

# S-TEC Auto Pilot Ground and Aspen PFD Review.

Pilot \_\_\_\_\_ Date \_\_\_\_\_

1. What model Auto pilot is installed N318G? \_\_\_\_\_
2. What is the main difference between model 40 and 50? \_\_\_\_\_
3. How do you test/turn on the Autopilot? \_\_\_\_\_
4. What should you see when the AP test is complete? \_\_\_\_\_
5. How is altitude hold engaged? \_\_\_\_\_
6. How is altitude hold disengaged? \_\_\_\_\_
7. What is the preflight check procedure for the A/P? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. Where is the PFD On/Off switch located? \_\_\_\_\_
9. What can you select with the left PFD knob? \_\_\_\_\_
10. What can you select with the right PFD knob? \_\_\_\_\_
11. How is a Target air speed set on the Aspen speed tape? \_\_\_\_\_
12. What happens when you "push to sync" the right PFD knob in HDG mode/ALT mode/Baro mode? \_\_\_\_\_  
\_\_\_\_\_
13. When can you change the brightness of the PFD screen and which Knob is used? \_\_\_\_\_
14. How do you select 360 or Arc Nav Depictions? \_\_\_\_\_
15. How do you declutter 360 and Arc Depictions? \_\_\_\_\_
16. How do you set range on Auto? \_\_\_\_\_
17. How do you set the CRS on "Auto", so that it will advance to the next waypoint in your flight plan as you proceed on your flight? \_\_\_\_\_
18. How do you set the Altitude in the top right window of the PDF? \_\_\_\_\_
19. To prepare for takeoff, how do you set an assigned heading? \_\_\_\_\_
20. After take off, how do you set the AP to capture an assigned heading? \_\_\_\_\_

21. When cleared on course, how do you set the PDF and AP to begin Nav? \_\_\_\_\_
22. If you get a "Check Pitot Heat" warning on the PDF, what do you do? \_\_\_\_\_
23. Can you see the VSI tape in the ARC nav mode? \_\_\_\_\_
24. If you see the white Rate of Turn band at the top of the compass rose, what does it tell you? \_\_\_\_\_
25. How do you set up and activate an ILS Approach, using GPS, PFD, And AP? \_\_\_\_\_
26. Where is the glide slope indicator shown? \_\_\_\_\_
27. What does a hollow glide slope diamond indicate? \_\_\_\_\_
28. How is MDA set? \_\_\_\_\_
29. What info is normally shown on the data bar? \_\_\_\_\_
30. How do you check PFD battery status? \_\_\_\_\_
31. How long can you expect the PFD standby battery to last with a Alt power failure? \_\_\_\_\_
32. For shutdown, how and when do you turn off the AP and PFD? \_\_\_\_\_