



Modification of Tube, 2

Tolerances for D, E, and F refer to attachment points shown in AST-05-R12 and AST-05-R13

These dimensions are approximate; they must be adjusted slightly after measuring the mirror cell.

Define three datums shown on diagram: 1) datum A, the top plane of the base plate, 2) datum B, a line perpendicular to A defining the axis about which the mirror cell is symmetrical, and 3) datum C, a line parallel to A, intersecting B 5.75 inches above A, defining the axis along which the axes will attach. Datum C is thus perpendicular to the part being modified in the inset.

Step 1. Change dimension of pockets for attaching the altitude axes. First, weld (or bolt) plugs (parts 5-051) into tops of pockets. Second, machine out bottoms of pockets to accept axle holders (parts 4-051).

Extend hole down to within 5/8 inch of top of base plate

Tenn. State Univ.	
CASS 2-m AST Project	
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