

*We are*  
**Airports**

# FAA Engineering Brief 94

## Accommodating the B-777 FWT onto Airports

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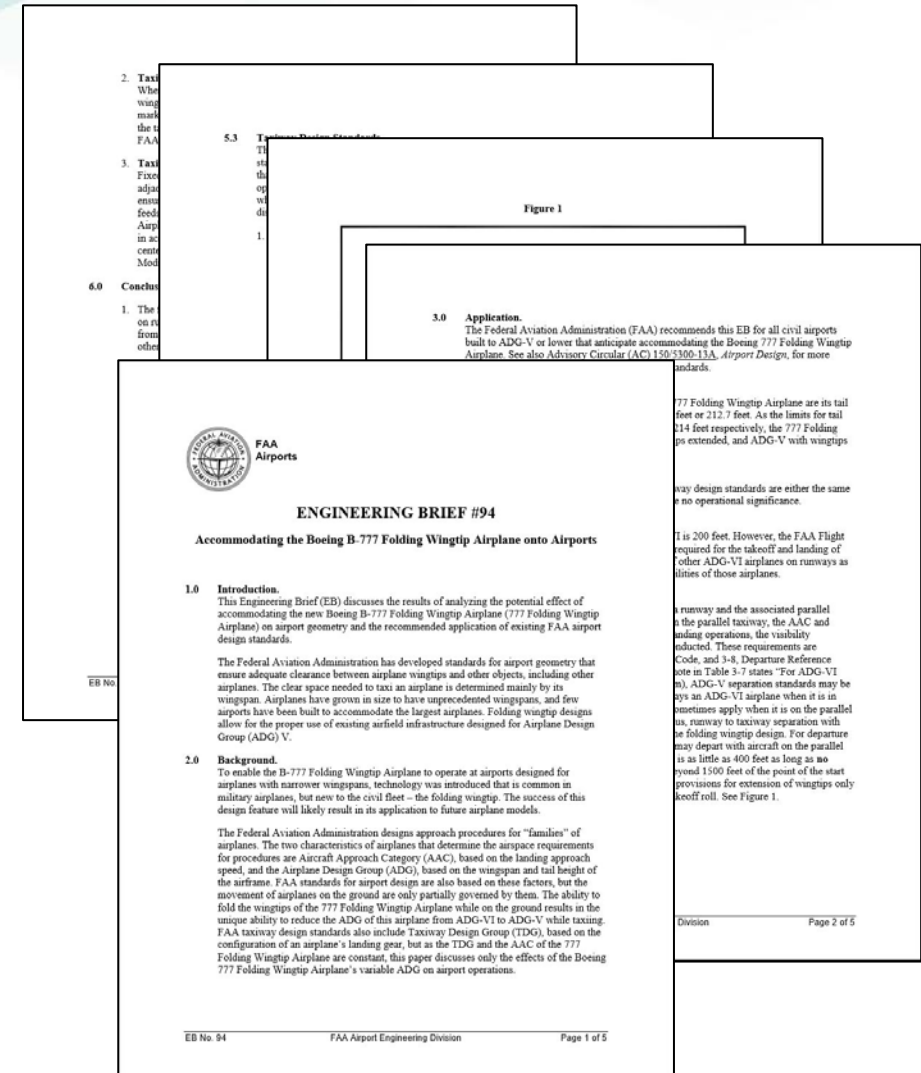
**FAA**  
Office of Airports

# Engineering Brief 94

Released April, 2018

Coordination with BACG/2

Not New Policy



# Runway Width Design

## ADG VI – 200 ft (60m)

- No Modification of Standard (MOS)

## ADG V – 150 ft (45m)

- MOS similar to EB 74A
- Flight Standards Determination – 45m Runway
- Operational Characteristics of 777-300ER



Photo by James Rowson



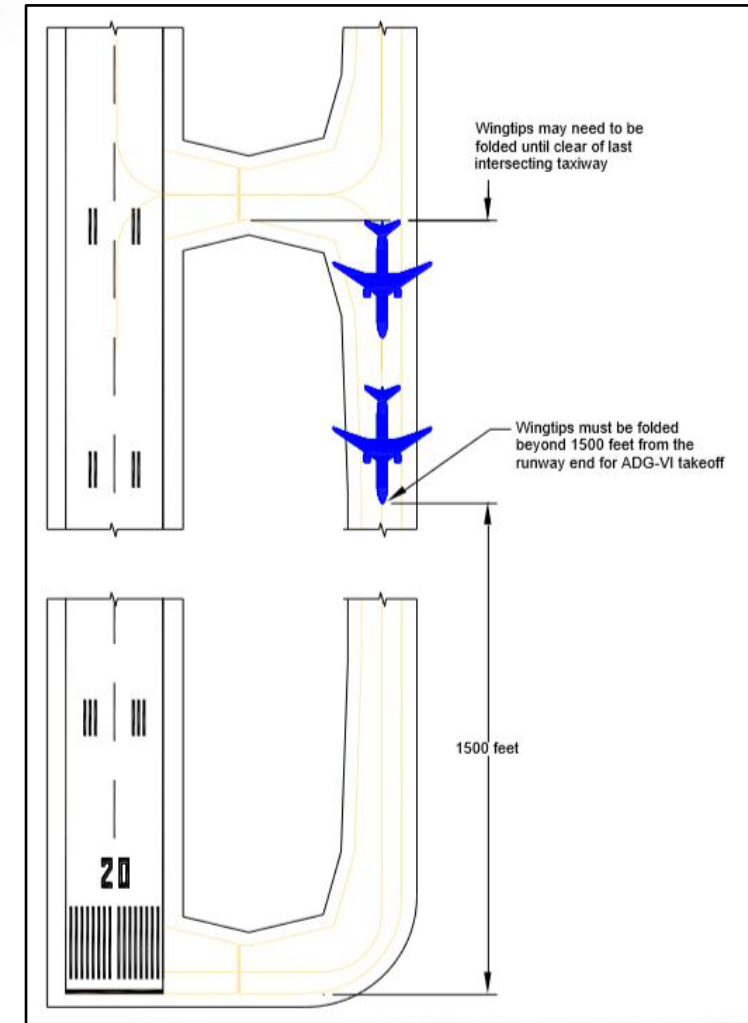
# Runway to Taxiway Separation

## ADG VI – 500 ft

- No Modification of Standard (MOS)

## ADG V – varies

- MOS – maybe, see Tables 3-7, 3-8
- Tail height < 66 ft
- Operational plan of users



# Taxiway to Taxiway/FOMO Separation

## ADG VI

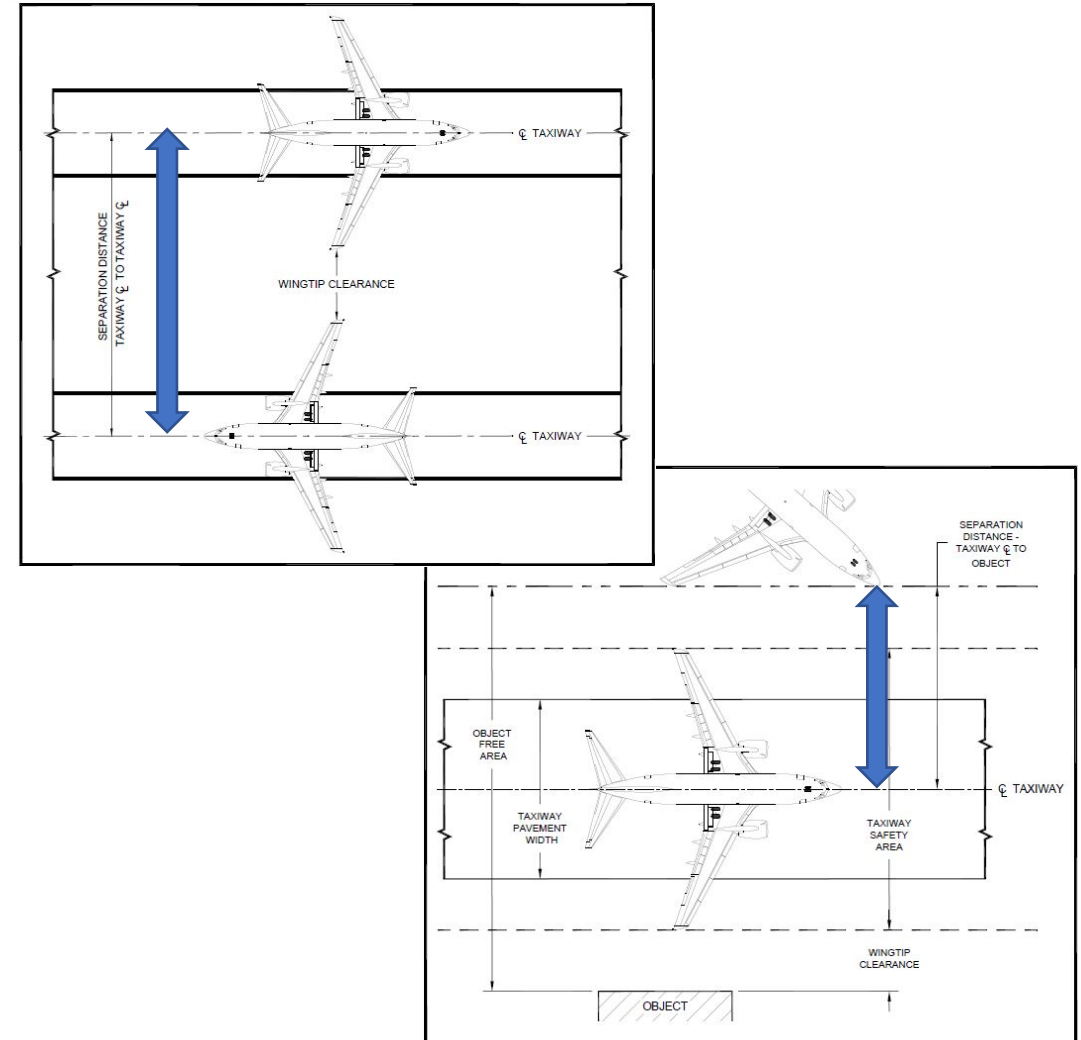
- No MOS

## ADG V

- No MOS
- Evaluate entrance taxiways

## ADG IV & smaller

- MOS, operationally mitigate



# Summary

## Minimal runway operational effects

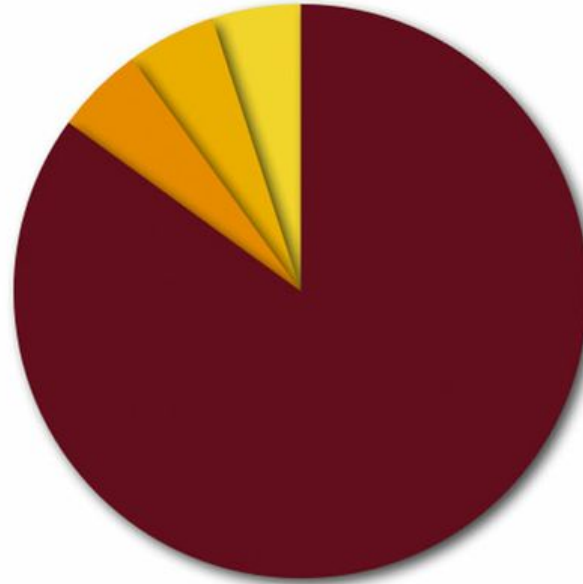
- Within 1500' of departure point

## Taxiway Operations

- Similar to existing ADG V
- **Coordinate with aircraft operators**

# Questions?

## REASONS WHY YOU WANT TO BE AN ENGINEER



- So I'm able to say "Trust me, I'm an engineer"
- You want to save the world
- You want to have a meaningful job and high pay
- You want to build the Iron Man suit