DIMEO

Crane Lift Plan

Form No. 5.068 A

1. Lift Plan Responsible Persons

Project Name:	Date of Lift:	Lift Location:
Subcontractor's Name:		

Contact Name:	Contact Number:	Rigger ID:	Signal Person ID:
Crane Company's Name:			
Contact Name:	Contact Number:	Operator ID:	A/D Supervisor ID:

2. Crane Information

Make:	Model:	S/N:	Capacity (tons):

Date Manufactured:	Does lift involve (if any box is checked, lift is critical)?	☐ ≥75% chart capacity ☐ Dual crane ☐ Personnel basket	☐ Two hooks ☐ Traveling with Load ☐ Other (refer scope)	☐ Over public space ☐ Tripping load

Carrier Information	Boom Information	Jib Information	
☐ Truck	☐ Telescoping ☐ Lattice	Jib deployed? ☐ No ☐ Yes – is it ☐ Fixed or ☐ Luffing	
☐ Rough Terrain	Block capacity (tons)	Block capacity (tons)	Offset: °
☐ All Terrain	# of Parts Line:	# of Parts Line:	Boom and Jib - Combined Length (ft):
☐ Crawler Block	Line Pull (lbs)	Line Pull (lbs):	
☐ Other	Working Boom Length (ft):	Jib length (ft):	

Power Line Encroachment Review		FAA Permit Review
Max working radius (ft): .	plus ½ length of load (ft):	Max working boom tip elevation (as assembled) in ft:
Will max working radius (plus ½ length of load) be within 20' of an overhead power line? ☐ No ☐ Yes		Will max vertical boom elevation exceed 200' above existing site elevation? ☐ No ☐ Yes
If yes, provide power line voltage:		If yes, provide FAA permit no.:
If yes, provide power line safety JHA - see OSHA subpart CC		

Outrigger Configuration / Distributed Load	
☐ Fully Extended ☐ Fully Retracted	Crane cribbing dimensions?
☐ Intermediate ☐ Rubber (PSI)?	Distributed Ground Bearing Pressure (PSF)?

Crane Condition				
Was crane idle >3 months since annual inspection?		Is crane a lattice boom?		Note regarding 3rd party inspection: If crane has been idle for longer than 3 months since last 3rd party annual inspection (inspection), or if crane being A/D is a lattice boom a new inspection certification and report must be provided post A/D). Exception: hydraulic crane with stowed jib that was included in the current annual 3rd party inspection. Inspector must be certified with CCAA (www.CCAAweb.net).
☐ No	☐ Yes	☐ No	☐ Yes	

3. Itemization of Crane Chart and Load Deductions

Weight of Heaviest Load (lbs):		Comment:
Rigging (lbs):		Comment:
Jib (lbs):		Comment:
Jib Hook (lbs):		Comment:
Hook Block (lbs):		Comment:
Load Line (lbs):		Comment:
Other (lbs):		Comment:
Gross Deductions (lbs):		Comment:

4. Lift Summary

Max Working Radius	Boom Angle	Gross Deductions	Chart Capacity	% of Capacity (Gross Deductions / Chart Capacity)

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5. Load Characteristics		
Will this crane lift plan cover multiple picks?	☐ No	☐Yes - explain:
Description of load(s) creating highest % of capacity (i.e. worst case load):		
Dimensions of load(s) creating highest % of capacity (height x width x length): ☐ Other dimensions, as follows:		
Weight of load creating highest % of capacity (lbs)? ☐ Calculation provided with rigging diagram ☐ Manufacturer product data sheet provided		
How will the Center of Gravity (COG) of the load be determined? ☐ Manufacturer data sheet – see attached ☐ Calculation – see attached ☐ In Field – explain below:		
Will any load be upended? ☐ No ☐ Yes (If yes, provide stability evaluation from manufacturer or PE)		

6. Rigging Information:		
List rigging components - be specific: manufacturer, number of pieces, description, size, length, capacity and component weight (NOTE: Job built equipment must be engineered and proof tested per OSHA 29 CFR 1926.251(a)(4)).		
Identify the minimum capacity component:	Capacity (lbs)?	
Rigging diagram		☐ see attached

7. Crane Location/Clearances		
a. Provide a to-scale plot plan showing crane location, adjacent buildings, pipe racks, and other significant obstructions within load swing radius. Indicate direction and span of swing		☐ see attached
b. Provide a to-scale elevation plan depicting crane, adjacent structures, and load		☐ see attached
c. What is the horizontal distance from the crane center pin to the nearest structure?		ft.
d. What is the minimum clearance from boom to highest point of structure during a pick?		ft.
e. What is the minimum clearance from load to highest point of structure during a pick?		ft.
f. What is the minimum distance from boom to load during a pick?		ft.
g. Has site been reviewed (actual and documentary information) as part of the development of this crane lift? ☐ Yes (and, no further information required) ☐ Yes (and, the following add'l information requested):		
h. Will the crane setup (or load) area be within zone of influence of foundation or underground facility? ☐ No ☐ Yes - explain what additional measures will be taken to establish proper support for crane:		
j. Describe signaling method: ☐ Hand ☐ Voice ☐ Voice with hands free radio for operator ☐ Other – explain:		

❖ Non-compliance with any part of this Crane Lift Plan will be grounds for immediate cessation of work and possible permanent removal from the site.

❖

Signatures	
Crane Company Responsible Person Signature:	Subcontractor Responsible Person Signature:

Submit this Completed form to your Dimeo Representative 48 hours (5 days for critical lift) prior to any crane mobilization.