

TN 18-723 (A17 Inspections)  
ERRATA to A17.2-2017  
Revision was approved in A17 TN  
13-918 and mistakenly published by  
ASME as "acceptable" instead of  
"unacceptable".

## NONMANDATORY APPENDIX H EXAMPLES OF SUSPENSION MEMBER TENSION MEASUREMENT DATA AND CALCULATIONS FOR ADJUSTMENT

### EXAMPLE 1 Five-Suspension-Member System

Member #1 measurement = 500 lbf (highest tension measured,  
therefore all other tensions must be equal to or greater than  
450 lbf =  $500 \text{ lbf} - 0.10 \times 500 \text{ lbf}$ )

Member #2 measurement = 480 lbf (tension is okay)

Member #3 measurement = 472 lbf (tension is okay)

Member #4 measurement = 435 lbf (tension is acceptable)

Member #5 measurement = 413 lbf (tension is unacceptable)

unacceptable

Example 1 Results: Since tensions in suspension members #4  
and #5 are less than 450 lbf, tension adjustment is required.

### EXAMPLE 2 Seven-Suspension-Member System

Member #1 measurement = 746 lbf (tension is okay)

Member #2 measurement = 695 lbf (tension is okay)

Member #3 measurement = 750 lbf (highest tension measured,  
therefore all other tensions must be equal to or greater than  
675 lbf =  $750 \text{ lbf} - 0.10 \times 750 \text{ lbf}$ )

Member #4 measurement = 700 lbf (tension is okay)

Member #5 measurement = 689 lbf (tension is okay)

Member #6 measurement = 702 lbf (tension is okay)

Member #7 measurement = 715 lbf (tension is okay)

Example 2 Results: Since tensions of all suspension members are  
equal to or greater than 675 lbf, no tension adjustment is required.