



Mirror-Cover Fabrication, 2

Step 2: Butt weld parts 11-071 and 11-072 to points 90 deg apart along inside of part 11-070.

Step 3: Weld the spokes (parts 11-075 and 11-076) between the inner and outer rings as shown in this bottom view.

Step 8: Weld the outer-ring stiffeners (parts 11-078) between the spokes and outer ring with fillet welds from top of weldment. (They are not in the common top plane.)

Step 4: Weld inner ring stiffeners (parts 11-077) between spokes and inner ring uprights (parts 11-074) with fillet welds all around.

Step 7: Attach clasp guide plates (parts 11-080) to bottoms of spokes 11-075 ON THE SAME SIDE of the weldment. Use fillet and butt welds all around as appropriate.

Step 5: Butt weld clasp attachment stiffeners (11-079) to upper webbs of spokes (11-075) and outer ring span (11-071) as shown so that they form a common top plane with parts 70,73,75, & 76.

Step 6: Butt weld handle stiffeners (parts 11-081) to spokes to put them into common top plane with parts 11-070, 73, 75, 76, and 79. These welds must support weight of the whole cover through the handles.

Bottom View

Tenn. State Univ.	
CASS 2-m AST Project	
07/02/97	AST-11-RD4
J.A.E.	