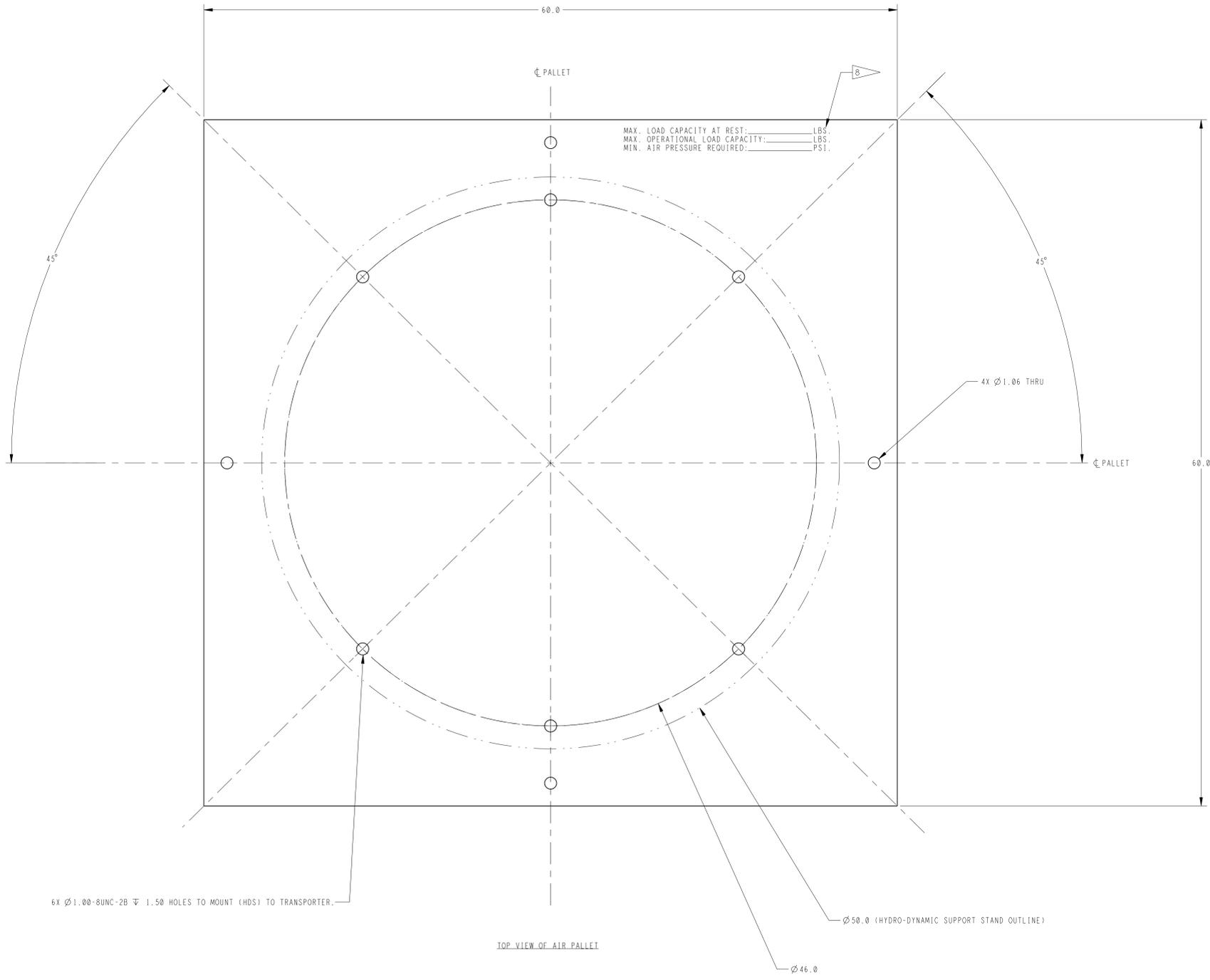


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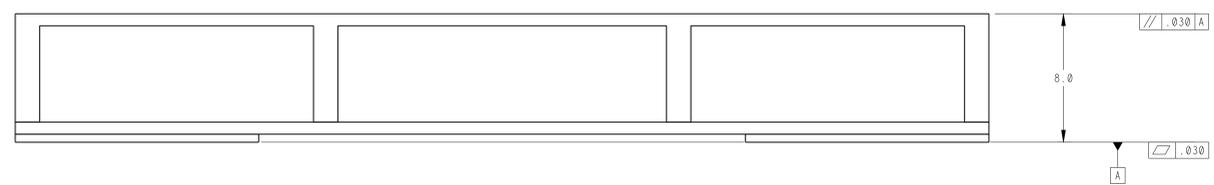
REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL



**SPECIFICATION NOTES:**

- AIR PALLET SHALL BE ABLE TO MOVE OMNI-DIRECTIONAL TO ENABLE THE OPERATOR TO PRECISELY PLACE AND ALIGN THE LOAD IN A LIMITED WORK SPACE.
  - THE AIR PALLET SHALL HAVE A MINIMUM OPERATIONAL LOAD CAPACITY OF 34,000 LBS. THE AIR PALLET SHALL ALSO HAVE A MINIMUM LOAD CAPACITY OF 800,000 LBS. WHEN AT REST WITH NO AIR FLOW GOING INTO THE PALLET.
  - AIR PALLET SHALL BE A MAXIMUM OF 60"x60"x8" IN SIZE AND SHALL HAVE THE CAPABILITY OF RESTRAINING THE LOAD BY USING A DRILLED AND TAPED 1" HOLE PATTERN IN THE TOP OF THE PALLET AS SHOWN IN THE ORIENTATION PROVIDED ON THIS DRAWING. IN ADDITION, THE AIR PALLET SHALL HAVE FOUR EASILY ACCESSIBLE 1" THROUGH HOLES WHICH WILL BE USED TO ANCHOR THE PALLET TO A CONCRETE FLOOR DURING TESTING.
  - VENDOR SHALL PROVIDE ENGINEERING DATA, INCLUDING DEFLECTION ANALYSIS AND STRESS ANALYSIS OF AIR PALLET UNDER MAXIMUM LOADING CONDITIONS, BOTH OPERATIONAL AND AT REST.
  - VENDOR SHALL PROVIDE MAXIMUM LOAD CAPACITIES FOR AIR PALLET BOTH FOR OPERATION AND AT REST, PLUS MINIMUM OPERATING AIR PRESSURE AND MINIMUM AIR FLOW REQUIRED.
  - VENDOR SHALL PROVIDE OPERATING MANUAL WITH DELIVERY OF AIR PALLET.
  - AIR PALLET SHALL HAVE AN EXTERNAL DRIVE UNIT WHICH CAN EASILY ATTACH OR DETACH FROM THE AIR PALLET. THE EXTERNAL DRIVE UNIT SHALL BE CAPABLE OF MOVING THE AIR PALLET WHILE LOADED TO THE MINIMUM OPERATIONAL LOAD AS DEFINED IN NOTE 2. THERE SHALL BE A PRESSURE ON/OFF SWITCH, FORWARD/REVERSE, AND AN OPTION FOR SPEED CONTROL WHICH IS EASILY ACCESSIBLE TO THE OPERATOR.
- STENCIL IN APPROXIMATE LOCATION SHOWN USING 1" TALL CHARACTERS.

TOP VIEW OF AIR PALLET



SCALE 1/4

90M12685  
REVISION

UNLESS OTHERWISE SPECIFIED		BY WHOM DRAWN		DATE		SPECIAL TEST EQUIPMENT	
(DIMENSIONS ARE IN INCHES)		JEFF SHEPHERD		8/3/09		DESIGN BRANCH	
FRACTIONS		DECIMALS		ANGLES		GEORGE C. MARSHALL	
1	.XX	.XX	.06	1°		SPACE FLIGHT CENTER	
16	.XXX	.± .03	.010	2		NATIONAL AERONAUTICS	
DO NOT SCALE DRAWING		DO NOT SCALE DRAWING				AND SPACE ADMINISTRATION	
INDUSTRIAL SAFETY		INDUSTRIAL SAFETY				UNIVERSITY OF ALABAMA	
TEST STAND 4550		JEFF SHEPHERD		2008-07-27		90M12685	
NEXT ASSEMBLY		NONE		NEXT DETAIL SECTION		E	
NEXT LETTER USED		NONE		BY WHOM		E	
		JOE D. DAVIS		8/4/09		NOTED	