

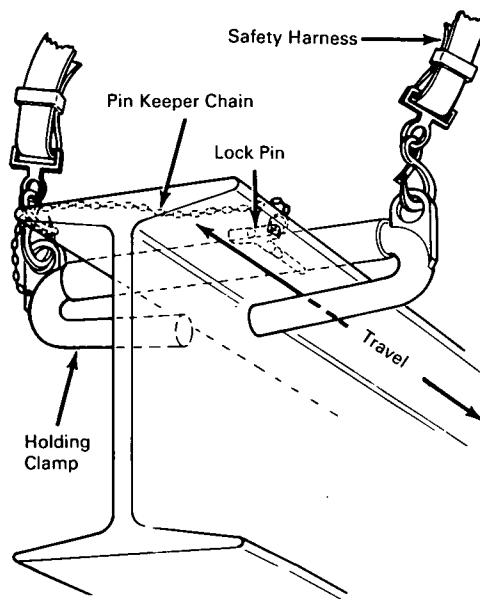


# NASA TECH BRIEF



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## Safety Yoke Would Protect Construction Workers from Falling



### The problem:

Construction workers handling tools and materials on narrow steel "I" beams at high levels are constantly in danger of injury due to falls. In the past, they have worn a safety harness that has been completely wrapped around the beam on which they were working.

### The solution:

A simple dismountable yoke that engages the upper flat of the "I" beam and which slides freely along it to permit freedom of movement to the worker while limiting his ability to fall by a harness attached to the yoke. A locking pin secures the inner and outer sections of the yoke to lock it securely to the beam.

### Notes:

1. The yoke is adjustable to fit beams with flange widths from 8" through 14".

2. Inquiries concerning this invention may be directed to:

Technology Utilization Officer  
 Kennedy Space Center  
 Kennedy Space Center, Florida 32899  
 Reference: B67-10445

### Patent status:

Inquiries about obtaining rights for the commercial use of this invention may be made to NASA, Code GP, Washington, D. C. 20546.

Source: O. H. Goforth  
 of Trans World Airlines  
 under contract to  
 Kennedy Space Center  
 (KSC-10075)

Category 05

# NASA TECH BRIEF

## Stator for V-6000 Project Operation X-ray from Falling



The stator is a critical component of the V-6000 engine, which is a gas turbine engine used in the Space Shuttle program. It is located in the compressor section and is responsible for maintaining the flow of air through the engine. The stator is made of a high-strength alloy and is designed to withstand the high temperatures and pressures of the engine. It is also designed to be easy to inspect and maintain. The stator is shown in the drawing as a complex, multi-faceted structure with various internal and external features. The drawing is a technical drawing and is intended to provide a detailed view of the stator for use in the design and manufacturing process.

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