

CALIBRATION REPORT
 PRESSURE TRANSDUCER

 MORTON - THIOKOL INC. WASATCH DIVISION

<u>TAVIS</u>	<u>16A03045-7</u>	<u>18284</u>	<u>0000094</u>	<u>28 MAR 88</u>
MFG	MODEL	MFG. SN.	THIOKOL SN:	CALIB. DATE
<u>10 PSIA</u>	<u>73</u>	<u>25.58</u>	<u>4.696</u>	<u>28</u>
RANGE	TEMP. DEG. F	BAROMETER IN. HG.	SPAN-VOLTS DC.	EXCITATION VDC.

**ELECTRICAL
SIMULATION**

PINS E&F:
 OPEN; VDC= 0.169
 SHORTED; VDC= 0.168
 DIFFERENCE= -0.001

 %= -0.02

PSIG

VDC OUTPUT

100%= 4.865
 80%= 3.941
 60%= 3.008
 40%= 2.066
 20%= 1.116
 0%= 0.169

LINEARITY

100%= 100.00
 80%= 80.32
 60%= 60.45
 40%= 40.40
 20%= 20.16
 0%= 0.00

HYSTERESIS

80%= -0.01
 60%= 0.03
 40%= 0.02
 20%= 0.04
 0%= -0.03

VJ Bastian

 APPROVAL

29 MAR 88

 DATE

