

NOTES:

1. APPLICABLE DOCUMENTS:
A. FSI-SSD 7.1.1.1-1993
B. ANSI Y14.5M-1982
2. INSTALL ALL FASTENERS PER FSI-SSD DOCUMENT 7.1.3.1-6.
3. REMOVE ALL BURRS AND SHARP EDGES
R .02 MAX OR 45 DEG X .02 MAX.

4. TWO TECHNOLOGIES, INC
419 SARGON WAY
HORSHAM, PA 19044
PHONE: 215-441-5305
FAX: 215-441-0423

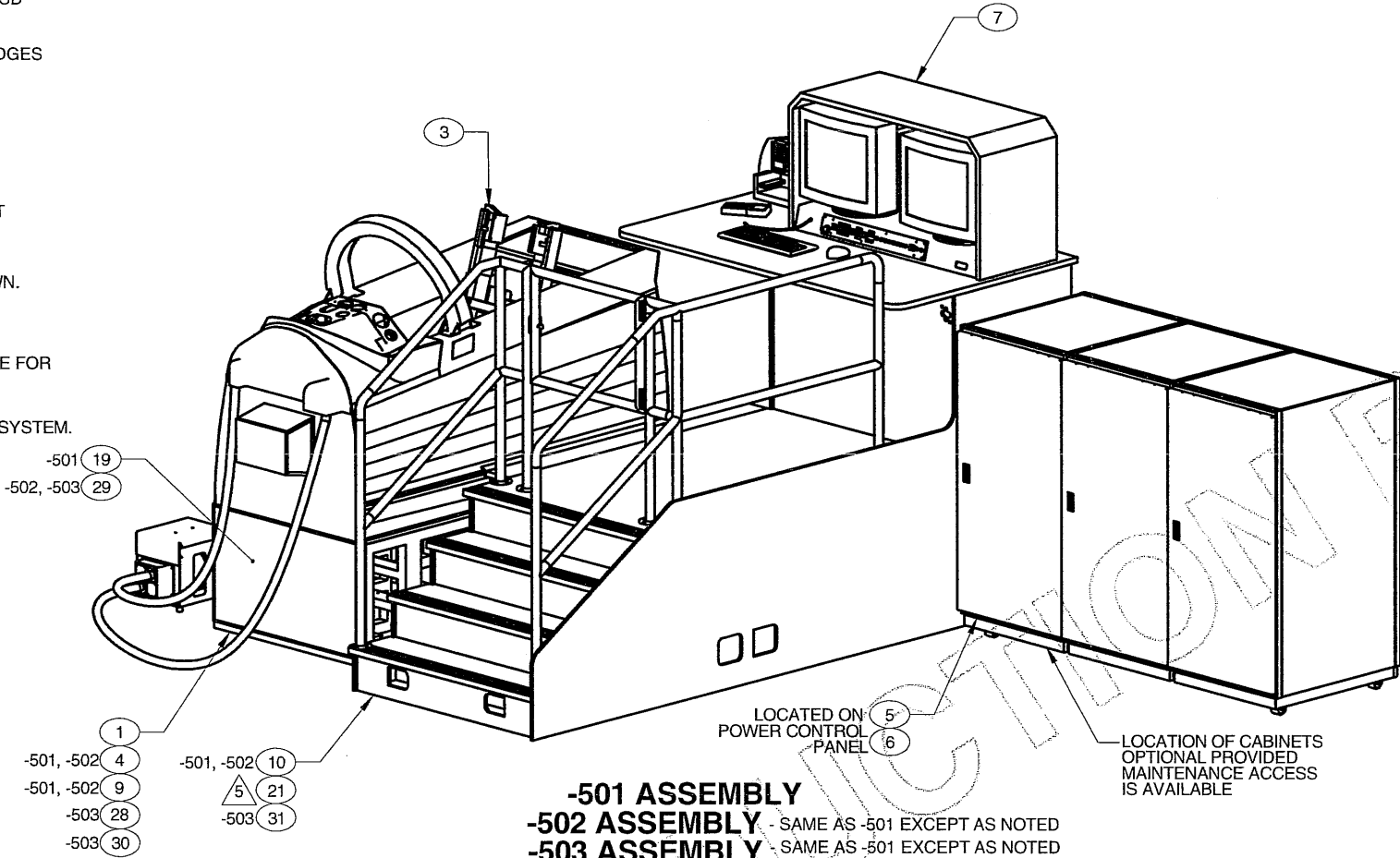
5. TUBING TO BE USED ON THE FRONT
COCKPIT CABLES FOR COSMETIC
APPEARANCE.

6. LOCATE APPROXIMATELY AS SHOWN.

7. USED BUT NOT SHOWN

8. -501 AND -502 ASSEMBLIES INACTIVE FOR
FUTURE DESIGN AS OF REV E.
TABLE BELOW LISTS UTD'S WITH
DRI CONTROLS.
-503 EPRO SYSTEM REPLACES DRI SYSTEM.

| Job No. | Serial No. | Control Loading | Skirt Panels |
|---------|------------|-----------------|--------------|
| 6520 | 003 | DRI | OLD |
| 6534 | 008 | DRI | OLD |
| 6534 | 009 | DRI | OLD |
| 6539 | 011 | DRI | OLD |
| 6542 | 014 | DRI | OLD |
| 6546 | 017 | DRI | OLD |
| 6550 | 020 | DRI | OLD |
| 6553 | 023 | DRI | OLD |
| 6557 | 024 | DRI | OLD |
| 6558 | 025 | DRI | OLD |
| 6561 | 028 | DRI | OLD |
| 6566 | 029 | DRI | OLD |
| 6567 | 030 | DRI | OLD |
| 6583 | 035 | DRI | NEW |
| 6593 | 043 | DRI | OLD |
| 6594 | 044 | DRI | OLD |
| 6605 | 050 | DRI | NEW |
| 6606 | 051 | DRI | NEW |



-501 ASSEMBLY
-502 ASSEMBLY - SAME AS -501 EXCEPT AS NOTED
-503 ASSEMBLY - SAME AS -501 EXCEPT AS NOTED

| | | | | | | | |
|------|------|------|----------|-------------------------|---------------------------------------|----------------------------|----------|
| 1 | | | | 6520AA0107-503 | UTD IDENTIFICATION PLATE | | 33 |
| | 1 | | | 6520AA0107-502 | UTD IDENTIFICATION PLATE | | 32 |
| 1 | | | | 6520AEA001-506 | CABLE INSTALLATION | | 31 |
| 1 | | | | 6520ABA001-506 | SIMULATOR POWER DISTRIBUTION | | 30 |
| 1 | 1 | | | 6520AAA007-501 | PANEL INSTALLATION, SUPPORT STRUCTURE | | 29 |
| 1 | | | | 6520AC0001-506 | COCKPIT STRUCTURE ASSEMBLY | | 28 |
| 1 | 1 | 1 | | 6520AA0005-501 | CABLE ROUTING- ACTR PWR & ENCD | | 27 |
| 1 | | | 43321 | TDC028-7 | FLAT MODULAR CABLE, RJ12 (6X6) | L-COM (ALTERNATE PART NO.) | 26 |
| 1 | | | 02929 | 66WX8512 | CORD SET 6/6 WAY | NEWARK | 26 |
| -503 | -502 | -501 | CAGE QTY | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION | MATERIAL/SPECIFICATION | FIND NO. |

| | | | | | | | |
|------|------|------|----------|-------------------------|---------------------------------------|--|----------|
| 1 | 1 | 1 | 02929 | 06WX8493 | SURFACE SOCKET 6/6 CONTACT | NEWARK | 25 |
| 6 | 6 | 6 | | .250-20UNC-2A | BOLT, HEX HEAD | .250-20UNC-2A CARBON STEEL, CADMIUM PLATED | 24 |
| 6 | 6 | 6 | | .250 ID | WASHER, LOCK | .250 ID CARBON STEEL, CADMIUM PLATED | 23 |
| 6 | 6 | 6 | | .250 ID | WASHER, FLAT | .250 ID CARBON STEEL, CADMIUM PLATED | 22 |
| 10 | 10 | 10 | 92194 | ZIP-41-3 | ZIPPER TUBING | ALPHA | 21 |
| 1 | 1 | 1 | | 6520AA0109-501 | COCKPIT EGRESS PLATFORM - UTD | | 20 |
| | | 1 | | 6520AAA006-501 | PANEL INSTALLATION, SUPPORT STRUCTURE | | 19 |
| 2 | 2 | 2 | | .138-32UNC | NUT, SLF LKG, HX | .138-32UNC CARBON STEEL, CADMIUM PLATED | 18 |
| 2 | 2 | 2 | | .138 ID | WASHER, FLAT | .138 ID CARBON STEEL, CADMIUM PLATED | 17 |
| 2 | 2 | 2 | | .138-32UNC-2A | MSCR, FL CSH, 100, XREC | .138-32UNC-2A CARBON STEEL, CADMIUM PLATED | 16 |
| 1 | 1 | 1 | 4 | PTH-130 | MOUNTING BRACKET, HANDHELD TERMINAL | TWO TECHNOLOGIES, INC | 15 |
| 4 | 4 | 4 | | MS20600AD4W3 | RIVET, PULL, UNIVERSAL HEAD | | 14 |
| | | | | | DELETED | | 13 |
| | | | | | DELETED | | 12 |
| | | | | | DELETED | | 11 |
| 1 | 1 | | | 6520AEA001-503 | CABLE INSTALLATION | | 10 |
| 1 | 1 | | | 6520AC0001-503 | COCKPIT STRUCTURE ASSEMBLY | | 9 |
| 1 | 1 | 1 | | 6520ABP003-501 | EMERGENCY EQUIPMENT | | 8 |
| 1 | 1 | 1 | | 6520ABE003-501 | INSTRUCTOR STATION ASSY | | 7 |
| 1 | 1 | 1 | | 6520ABA015-004 | CB LABEL, AC PWR CONTROLLER | | 6 |
| 1 | 1 | 1 | | 6520ABA015-001 | CB LABEL, AC PWR CONTROLLER | | 5 |
| | 1 | 1 | | 6520ABA001-503 | SIMULATOR POWER DISTRIBUTION | | 4 |
| 1 | 1 | 1 | | 6520AAA003-501 | STATIC SUPPORT STRUCTURE INSTL | | 3 |
| | | 1 | | 6520AA0107-501 | UTD IDENTIFICATION PLATE | | 2 |
| 1 | 1 | 1 | | 6520A00330-501 | FACILITY POWER INSTALLATION | | 1 |
| -503 | -502 | -501 | CAGE QTY | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION | MATERIAL / SPECIFICATION | FIND NO. |

PRODUCTION

D

D

C

C

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B

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A

FASTENER CODE PER NAS 523
DIA IN 32NDS
MFG HEAD SIDE
F=FAR SIDE
N=NEAR SIDE
CSK MATL

RIVET CODE BLOCK
AA=MS20600AD

| G | G | G | REV | REV STATUS |
|---|---|---|-------|------------|
| 3 | 2 | 1 | SHEET | OF SHEETS |

| ADDITIONAL APPROVALS | DATE | PART DASH NO. | QTY REQD PER ASSY | APPLICATION |
|----------------------|------|---------------|-------------------|-------------|
| | | | | |

| THIRD ANGLE PROJECTION | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING | TOLERANCES UNLESS OTHERWISE SPECIFIED | THIRD ANGLE PROJECTION |
|----------------------------------|--|--|------------------------|
| LINEAR XX = .03 XXX = .010 | HOLE DIA UP TO .250 251 THRU .500 501 THRU .750 751 THRU 1.000 1.001 AND OVER | TOLERANCES +.005 -.001 +.003 -.001 +.010 -.001 +.015 -.002 | THIRD ANGLE PROJECTION |

| CONTRACT NO. | APPROVALS | DATE | TITLE |
|------------------|-----------|------------|---------------|
| F33657-94-C-0006 | S. WEAVER | 2000/03/17 | FLIGHTSAFETY |
| | J. MOREY | 2000/03/27 | INTERNATIONAL |

| DESIGN | SCALE | CAGE CODE | DWG. NO. | REV. |
|-----------|-------|-----------|------------|------|
| S. WEAVER | 1/16 | 31866 | 6520AA0003 | G |
| J. BARRON | | | | |

D

D

C

C

→

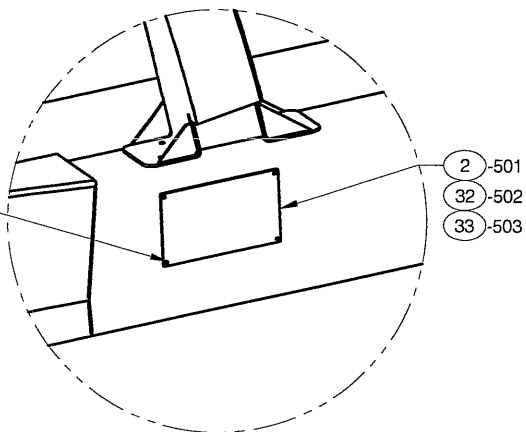
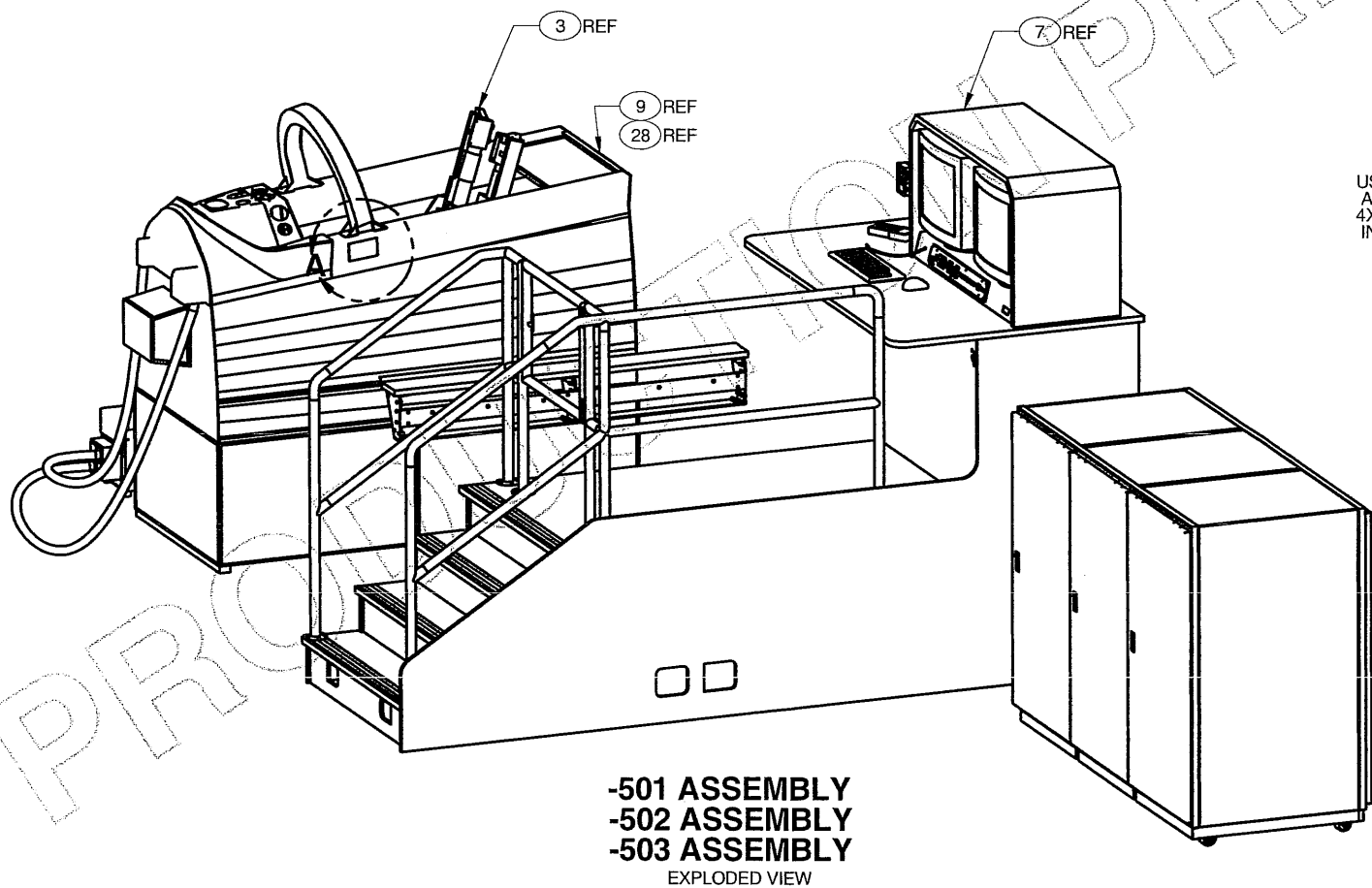
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B

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A



DETAIL A
SCALE: 1/4

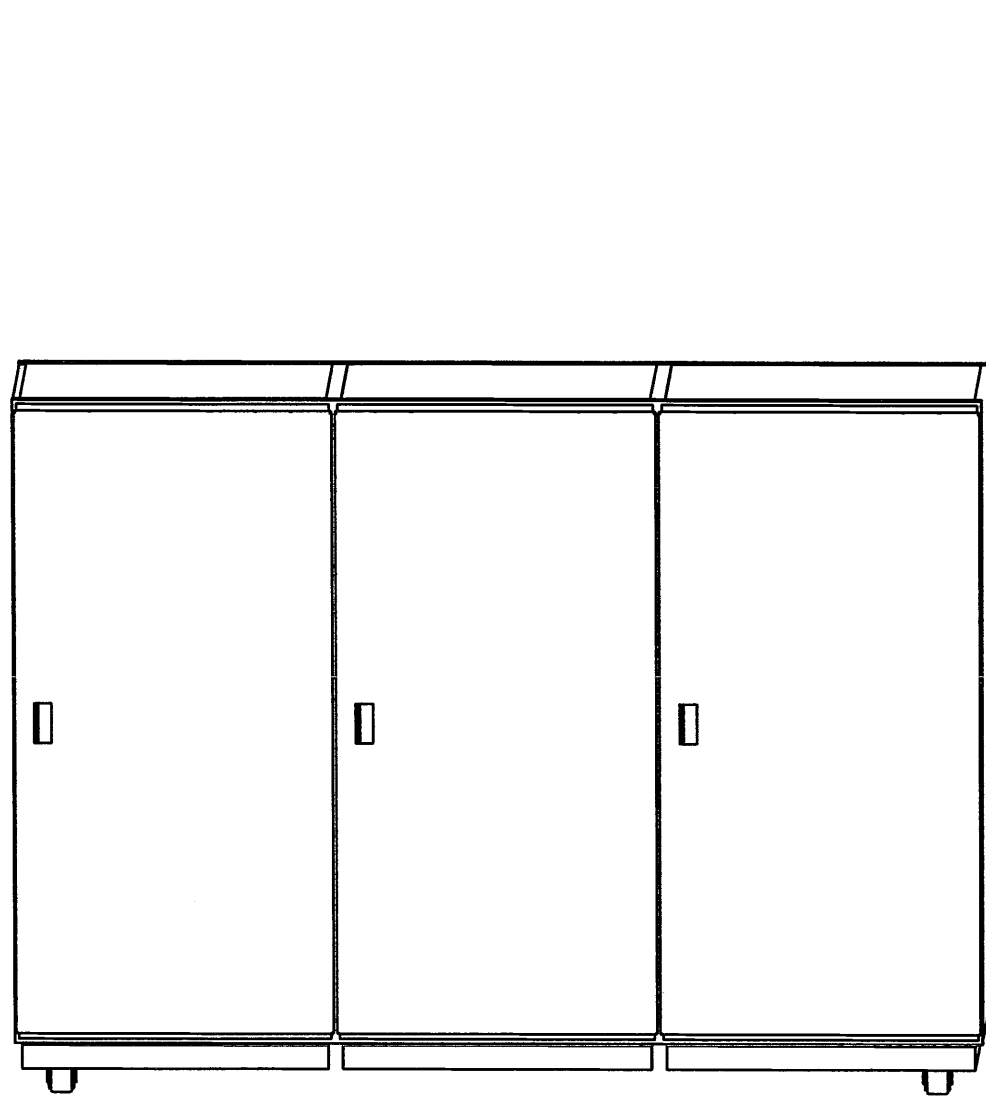
PRODUCTION

D

C

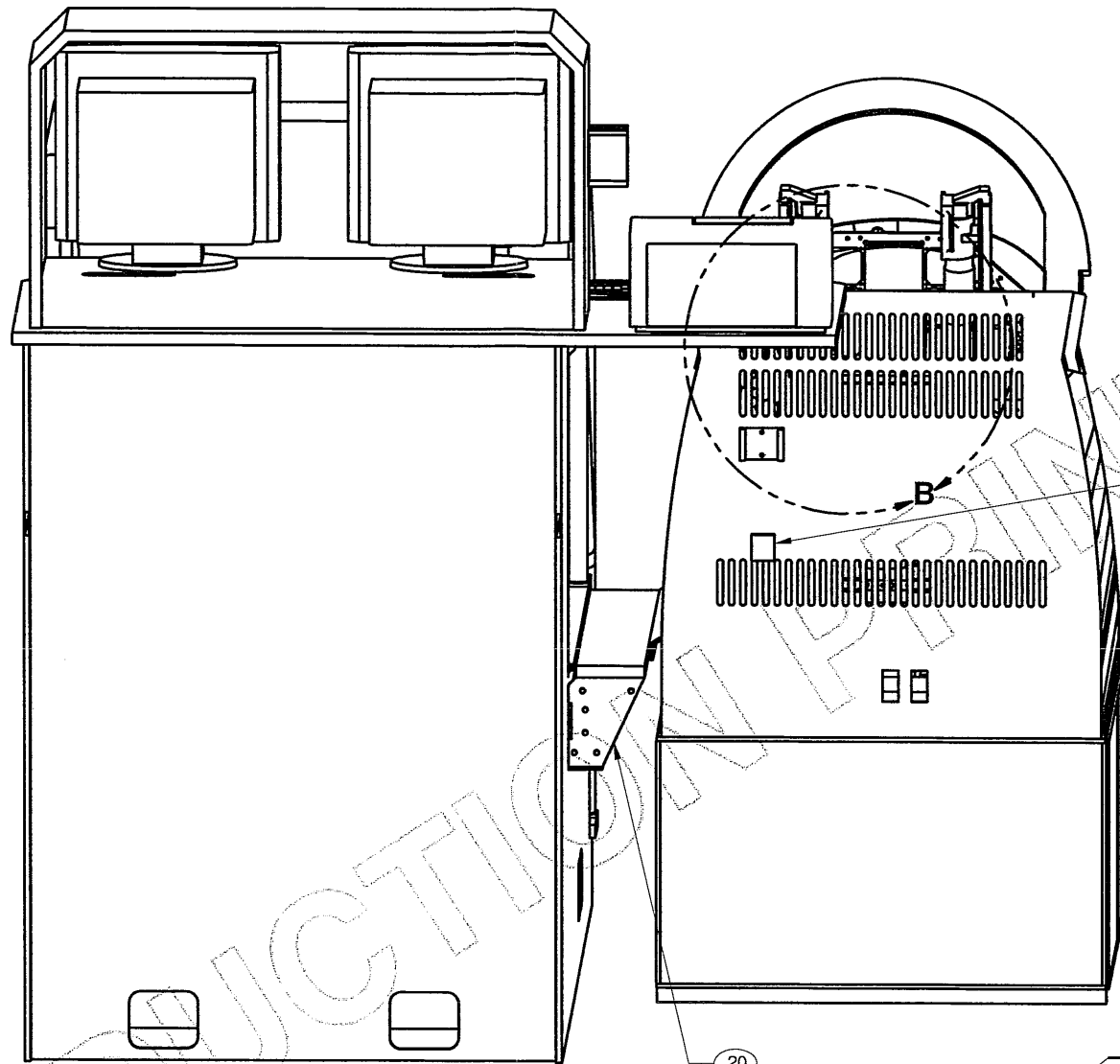
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A



-501 ASSEMBLY
-502 ASSEMBLY
-503 ASSEMBLY

3D VIEW



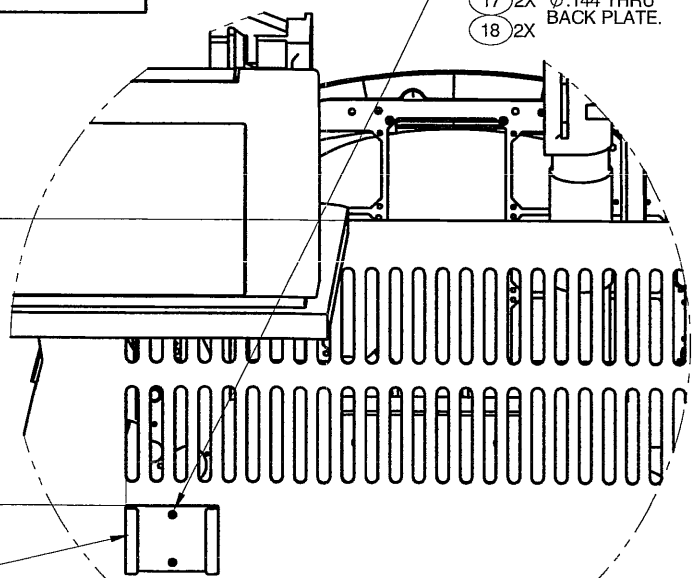
- 20
- 21 6X
- 23 6X
- 24 6X

12.00

15

- 25 6
- 26

- 16 2X USING FIND NO 15 AS A TEMPLATE, 2X
- 17 2X Ø.144 THRU BACK PLATE.
- 18 2X



DETAIL B
SCALE: 1/4

PRODUCTION

| | | | | | |
|---|--|-----------|--------------------|------------------------|----------|
| FlightSafety Simulation Systems Division 2700 N. Herndon Circle Broken Arrow, OK 74012 | | REV D | CAGE CODE 31866 | DWG. NO. 6520AA0003 | REV G |
| DRAWN S. WEAVER SIMULATOR ASSEMBLY, LTD | | SCALE 1/8 | | SHEET 3 | |