

# Strategies for Orienting to Payload Interfaces in Microgravity

...Or  
the 10 Steps to “LETTING GO”



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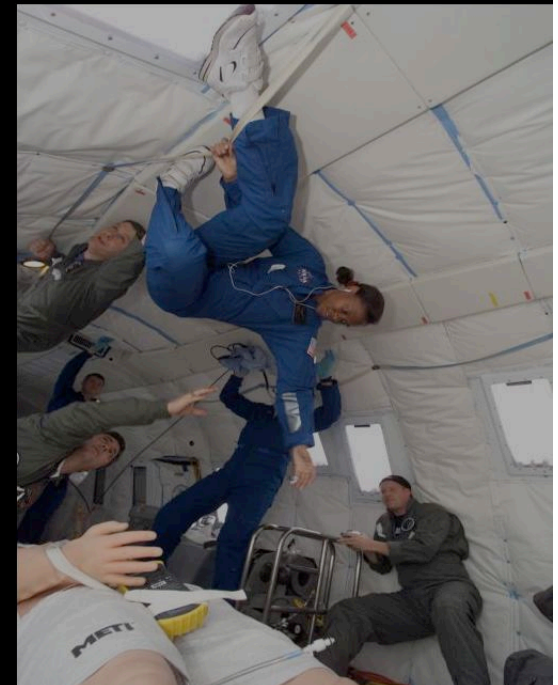
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# Longer

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# Longer

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- blood products,
- sharps,
- hazmats

## Longer: Lessons Learned

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**“BE A SLOTH!”**



# Leaping Loads



# Leaping Loads

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## Leaping Loads: Lessons Learned

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**“EMBRACE THE TUTU”**

# LAT-No-LONGer

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## **LAT-No-LONGer: Lessons Learned**

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**“If you have to ask if we’re still in  
Kansas, it’s time for you to go  
home....**

# Loosening (stuck)

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## Loosening: Lessons Learned

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**“GREASE THE SKIDS BEFORE  
YOU LEAVE  
THE GRID!”**

# Leaking

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## Leaking: Lessons Learned

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**“PEE BEFORE YOU GO!”**

# “Lost in Space”



## **Lost in Space: Lessons Learned**

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**“MAKE Before You BREAK!”**

# Long Gone





## Long Gone: Lessons Learned

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**“REDUNDANCY: CONFIGURE  
FOR FAULT TOLERANCE”**

**“Look Out!-1”**

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**“Just when you  
thought it was safe  
to return to Earth....”**

# “Look Out!-1”

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## “Look Out!-2”



## Look Out 2: Lessons Learned

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**“LOOK UP FOR THE STARS!”**

# **“Look Out!-3”**



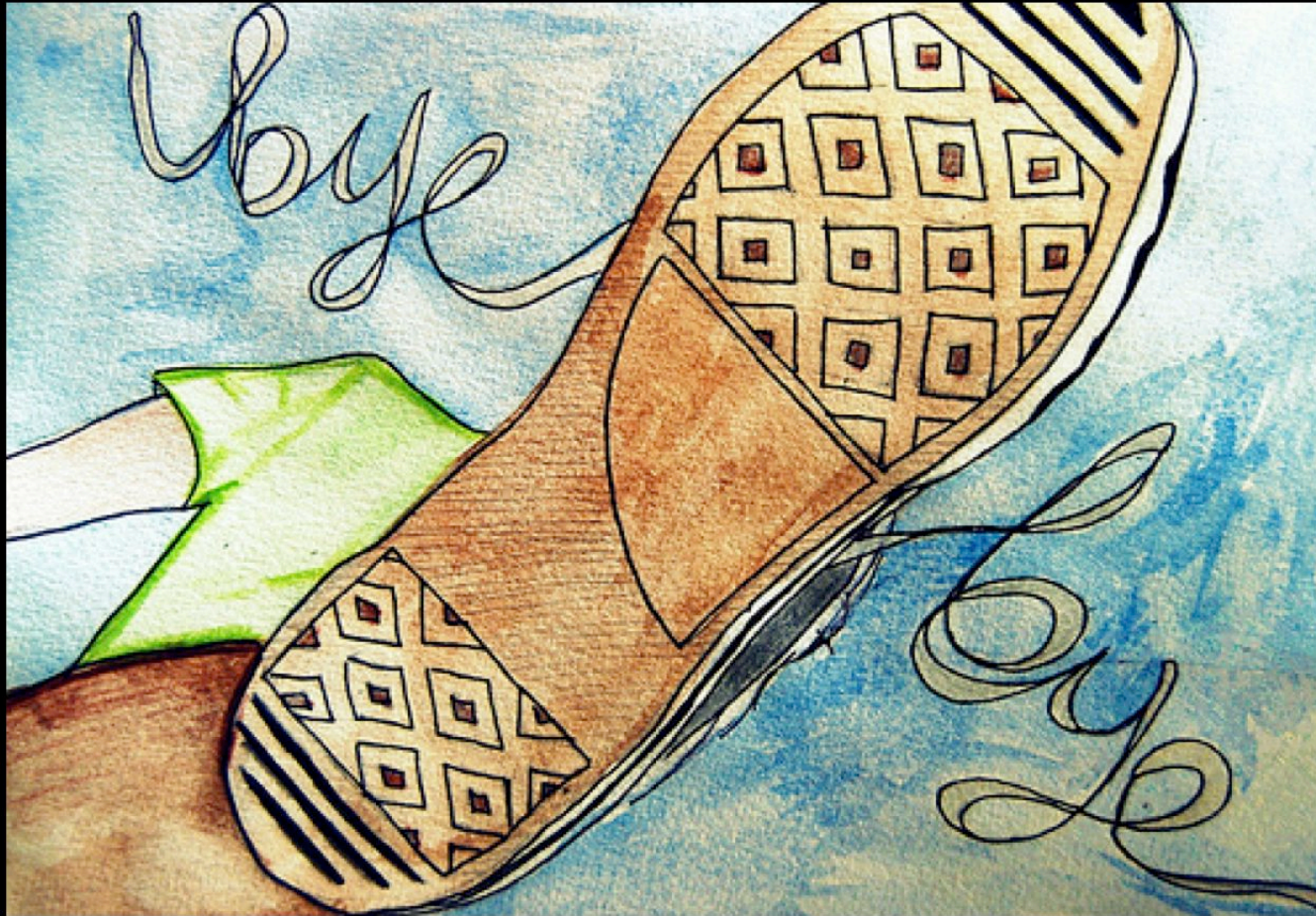


## Look Out 3: Lessons Learned

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**“DON'T MAKE AN IMPRESSION!”**

## “Look Out!-4”



# Lasting

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# Lasting

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