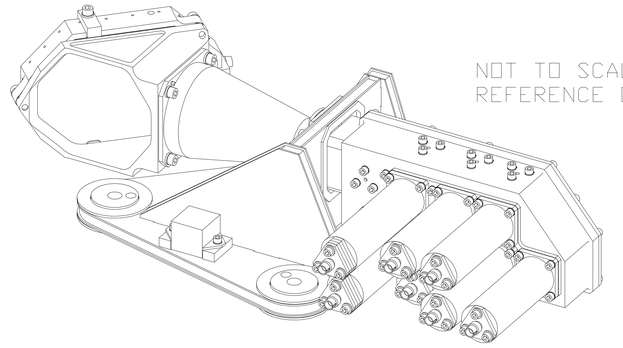
| REVISION | | | |
|---|---|---|---|
| SYM | DESCRIPTION | DATE | APPROVAL |
| | | | |

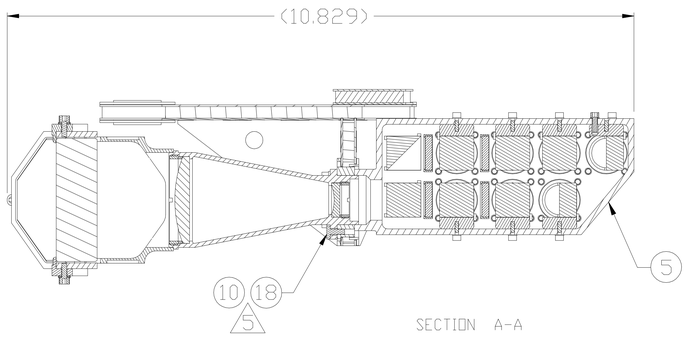
## NOTES: UNLESS OTHERWISE SPECIFIED

1. AT FINAL ASSEMBLY, APPLY ADHESIVE, ITEM 17, TO ALL THREADS AND TORQUE IAW GLAS-544-SPEC-001.
2. SOURCE OF SUPPLY:
   CIBA-GEIGY/ FURANE PRODUCTS
   5121 SAN FERNANDO ROAD
   LOS ANGELES, CA 90039-1011
3. ORIGINAL SOURCE OF SUPPLY:
   3M GENERAL OFFICES
   3M CENTER
   ST PAUL, MINNESOTA 55144-1000
4. ASSEMBLE AND ALIGN IAW GLAS-924-PROC-068.
5. AFTER FINAL ALIGNMENT AND TORQUING OF BOLTS, BOND ITEM 10 TO ITEM 8 WITH EPOXY, ITEM 18. ALLOW FULL CURE TIME.
6. BAG AND TAG IAW MIL-STD-2073-1, METHOD 10, MARK WITH PART NUMBER.

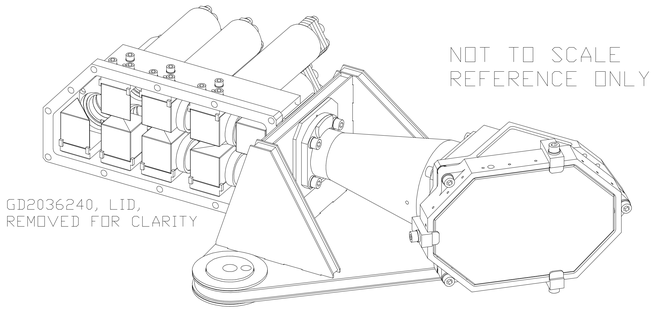
**RELEASED BY GLAS CMO (GSFC) 12/20/00 (ACH)**



NOT TO SCALE
REFERENCE ONLY




SECTION A-A

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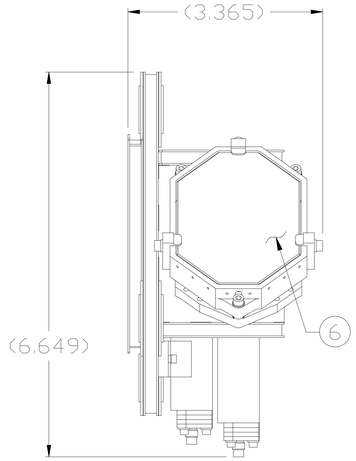
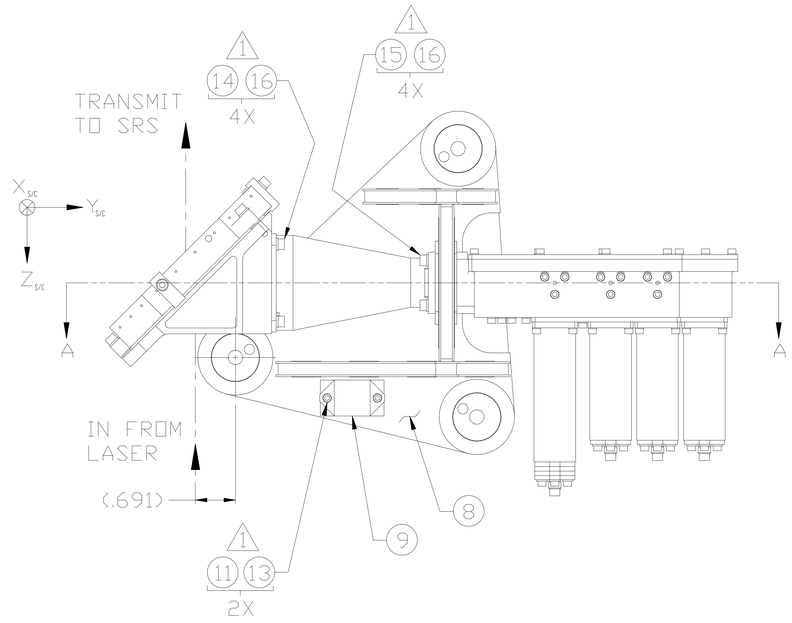
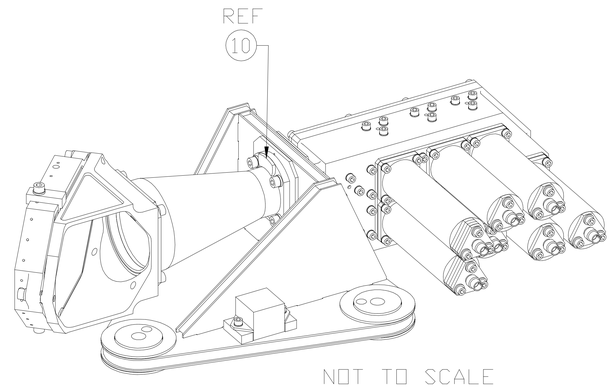
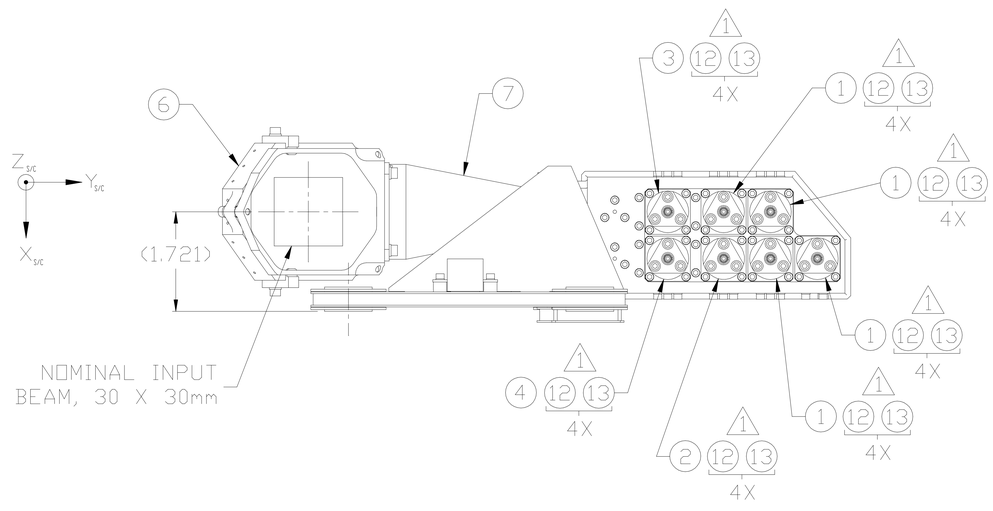



NOT TO SCALE
REFERENCE ONLY




| ITEM NO. | REQ'D | REQ'D | PART NO. | DESCRIPTION | MATERIAL | MATERIAL SPEC. |
|---|---|---|---|---|---|---|
| | | | | LIST OF MATERIAL | | |
| 18 | | AR | 2216 B/A | EPOXY, SCOTCHWELD, GREY | – | 3 |
| 17 | | AR | 5753LV | ADHESIVE, URALANE | – | 2 |
| 16 | | 8 | NAS620C4 | WASHER, #4, RED OD | CRES | – |
| 15 | | 4 | NAS1352N04-10 | SOC HD CAP, #4-40, .625L | A286 | – |
| 14 | | 4 | NAS1352N04-5 | SOC HD CAP, #4-40, .313L | A286 | – |
| 13 | | 30 | NAS620C2 | WASHER, #2, RED OD | CRES | – |
| 12 | | 28 | NAS1352N02-4 | SOC HD CAP, #2-56, .25L, | A286 | – |
| 11 | | 2 | NAS1352C02-3 | SOC HD CAP, #2-56, .188L | CRES | – |
| 10 | | 1 | GC2036282 | LOCKING PIN, BEAM COMPRESSOR BARREL | CRES | – |
| 9 | | 1 | GC2036307 | ALIGNMENT CUBE COVER | AL ALY | – |
| 8 | | 1 | GD2036292A | MOUNTING BRACKET ASSEMBLY | – | – |
| 7 | | 1 | GD2036222 | BEAM COMPRESSOR ASSEMBLY | – | – |
| 6 | | 1 | GD2036221A | LASER BEAM SPLITTER ASSEMBLY | – | – |
| 5 | | 1 | GD2036220 | BEAM SPLITTER CUBE BOX ASSEMBLY | – | – |
| 4 | | 1 | GD2036214 | CRS CHANNEL ASSEMBLY | – | – |
| 3 | | 1 | GD2036213 | DELAY LINE CHANNEL ASSEMBLY | – | – |
| 2 | | 1 | GD2036212 | TEST CHANNEL ASSEMBLY | – | – |
| 1 | | 4 | GD2036211 | MULTIMODE CHANNEL ASSEMBLY | – | – |
| – | X | | GE2036210 | LASER PICKOFF SYSTEM | – | – |

UNLESS OTHERWISE SPECIFIED-DIMENSIONS ARE IN INCHES
TOLERANCES:
.XX ±.01 .XXX ±.005 ANGLES ±1° FRACTIONS ±1/16 63

REMOVE ALL BURRS AND SHARP EDGES .010R OR CHAMFER MAX.

☒ FLIGHT HARDWARE/~~POST FAB HARDNESS TEST REQ'D~~.
☒ HARDNESS TEST NOT REQUIRED
☐ TEST HARDNESS PER ASTM E-18, LOCATION OPTIONAL
☐ TEST HARDNESS PER ASTM E-18 WHERE INDICATED ON FIELD OF DRAWING THUS ⊙

☐ NO NON-DESTRUCTIVE EXAMINATION (NDE) REQ'D
☐ NDE REQUIRED PER S-313-009 CODE _____

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION — Goddard Space Flight Center — GREENBELT, MARYLAND

DRAWING INTERPRETED PER GSFC-X673-64-1

| | NAME | INIT | DATE |
|---|---|---|---|
| DESIGNER | W WELCH | WW | 12/11/00 |
| DRAWN | W WELCH | WW | 12/11/00 |
| CHECKED | | | |
| APPROVED | L RAMOS | LR | 12/11/00 |
| APPROVED | M FLANEGAN | MF | 12/11/00 |
| APPROVED | S SCHMIDT | SS | 12/14/00 |
| APPROVED | C SALERNO | CS | 12/12/00 |

TITLE: ASSEMBLY, LASER PICKOFF SYSTEM

GE 2036210 –

CODE 924 SCALE 1/1 WT 2.22lbs SH 1 OF 1

THIS DRAWING WAS PRODUCED USING
SOFTWARE: AUTOCAD VERSION: 14
FILE NAME: 2036210.DWG

| NEXT ASSY | USED ON |
|---|---|
| GE2036010 | GLAS |

GE2036210