DCN-0025

Naval Research Laboratory – Space Sciences Division – Washington, D.C.

GLAST ENGINEERING CHANGE ORDER	Drawing No. LAT-DS-02427	Current Rev. 01	Outstanding ECO NONE	ECO No. 1

Drawing Title : **Shear Pin, Base Plate**

[X] Class 1 [ ] Class 2 Sheet 1 of 1

WBS No. :

Reason : **Define thread requirements and surface finish**

Next Assy. : **LAT-DS-00919**

Used On : **GLAST**

Submitted By : **Paul Dizon** Date : **14 January 2004**

Effective : Serial : ALL

Date : 14 Jan 2004

Other :

Type of EO :
[X] Advance notice of change; drawing will be revised
[ ] Deviation; drawing will not be revised
[ ] Other (EXPLAIN) :

Disposition	Use as is	RWK	Scrap	See Above
Raw Material				
Parts in Process	X			
Assemblies				

Other :

Drafter: RB 1/16/04 Date

Checker: Date

Engineer: PDizon 1-14-04 Date

Stress: Date

QA: 1-15-04 Date

Proj Mgr: 1-15-04 Date

Manuf.: Date

Date

Issued By : Date

INC. REV.

Description :

1. **Remove NOTE 1 from Notes and renumber remaining notes.**

2. **Specify Class of Thread (Zone A-4):**

   5/16-18 UNC – CLASS 2**A**

3. **Specify Surface Finish of 32 microinches (Zone A-1):**

   32 ✓

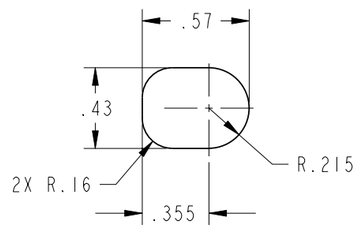
NOTES: UNLESS OTHERWISE SPECIFIED:

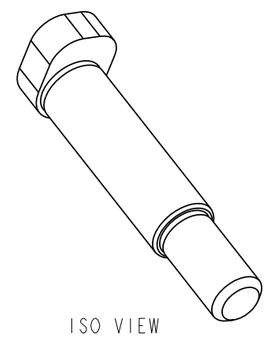
1. PASSIVATE PER ASTM A967-96, NITRIC 1-4.
2. FLOURESCENT PENETRANT INSPECT 100% PER ASTM E1417.

MASTER DRAWING

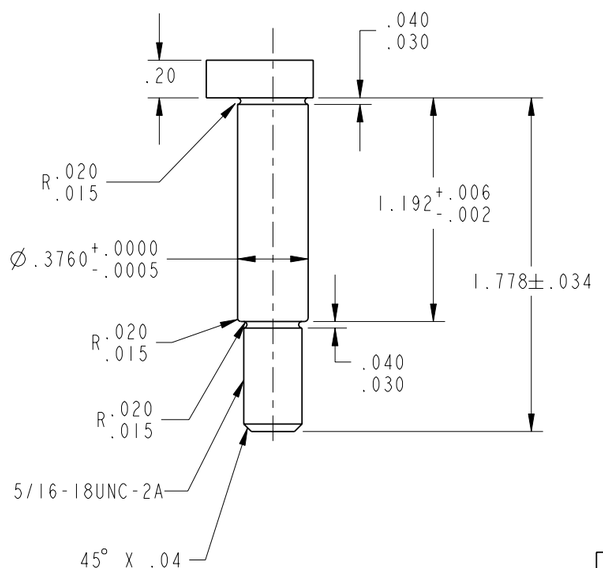
GLAST-CAL CM FILE COPY

REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVAL
B4 B1		REMOVE NOTE 1- HEAT TREATMENT ADDED .020 RADIUS CHANGED MATERIAL SPEC: WAS: AMS 5737 NOW: AMS 5726C	121003	RVD
D4 A4 A1		REMOVE NOTE 1 AND RENUMBER SPECIFY THREAD CLASS (UNC-2A) SPECIFY SURFACE FINISH, 32 MICROINCHES	011404	RVD





ISO VIEW
VISUAL ONLY



RELEASED FOR MANUFACTURE

16 Jan 2004

REQD	REQD	ITEM NO	PART NO.	DESCRIPTION	MATERIAL SPEC
	AR	—	——	PLATE OR BAR SS	A-286 IAW AMS 5726C

LIST OF MATERIAL

	NAME	INIT	DATE
DESIGNER	R.BROOKS	RSB	12/5/03
DRAWN BY	R.BROOKS	RSB	12/5/03
CHECKED	P.DIZON	PVD	12/5/03
APPROVED-STRESS			
APPROVED-QA	J.LEE	JWL	12/5/03
APPROVED-ENGINEER	P.DIZON	PVD	12/5/03
APPROVED	W.RAYNOR	WCR	12/5/03
APPROVED			

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSION ARE IN INCHES
AND APPLY AFTER FINISH
DIMENSION TOLERANCES
.XX: ±0.01
.XXX: ±0.005
ANGLE: ±0.5°
FRACTIONS: ±1/16

32

INTERPRET DRAWING PER ANSI Y14.5M-1982
REMOVE ALL BURRS AND SHARP EDGES R.010 OR CHAMFER MAX

MODEL NAME: LAT-DS-02427 .
DRW VERSION: .
PRO/ENGINEER VERSION: 2000i2

GLAST
SPACE SCIENCES DIVISION
NAVAL RESEARCH LABORATORY
WASHINGTON, DC

TITLE
SHEAR PIN,
BASE PLATE
GLAST

C — CAGE CODE
LAT-DS-02427 — REV 02
SCALE: 2.000 — WT APPROX: — SH 1 OF 1

METRIC
HYBRID METRIC/INCH
THIRD ANGLE PROJECTION

CM CLASSIFICATION

NEXT ASSY | USED ON
TASK NO:

FOLD LINE