

# NORTH PACIFIC CRANE

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## FIELD EVALUATION

*DATE:* 12 December 2011  
*Time In:* 0820  
*Time Out:* 0930

*LOCATION:* Carson Hydraulics  
Carson, Washington

Weather Conditions: Overcast, 42 degrees

## UNITS CHECKED

SERIAL NUMBERS **MCK-1850-11-2009**

BLUE PRINTS/SPECIFICATIONS REVIEW... YES

PROCEDURES REVIEWED.....NO

MATERIAL TO SPECIFICATION.....YES

CERTIFICATIONS CURRENT.....YES

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1. UNIT INSPECTION Full inspection as directed. Measurements taken and recorded.  
Main boom and jib in paint shop, turret in assembly room.



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## Crane Checkpoints

Crane Serial Number: MCK-1850-11-2009

Dimensional Check (+/- 3% to be acceptable without reason)	Required Value	Measured Value	Remarks <i>Tolerances</i>
<b>Turret</b>			
Hinge Pin to Cylinder Pin Distance, Horizontal	40"	40 5/8	1.2
Hinge Pin to Cylinder Pin Distance, Vertical	41"	40 3/4	1.23
Main Hinge Pin Diameter	Ø3"	3.004	0.09
Lift Cylinder Pin Diameter	Ø3"	3.011	0.09
<b>Main Boom</b>			
Hinge Pin to Lift Cyl. Pin Distance, Horizontal	128 29/32"	129 1/8	3.867
Hinge Pin to Lift Cyl. Pin Distance, Vertical	15"	14 3/4	0.45
Hinge Pin to Jib Cyl. Pin Distance, Horizontal	214 29/32"	215.750	6.447
Hinge Pin to Jib Cyl. Pin Distance, Vertical	15"	14 3/4	0.45
Hinge Pin to Hinge Pin Distance, Horiz.	346"	345.875	16.38
Hinge Pin to Hinge Pin Distance, Vert.	5"	5.0	0.15
Jib Hinge Pin Diameter	Ø3 1/2"	3.504	0.105
<b>Jib Boom</b>			
Hinge Pin to Jib Cyl. Pin Distance, Horizontal	37 1/8"	37.0	1.114
Hinge Pin to Jib Cyl. Pin Distance, Vertical	14 23/32"	14 7/8	0.442
Jib Cylinder Pin Diameter	Ø3"	3.006	0.09

DATE: 12/19/2011

SIGNATURE: \_\_\_\_\_