

# FAA National Software Conference

## Common DO-178B Foibles



 *Digital Flight*

### FAA National Software Conference

#### DER PANEL

#### Common DO-178B Foibles

Presented by: Digital Flight  
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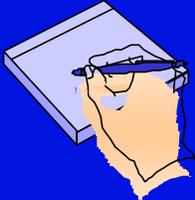
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### Three Things To Remember When Developing Software



1. Requirements
2. Requirements
3. Requirements

Analyze  
Understand  
Specify A-3



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 ~~Digital Flight~~ Three Things TO Remember When Using DO-178B

1. Process
2. Process
3. Process

**Say what you do**

**Do what you say**

**Prove it!**

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 ~~Digital Flight~~ The Few Good Men Syndrome



**It's hard to get the really talented to follow the process!**

Slide 4

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 *Digital Flight* Plans Are For You

- **Need to state only what you are to do** 
- **Write them so they can be followed** 
- **They need to be read** 

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 *Digital Flight* Avoid This

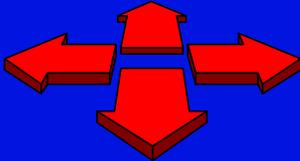


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 **Digital Flight** **The Schitzo Organization**


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 **Digital Flight** **Transition Criteria**

### Who - What - When



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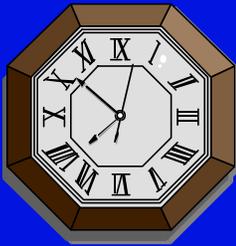
 **Digital Flight** SQ What?

Planned Phases	Internal Baselines
Requirement	2/10/00 What
Design	12/1/99 How
Code	10/1/99 It
Test	10/1/99 Assure

What makes you think we didn't follow our planned process?  
You mean that we were suppose to have a transition record?

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 **Digital Flight** Schedule Crunch



We'll just get it to work and document it later!

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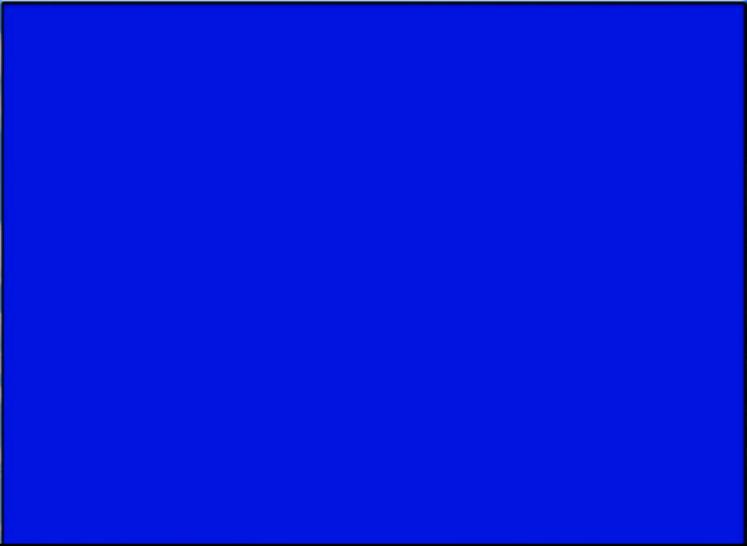
 *Digital Flight* The One Minute Review



**I'm busy with my own section.  
I'm sure Jack will do a good review.**

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 *Digital Flight* Robustness



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