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

Mandatory Training Day Make-Up

Level – 3 Aircraft Maintenance

**PO 370 – RECOGNIZE ASPECTS OF AIRCRAFT MANUFACTURING AND MAINTENANCE**

1. What is the pitot static system used for?
2. How is static pressure change delivered to the instruments?
3. Which instrument measures pitot (impact) pressure?
4. What does an airspeed indicator measure?
5. What does a vertical speed indicator measure?
6. What does an altimeter measure?
7. Which flight instrument measures pitot, or impact pressure?
8. Why are pitot tube covers used?
9. What is the difference between a pitot tube and a pitot-static tube?
10. When does a pilot perform an inspection of the aircraft?
11. When does an AME perform an inspection of the aircraft?
12. What is an ELT?
13. What is used to guide a cockpit check?
14. Why is it important to be vigilant after maintenance, painting or a modification job has been performed on the airplane?
15. Why position the aircraft into the wind when running up the engine(s)?
16. When can a C of A be issued?
17. How often must an AAIR be submitted?
18. Who approves a maintenance schedule?
19. When does a pilot perform an inspection of the aircraft?
20. What is used to guide a cockpit check?
21. What requires an aircraft to carry its C of A on every flight?
22. What does the acronym CARs mean in Canadian aviation?
23. What does the acronym AME mean in Canadian aviation?
24. Who must sign a maintenance release?
25. Who must sign a maintenance release?
26. What tasks may be performed on an aircraft without a maintenance release?
27. How many specific tasks has TC designated as elementary work?
28. Why has wood been used less for modern aircraft?
29. What species is the preferred reference wood for aircraft construction?
30. What is laminated wood?
31. What type of glass is used in fibreglass strands?
32. What is best known aramid material?
33. What method is used to stiffen carbon fibre materials?
34. Why is pure aluminum unsuitable for use in aircraft components?
35. What three characteristics make titanium useful for aircraft components?
36. What two metals are mixed with steel to make stainless steel?
37. What species is the reference wood for aircraft construction?
38. What is the name used to commonly identify aramid material?
39. What two metals are mixed with steel to make stainless steel?
40. Why are there many different styles of drills?
41. What is a reciprocating saw used for?
42. What materials can a disk sander be used for?
43. What are scroll shears used for?
44. What is another name for a cornice break?
45. What are two tools used to make components with compound curves?
46. What tool places most aircraft rivets?
47. What tool is fastest and produces the best rivet shapes?
48. How did the bucking bar get its name?