



DWG. NO.		SIZE	REV.	SH.		
2501554		1	1		1	
ITEM	PART NO	REQD	DESCRIPTION		MATERIAL	
11	27A005	1	Strut Longeron Sealing Cap		Aluminum 6061-T6	
10	250182	1	Longeron Tube Sleeve		PEEK	
9	250181	1	Strut Longeron Tube Transtorg Adapter		Al 6061-T6	
8	250180	1	Strut Longeron Tube Mount Bushing		Al 6061-T6	
7	250179	1	Strut Longeron Tube, 20 MM Diameter		P30 1kt PW / YSH80 UDT EX1515	
6	250178	1	Longeron Stabilizer Bracket		Aluminum 6061-T6	
5	250176	1	Longeron Support Attachment, Barrel End Type		Al 6061-T6	
4	250175	1	Main Longeron Tube, 20 mm Diameter		P30 1kt PW / YSH80 UDT EX1515	
3	250142	2	Longeron Attachment, In-Line Tooling Ball Halfshell		Al 6061-T6	
2	250141	2	Longeron Attachment, In-Line Keeper Halfshell		Al 6061-T6	
1		1	Transtorque 6202660 6MM ID/16 MM OD			

REV	DWG	CHK	ZONE	DATE	CHANGES	UNLESS OTHERWISE SPECIFIED				SHOP ORDERS				ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA - BERKELEY			
						TOLERANCES	X.X ± 0.5	FRACTION	± 1/64	ACCT NO.		NO. REQD	8	ATLAS PIXEL DETECTOR BEAMPipe Support Longeron Assembly			
							X.XX ± 0.05	Angles	± 1.00°	DEL TO	E Anderssen	DATE REQD					
							X.XXX ± 0.010	FINISH	125/μm	SURFACE TREATMT							
										IDENT METHOD TAG							
							DO NOT SCALE PRINT				PROJECT NUMBER			MICROFILMED: DWG. TYPE SHOWN ON SCALE: 0.250 DO NOT SCALE PRINTS			
							THREADS ARE CLASS 2				PROJECT NAME						
							CHAMFER ENDS OF ALL SCREW THREADS 30°				DWG BY D Uken	DATE 05-Sep-03					
							CUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREADS				CHK BY N Hariman	DATE					
							BREAK EDGES .010 MAX. ON MACHINED WORK				APR BY E Anderssen	DATE		PATENT CLEAR: DESIGN ACCT. NO. CATEGORY CODE DWG. NO. SIZE REV. 2501554 1			
							REMOVE BURRS, WELD SPLATTER & LOOSE SCALE										
							IN ACCORDANCE WITH ASME Y14.5M & B46.1										