

MICROPHONE DATA SHEET

1. MI-Number: MI-12016 MI-12016-A

2. Name of Microphone: Aerodynamic Microphone

3. Application: Commercial sound

4. Output Impedance: 250 ohms

5. Recommended Load Impedance: Unloaded input transformer

6. Frequency Response: 5-351023

7. Effective Output Level @
1000 cycles:
Sound pressure -56 dbm
10 dynes/cm²

8. OP (RMA sensitivity rating): -150 db

9. Output Voltage @ 1000 cps: 170×10^{-6} volts/dyne/cm²

10. Weight: MI-12016 MI-12016-A 1 pound 1 ounce (less cable)
MI-12016-A 2 pounds 1 ounce (with cable)
MI-12016 1 pound 5 ounces (with cable)

11. Overall Dimensions:
(a) Diameter 2 7/16 inches
(b) Length 3 5/16 inches
(c) Height 2 7/8 inches

12. Type of Finish: Light and dark amber grey metal finish.

13. Specs for External Connections: MI-12016 7 ft. cable no plug
(2 Conductor Shielded) MI-12016-A 25 ft. cable no plug

14. Mounting Information: 1/8 inch female pipe thread

15. Photograph: 70697

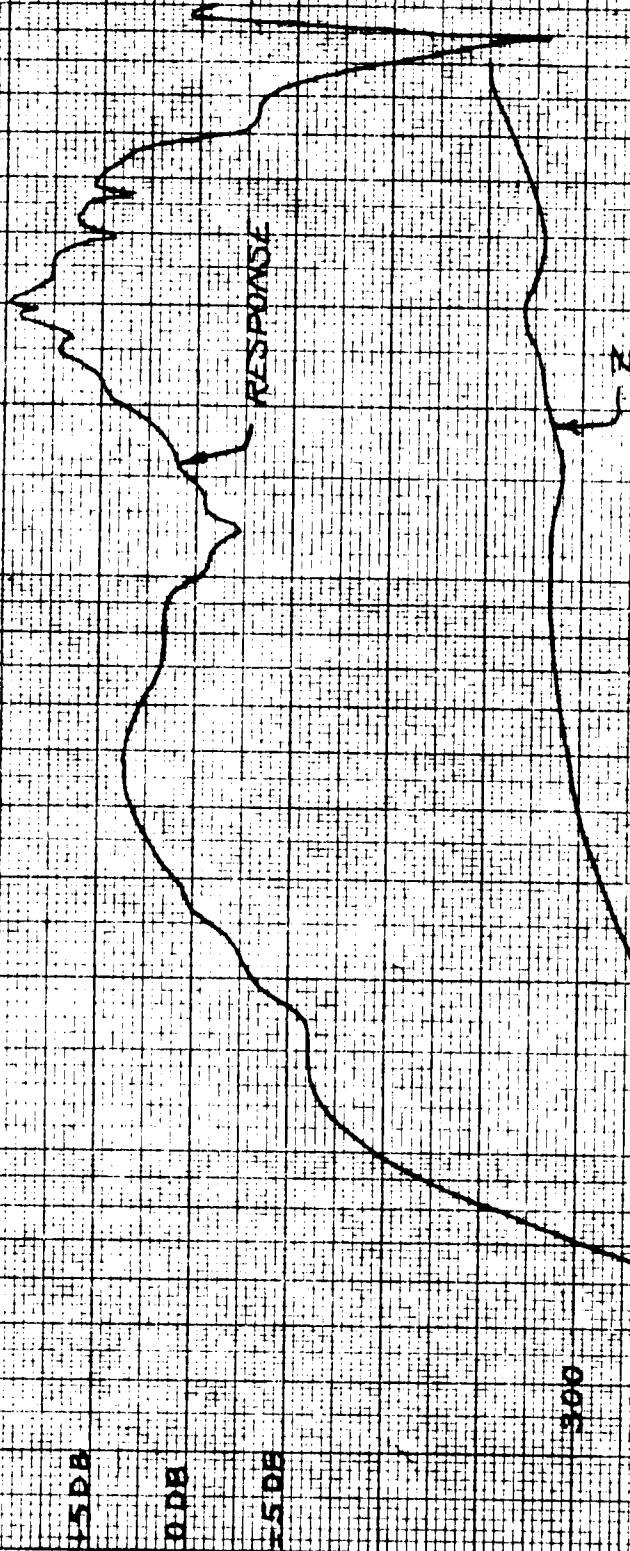

L. J. Anderson

RCA MI-12016-A CALIBRATION CURVE

CALIBRATED AGAINST STD. MI-3044

OUTPUT VOLTAGE $6.1800 \text{ CPS } 170 \times 10^{-6} \text{ VOLTS / DYNE / CM}^2$

FREE FIELD PLANE WAVE



FREQUENCY IN CYCLES PER SECOND

S-351023