



Effect of the TFM Convective Forecast

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Friday Mar 22, 2019

TFM CONVECTIVE FORECAST

VALID: 2300 UTC FRI 22 MAR 2019



AVIATION WEATHER CENTER (NOAA/NWS/NCEP)

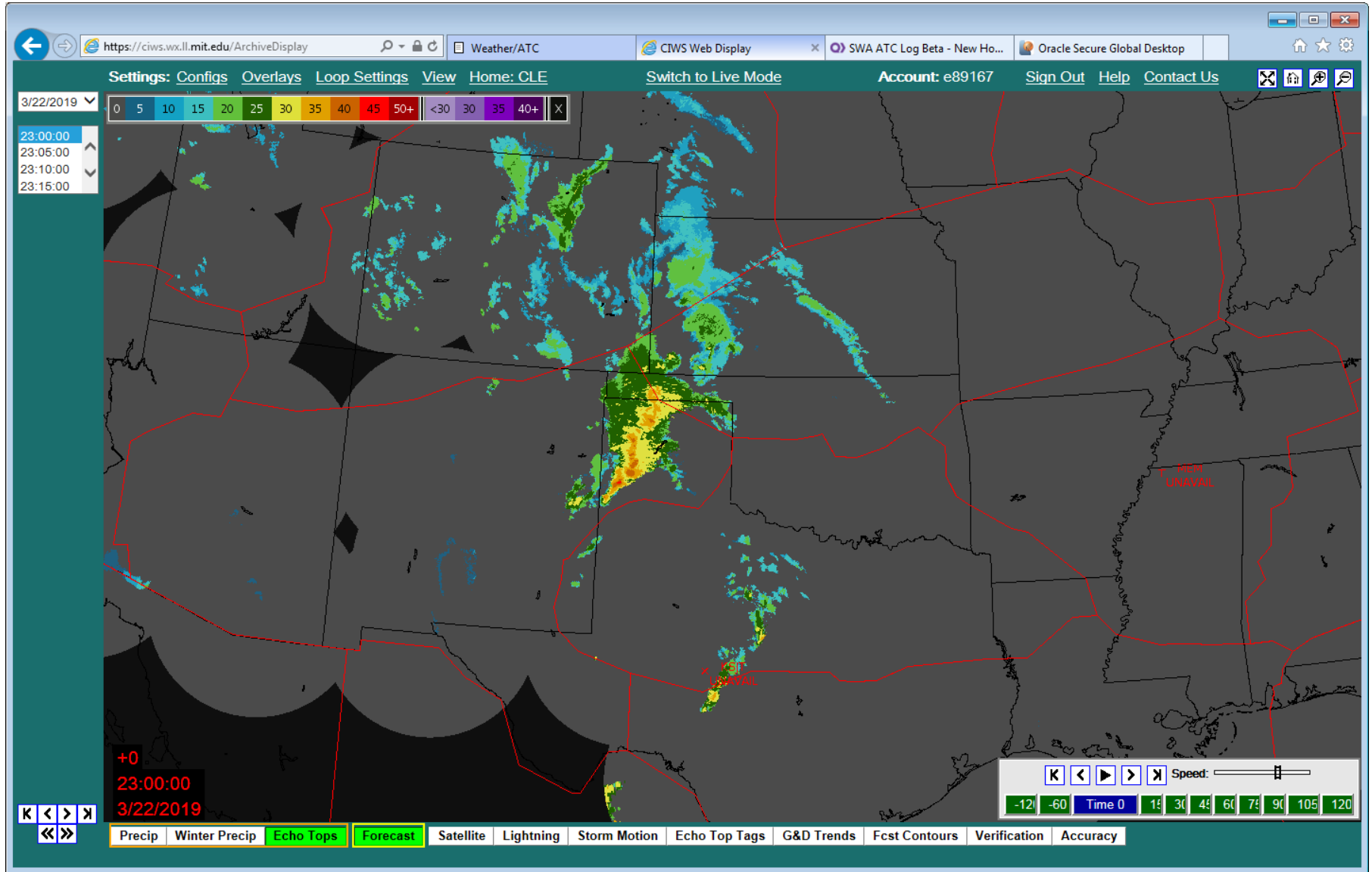
ISSUED: 1900 UTC FRI 22 MAR 2019

15z, 17z and 19z run

Routes

- DEN GCK (12 SWA)
- PHX EAGUL (17 SWA flights)
- ABI Partial (5 SWA flights)
- West to DFW (14 SWA flights)
- IAH KOBLE (7 SWA flights)

2300z Actual



TCF tops FL390

ABI Playbook

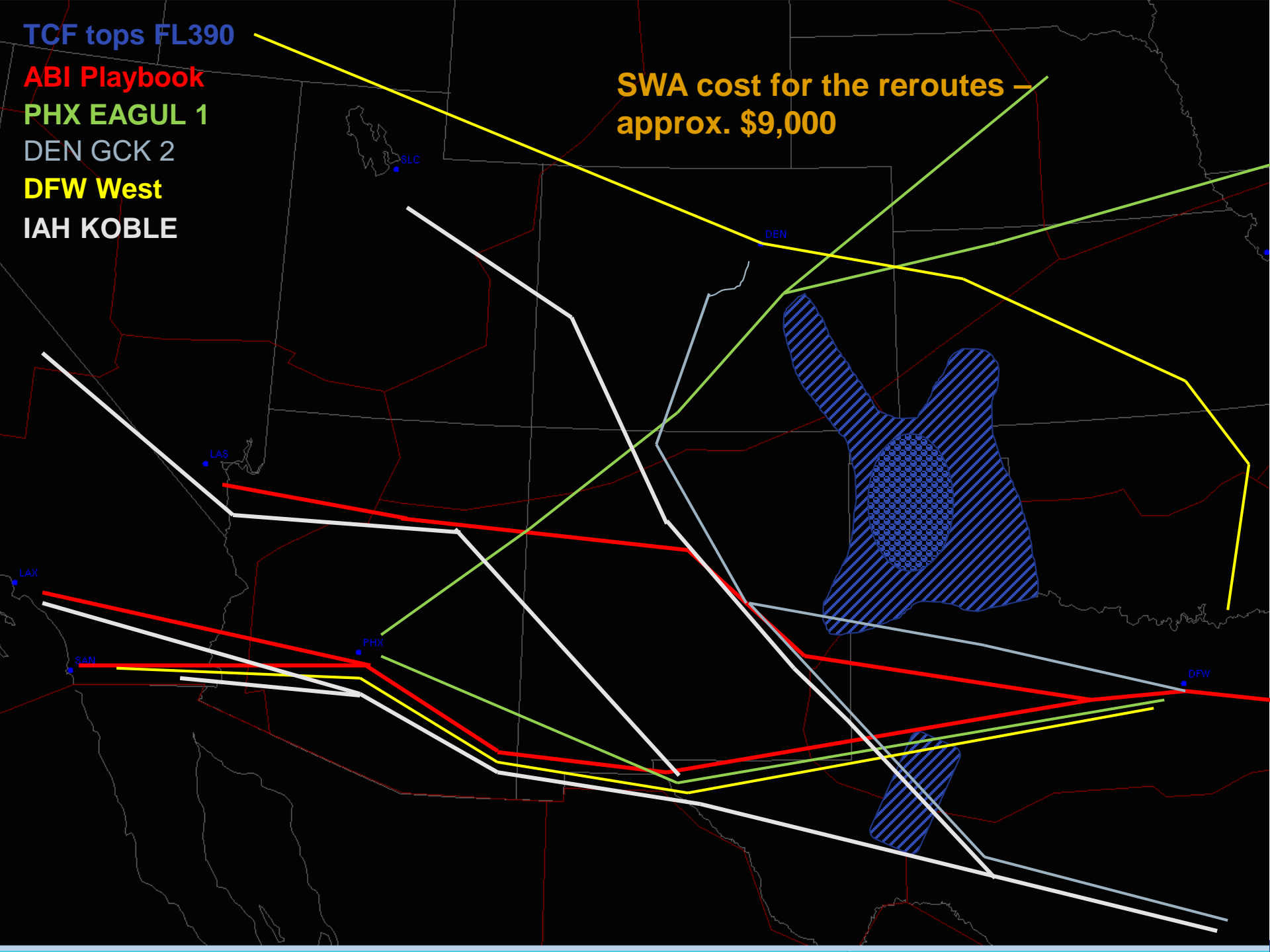
PHX EAGUL 1

DEN GCK 2

DFW West

IAH KOBLE

**SWA cost for the reroutes –
approx. \$9,000**



Thoughts on the TCF

- We need better training for airlines and air traffic facilities on interpreting the TCF
- What is the confidence of the TCF forecasters
 - If there is a disagreement between medium confidence and high, who wins?
- More collaboration on the TCF
 - Airlines need to make time to participate in chats
- Need to communicate TCF verification statistics to build confidence and to identify product strengths and weaknesses
- Perform analysis on archived TCF versus actual traffic initiatives
 - Analyze case studies (perhaps this is already done)