

TEST REPORT

Allied Systems Company, Allied Marine Crane

Model: A-11 Serial Number: 2221 Test Date:

Customer: **Woods Hole Oceanographic Institution**

Operational Features Check-off

Counterbalance Valves	Leaks?	relief 3000 psi	pilot ratio 3:1	pilot press. 1700-1750 psi
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No Load Flow and Pressure Check

Function	Flow (gpm)	Max Pressure (psi)	Angle (deg)	Time (sec)	Speed (deg/sec)
A-Frame Up			57		
A-Frame Down			57		

Wire SWL Test: 1,000 kg (2,200 lb) (Suspend load as shown below)

Function	Flow (gpm)	Max Pressure (psi)	Angle (deg)	Time (≤10sec)	Speed (deg/sec)
A-Frame Up			57		
A-Frame Down			57		

125% Wire SWL Test: 1,250 kg (2,750 lb) (Suspend load as shown below)

Function	Flow (gpm)	Max Pressure (psi)	Angle (deg)	Time (sec)	Speed (deg/sec)
A-Frame Up			57		
A-Frame Down			57		

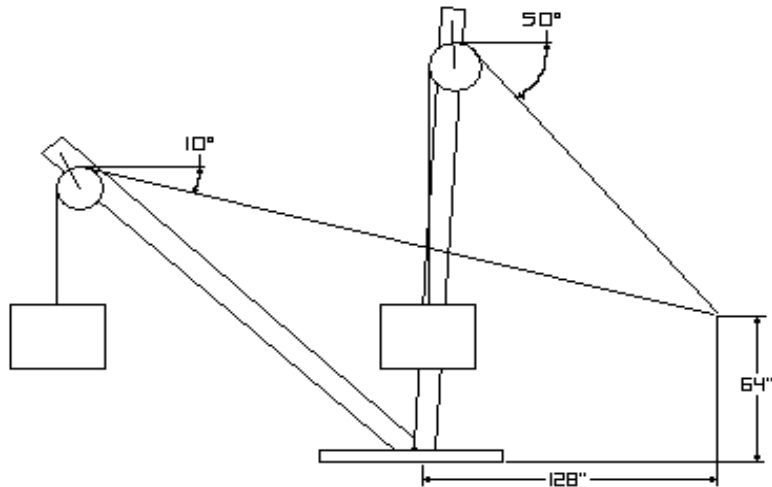
Deflection Check: 2,000 kg (4,400 lb) (Suspend load as shown below)

A-Frame Position	Time (min)	Total Deflection	Permanent Deflection
A-Frame Down (Against Stop)	10		

Comments: _____

Weights For Shipping (lb):

LH Boom	
RH Boom	
LH Pad & Cyl	
RH Pad & Cyl	
Console	
HPU	
Winch Mtg Frame	
Container	
Misc Loose Parts	
Total Weight:	



Project Engineer: Logan Ames

Test Engineer: Logan Ames

A-Frame Operator: _____

Service Dept. Inspector: _____