

CLT Airport Community Roundtable

DRAFT Slate of Recommendations for Analysis – 2/20/19

Need for Slate of Recommendations

FAA preference for evaluating multiple recommendations concurrently to:

- ❖ More efficiently assess effects and changes required
- ❖ Reduce the risk that recommendations would conflict with prior submitted recommendations
- ❖ Determine **combined** effect and changes required if implementing some/all recommendations.

Purpose of HMMH Analysis of Slate prior to Submittal to FAA

- ❖ **More fully understand** the potential effects of potential **individual recommendations** (for example, NSEW, full year, etc.)
- ❖ Understand **collective effect of various groups** of recommendations if they were to be implemented concurrently
- ❖ Understand **who and what locations** would be affected by changes
- ❖ Determine which recommendations would **help ACR achieve its Goals**.

Potential Recommendations for Slate to be Analyzed by HMMH

- 1) Altitude-based Turns (3500'; From N and S)
 - a) Requests: 53, 57
 - b) Related Motions: 00-18, 04-18, 05-18
- 2) Divergent Departure Headings (From N and S)
 - a) Requests: 42, 54
 - b) Related Motions: 04-18, 05-18
- 3) Departure Profiles (Standard, NADP-1, NADP-2)
 - a) Requests: 37, 38, 55, 58
- 4) Alternating Arrival Rails (NSEW)
 - a) Requests: 43, 48, 49, 56
- 5) On South Departures, delay Turns off 18L (East) and 18C (West)
 - a) Request: 40
 - b) Related Motions: 00-18, 04-18
- 6) On South Departures, change heading at first turns off 18L (East) and 18C (West)
 - a) Request: 41
 - b) Related Motions: 04-18

Additional Considerations for Slate (from Requests)

ID	REQUESTED BY	DATE OF REQUEST	TITLE	NOTES AND NEXT STEPS
42	ACR	7/18/2018	Analyze Viability/Benefit of Multiple Headings on South Departures	Being tabled since evaluation of South Departures underway relating to Motion 05-18 considering multiple RNAV routes and Altitude-based Turns. HMMH analyzed the feasibility of multiple Runway 18L and 18C departure headings as part of the divergent heading analyses presented at the 2018 December ACR meeting.

Additional Considerations for Slate (from Motions)

ACR DATE	Motion #	MOTION	DESCRIPTION	RESULT/NEXT STEP
8/15/2018	05-18	Request to study multi-path RNAV departures routes to the Southwest	Look at modifying existing flight routes to the southwest to allow for greater dispersion. Look at multiple RNAVs, altitude-based dispersion, etc.	HMMH provided details on multiple path RNAV departures at the 2018 September ACR meeting as well as discussed other methods of dispersing departures as part of the altitude-based turn and divergent heading analyses presented at the 2018 September, October, and December ACR meetings.