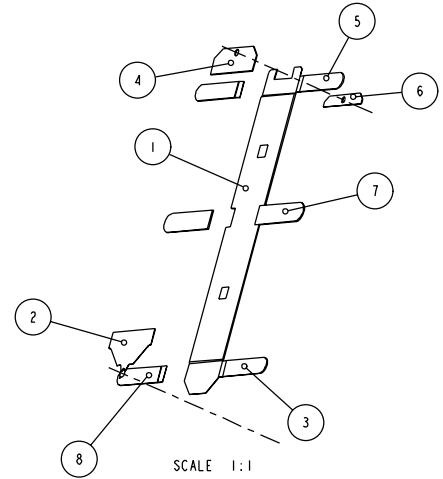
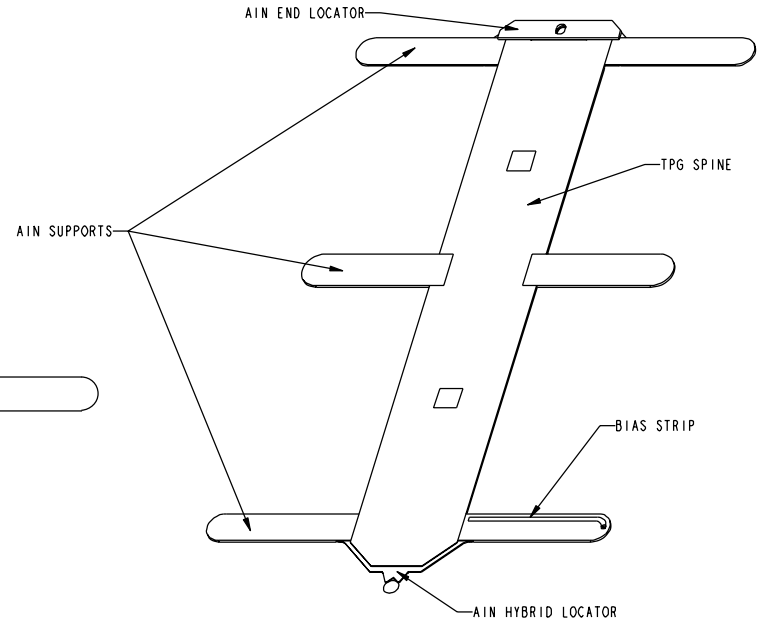
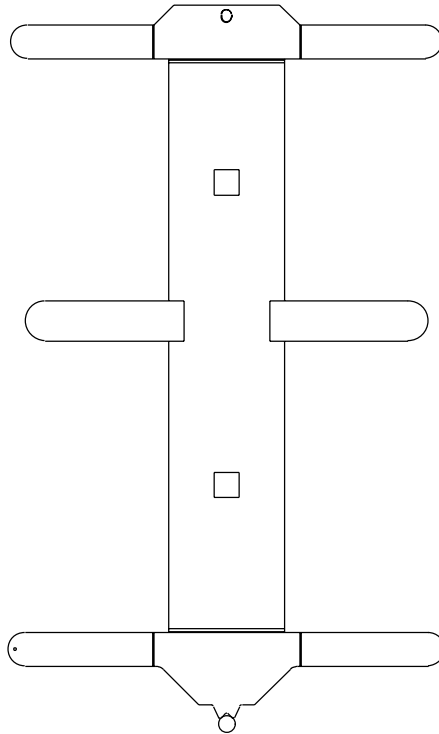
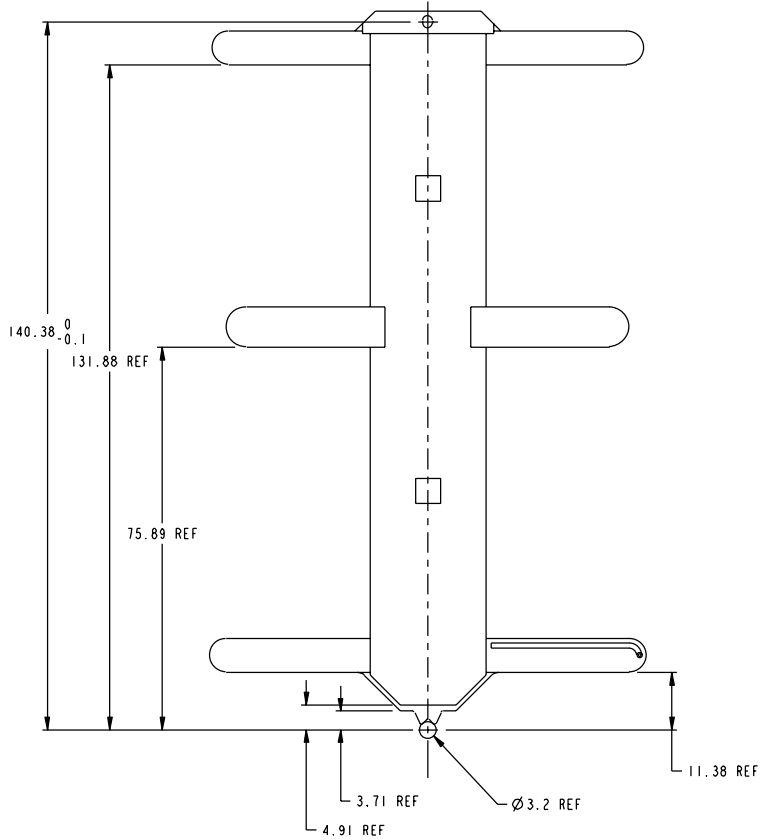


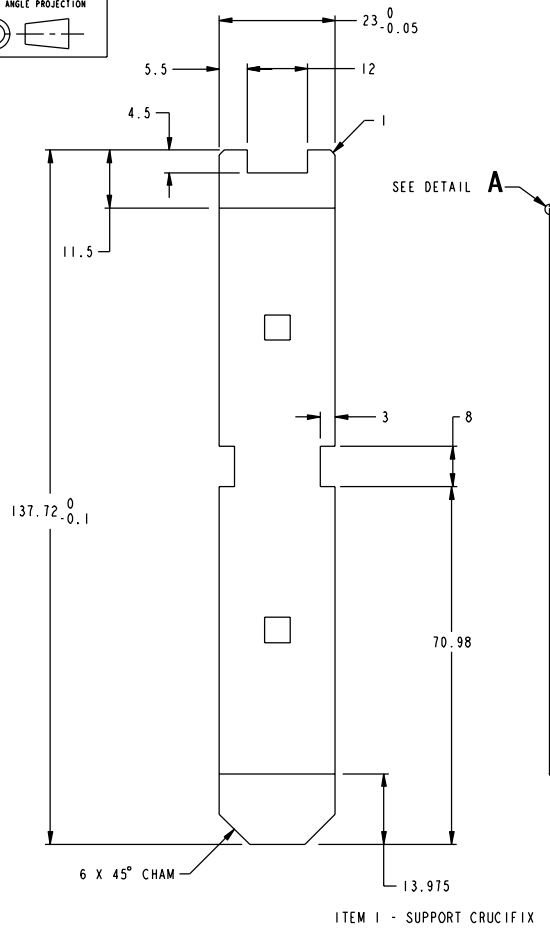
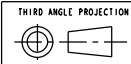
ITEM	PART/CAD No	DWG TITLE	MATERIAL	REMARK	QTY	SURFACE TREATMENT
1	OUTER-01	SUPPORT CRUCIFIX	TPG	0.5mm THICK	1	PARYLENE COAT ALL OVER 0.02 THICK U.O.S.
2	OUTER-02	LOCATION SUPPORT	AIN	0.225mm THICK	1	
3	OUTER-03	FAN-IN SUPPORT-LH	AIN	0.5mm THICK	1	
4	OUTER-04	UPPER LOCATION SUPPORT	AIN	0.225mm THICK	1	
5	OUTER-05	UPPER SUPPORT	AIN	0.5mm THICK	2	
6	OUTER-06	OUTER LOCATOR	PEEK	0.5mm THICK	1	
7	OUTER-07	MIDDLE SUPPORT	AIN	0.5mm THICK	2	
8	OUTER-08	FAN-IN SUPPORT-RH (BIAS TRACK)	AIN	0.5mm THICK	1	



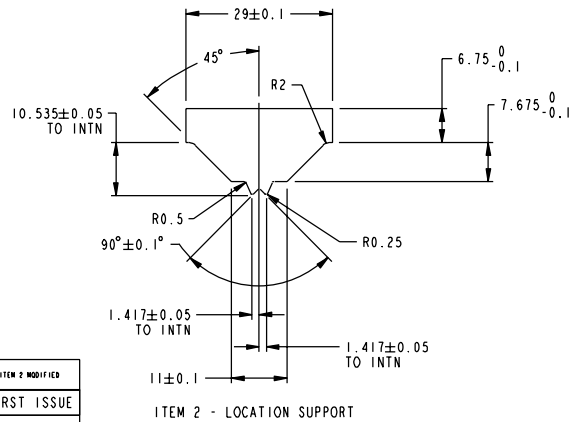
ISSUE	DATE	NAME	DESCRIPTION
B	10-May-01	P. SUTCLIFFE	ITEM 2 MODIFIED
A	12-Apr-01	P. SUTCLIFFE	FIRST ISSUE

MODIFICATIONS

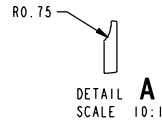
UNLESS OTHERWISE SPECIFIED:- ALL DIMENSIONS IN MILLIMETRES SURFACE TEXTURE VALUES IN MICROMETRES SURFACE TEXTURE TO BE 3.2 ✓ MACHINE ALL OVER OR WHERE MARKED ✓				METRIC SCREW THREADS TO BS643 CLASS 6H/6g TOLERANCES UNLESS OTHERWISE SPECIFIED MACHINED DIMS: ± 0.25 ANGULAR ± 0.5°		DRAWING PRACTICE AND TOLERANCE INTERPRETATION TO BS308 MATERIAL SEE PARTS SPEC SEE PARTS TREATMENT SEE PARTS FINISH SEE PARTS		WELDING SYMBOLS TO BS 499 DRAWN P. SUTCLIFFE DATE 12-Apr-01 CHECKED PS APPROVED P. SUTCLIFFE		THE UNIVERSITY OF LIVERPOOL DEPARTMENT OF PHYSICS PROJECT ATLAS FORWARD TRACKER TITLE MIDDLE MODULE SPINE ASSY		
REMOVE BURRS AND BREAK SHARP EDGES				DO NOT SCALE						DRAWING NUMBER OUTER-MODULE ARREST. DRAWING NP21-		
										SHEET 1 of 2 SHEETS SCALE:-2:1 A1		



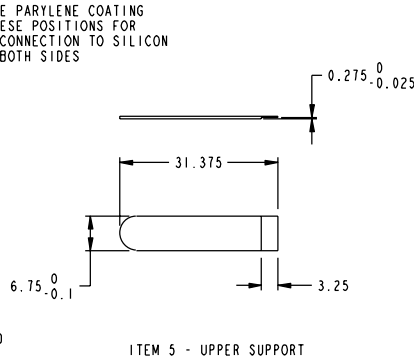
ITEM 1 - SUPPORT CRUCIFIX



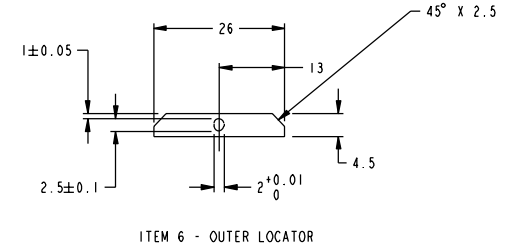
ITEM 2 - LOCATION SUPPORT



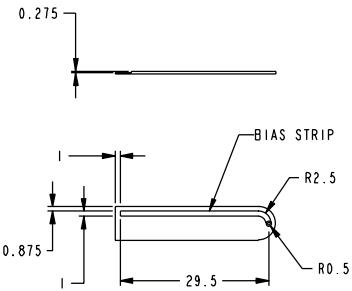
ITEM 3 - FAN-IN SUPPORT - LH



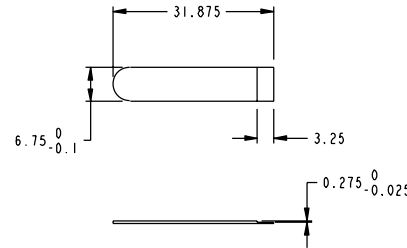
ITEM 4 - UPPER LOCATION SUPPORT



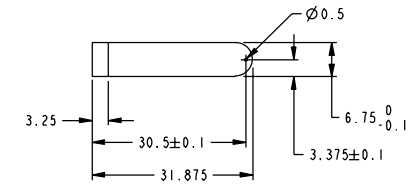
ITEM 5 - UPPER SUPPORT



ITEM 6 - OUTER LOCATOR



ITEM 7 - FAN-IN SUPPORT - RH



ITEM 8 - FAN-IN SUPPORT - RH (BIAS TRACK)

MODIFICATIONS			
B	10-May-01	P. SUTCLIFFE	ITEM 2 MODIFIED
A	12-Apr-01	P. SUTCLIFFE	FIRST ISSUE
ISSUE	DATE	NAME	DESCRIPTION

UNLESS OTHERWISE SPECIFIED:-				THE UNIVERSITY OF LIVERPOOL			
ALL DIMENSIONS IN MILLIMETRES				DEPARTMENT OF PHYSICS			
SURFACE TEXTURE VALUES IN MICROMETRES				PROJECT ATLAS FORWARD TRACKER			
SURFACE TEXTURE TO BE 3.2 ✓				TITLE MIDDLE MODULE SPINE ASSY			
MACHINE ALL OVER OR WHERE MARKED ✓				DRAWING NUMBER OUTER-MODULE			
REMOVE BURRS AND BREAK SHARP EDGES				SHEET 2 OF 2 SHEETS SCALE:-2:1			
DO NOT SCALE				A1			