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Introduction Radj Jagbandhan

Background:

- 30 year in aviation
- 25 year within KLM

Experience in:

- Line and base maintenance
- Component Services
- Change Management
- Projects/Programs
- Parking/Storage
- Operations

Current position:

- Director Line Maintenance International



Parking Program Timeline 737

Timeline 737NG Parking Program Normal Parking Active Storage <20 days 180 days maximum 14-Day 90-Day Preparation for 7-Day 60-Day Return to Start of Normal 30-Day Active Storage Cycle Cvcle Cvcle Cvcle Cycle Parking after ≤7 service Days inactivity Engine run APU usage (≥5 mins) Lubrication**) A/c cleaning/washing Replace batteries >90 days Drain water from fuel tanks Perform each 48 hours from Start of Normal Parking. Not required but only when Engine Run & Lip Skin GVI/Cleaning is performed every 7d AND fans **Engine Covers** are strapped to prohibit wind milling Inlet Cowl Lip skin Every 7 days cleaning and GVI (for signs of corrosion) *) Engine run 30 mins during Prep for Actv Storage, 15 mins during other Cycles **) Lubrication Can be: Landing Gear, Wheels, Flap Drive Syst, Hydr comp bearings (>45 days)

Parking Program Timeline A330



Preparation phase



OAM/OEM

- Deviation approval from OAM/OEM time consuming
- Correct materials (covers, tapes,)

Logistics

- Availability parking positions
- Towing & wing walkers
- Ground equipment
- Airport infrastructure
- Alternate parking fields in EU and US

Manpower

- More than 200 aircrafts
- Clearing of incoming defects and Aircraft Deferred Defects

Communication

- Internal & external
- Webinars (IATA, media)

Safety

- Management of Change assessment
- Bounding of ground earth points at remote parking position
- Steel plates (point pressure of the tire)

Fuel

Fuel bowsers for contaminated fuel on standby

Security

- Security camera's for remote area's
- Additional lights in remote area's

Regulator

- Compliance
- Maintenance Program

Bringing into parking

Maintenance Program

Stop the clock?

2. Manpower

- Number of staff i.r.t COVID-19 restrictions and executing of maintenance
- Dedicated teams (ownership)

3. Execute of maintenance

- Fuel treatment chemicals (was not allowed to use biobor in the EU)
- Alternate method to measure fuel contamination by using fuel samples
 - Logistics
 - Capacity of laboratory
- Weather conditions
- Steel plates to prevent damage on runway due to point load
- Turning of main and nose wheels >200 aircrafts
- Local restrictions and regulations
- Location/position to execute maintenance tasks

4. Logistics

- Towing
- Ground equipment
- Airport infrastructure

5. Safety

 Management of Change assessment (safety, security and occupational safety)

6. Alternate fields

 Ferry flights to parking airfield dedicated team

7. Security

- Camera's
- Lights

8. Communication

Internal & external

In parking

- Dedicated team
- Local rules & regulations i.r.t environment
- Management of change assessment (safety, security & occupational safety)
- Compliance
- Communication
- Execute of maintenance
 - Idle run
 - Service task
 - Weather conditions
- Inspection for damage and building of birds nest



Return To Services

- Hangar slots
- Logistics
 - o Towing
 - Ground equipment
 - Airport infrastructure
 - o Procedures

Execute of maintenance

- AMM instructions & procedures
- Dedicated teams
- Safety
 - Pitot and static ports obstructions
 - Bird or insect nesting
- Ferry flights



