Fatigue Management Seminar

FAR 117 Fitness for Duty and Responsibilities
January 22–23, 2020
McLean, Va.
• First AMOC at AA was DFW-HKG, July 2014
• B777-300/4 Pilot Crew (2CA/2FO)
• Relief from 117.11(a)(3) and 117.17(a)
• Maximum 19 hours’ flight time, FDP between 17.0 and 21.0 hours, depending on FDP Start Time. Scheduled departure 1035 DFW time yields 21.0 hour FDP
• Rest Plan produced and made available to all pilots
• Generally required westbound in winter, 8 of 30 flights in November operated into either or both the FT and/or FDP allowances
FRMS and Mitigations DFW-HKG - MITIGATIONS

- 21 total Conditions and Limitations
- 2 PNR required prior to sign-in, DFW time
- SC Reserve must have 12 hours’ rest prior to RAP, and must be assigned within 3 hours of RAP start
- Crewmembers must be given NLT 38 hours rest in HKG
- 56 hours consecutive rest encompassing 3 PNR DFW time after return
- Max delay prior to proactive crew change is 4 hours
FRMS and Mitigations
DFW-HKG - RESULTS

• Over 5 years of operations conducted thus far, with a total of six fatigue removals for four causal factors
• Only change requested has been to permit use of 777-200, indicative of mitigations being sufficient
• Mitigations are effective on this trip as well as post-return flying
• Experience showed value in creating a scenario-based “cheat sheet” to assist Crew Resources and other operating groups with correct application of C&L