



TRAINED FOR LIFE



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# Fatigue Management Seminar

FAR 117 Fitness for Duty and Responsibilities  
January 22–23, 2020  
McLean, Va.



# Fitness For Duty: What Does it mean?

**Capt. Jim Mangie**  
**Delta Air Lines**



**Fatigue Management Seminar**  
FAR 117 Fitness for Duty and Responsibilities



# Scientific principles and knowledge

- The need for adequate **sleep**
- Sleep loss and **recovery**
- **Circadian** effects on sleep and performance;
- The contribution of **workload**
- The operational and organisational **context**

# Facts

- Company responsibility: schedule adequate rest
- Pilot responsibility: use scheduled rest time to prepare for upcoming duty
- Not good enough to just fly to the numbers any more. Must manage fatigue risk to acceptable level under SMS



# Do our actions match the intent?

- We're all doing a pretty good job, but.....



# Do our actions match the intent?

## Carrier

- Optimized rotations
- Short haul flying
- Red eye flying
- Staffing
- Augmentation
- Reroutes
- Culture around making the hard call





# Do our actions match the intent?

## Pilots

- Deviation from deadhead/fake deadheads
- Commuting- what is ok and what isn't
- Bidding/swaps
- On-board rest- it ain't the Ritz
- Premium pay
- Likes vs. safety and responsibility
- Making the hard call



# Do our actions match the intent?

## Joint

- Contract negotiations-balance of safety and efficiency
- FSAG/Scheduling-safety vs. industrial
- Use of data to drive outcomes
- Use of all available information to fix problems
- Information to pilots to support “hard call” decision making process





# Thanks for your attention

