



EASA

European Aviation Safety Agency

Remote Tower Operations

“from direct visual observation to real time visual presentation”

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Cluj, 21 September 2015

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Remote Tower Operations

- **RMT 624-625 (Technical and operational requirements for remote tower operations) launched early this year**
 - multidisciplinary group, with transatlantic (FAA) participation
 - works started Jan. 2015
- **The task focused on the conditions for the remote provision of ATS**
 - moving from direct visual observation by ATS personnel physically present at the aerodrome to “visual presentation” of the aerodrome and its vicinity, through the use of cameras, sensors, etc.
 - single mode of operation
- **NPA 2015-04 published on 23 March 2015**
 - proposal of means of regulatory compliance and guidance material to facilitate the safety assessment and approval of “remote tower operations”



Remote Tower Operations

- **First phase of work completed with ED Decisions 2015-014-R and 2015/015/R published on 03 July 2015**
 - *“GM for the implementation of the remote tower concept for single mode of operation”*
 - *“Requirements on Air Traffic Controller licensing regarding remote tower operations”*

- **Key messages from this exercise**
 - holistic approach was applied, one that covers the aerodrome (as a system) and beyond
 - coordination between ATS provider/aerodrome operator and competent authorities is a key enabler
 - need to think “outside of the box”, identify gaps in existing regulatory material and address new operational needs and concepts
 - leave the door open for the what the future holds



Remote Tower Operations

- **ED Decision 2015-014-R common for the ATM-ANS/AGA areas**
 - safety assessment methodology
 - coordination issues
 - operational context
 - roles & responsibilities
 - ergonomics
 - cyber-security
 - necessary equipment
 - siting aspects
 - ATCO qualification – training
 -
 - aerodrome aspects



Remote Tower Operations

From this



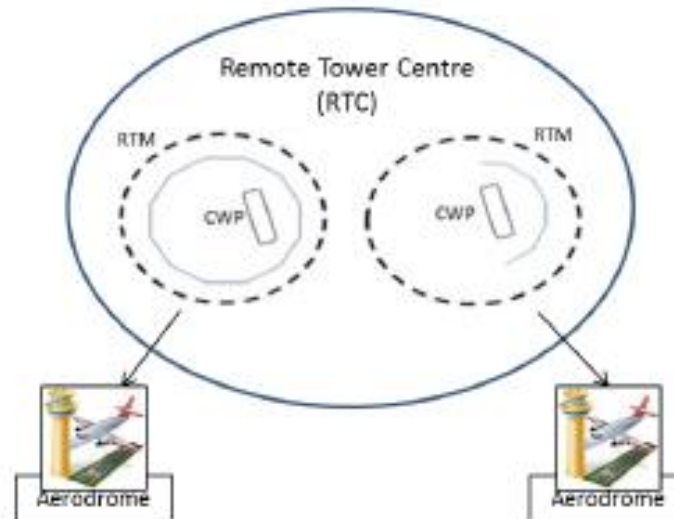
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Remote Tower Operations

- **So, what does the future might hold?**
 - integrating the relevant content of ED Decision 2015-014-R in the existing aerodrome material ?
 - adoption of future industry standards (EUROCAE WG-100) ?
 - extension of the scope to cover other, more complex, modes of operations ?
 - ?





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Thank you for your attention!

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