

NEXTGEN Prep-Homework

Read document “FAA response to rtca task force recommendations” available at http://www.faa.gov/nextgen/media/FAA_TASKFORCE_RESPONSE_1-31-2010.pdf, and answer the following questions. Short answers preferred.

1) List the 10 “operational areas” targeted by NextGen:

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____
- g. _____
- h. _____
- i. _____
- j. _____

2) Identify the two “operational areas” that are “overarching”. What does “overarching” mean?

3) “consistently achieve 3 and 5 mile separation”

- a. What are operational errors?

- b. What changes were instituted to “consistently achieve 3 and 5 mile separation”

4) Incentivizing Equipage

- a. Why is “equipage” important? What happens/does not happen when an aircraft is not equipped?
- b. What are the operational implications of “best-equipped/best-served”?
- c. Why is “best-equipped/best-served” not acceptable to some elements of the aviation community?
- d. What function will “Data-Comm” perform?
- e. What equipage is required for “Data-Comm”?
- f. What operational function will “Automatic Dependent Surveillance - Broadcast (ADS-B)” provide?
- g. What equipage is required for Automatic Dependent Surveillance - Broadcast (ADS-B)

NAME: _____

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5) What are goals for “Surface” operational area? What are the plans to achieve goals?

6) What are goals for “Runway Access” operational area? What are the plans to achieve goals?

7) What are goals for “metroplex” operational area? What are the plans to achieve goals?