



SBA CRITICAL LIFT PERMIT

1. PROJECT:	2. JOB NUMBER:	3. DATE OF LIFT:	4. AREA OR LOCATION:
5. CRANE MANUFACTURER:	6. MODEL NUMBER:	7. CRANE INSPECTION DATE:	8. WEATHER CONDITIONS:
9. DESCRIPTION OF FOAD:	10. BOOM LENGTH:	11. BOOM ANGLE: PICK _____ SET _____	12. JIB LENGTH:
13. OFFSET/TYPE: _____ TO # _____	14. MAXIMUM OPERATING RADIUS:	15. DEGREE OF SWING:	16. WILL JIB BE USED? <input type="checkbox"/> YES <input type="checkbox"/> NO
17. LENGTH OF JIB:	18. CRANE MANUFACTURERS RATED CAPACITY:		

A. COMPONENT WEIGHTS	WEIGHT (LBS.)	
1. JIB	_____	
2. WEIGHT OF BALL AND HOOK (JIB POINT)	_____	
3. UPPER BOOM POINT (FROM CAPACITY CHART IF NOTED)	_____	
4. WEIGHT OF BALL AND HOOK (UPPER BOOM POINT)	_____	
5. LOAD BLOCK	_____	
6. TOTAL WEIGHT WIRE ROPE BENEATH LOWER, UPPER AND JIB POINT	_____	
7. WEIGHT AND DESCRIPTION OF SLINGS	_____	
_____ EA. _____ LENGTH	_____	
_____ EA. _____ LENGTH	_____	
8. WEIGHT AND DESCRIPTION OF SHACKLES	_____	
_____ EA. _____ LENGTH	_____	
_____ EA. _____ LENGTH	_____	
9. WEIGHT OF SPREADER BAR	_____	
10. WEIGHT OF OTHER MISCELLANEOUS RIGGING	_____	
B. TOTALS		
1. TOTAL COMPONENT WEIGHT (ADD A.1. THRU A.10.)	_____	
2. WEIGHT OF LOAD TO BE LIFTED	_____	
3. TOTAL ERECTION LOAD WEIGHT (ADD B.1. AND B.2.)	_____	
C. PERCENTAGE OF CAPACITY		
1. MAXIMUM OPERATING CAPACITY	"	
2. CRANE CAPACITY AT ABOVE RADIUS	LBS	
3. LOAD PERCENTAGE OF CRANE CAPACITY (LINE B.3. DIVIDED BY C.2.)	%	
OTHER CONSIDERATIONS		
CRANE SET UP LEVEL <input type="checkbox"/> YES <input type="checkbox"/> NO	SOIL COMPACTION _____ % IF TOTAL ERECTION WEIGHT EXCEEDS 70% OF CRANE CAPACITY, MATS MUST BE USED OVER WELL-COMPACTED SOIL.	TYPE OF SOIL:
SIGNATURES		
EQUIPMENT SUPERVISOR:	CRAFT SUPERVISOR:	
CRANE OPERATOR:	SITE SAFETY MANAGER:	
RIGGING SUPERVISOR:	PROJECT CONSTRUCTION MANAGER:	

CAPACITY CHART GUIDELINE

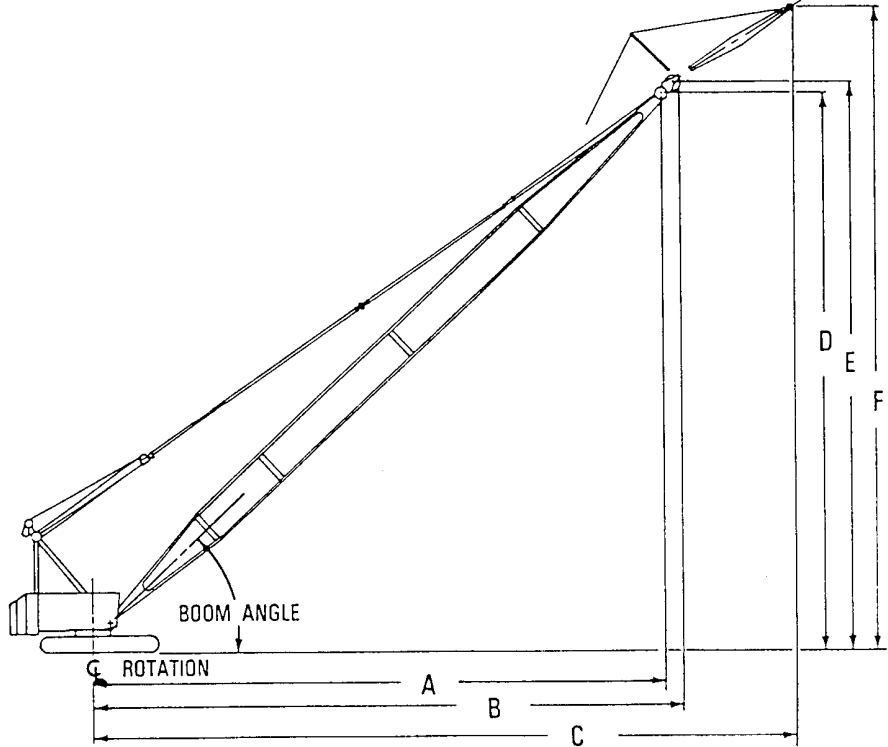


Figure 1

COMPONENT WEIGHTS		WEIGHT (lbs.)
1.	Operating Radius - Main Load Line (Lower Boom Point)	
2.	Operating Radius - Whip Line (Upper Boom Point)	
3.	Operating Radius (Jib Point)	
4.	Boom Point Elevation - Main Load Line (Lower Boom Point)	
5.	Boom Point Elevation - Whip Line (Upper Boom Point)	
6.	Jib Point Elevation - Jib line (Jib Point)	

GUIDE FOR DETERMINING TOTAL ERECTION LOAD

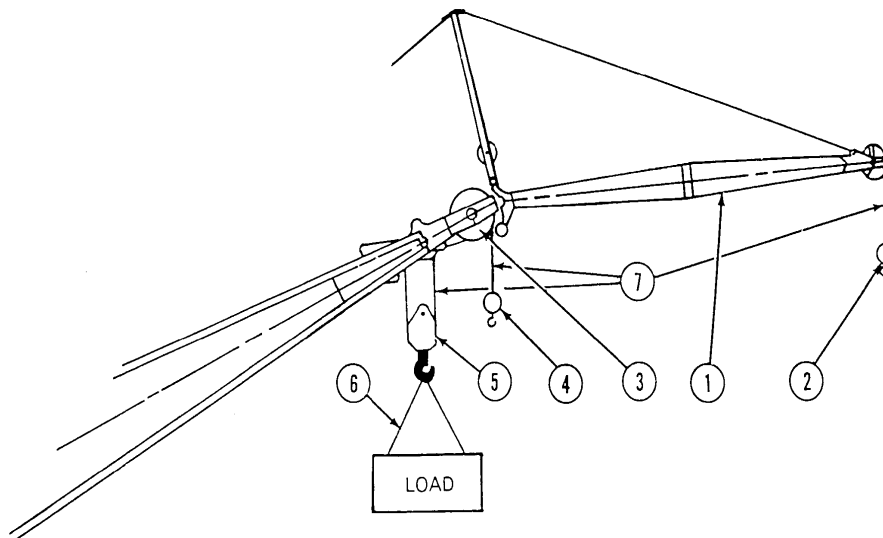


Figure 2

COMPONENT WEIGHTS		WEIGHT (lbs.)
7.	Jib (see "Deduct From Capacities" on capacity chart)	
8.	Weight Ball and Hook (jib point)	
9.	Upper Boom Point (from capacity chart if noted)	
10.	Weight Ball and Hook (upper boom point)	
11.	Load Block	
12.	Total Weight Wire Rope Beneath Lower, Upper and Jib Point (see "Load Line Specifications" for weight of wire rope per ft.)	
13.	Slings	
14.	Shackles	
15.	Spreader Bar(s)	
16.	Weight of Other Miscellaneous Rigging	