



DWG. NO.		SIZE	REV.	SH.		
2501544		1	1		1	
ITEM	PART NO	REQD	DESCRIPTION		MATERIAL	
8	27A001	1	Beampipe Cruciform Support Panel, Forward Wedge		UCS-102-3/8-3.0 x 23mm thick	
7	27A000	1	Beampipe Cruciform Support Panel, Fwd-Brl Segment		UCS-102-3/8-3.0 x 23mm thick	
6	250171	4	Cruciform Vertex Tab		Al 6061-T6	
5	250170	4	Cruciform Vertex Tab With Strut Hole		Al 6061-T6	
4	250169	4	Longeron Support Cruciform Insert, Standard With Strut Hole		Al 6061-T6	
3	250166	2	Trolley Interface Cruciform Insert, No Longeron Support		Al 6061-T6	
2	250163	1	Beampipe Cruciform Support Plate, Forward Trolley Type		CN60 PW 6k EX1515	
1	250162	1	Beampipe Cruciform Support Plate, Strut Longeron Holes		CN60 PW 6k EX1515	

NOTE:

1. FOR ASSEMBLY PROCESS DESCRIPTION
SEE 250197.DWG, SHEETS 10-14.

					UNLESS OTHERWISE SPECIFIED		SHOP ORDERS		SER NO. -	<div>ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA - BERKELEY</div> <div>ATLAS PIXEL DETECTOR BEAM PIPE AND SERVICES SUPPORT Beampipe Support Cruciform, Forward Position</div>						
					TOLERANCES	X.X ± 0.5	FRAC. ± 1/64	ACCT NO.	NO. REQD 2	DEL TO	E Anderssen	DATE ISSD -				
						X.XX ± 0.05	Angles ± 1.00°					DATE REQD -				
						X.XXX ± 0.010	FINISH 125 \sqrt{Ra}	SURFACE TREATMT								
					DO NOT SCALE PRINT		IDENT METHOD	TAG								
					THREADS ARE CLASS 2		PROJECT NUMBER									
					CHAMFER ENDS OF ALL SCREW THREADS 30°		PROJECT NAME									
					CUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREADS		DWG BY	D Uken	DATE	05-Sep-03						
					BREAK EDGES .010 MAX. ON MACHINED WORK		CHK BY	N Hariman	DATE							
					REMOVE BURRS, WELD SPLATTER & LOOSE SCALE		APP BY	E Anderssen	DATE							
					IN ACCORDANCE WITH ASME Y14.5M & B46.1											
REV	DWG	CHK	ZONE	DATE	CHANGES						PATENT CLEAR:	DESIGN ACCT. NO. See WebJO	CATEGORY CODE API000	DWG. NO. 2501544	SIZE 1	REV. 1