# Allen Osborne TurboRogue - How to upgrade firmware

376 Beth Bartel February 10, 2009 Allen Osborne 3156

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1. Stop receiver tracking:
    - In the Main Status Display scroll to 1 TRACK using the left arrow key
    - Press ENTER
    - In Tracking Dialog Box, choose Stop Track Now!
    - Press ENTER
    - Answer Yes to Really Stop Tracking Now?? with left arrow key
    - Press ENTER
    - Press ESC
    - There should be no satellites in top row of main status screen
2. Take out data flashcard from receiver and insert firmware upgrade flashcard
3. Make sure firmware upgrade flashcard has write protection off (white latch on flashcard end)
4. In the Main Status Display scroll to FLASH 4 using the right arrow key
5. Press ENTER
6. In FlashCard Dialog Box , choose Flash Control using down arrow key
7. Press ENTER
8. Scroll to Program using the left arrow key
9. Press ENTER
10. Choose Program using the left arrow key
11. Press ENTER, the upgrade will take a few minutes
12. When Flash Status says Copy Complete, press ESC

13. Remove firmware upgrade flashcard and reinsert data flashcard
14. Turn receiver off and back on again
15. Confirm Firmware version on front display (3.2.32.8, 1998/12/28)
16. Press ESC to return to Main Status Display and confirm receiver tracking
17. Return firmware upgrade flashcard to address below
18. Note day and time (UTC) of upgrade and receiver serial number in the return shipment

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