Risks of Introducing and Sustaining New Materials and Processes
Agenda

- Introduction
- Objective
- Understanding Risk
- History of New & Sustaining
- Closing

http://nssdc.gsfc.nasa.gov/planetary/image/earth_night.jpg
Introduction
Introduction
Objective

Manage Risk

Lean Six Sigma

Suppliers (Input) – Customers (Output)
Training Builds Confidence

Gulfstream Space Shuttle Landing Trainer

Thousands of hours in environment
Understanding Risk
History of New and Sustaining

High-altitude, Space suit
Sea of Tranquility
Titanium discovered
History of New and Sustaining

Cris Curtis – Gulfstream Materials and Processes Engineering Manager

Sept. 25-28, 2016 • JW Marriott Desert Ridge Resort • Phoenix, Arizona
History of New and Sustaining
History of New and Sustaining aluminum-lithium plate and friction-stir welding
Wood, Aluminum, Glass, Plastics, CRES, Composites; C, B, Laminate, Aluminum-Lithium, Ceramics; Resins; adhesives, sealants
History of New and Sustaining
Closing