Fatigue Management Seminar

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

United Airlines – January 22, 2020

• FRMS – current state

• FAR 117 Desk performance management
United Airlines Current FRMS Route authorities

Non-route FRMS authorizations include 3 pilot inflight rest and 777 bunk sizing
Flight Duty Periods & FAR 117 Desk oversight*
Oct 2018 thru Sep 2019  All UA fleets – 787, 777, 767, 737, 320, 757

- FAR 117 Desk oversight*
  - 9,195
  - 0.81%

- Not under FAR 117 Desk oversight*
  - 1,129,813
  - 99.19%

* FAR 117 desk oversight occurs 45 minutes prior to reaching Table limits
FAR 117 Desk oversight* results - 9,195 FDP’s

- **Re-crew/Re-assigned**: 3,449 (37.5%)
- **No extension required**: 3,447 (37.5%)
- **Extensions Used**: 1,891 (20.6%)
- **Cancelled Flt**: 408 (4.4%)

* FAR 117 desk oversight occurs 45 minutes prior to reaching Table limits
FAR 117 Desk oversight* results – **1,891 Extensions Used**

- **Extension under 31 min**
  - 954
  - 50.4%
  - Non reportable extension

- **Extensions over 30 min**
  - 937
  - 49.6%
  - FAR 117 reportable extension

* FAR 117 desk oversight occurs 45 minutes prior to reaching Table limits
All Fleets Flight Duty Periods - Oct 2018 thru Sep 2019
UA Data – 787, 777, 767, 737, 320, 757

- FAA Reportable: 937 (0.08%)
- Non-Reportable: 1,129,813 (99.92%)
FAR 117 Desk - improvements

- Non-compliant FDP extensions reduced to ZERO
- Improved Messaging to Crews regarding FAR 117 limitations
- Improved training & communications regarding FAR 117 compliance