

**Lean Flight Initiative Kaizen Blitz**  
**Shannon Aerospace**  
**March 26 – 30, 2007**

**Shannon Aerospace Host:**

Tom Caffrey - Head of Production

**Simpler Consulting:**

Mike Starks

**Boeing:**

Joy Cassady – Lean Enterprise Office

Robert Foreman – Fleet Service Engineering

Lynne Tanino – CAS Lean Office

**Austrian Airlines:**

Franz Fleischmann – Head of Aircraft Engineering

Ernst Bintinger – Deputy Head of Fleet Monitoring & Airworthiness Quality Mgmt

**Northwest Airlines:**

Devin Antonson – Manager Avionics Shops

**TACA:**

Gerardo Bonilla Cader - Analyst in the Strategic Development Group

**North American Airlines:**

Darek Wisniewski – Sr. Manager of MX Planning

**Lake Region Manufacturing:**

Noel Hennessy



L to R: Niall Sheehan (Dell), Liam (Dell) Joy Cassady (Boeing), Bob Foreman (Boeing), Keith McKerchar (Shannon), David Chaplin (Shannon), Franz Fleischmann (Austrian), Charlie (Dell), Gerardo Bonilla Crader (TACA), Lynne Tanino (Boeing), Tom Caffrey (Shannon), Devin Antonson (NWA), Darek Wisniewski (North American), Ernst Bintinger (Austrian), Mike Starks (Simpler), Noel Hennessy (Lake Region Mfg), ??? (Shannon), ??? (Shannon)

## Team #1 – Ramp 6S

### Scope:

To 6S the ramp storage area after a piece of equipment stored on the apron flew into the flap of a plane ready for delivery (40 man hours and \$1000 of material to repair)

### Accomplishments

- Created a system to track and locate required equipment:
  - marked equipment with assigned tool number
  - identified and mapped dedicated location for equipment
  - assigned ownership
- Returned infrequently used "leased" equipment for a saving of approximately 800 euro/month
- Painted yellow center line for towing 767 from Bay 4 to taxiway
- Tie down cables to secure equipment
- Position and install concrete blocks and chains
- Plans for a tow bar storage shelter



## Team #2 – Recruitment Team

### Scope:

To improve and standardize the recruitment process, internal personal process, & personal requisition

### Accomplishments:

- 92% reduction in recruitment flow time
- 44% reduction in recruitment time (63 days to 28 days)
- 40% reduction in recruitment touch time (3.8 days to 1.5 days)
- 44% reduction in internal processing steps (45 steps to 20 steps)
- 92% reduction in average personnel requisition time (12 days to 1 day)
- Created the ability for job application via web site
- Created recruitment plan:



### Team #3 – Engineering Response Time Team

#### Scope:

To create a process for reducing Engineering queries lead time.

#### Accomplishments:

- Identified a list of critical fuselage inspection areas that must be submitted to OEM first in order to maintain Pulse Line
- Improved HUB query response time:
  - o Standard template to document queries submitted by production to the HUB
  - o User friendly and functional HUB Database
  - o Assign all new queries to an Engineer within 1 hour
- New OEM Proposal Template to ensure all relevant data is provided
- Proposal to:
  - o Perform A/C Pre Inspection
  - o Provide Engineering Thursday and Friday evening coverage to clarify issues with Boeing.

### Team # 4 – Upholstery Team

#### Scope:

To design and set up cells for the repair and overhaul of aircraft parts through the Upholstery

#### Accomplishments:

- 6S'd area
- Set up visual work cells in area:
  - Décor
  - Dados
  - Carpets
  - Galley
  - Insulation/Cargo Net.
- Color coded furniture & equipment used within the cell
- POU tooling

