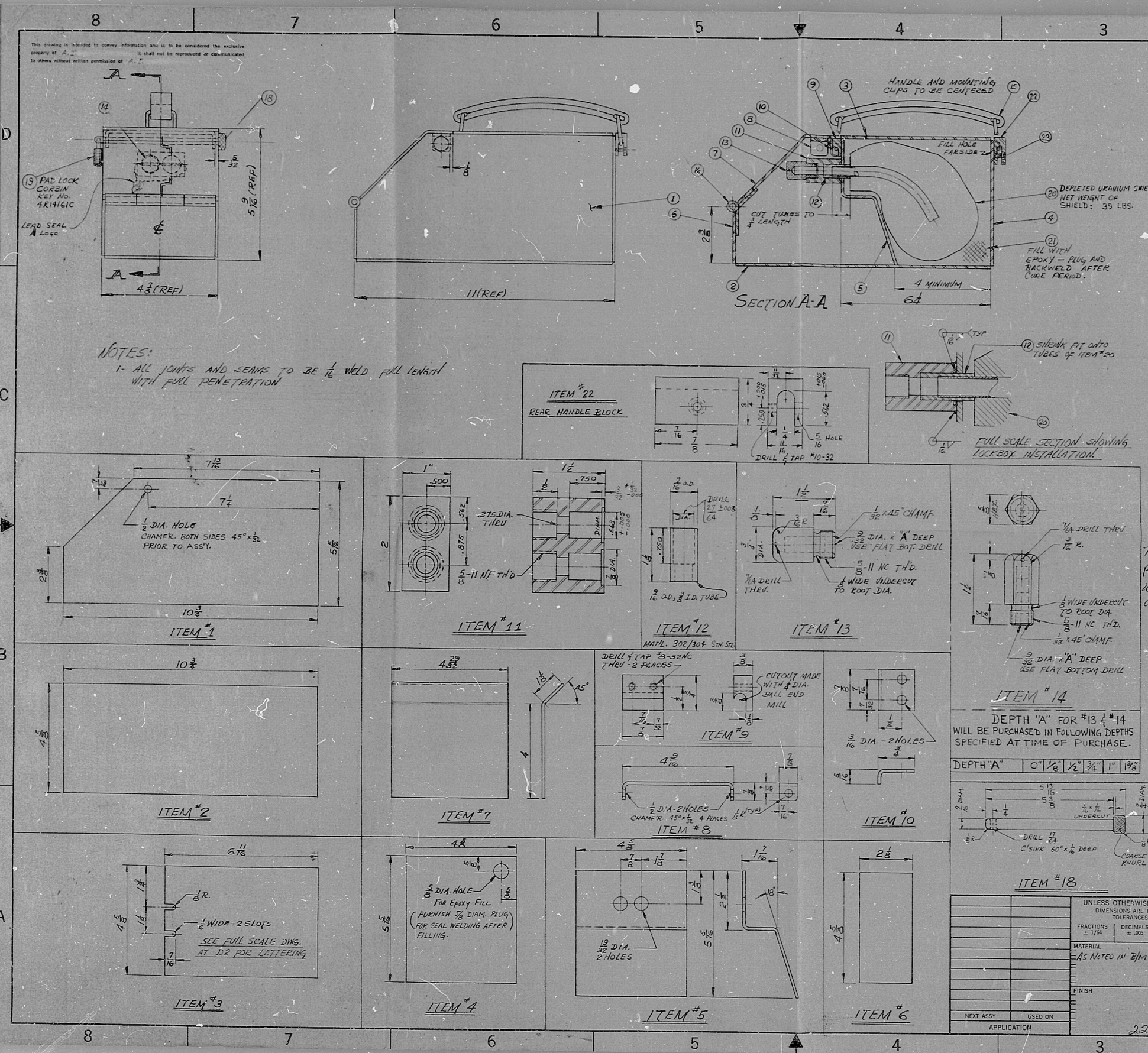


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| REVISIONS |     |                                            |          |          |
|-----------|-----|--------------------------------------------|----------|----------|
| ZONE      | LTR | DESCRIPTION                                | DATE     | APPROVED |
| A         |     | ADDED SEAL BOLT ITEM 18                    | 7/14/73  | Anton    |
| B         |     | ADDED CORBIN PAD LOCK, ITEM 19             |          |          |
| C         |     | ADDED INSIDE OF STEEL URANIUM SHIELD       | 3/15/77  | Anton    |
|           |     | ADDED ITEMS 22 & 23                        |          |          |
|           |     | 120 CURIES MAX. CAPACITY WAS 300 CURIES    |          |          |
|           |     | ADDED TYPE B(U) CERTIFICATION TO TOP PLATE | 12-27-84 | Santos   |

**RADIOACTIVE MATERIAL SPECIAL FORM**  
**IRIDIUM-192 120 CURIES MAX.**  
**TYPE B(U) PACKAGE**  
MODEL 500-SU WEIGHT: 60 LB/27 KG.  
PACKAGE IDENT. NO.:  
USA/9006/B(U)B  
MADE IN USA. - PROPERTY OF  
**AUTOMATION INDUSTRIES, INC.**  
PHOENIXVILLE, PA. 19460, U.S.A.

LETTERS AND SYMBOLS TO BE  
CHEMICALLY ETCHED .010 DEEP  
NOTE: LETTERING FOR ITEM #3  
P.R.O. APERTURE  
CARD  
CONTAINER SER. NO.  
SU-XXX  
LETTERING FOR ITEM #6

| ITEM | QTY | SIZE | PART NUMBER | DESCRIPTION                                              | MATERIAL           | MATL SPEC |
|------|-----|------|-------------|----------------------------------------------------------|--------------------|-----------|
| 23   | 1   |      |             | ALIEN CAP SCREW #10-32 x 1/2 LNS. UNDER HEAD - STL. STL. |                    |           |
| 21   | 1   |      |             | HANDLE BLOCK - REAR                                      | STL. STL.          |           |
| 21   | 1   |      |             | EPKSY-CIBA ARALDITE "D" + HARDEN "A"                     |                    |           |
| 20   | 1   |      |             | PKG ASSY - NET WEIGHT 39 LB. (SPENT URANIUM)             |                    |           |
| 19   | 1   |      |             | CORBIN PAD LOCK - TUMBLER KEY                            | STL. SHIMCKLE      |           |
| 18   | 1   |      |             | SEAL BOLT                                                |                    |           |
| 17   | 2   |      |             | SCREW #8-32 x 1/4 LNS. SST                               |                    |           |
| 16   | 1   |      |             | HINGE BUTT 1 1/2" x 1 1/2" x 1/4" PIN                    | SET                |           |
| 15   | 1   |      |             | HANDLE - CHASE LEANER                                    |                    |           |
| 14   | 1   |      |             | LOCK BOX CAP - REAR TYPE                                 | BRASS              |           |
| 13   | 1   |      |             | LOCK BOX CAP - FRONT TYPE                                | BRASS              |           |
| 12   | 2   |      |             | TUBE SLEEVE                                              | 302/304 SST        |           |
| 11   | 1   |      |             | LOCKBOX-CTUBE                                            |                    |           |
| 10   | 1   |      |             | HANDLE CLIP                                              |                    |           |
| 9    | 1   |      |             | HANDLE BLOCK-FRONT                                       |                    |           |
| 8    | 1   |      |             | LOCKING STRAP                                            | #10 GA.            |           |
| 7    | 1   |      |             | COVER PLATE                                              |                    |           |
| 6    | 1   |      |             | FRONT PLATE                                              |                    |           |
| 5    | 1   |      |             | SPACE PLATE                                              |                    |           |
| 4    | 1   |      |             | BACK PLATE                                               |                    |           |
| 3    | 1   |      |             | TOP PLATE                                                |                    |           |
| 2    | 1   |      |             | BOTTOM PLATE                                             |                    |           |
| 1    | 2   |      |             | SIDE PLATE                                               | #10 GA 302/304 SST |           |

|                                                |                         |                |                                                                                |                              |              |                   |             |
|------------------------------------------------|-------------------------|----------------|--------------------------------------------------------------------------------|------------------------------|--------------|-------------------|-------------|
| SPECIFIED<br>DIMENSIONS<br><br>ANGLES<br>± 30° | LIST OF MATERIAL        |                |                                                                                | MATERIAL<br>AS NOTED IN DIM. | FINISH       | NEXT ASSY USED ON | APPLICATION |
|                                                | SIGNATURES              |                | DATE                                                                           |                              |              |                   |             |
|                                                | DRAWN<br><i>LUSCH</i>   | <i>7-17-73</i> |                                                                                |                              |              |                   |             |
|                                                | CHECKED<br><i>Anton</i> | <i>7-16-73</i> |                                                                                |                              |              |                   |             |
| ENGR                                           |                         |                | TITLE                                                                          |                              |              |                   |             |
|                                                |                         |                | IRIDIUM-192 SOURCE CHANGER<br>120 CURIE CAPACITY<br>MODEL "SU" (SPENT URANIUM) |                              |              |                   |             |
| APPROVED DESIGN ACTIVITY                       |                         |                | SIZE                                                                           | CODE IDENT. NO.              | DRAWING NO.  | REV.              |             |
| APPROVED<br><i>M.P. Anton 7/14/73</i>          |                         |                | D                                                                              | 07995                        | 500-SU       | C                 |             |
| 2                                              |                         |                | SCALE 1/8"                                                                     |                              | SHEET 1 OF 1 |                   | 104-A 00336 |
|                                                |                         |                | 83062200000                                                                    |                              |              |                   |             |

U.S. AEC. LICENSE NO. 37-00611-09, AMEND. NO. 71-3, DATED NOV. 15, 1973  
PACKAGE IDENTIFICATION NO. USA/9006/B(U)B

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