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# Fatigue Management Seminar

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





# FRMS and Mitigations DFW-HKG - OVERVIEW

- 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



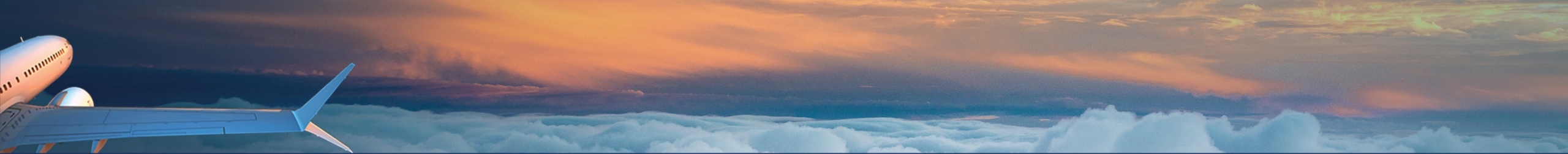


# FRMS and Mitigations

## 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

