

Collaborating to address
LOSS OF CONTROL IN-FLIGHT

Upset Prevention and Recovery Training Workshop

Planning regional UPRT implementation

Marcelo Ureña, FLS/RO
ICAO Lima Office



“VOY A PASAR POR LA VIDA UNA SOLA VEZ. POR ESO, CUALQUIER COSA BUENA QUE YO PUEDA HACER, O ALGUNA AMABILIDAD QUE PUEDA HACER A UN SER HUMANO, DEBO HACERLO AHORA, PORQUE NO PASARÉ DE NUEVO POR AQUÍ”.

Teresa de Calcuta

ATOs Delivering On-Aeroplane UPRT

- SMS considerations
- Capabilities of the aircraft in use must be suitable for the UPRT tasks
- Development of appropriate procedures and training programme in actual flight
- Advanced instructor training

Can ATOs implement such programmes?

ATOs or airline operators delivering UPRT in FSTDs

- UPRT tasks will need to be developed for type-rating and other training
- Capabilities of the FSTD must be suitable for the UPRT tasks
- Enhanced instructor training

Can ATOs or airlines implement such programmes?

Airline Operators

- Bridge training required for existing pilots
- Introduce UPRT into conversion and recurrent training programmes.

How will airline operators do this?

CAAs

- Enhanced inspector training
 - UPRT oversight requires **approval of the training organisation**, not a trainee's individual performance (no direct testing of the trainee needed). It also requires **approval of the UPRT programme**.
 - For approval purposes, inspectors must be able to assess whether the FSTD to be used is **qualified for the training programme**.

Can CAAs effectively oversee such programmes?

Questions to be Answered

- How will you assess the gaps between where you are now with regards to training and where you need to be to implement safe and effective UPRT?
- Do you need expert assistance? What sort?
 - FSTD upgrades
 - Assessment of aeroplane capabilities for UPRT
 - Programme development (training tasks)
 - Development of instructor qualification programmes
 - Avoidance of negative training
- What are your timeline and training priorities?



Building a Roadmap

- Promulgation of UPRT regulations
 - Development of guidance
 - Development of regulations (LARs and national)
- Implementation of:
 - CAA inspector training
 - FSTD upgrades
 - Ab initio on-aeroplane UPRT development*
 - Type-ratings UPRT development*
 - Airline UPRT development*
 - Bridge training of existing pilots

* Includes Instructor training

