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| MAX LEVY AUTOGRAPH, INC. PROPRIETARY | | | | DATE | SYM | REVISION/RECORD | AUTH | DR | CK |
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NOTES:

- SUBSTRATE: 0.060" (1.5MM) PHOTO QUALITY SELECT SODA LIME FLOAT GLASS. INDEX OF REFRACTION 1.521/1.523 (589.3 NM SODIUM D LINE)
- FLATNESS: 2 WAVES / INCH
- OPTICAL QUALITY: SCRATCH/DIG 20:10 OVER ACTIVE AREA
- COATING: REFLECTIVE CHROMIUM FIRST SURFACE. OPTICAL DENSITY > 3.0. COATING DESIGNED TO PROVIDE REFLECTION 50% ± 5% @ 550 NM
- EDGES: BREAK SHARP EDGES. NO VISIBLE EDGE CHIPS > 0.25 MM DIAMETER
- PATTERN SIZE: 2.39" (60.75MM) HORIZONTAL, 2.23" (56.72MM) VERTICAL.
- TARGET CONFIGURATIONS: COVERS THE GROUP -2, ELEMENT 1 (0.250 LP/MM) TO GROUP +9, ELEMENT 3 (645 LP/MM).
- LINEWIDTH TOLERANCE: ±0.0005MM
- POLARITY:
POSITIVE: OPAQUE PATTERN ON CLEAR BACKGROUND
NEGATIVE: CLEAR PATTERN ON OPAQUE BACKGROUND
- LABEL WITH PATTERN INFORMATION IS AFFIXED TO OUTSIDE OF PLASTIC CONTAINER.
- TARGETS ARE SIZED TO FIT GARY PLASTIC CONTAINER PART NO. G-1590 (4 1/16" X 4 1/16" X 5/8")

BREAK SHARP CORNERS

| CONTRAST | ΔD° | % TRANSMISSION | CONTRAST RATIO |
|----------|-----------|----------------|----------------|
| HIGH | 2.0° | 1.0 | 100:1 |
| MEDIUM | 0.8 Δ0/05 | 16.0 | 6.3:1 |
| LOW | 0.2 Δ0/05 | 63.0 | 1.6:1 |

| RESOLUTION VALUES FOR STANDARD USAF 1951 RESOLUTION TARGET TEST PATTERN (ALL VALUES IN CYCLES PER MILLIMETER) | | | | | | | | | | | | |
|---|-------|-------|------|------|------|------|------|------|------|-----|--------|--------|
| GROUPS | | | | | | | | | | | | |
| ELEMENTS | -2 | -1 | +0 | +1 | +2 | +3 | +4 | +5 | +6 | +7 | +8 | +9 |
| 1 | 0.250 | 0.500 | 1.00 | 2.00 | 4.00 | 8.00 | 16.0 | 32.0 | 64.0 | 128 | 256.00 | 512.00 |
| 2 | 0.281 | 0.561 | 1.12 | 2.24 | 4.49 | 8.98 | 17.9 | 35.9 | 71.8 | 143 | 287.35 | 574.70 |
| 3 | 0.315 | 0.629 | 1.26 | 2.52 | 5.04 | 10.1 | 20.1 | 40.3 | 80.6 | 161 | 322.54 | 645.08 |
| 4 | 0.354 | 0.707 | 1.41 | 2.83 | 5.66 | 11.3 | 22.6 | 45.3 | 90.5 | 181 | 362.04 | |
| 5 | 0.397 | 0.794 | 1.59 | 3.17 | 6.35 | 12.7 | 25.4 | 50.8 | 101 | 203 | 406.37 | |
| 6 | 0.445 | 0.891 | 1.78 | 3.56 | 7.13 | 14.3 | 28.5 | 57.0 | 114 | 228 | 456.14 | |

MLO PART NUMBER:
NEGATIVE TARGET: DA100
POSITIVE TARGET: DA101

DWG. DASH NUMBER:
NEGATIVE TARGET: -001
POSITIVE TARGET: -002

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|--|-------------------------------|--------------------|-------------|
| SHEET 1 OF 2 | | MAX LEVY AUTOGRAPH | |
| TOLERANCES (UNLESS NOTED) | MATERIAL | SCALE | DRAWN BY |
| DECIMAL .XXX± +/-.005 .XX± +/-.015 .X± +/-.030 | SEE NOTES | NONE | MRV |
| FRACTIONAL | TITLE | | APPROVED BY |
| +/- .030 | USAF 1951 TARGET GRPS -2 TO 9 | | |
| ANGULAR +/-.5Deg. | DATE 5/6/90 | DRAWING NUMBER | |
| | | 300MLA0197-00X | |

