

The American Airlines CR Smith Museum

Scavenger Hunt

1934 – 1945

1. What famous airship did American offer connection services to in Lakehurst, New Jersey?

1946 – 1958

2. What does JATO stand for?

City Codes

3. Match the 3 letter codes with their destinations:

| | |
|-----|-------|
| SLC | _____ |
| DFW | _____ |
| PHX | _____ |
| SFO | _____ |
| MSY | _____ |

Cargo

4. What was one of the first practical uses for airplanes?
5. How did AA streamline loading and unloading the big jets?
6. What was the cargo load and range of the AA 747-123F?

1959 – 1970

7. What “box” helped reduce costs and make loading and shipping cargo more efficient?
(Hint – this was the **first** box used for this)

In the Air

8. On which AA Jet aircraft was a flight engineer required?
9. Name the two basic types of cockpit flight instruments.

1971 – 1982

10. What wide-body jet was used to transport NASA’s space shuttle?

Maintaining the Fleet

11. The Boeing 707 engines were manufactured by Pratt & Whitney. How many engines did the Boeing 707 have?

12. The power of a jet engine is called thrust. What is the thrust of a jet engine on a 707?

13. What is the name of the company that manufactures jet engines for Boeing 767?

14. What is the take-off thrust of a jet engine on a 767?

1983 – 1994

15. Between 1983 and 1994, what new aircraft did American gain?

1995 – Present

16. What team is specially trained to help passengers, crew members and their families if any crucial need/emergency arises?

Inner Circle Vision to Reality Inset Cabinet

17. Before the *Flagship Knoxville* was restored and brought to the museum, what had it been used as?

18. In what year did the CR Smith Museum open?

19. What group of people does the museum consider are “the best of the best?”

Flight Lab

20. What 3 key features does a bird have that allow it to fly?

21. What 4 forces affect every airplane in flight?

DC-3

22. What is the name of the DC-3 airplane on display?

23. How many passengers could the DC-3 carry?

2008 Scavenger Hunt Answer Sheet

1. Hindenburg
2. Jet Assisted Take-Off
3. Salt Lake City, Utah
Dallas/Fort Worth, Texas
Phoenix, Arizona
San Francisco, California
New Orleans, Louisiana
4. carry Airmail
5. AA engineers developed the “Astroloder” and the “Igloo”
6. Load: 221,000 pounds; Range: 6,000 miles
7. Paul Bunyan Box
8. DC-10 and Boeing 727
9. electromechanical instruments and computer screens “glass cockpit”
10. Boeing 747
11. four
12. 13,500 pounds
13. General Electric
14. 61,500 pounds
15. MD-80, MD-11, Boeing 767-323ER, A300-600R, Fokker 100
16. CARE = Customer Assistance Relief Effort
17. mosquito sprayer
18. 1993
19. Volunteers
20. light hollow bones, efficient lungs, feathers
21. lift, thrust, weight, drag
22. *Flagship Knoxville*
23. 21