

MARK

STUDY NO. 492-5
ADDITIONAL INITIALS jbm

J. A. HARTER

1161

PALIT NUMBER: 26289

OPER. NUMBER: 100-130

CYCLE TIME: H/A

DATE: 10-28-81

corrected to 100% at the
 100% To determine the amount

DESCRIPTION OF CHARACTERISTIC

FLYGT	I/U	EXPLC
NO	10L	YIELD STAT

1.0170 0 JUT 60

1,0074	0	CU1-64
0,0000	0	N/A

APPLIED 510

FOREMAN, QUALITY CONTROL

PRODUCTION SUPERVISOR

—Pitt-Cross (Maginiffr)

10.20.31

MACHINE CAPABILITY STUDY

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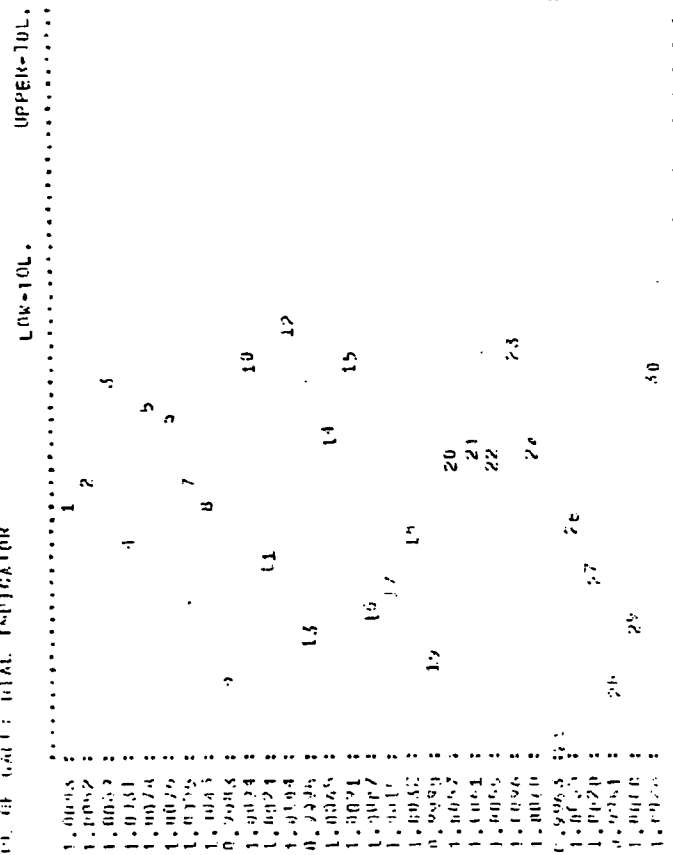
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DATE: 06/01/71
CIRCUIT: 11000 CP 100

MODEL DRAWING DIMENSIONS
MIN: 1.0120 MAX: 1.0240

DESCRIPTION OF CHARACTERISTIC: DIA 2.800 FROM REECH FACE
TYPE OF GAUGE: TOTAL INDICATOR

HISTOGRAM



MEAN

MEAN = 1.0040

STANDARD DEVIATION = 0.00307

SIX STANDARD DEVIATIONS = 0.02351

REMARKS: YIELD - AS RUN = 2, PERCENT
REMARKS: WITH DIA. OF 1.0000, CP APPLIED = 90, PL 0001
REMARKS: DIA. 1.0000 IS NOT CONTAINED IN 5 STANDARD DEVIATIONS *****

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GAGE NUMBER: 03102
CORRECTION: 0.00013

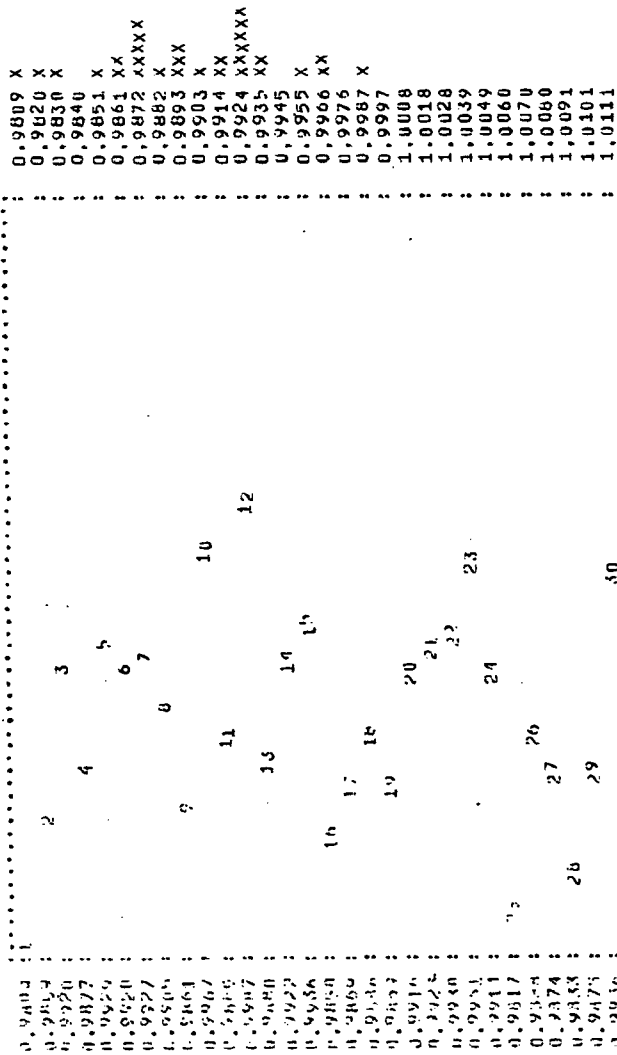
MODEL DRAWING DIMENSIONS
MIN: 1.0034 MAX: 1.0114

DESCRIPTION OF CHARACTERISTICS DIA 2.500 FROM HATCH FACE

TYPE OF GAGE: DIAL INDICATOR

HISTOGRAM

LOW-TOL. UPPER-TOL.



MEAN

MEAN = 0.99985

STANDARD DEVIATION = 0.00456

SIX STANDARD DEVIATIONS = 0.02614

PERCENT VIEL - AS RHD = 0. PERCENT
APPLIED - 0.4TH DEAF OF TOL-RANGE APPLIED = 0.4. PERCENT
APPLIED - 1.4TH DEAF OF TOL-RANGE APPLIED = 1.4. PERCENT

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GAGE OPERATOR: JUDGE
CORRECTION:

MODEL DRAWING DIMENSIONS
MIN: 0.0000 MAX: 0.0000

DESCRIPTION OF CHARACTERISTIC: DIFFERENCE OF BEFORE AND AFTER
TYPE OF GAGE: DIAL INDICATOR

0.0234	1	0.0000
0.0193	2	0.0008
0.0169	3	0.0016
0.0154	4	0.0024
0.0149	5	0.0032
0.0136	6	0.0040
0.0120	7	0.0048
0.0140	8	0.0056
0.0122	9	0.0065
0.0127	10	0.0073
0.0135	11	0.0081
0.0117	12	0.0089
0.0116	13	0.0097
0.0143	14	0.0105
0.0157	15	0.0113
0.0157	16	0.0121
0.0146	17	0.0129
0.0154	18	0.0137
0.0121	19	0.0145
0.0131	20	0.0153
0.0133	21	0.0161
0.0129	22	0.0169
0.0135	23	0.0178
0.0146	24	0.0186
0.0146	25	0.0194
0.0147	26	0.0202
0.0146	27	0.0210
0.0144	28	0.0218
0.0128	29	0.0226
0.0130	30	0.0234

MEAN

MEAN = 0.01449

STANDARD DEVIATION = 0.00234

SIX STANDARD DEVIATIONS = 0.01406

SUMMARY-EXPECTED YIELD - AS RUN

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DESCRIPTION OF CHARACTERISTIC

EXPECTED YIELD

11A 2.006 FROM EACH FACE

2.

11A 2.006 FROM EACH FACE

0.

TOTAL YIELD

0.

SUMMARY-EXPECTED YIELD - WITH MEAN OF TOLERANCE APPLIED

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DESCRIPTION OF CHARACTERISTIC

EXPECTED YIELD

117 2.808 FROM HATCH FACE

80.

114 2.808 FROM HATCH FACE

64.

TOTAL YIELD

51.