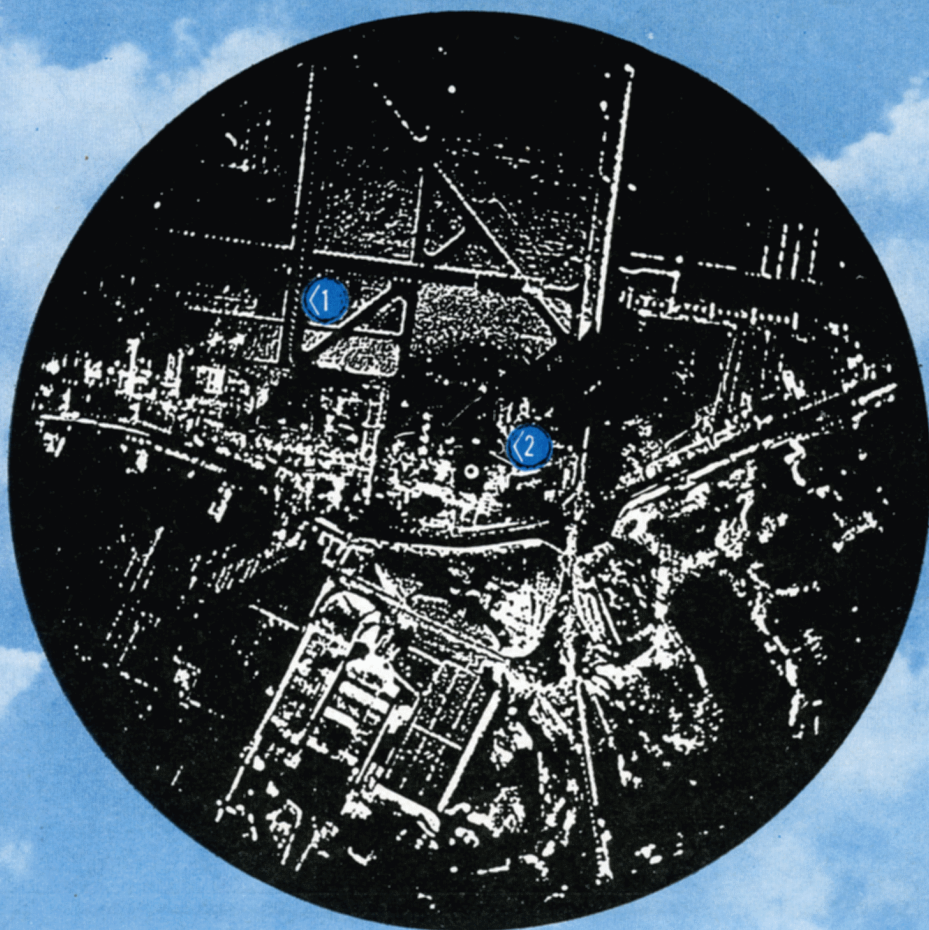
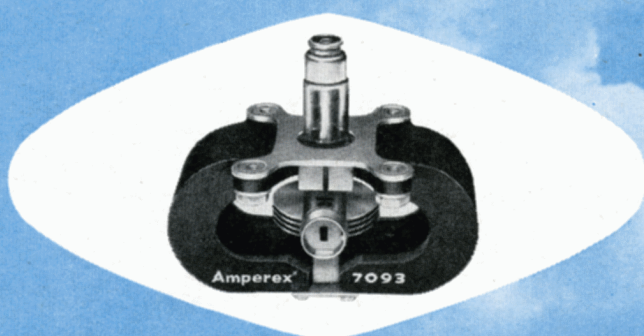


6

THE SHORTEST PULSE ON RECORD...



GENERATED BY THE NEW **Amperex**<sup>®</sup> TYPE 7093 K-BAND MAGNETRON



*Illustration above is a direct line-conversion from an unretouched radarscope photo of Schiphol Airport, Amsterdam, Netherlands. Range—1500 meters.*  
**1** jeep travelling down runway at 55 mph.  
**2** slow moving vehicles and people walking.

The 7093 permits the design of an extremely compact, short range radar system providing resolution of 4 meters at 1000 yards and a minimum range of only a few yards.

**NOTEWORTHY FEATURES OF THE AMPEREX TYPE 7093**

- Frequency Range: 34,512 - 35,208Mc.
- Power Output: 25KW
- Pulse Length: 0.02 microseconds
- Rise Time: 600KV per microsecond
- Weight: 4.2 lbs.
- Cathode: Philips dispenser-type
- Immediately available in production quantities.



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*about microwave tubes for microwave applications*

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