Rank: \_\_\_\_\_ Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mandatory Training Day Make-Up

Level – 1 Aerospace

PO 240 – Participate in Aerospace Activities

1. What is a current advancement in aerospace technology that has impacted Earth today?
2. What advancement in aerospace technology is of most interest to you and why?
3. What is a current technology item in use today designed by the Canadian Space Agency?
4. What is one of the biggest challenges with space technology?
5. What is the strangest condition an astronaut experiences in space?
6. What do many astronauts suffer from for the first few days or weeks in space?
7. When people use spoken language to communicate, what other things do people do besides listening, to understand what is being said?
8. What is the percentage of understanding gained through non-verbal communication?
9. Does this percentage surprise you? Why or why not?
10. What is a gesture?
11. What is the gesture for anger?
12. Can you think of another gesture that has not been mentioned, that people use and what does it mean?
13. While in space, what do shuttle astronauts use to communicate with their colleagues inside the shuttle cabin?
14. What allows hands-free radio communication while wearing a spacesuit?
15. What must astronauts do during two-way radio communication failure?
16. How do engineers group parts of rockets and why?
17. What rocket parts make up the structure system?
18. What are the systems in a rocket?
19. What is a GPS?
20. How accurate is a GPS?
21. How are GPS satellites powered?
22. What does a GPS tell the user?
23. Does a GPS tell the user the direction of travel at slow speeds?
24. What extra features can be found on some GPS models?
25. What is the common name for the star Polaris?
26. How far is the distance from Dubhe to Polaris?
27. What letter should Cassiopeia be viewed as when determining direction?