

TRANSDUCER DATA GRAPH SHEET

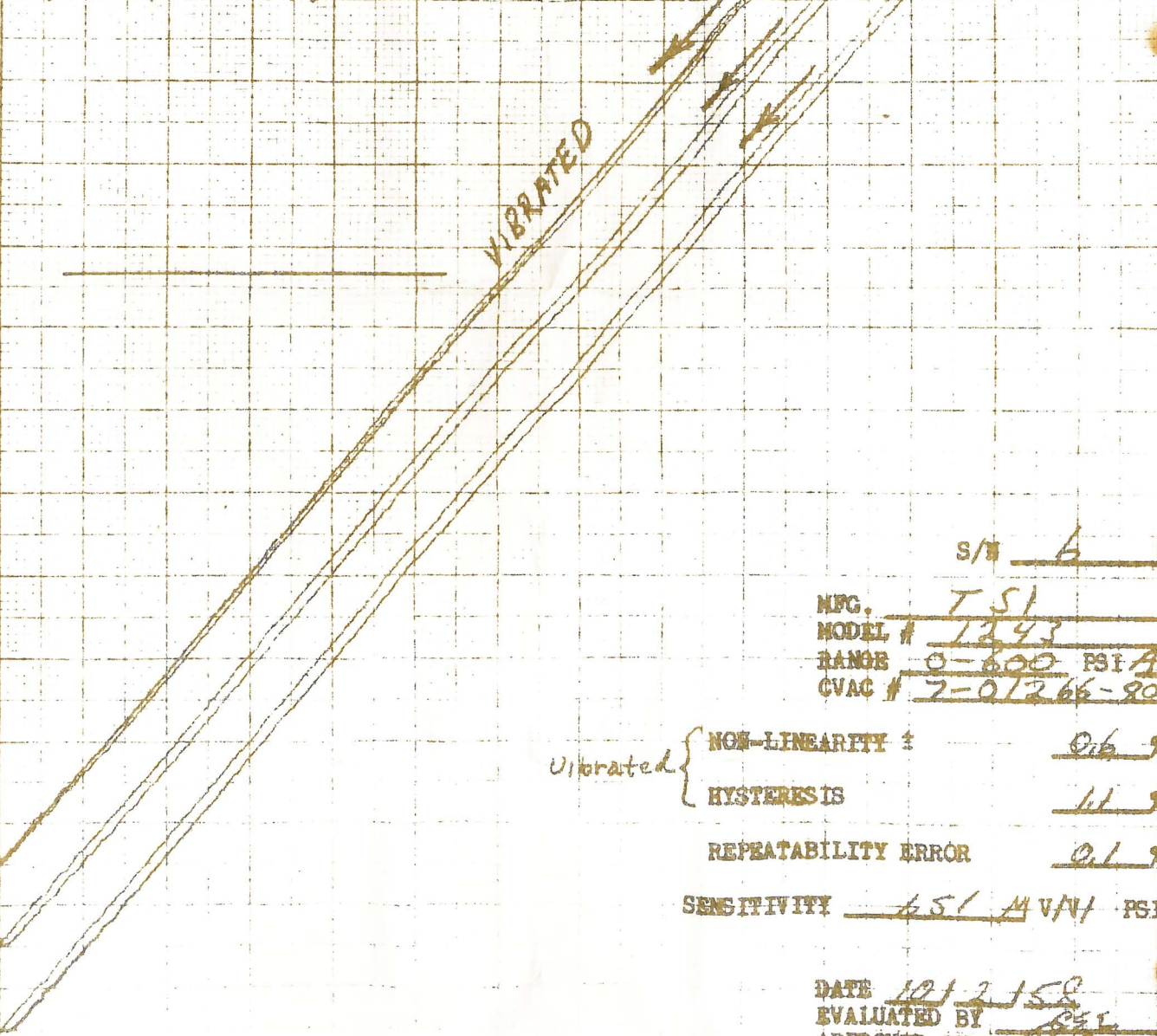
ASTRONAUTICS STANDARDS LAB TEST OF A PRESSURE  
 TRANSDUCER BY COMPARISON WITH A GEC  
 STANDARD TRANSDUCER; S/N 7964. OUTPUT OF  
 THE TEST TRANSDUCER DRIVES THE Y AXIS OF A  
 LIBRASCOP E-X-Y PLOTTER USING THE 10.0V  
 SCALE. THE STANDARD DRIVES THE X AXIS  
 USING THE 0.25V SCALE. OVERPRESSURE  
 TEST TO PSI

INPUT 9.035 VOLTS ● PSI  
 OUTPUT 0.744 VOLTS ● 147 PSI } MIT  
 OUTPUT 8.719 VOLTS ● 600 PSI } VIB

MEDIUM N<sub>2</sub> OUTPUT 0.714 V. @ 147 PSIA } VIB.  
 DATE 10/2/58 8.841 V. @ 600 PSIA }

TEST BY Ritter

POT RES 7497 Ω



S/N 6  
 MFG. TSI  
 MODEL # 1243  
 RANGE 0-600 PSI A  
 CVAC # 7-01266-907

Vibrated { NON-LINEARITY ± 0.6 %  
 HYSTERESIS 1.1 %  
 REPEATABILITY ERROR 0.1 %  
 SENSITIVITY 6.51 MV/1 PSI

DATE 10/2/58  
 EVALUATED BY PSL  
 APPROVED BY ENG. ENGR.

(PSI)