

EXAMPLE CRITICAL LIFT PLAN

Contractor:	
Date(s) of planned lift(s):/ To:	_//
Time(s) of planned lift(s):: AM/PM to: _	
Location of planned lift:	
200000000000000000000000000000000000000	
Description of planned lift:	Lift Responsibilities: Operator:
	Signalman:
	Rigger:
	List Personnel with authority to abort a lift:
Pre-Critical Lift Planning Meeting:	
	e rental representatives (when applicable), Subcontractor, Safety
	ll Contractor or Subcontractor) shall attend the pre-lift planning
8. Certificate of insurance for the crane.	in cab of crane before lifting operation begins). e required the date of the crane's arrival on-site. ent month/daily inspection).
4. Crane set-up/configuration:	10. Site conditions (i.e., power lines, tight site, traffic):
5. Rigging calculations:	
6. Staging location for load (unloading/placement):	11. Communications with operator (i.e., designated signalman, radios are required for night, blind, and tandem picks):
7. Crane Capacity:	
Total weight of load only:	12. Swing radius protection:
Structural/Stability part of Load Chart:	
Maximum radius:	13. Anti-two block requirements:
Boom Length:	
# of parts of hoist line/line pull:	14. Other notes/comments:
Crane's configuration:	
Weight of rigging/block, etc.:	



APPENDIX I – EXAMPLE CRITICAL LIFT PLAN

CRITICAL LIFT CHECKLIS

Counterweight: Maximum Load Radius: Boom Length: Line Pull: Load Chart Capacity at Maximum Radii: Load Data: Gross Load Weight: + Rigging Weight: + Rigging Weight: + Main Block: + Cable Weight: + Cable Weight: + Overhaul Ball Weight: = Total Weight of Load:	ft. ft. lbs. lbs. lbs. lbs. lbs. lbs.
Boom Length: Line Pull: Load Chart Capacity at Maximum Radii: Load Data: Gross Load Weight: + Rigging Weight: + Main Block: + "Effective" Jib Weight: + Cable Weight: + Overhaul Ball Weight:	ft. _ lbs. _ lbs. _ lbs. _ lbs. _ lbs. _ lbs. _ lbs.
Line Pull: Load Chart Capacity at Maximum Radii: Load Data: Gross Load Weight: + Rigging Weight: + Main Block: + "Effective" Jib Weight: + Cable Weight: + Overhaul Ball Weight:	_ lbs. _ lbs. _ lbs. _ lbs. _ lbs. _ lbs. _ lbs.
Load Chart Capacity at Maximum Radii: Load Data: Gross Load Weight: + Rigging Weight: + Main Block: + "Effective" Jib Weight: + Cable Weight: + Overhaul Ball Weight:	_ lbs. _ lbs. _ lbs. _ lbs. _ lbs. _ lbs.
Load Data: Gross Load Weight:	_ lbs. _ lbs. _ lbs. _ lbs. _ lbs.
Gross Load Weight: + Rigging Weight: + Main Block: + "Effective" Jib Weight: + Cable Weight: + Overhaul Ball Weight:	_ lbs. _ lbs. _ lbs.
+ Rigging Weight: + Main Block: + "Effective" Jib Weight: + Cable Weight: + Overhaul Ball Weight:	_ lbs. _ lbs. _ lbs.
+ Main Block: + "Effective" Jib Weight: + Cable Weight: + Overhaul Ball Weight:	_ lbs. _ lbs.
+ "Effective" Jib Weight: + Cable Weight: + Overhaul Ball Weight:	_lbs.
+ Cable Weight: + Overhaul Ball Weight:	
+ Overhaul Ball Weight:	_lbs.
= Total Weight of Load:	_lbs.
	_lbs.
% Capacity =Total Weight Load =	%
load chart cap. at max radii	
Rigging Data:	
Sling Construction: Diair	nches
Core Type:	
Number of Legs:	
Sling Angle (horizontal):	
Sling Capacity:	
Means of Connecting (rigging) Load:	
Capacity of Connectors (rigging accessories):	
suparity of Connectors (rigging accessories).	

HECI	KLIST
	ift Requirements (All must be checked YES):
	Load chart utilized is for exact crane model;
	Serial number, boom type, length, tip, counter-
	weight
	(PIC) of lift/employer:
	Signal Person:
	Pre-lift meeting with crew
	Valid crane certification
	Daily inspection completed
	Swing path not over personnel or other activities
	Footing is sound and level
	Plan for radio or hand signal communication
	Minimum clearances from power lines can and
	will be maintained
	The load radius has been measured
	Wind gusts do not exceed 25 MPH.
	Load will not touch boom at any time
	Adequate head room/clearance
	For tandem lifts, diagrams have been prepared
	Non-essential personnel/activities removed
	Tag lines (if necessary) are long enough, tied
	only to the load (no knots), and in good
	condition - also, loose ends controlled
	Operating locations are far enough away from
	shoring, excavations, and trenches
	Application of hardwood mats considered
	Outriggers or crawler tracks are properly
	extended, and tires are clear of ground
	Application of blocking under outrigger pads
	considered
	Adequate swing clearance (min. 2') between the
	counterweight and any obstacles
	Boom configuration meets manufacturer's
	requirements
	Machine is rigged with proper length/type of
	cable, and number of parts of hoistline
	Load block is of adequate capacity and sheaves
	are of proper size for hoist cable.
	All rigging has been inspected (cap./cond.)
	Underground structures/conditions considered