


BOOM HEIGHT	CLEARANCE
25'	20'
30'	17'
35'	13'6"
40' AS SHOWN	9'3" AS SHOWN
41'	8'

NOTES:

- 5' MINIMUM CLEARANCE REQUIRED BETWEEN PAYLOAD AND GROUND SURFACE
- 4' MINIMUM CLEARANCE REQUIRED BETWEEN PIN AND ROTATOR/SWIVEL (IF APPLICABLE)
- LOWEST 1' OF PAYLOAD ENVELOPE FOR NON-RIGID ANTENNA ONLY
- SEE BOOM HEIGHT / LATERAL CLEARANCE TABULATION FOR ALTERNATE PIN HEIGHTS (SUBTRACT 3' IF PAYLOAD IS WIDER THAN WHEEL SPAN = 18'6")

COLUMBIA SCIENTIFIC BALLOON FACILITY				
TOLERANCES	DECIMAL .XX ± .01 .XXX ± .005	DRAWN BY: J. Lang	DATE: 3/3/2005	Big Bill (MLV) Launch Vehicle
	FRACTIONAL ± 1/32	CHECKED BY: E. Klein	DATE: 3/3/2005	
	ANGULAR ± .05	APPROVED BY: E. Klein	DATE: 3/3/2005	DWG. NO. OM-300-173-SW
SCALE: 1:75	SHEET: 1 OF 1	PROJECT NAME: MLV (Palestine & Ft. Sumner)		
NOT QUALIFIED FOR MANNED FLIGHT	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	MATERIAL:		