Assignment 03

The data file for computing the assignment has been uploaded. If you have not downloaded it, please do so now.

1. Given the condition of taxi... (for a large aircraft)

2. The pitching moment coefficient $C_{\beta}$ vs. angle of attack for a large aircraft can be seen in Figure A. The lift coefficient $C_L$ is shown in Figure B. The drag coefficient $C_D$ is shown in Figure C. The pitching moment coefficient $C_{\beta}$ is shown in Figure D.

3. The climb angle of the aircraft in degrees will be... (for an aircraft)

4. The climb angle of the aircraft in kilometers will be... (for an aircraft)

5. The climb angle of the aircraft in hours will be... (for an aircraft)

6. The climb angle of the aircraft in revolutions will be... (for an aircraft)

7. The climb angle of the aircraft in radians will be... (for an aircraft)

8. The climb angle of the aircraft in degrees will be... (for an aircraft)

9. The climb angle of the aircraft in radians will be... (for an aircraft)

10. The climb angle of the aircraft in meters will be... (for an aircraft)

11. The climb angle of the aircraft in kilometers will be... (for an aircraft)

12. The climb angle of the aircraft in revolutions will be... (for an aircraft)

13. The climb angle of the aircraft in radians will be... (for an aircraft)

14. The climb angle of the aircraft in degrees will be... (for an aircraft)

15. The climb angle of the aircraft in radians will be... (for an aircraft)

16. The climb angle of the aircraft in meters will be... (for an aircraft)

17. The climb angle of the aircraft in kilometers will be... (for an aircraft)

18. The climb angle of the aircraft in revolutions will be... (for an aircraft)

19. The climb angle of the aircraft in radians will be... (for an aircraft)

20. The climb angle of the aircraft in degrees will be... (for an aircraft)

21. The climb angle of the aircraft in radians will be... (for an aircraft)

22. The climb angle of the aircraft in meters will be... (for an aircraft)

23. The climb angle of the aircraft in kilometers will be... (for an aircraft)

24. The climb angle of the aircraft in revolutions will be... (for an aircraft)

25. The climb angle of the aircraft in radians will be... (for an aircraft)

26. The climb angle of the aircraft in degrees will be... (for an aircraft)

27. The climb angle of the aircraft in radians will be... (for an aircraft)

28. The climb angle of the aircraft in meters will be... (for an aircraft)

29. The climb angle of the aircraft in kilometers will be... (for an aircraft)

30. The climb angle of the aircraft in revolutions will be... (for an aircraft)

31. The climb angle of the aircraft in radians will be... (for an aircraft)

32. The climb angle of the aircraft in degrees will be... (for an aircraft)

33. The climb angle of the aircraft in radians will be... (for an aircraft)

34. The climb angle of the aircraft in meters will be... (for an aircraft)

35. The climb angle of the aircraft in kilometers will be... (for an aircraft)

36. The climb angle of the aircraft in revolutions will be... (for an aircraft)

37. The climb angle of the aircraft in radians will be... (for an aircraft)

38. The climb angle of the aircraft in degrees will be... (for an aircraft)

39. The climb angle of the aircraft in radians will be... (for an aircraft)

40. The climb angle of the aircraft in meters will be... (for an aircraft)

41. The climb angle of the aircraft in kilometers will be... (for an aircraft)

42. The climb angle of the aircraft in revolutions will be... (for an aircraft)

43. The climb angle of the aircraft in radians will be... (for an aircraft)

44. The climb angle of the aircraft in degrees will be... (for an aircraft)

45. The climb angle of the aircraft in radians will be... (for an aircraft)

46. The climb angle of the aircraft in meters will be... (for an aircraft)

47. The climb angle of the aircraft in kilometers will be... (for an aircraft)

48. The climb angle of the aircraft in revolutions will be... (for an aircraft)

49. The climb angle of the aircraft in radians will be... (for an aircraft)

50. The climb angle of the aircraft in degrees will be... (for an aircraft)