

THE PROFESSIONAL RIGGER

Volume 22 Number 2

May 2007

TECHNICAL WORKSHOP

Load Transfer with Trolley Beam When using temporary trolley beams to hoist and transfer a load, special consideration must be given to the loads imposed at the beam's support points.

In the following example, the tare weight of the trolley beam has been accounted for. The weight of the trolley, chain fall, rigging and net load combined are represented by the value 4,200 lbs. What has not been determined are the loads imposed during the transfer. Answer the questions in this workshop by using the rigging card information available at the bottom of the page. Check your answers in Column 3 on Page 2.

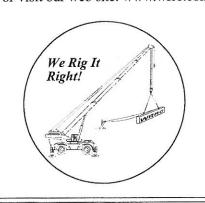
The workshop at the right was taken from Mike's Rigging Mysteries, Black Book.

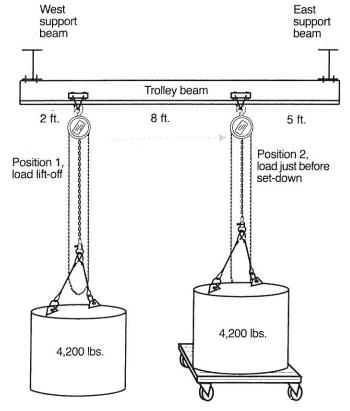
All 110 workshops are available at: www.mikesriggingmysteries.com.

The Professional Rigger is a publication of Industrial Training International, Inc.
It is distributed to those whose occupations require the safe and proper use of lifting and rigging equipment.

For more information contact **The Professional Rigger** PO Box 1660 Woodland WA 98674 (360) 225-1100

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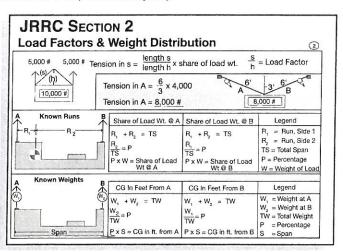


Portion of load to West beam when lifting load at Position 1 = #

Portion of load to East beam when lifting load at Position 1 = # Portion of load to West beam just before set-down at Position 2 = ____#

Portion of load to East beam just before set-down at Position 2 = ____#

Hint: Refer to JRRC-P2 to help solve this mystery.





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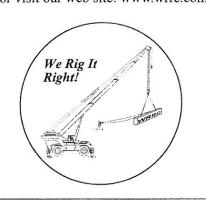
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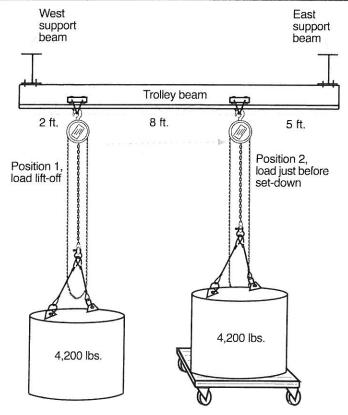
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Portion of load to West beam when lifting load at Position 1 = #

Portion of load to East beam when lifting load at Position 1 = # beam just before set-down at Position 2 = ____#

Portion of load to West

Portion of load to East beam just before set-down at Position 2 = #

Hint: Refer to JRRC-P2 to help solve this mystery.

