The Global Voice of Pilots



# GRF: Pilots' Experience

## GRF Implementation



#### Before...

Various SNOWTAM format existed which made our operation very complicated.

#### With GRF...

our life is GREAT! THANK YOU!!

A globally harmonized implementation minimizes risks

BUT there are still countries without GRF...



#### In Actual Situation

## How often do APAC pilots encounter snow ops?

- 1) Once every week
- 2) Once every month
- 3) Once every year
- 4) Once every few years

It depends on the region, but 3 or maybe even 4...





## Snow Weather Operation



#### **Additional Procedures**

- Performance(X-wind, Thrust, etc.)
- Exterior Inspection
- De-Ice/Anti-Ice
- Weather Sequence
- Taxi Procedure
- Engine Runups
- Constraints of Hold Over Time



#### Some Difficulties for the Pilots



#### Downgrade/Upgrade Reporting

• It's quite difficult to report actual slipperiness of runway by RWYCC

• Airbus and B787 can use features on the aircraft to get digital data



## In China, ROK, and Japan



• Japan continues to report runway slipperiness

• In China, some airport's braking action is based on PIREP

(except ZBAA, ZSPD, ZSSS, ZWWW)



#### From Past Incidents



#### Overrun incidents in the past:

- Stable Approach till DA
- Poor Visibility with snow/fog
- Manual Control after DA
- Wind Shift/Duck Under
- Prolonged Flare
- G/A not in Mind
- Long Landing
- ...Overrun



### Training and More Harmonization



• IFALPA emphasizes the importance of training, which should not be underestimated. This is not only for the pilots, but to all stakeholders.

• For countries without 100% GRF conformity, request your progress.



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## Thank You