Design and Field Experiences – Sandwich Structure

**Agenda**

- Typical Sandwich Construction Issues
- Failsafe approach to PSE Sandwich Construction
Hail Damage Pictures

- Sandwich construction can be more susceptible to impact and environmental damage but with good design details is minimize
Moisture Damage to Nose Radome

Inside surface of Nose Radome

Delamination Area
Design and Field Experiences – Sandwich Structure

- PSE control surfaces
- Failsafe approach to PSE

Sandwich Construction

- Limit load residual strength is demonstrated with a disbonded facesheet
- Ribs are used as an arrestment feature