



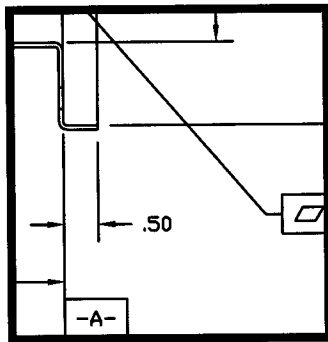
DOCUMENT CHANGE NOTICE (DCN)

DOCUMENT No. (DOC-REV-GP. ID)	TITLE	NEW REV.
D961416-A	Large Core Optic Component Carrier Cover	B
D961449-A	Core Optic Component Carrier Top Plate	B
D961467-A	Core Optic Component Carrier Metrology Interface Top Plate	B

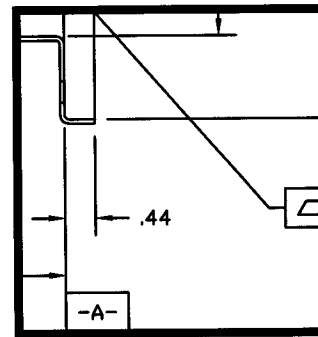
CHANGE DESCRIPTION (FROM/TO):

D961416: Changed size of lip at base of cover in zone 3A as shown, to eliminate interference with handle plates D961451 on top assemblies D961460 & D961461:

From:



To:



REASON FOR CHANGE: Noted.

ACTION: Incorporate change Attach DCN to drawing(s) Other action (specify):

DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS)

- No hardware affected (record change only)
- List S/Ns which comply already:
- List S/Ns to be reworked or scrapped:
- List S/Ns to be built with this change: all
- List S/Ns to be retested per this change:
-
-
-
-

DCN DISTRIBUTION (X=incl. docs)

Althouse	Barish	Coles
X Coyne	Lazzarini	Lindquist
████████	Sanders	Shoemaker
Stapfer	Tyler	Vogt
Weiss	Whitcomb	
Billingsley	Camp	
x Conley	x Elieson	
Fischer		

SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT? No Yes (If yes, enter Change Request number)

APPROVALS:	DATE	OTHER APPROVALS (specify)	DATE
ORIGINATOR: C. Conley	5-9-97		
TASK LEADER: _____			
GROUP LEADER: <i>Dennis Coyne</i>	5/13/97		
DCC RELEASE: <i>D. P. [Signature]</i>	5/13/97		



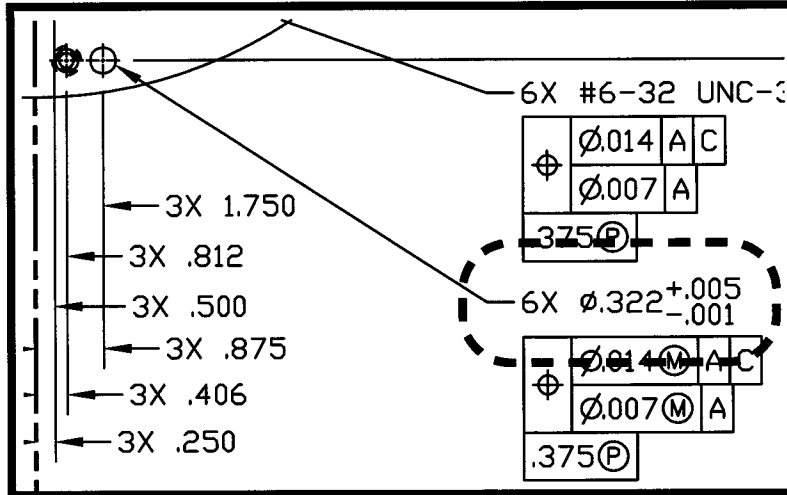
DOCUMENT CHANGE NOTICE

CHANGE DESCRIPTION (FROM/TO):

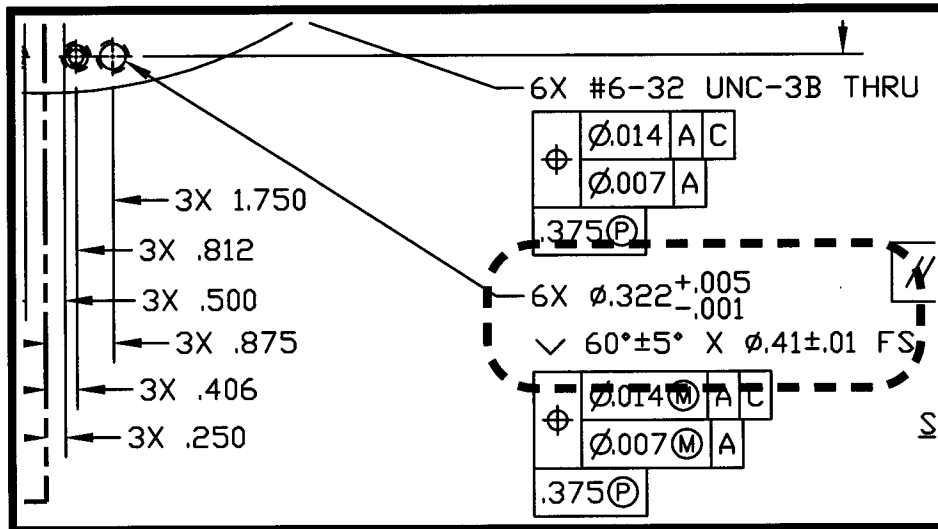
D961449:

Added countersinks to bottom side of plate on six clearance holes as shown:

From:



To:



REASON FOR CHANGE: Alleviate “wedging” of captive screw retaining rings D970001, between top of standoffs and bottom side of top plate D961449 on top assemblies D961460 & D961461. This problem caused the retaining rings to ride down the captive screw threads when backing out the captive screws to remove the top plate.



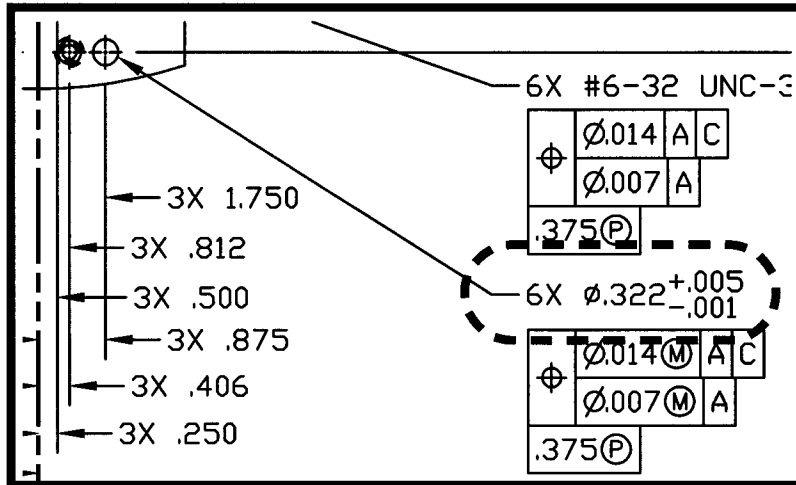
DOCUMENT CHANGE NOTICE

CHANGE DESCRIPTION (FROM/TO):

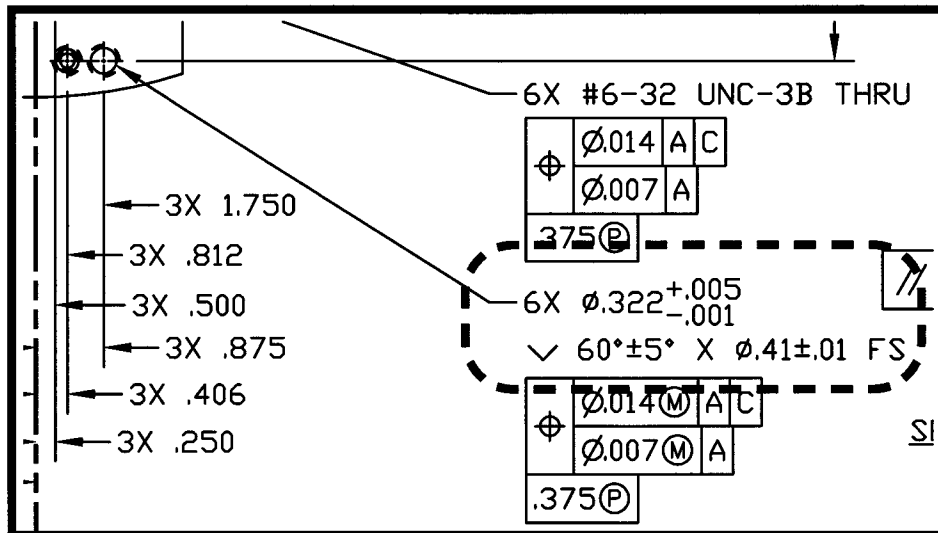
D961467:

Added countersinks to bottom side of plate on six clearance holes as shown:

From:

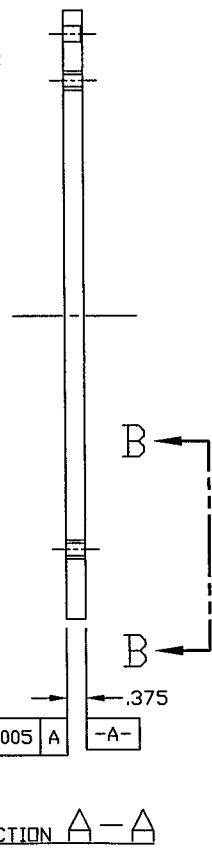
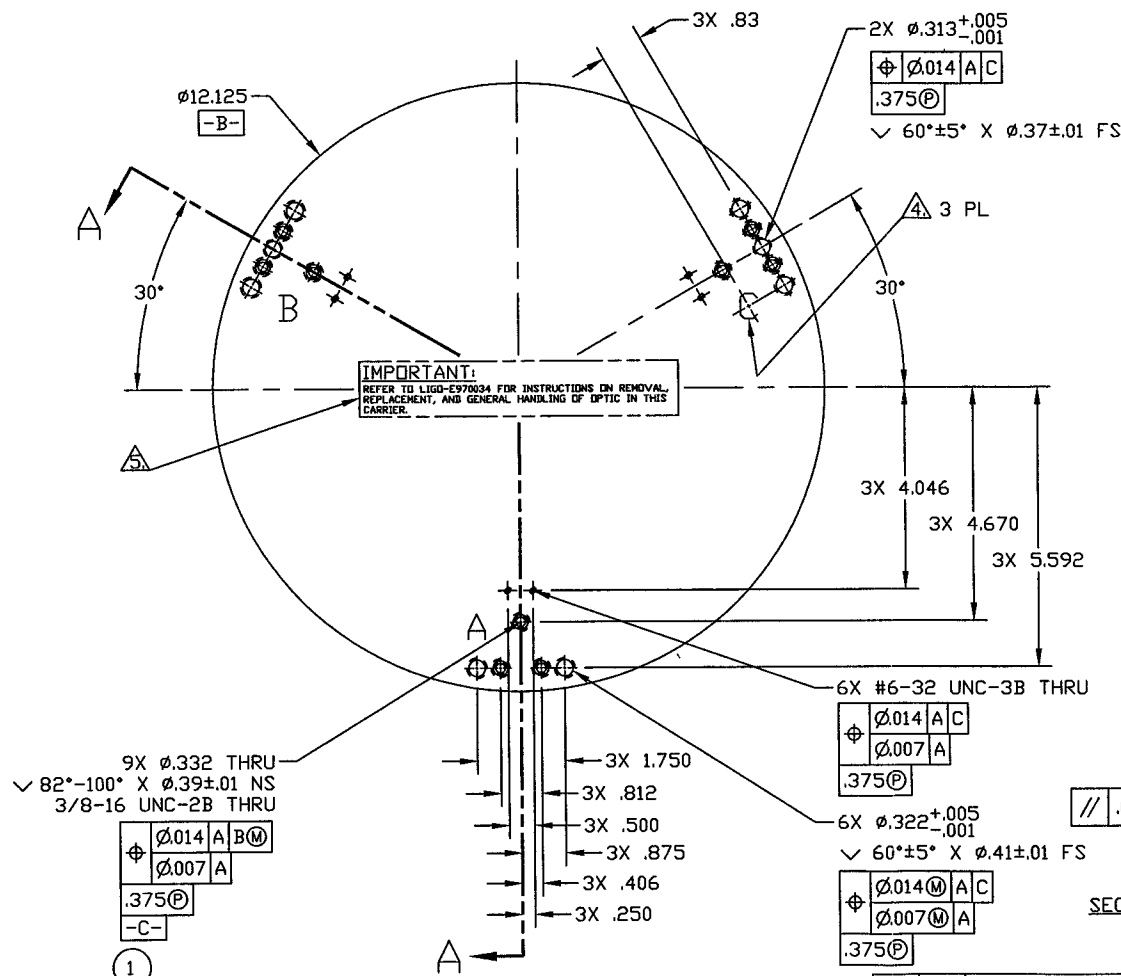


To:



REASON FOR CHANGE: Alleviate “wedging” of captive screw retaining rings D970001, between top of standoffs and bottom side of top plate D961467 on top assemblies D961460 & D961461. This problem caused the retaining rings to ride down the captive screw threads when backing out the captive screws to remove the top plate.

- NOTES: (UNLESS OTHERWISE SPECIFIED)
1. INTERPRET DRAWING PER ANSI Y14.5M-1982.
 2. ALL LOCATING DIMENSIONS ON DRAWING ARE BASIC.
 3. MACHINE PROTRUDING END OF ITEM 1 (THREADED INSERT) FLUSH WITH FACE WITHIN .005-.010 INSIDE OF PART TO NOTED DIAMETER. OPT: MACHINE ITEM 1 TO .325-.335 LENGTH BEFORE INSTALLATION TO AVOID PROTRUSION.
 4. PERMANENTLY MARK AS SHOWN USING 3/8 HIGH X .010 DEEP CHARACTERS.
 5. PERMANENTLY MARK APPROX. WHERE SHOWN USING 1/8 & 1/4 HIGH X .010 DEEP CHARACTERS.
 6. FOR VENDOR INFORMATION, SEE TOP ASSEMBLY MATERIALS LIST D970006 OR D970007.



IMPORTANT:
REFER TO LIGO-E970034 FOR INSTRUCTIONS ON REMOVAL, REPLACEMENT, AND GENERAL HANDLING OF OPTIC IN THIS CARRIER.

1	9	KEENSERT #KN420J	1/4-20 THREADED INSERT, NON-LOCKING	SS
REF.	QTY.	PART or DRWG No.	NOMENCLATURE or DESCRIPTION	MATERIAL
PARTS and MATERIAL LIST				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TOLERANCES: FRACTIONAL ± THREE PLACE DECIMAL ±.005 FINISHED SURFACE 32 MICROINCH AVERAGE ANGLAR ±.05° ANGULAR ±.05° BEND ±.010 TWO PLACE DECIMAL ±.03		HEAT TREAT: T6 PER AMS 2770		FINISH		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY								
MATERIAL: 6061 ALU TOOLING PLATE 3/8 THICK		NEXT ASSY: D961450		REV		DESCRIPTION		CORE OPTIC COMPONENT CARRIER TOP PLATE								
DRG. NO.	DESCRIPTION	ISSUE DESCRIPTION	DCC	SYS	DET	CBS	VE	CC	BT	CHECK	DRWN	DATE	SCALE	NTS	SHEET	1 OF 1

