



PROJECT MATERIAL LIST

TITLE Large Core Optic Component & Beam Splitter Optic Assemblies

| APPROVALS: | DATE | REV | DCN NO | BY | CHK | DCC | DATE |
|------------------|---------|-----|---------|----|-----|-----|------|
| DRAWN: C. Conley | 2-12-97 | A | E960157 | | | | |
| CHECKED: | | | | | | | |
| APPROVED: | | | | | | | |
| DCC RELEASE: | | | | | | | |

| | | | |
|--------------------------|---|--------|----------|
| • D961460 | LCOC carrier assy | 1/unit | 37 total |
| • D961461 | BSO carrier assy | 1/unit | 6 total |
| D961425 | base assy | 1 | 43 |
| D961421 | base plate | 1 | 43 |
| D961422 | base pad | 3 | 129 |
| D961424 | base cover | 1 | 43 |
| D961451 | handle plate | 2 | 86 |
| McM-Carr 1858A62 | handle | 2 | 86 |
| McM-Carr 91120A140 | M5 x 9mm o.d. x .5mm th serrated washer | 4 | 172 |
| McM-Carr 91120A160 | M6 x 11mm o.d. x .7mm th serrated washer | 4 | 172 |
| McM-Carr 91654A076 | #2 x .19 drive screw | 24 | 1032 |
| McM-Carr 92141A009 | #8 x 3/8 o.d. x 1/32 th flat wash | 9 | 387 |
| McM-Carr 92196A247 | #10-24 x 1.0 soc btn hd screw | 4 | 172 |
| McM-Carr 92949A192 | #8-32 x 3/8 soc btn hd screw | 9 | 387 |
| McM-Carr 92949A194 | #8-32 x 1/2 soc btn hd screw | 6 | 258 |
| McM-Carr 92949A540 | 1/4-20 x 3/4 soc btn hd screw | 4 | 172 |
| McM-Carr 93085A999 | 1/4-20 x 5/8, 100 deg c.s. flt hd screw | 6 | 258 |
| McM-Carr 9540K58 | rubber feet | 6 | 258 |
| Camloc 312-12S | 1/4 turn receptacle | 12 | 516 |
| • D961434 (D961460 only) | LCOC carrier standoff assy | 1 | 37 |
| • D961435 (D961461 only) | BSO carrier standoff assy | 1 | 6 |
| D961423 | side pad | 1 | 43 |
| D961426 | pressure disk | 2 | 86 |
| D961432 (D961434 only) | LCOC carrier standoff | 1 | 37 |
| Keensert KN420J* | 1/4-20 x 3/8 threaded insert | 2 | 74 |
| Keensert KNL420J* | 1/4-20 x 3/8 locking threaded insert | 2 | 74 |
| D961433 (D961435 only) | BSO carrier standoff | 1 | 6 |
| Keensert KN420J* | 1/4-20 x 3/8 threaded insert | 2 | 12 |
| Keensert KNL420J* | 1/4-20 x 3/8 locking threaded insert | 2 | 12 |
| McM-Carr 91810A113 | #4-40 x 3/4 slotted rd hd screw | 1 | 43 |
| McM-Carr 91839A005 | #4-40 "Flexloc" hex nut | 1 | 43 |
| McM-Carr 92141A005 | #4 x 5/16 o.d. x 1/32 th flat washer | 1 | 43 |
| McM-Carr 92765A999 | 1/4-20 x 3/4 oval pt soc set screw | 2 | 86 |
| McM-Carr 9435K36 | .240 o.d., .56 free lng, 6.7 lb/in spring | 1 | 43 |



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| • D961460 | LCOC carrier assy | 1/unit | 37 total |
| • D961461 | BSO carrier assy | 1/unit | 6 total |
| (continued) | | | |
| • D961444 (D961460 only) | LCOC carrier hinged standoff assy | 1 | 37 |
| • D961445 (D961461 only) | BSO carrier hinged standoff assy | 1 | 6 |
| D961423 | side pad | 1 | 43 |
| D961426 | pressure disk | 2 | 86 |
| D961440 | standoff bracket | 1 | 43 |
| Keensert KNL420J* | 1/4-20 x 3/8 locking threaded insert | 2 | 86 |
| D961442 (D961444 only) | LCOC carrier hinged standoff | 1 | 37 |
| HeliCoil 1185-4CN625* | 1/4-20 x 5/8 thread insert | 1 | 37 |
| Keensert KN420J* | 1/4-20 x 3/8 threaded insert | 2 | 74 |
| D961443 (D961445 only) | BSO carrier hinged standoff | 1 | 6 |
| Keensert KN420J* | 1/4-20 x 3/8 threaded insert | 2 | 12 |
| HeliCoil 1185-4CN625* | 1/4-20 x 5/8 thread insert | 1 | 6 |
| D961473 | clevis pin | 1 | 43 |
| McM-Carr 3408A45 | 3/16 dia ball plunger, 5-10 lb force | 1 | 43 |
| McM-Carr 91810A113 | #4-40 x 3/4 slotted rd hd screw | 1 | 43 |
| McM-Carr 91839A005 | #4-40 "Flexloc" hex nut | 1 | 43 |
| McM-Carr 92141A005 | #4 x 5/16 o.d. x 1/32 th flat washer | 1 | 43 |
| McM-Carr 92765A999 | 1/4-20 x 3/4 oval pt soc set screw | 2 | 86 |
| McM-Carr 9435K36 | .240 o.d., .56 free lng, 6.7 lb/in spring | 1 | 43 |
| Prospect Fst N5001-37SS | 3/8 shaft external retaining ring | 2 | 86 |
| Serv-O-Lite MRW-38 | 3/8 i.d. x 13/16 o.d. x .015 th mylar flat washer | 1 | 43 |
| • D961454 (D961460 only) | LCOC carrier indexed standoff assy | 1 | 37 |
| • D961455 (D961461 only) | BSO carrier indexed standoff assy | 1 | 6 |
| D961423 | side pad | 1 | 43 |
| D961426 | pressure disk | 2 | 86 |
| D961452 (D961454 only) | LCOC carrier indexed standoff | 1 | 37 |
| Keensert KN420J* | 1/4-20 x 3/8 threaded insert | 2 | 74 |
| Keensert KNL420J* | 1/4-20 x 3/8 locking threaded insert | 2 | 74 |
| D961453 (D961455 only) | BSO carrier indexed standoff | 1 | 6 |
| Keensert KN420J* | 1/4-20 x 3/8 threaded insert | 2 | 12 |
| Keensert KNL420J* | 1/4-20 x 3/8 locking threaded insert | 2 | 12 |
| McM-Carr 91810A113 | #4-40 x 3/4 slotted rd hd screw | 1 | 43 |
| McM-Carr 91839A005 | #4-40 "Flexloc" hex nut | 1 | 43 |
| McM-Carr 92141A005 | #4 x 5/16 o.d. x 1/32 th flat washer | 1 | 43 |
| McM-Carr 92765A999 | 1/4-20 x 3/4 oval pt soc set screw | 2 | 86 |
| McM-Carr 9435K36 | .240 o.d., .56 free lng, 6.7 lb/in spring | 1 | 43 |



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| • D961460 | LCOC carrier assy | 1/unit | 37 total |
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| (continued) | | | |
| • D961450 | top plate assy | 1 | 43 |
| • D961468 (modified extra) | metrology interface top plate assy | 1 | 2 |
| D961418 | foot assy | 3 | 135 |
| D961469 | foot | 1 | 135 |
| D961470 | foot pad | 1 | 135 |
| McM-Carr 93085A147 | #6-32 x 1/2, 100 deg c.s. flt hd screw | 2 | 270 |
| NWestern Tools 45201 | 5/16 o.d. x 3/16 shoe | 1 | 135 |
| Prospect Fst DHO-9 | 9mm internal retaining ring | 1 | 135 |
| D961449 (D961450 only) | top plate | 1 | 43 |
| D961466 | pad guide | 3 | 135 |
| D961467 (D961468 only) | metrology interface top plate | 1 | 2 |
| • D961471 | captive screw bracket assy | 1 | 45 |
| • D961472 | captive screw bracket assy, locating | 2 | 90 |
| D961431 | captive screw | 2 | 270 |
| U-C Comp C-2020-NA | 1/4-20 x 1.25 soc hd cap screw, silver pl | 1 | 270 |
| D961447 (D961471 only) | captive screw bracket | 1 | 45 |
| D961448 (D961472 only) | captive screw bracket, locating | 1 | 90 |
| D970001 | captive screw retaining ring | 2 | 270 |
| McM-Carr 98437A029 | 1/4 split lock collar | 2 | 270 |
| D970005 | modified toggle screw | 3 | 135 |
| NWestern Tools 44101 | 1/4-20 toggle screw, cres 303 special | 1 | 135 |
| McM-Carr 90945A161 | 1/4 x 15/32 o.d. x 1/16 th flat washer | 3 | 135 |
| McM-Carr 91240A029 | 1/4-20 hex jam nut | 3 | 135 |
| McM-Carr 93085A147 | #6-32 x 7/16 100 deg c.s. flt hd screw | 6 | 270 |
| McM-Carr 98437A029 | 1/4 split lock collar | 6 | 270 |
| U-C Comp C-2010-NA | 1/4-20 x 5/8 soc hd cap screw, silver pl | 6 | 270 |
| D961419 | cover assy | 1 | 43 |
| D961416 | cover | 1 | 43 |
| Camlok 2600-LW-7 | quarter turn fastener retaining ring | 12 | 516 |
| Camlok 26S51-5 | quarter turn fastener stud | 12 | 516 |
| Zero Mfg. ZSP 6-037-4 | Pressure Relief Valve | 1 | 43 |



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| • D961460 | LCOC carrier assy | 1/unit | 37 total |
| • D961461 | BSO carrier assy | 1/unit | 6 total |
| (continued) | | | |
| D970061 | seal plate | 1 | 43 |
| All Seals Q-4454 | 12.5 i.d. x 1/4 th viton quad ring | 1 | 43 |
| Dimension Seal AS-13 | 7/16 i.d. x 1/16 o.d. viton o-ring | 6 | 258 |
| Dimension Seal AS-14 | 1/2 i.d. x 1/16 o.d. viton o-ring | 1 | 43 |
| McM-Carr 93085A147 | #6-32 x 7/16 100 deg c.s. flt hd screw | 3 | 129 |
| McM-Carr 98437A029 | 1/4 split lock collar | 6 | 258 |
| Seastrom Mfg. 5709-138 | 7/16 dia x .030 th stainless st expansion plug | 6 | 258 |
| U-C Comp C-2016-NA | 1/4-20 x 1.0 soc hd cap screw, silver pl | 6 | 258 |
| D970004 | expansion plug installation tool | n/a | 2 |

Bulleted Pairs: except where otherwise noted, all items below pair are assembled in each item of pair.

* Installed by manufacturer of above part.