1) December 17, 1903 marks an important date in aviation history. What happened on this day in 1903?

2) Which American president signed the bill that created NASA? For what is NASA an acronym, and when did it begin operations?

3) How many female astronauts have come from the state of Ohio? ________

4) John Glenn became the first American to accomplish what?

5) How many flight hours were needed to become an astronaut in 1959? ______________

6) Name two objectives for these NASA’s manned space flight programs:
   Mercury: 1) ____________________________ 2) ____________________________
   Gemini: 1) ____________________________ 2) ____________________________
7) What was the highlight of the Gemini VIII mission?

8) Before sending a manned mission to the Moon, NASA designed three series of probes to explore its surface. Name them:

9) Name one of the factors that made planning space missions in the Soviet Union difficult:

10) This device controls the thrust of the lunar module’s descent engine:

11) The Apollo spacesuit weighs 190 lbs on Earth. How much does it weigh on the Moon?

12) Who invented the heat shield tiles for the shuttle?

13) In 1959, astronauts couldn’t be taller than 5’11”. How tall can shuttle astronauts be?

14) This material, which has been used in spacecraft, has also been used to make tennis racquets, golf clubs and javelins:

15) Who said this: “Astronauts don’t have to be either very feminine or very masculine women, or very superhuman males, or any other color or anything. It’s about people in space.”?