

Amateur Radio Crossword Puzzler

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February 15, 2007

Riding the Air Waves

Not the usual ham air waves...literally the air this time. Since your puzzle editor is currently on a plane, you get to join me! This week's puzzle tends to steer in the direction of all things airplane--some radio, some aviation, and the usual collection of oddballs. Fold down that tray table and see if you can finish before the captain starts your descent!

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Across

1. Sixth district (postal code)
3. RTTY tuning signal
5. Negative reply
7. Too much (slang abbr)
9. Software (abbr)
12. What planes travel through
14. Measure of battery energy
16. Air travel checkpoint
18. Bladed device that propels
20. Proper form of ain't
22. Divulge a secret
24. Leave the ground
27. Height above ground
29. Conduit material
30. Semiconductor junction
31. Worn to simulate darkness in a simulator
32. Doesn't work (abbr)
34. Documents the passing of an element
36. Find bearing to a transmitter (abbr)
38. Seat at the side of the plane
40. Female ham
41. Western contest
44. Round tin that held a famous QRP transmitter
47. The worst seat of three in a row
48. Canadian postal code for VE9
50. Natural form of silicon dioxide
52. The equator runs through it (SA prefix)
53. Where you embark or disembark
55. Battery-powered auto
56. Keeps volume constant

59. Radians in half a circle
60. Opposite of UD on a joystick
62. Improves strong-signal capability on Kenwood rigs
63. Formal notice of fine from FCC
64. Admit (slang)
66. Move to a runway
67. Opposite of 20 Across
69. Mississippi delta state (postal code)
71. Broadband technology
73. Radio mentor
75. Walk through this between the plane and terminal
77. Iron's chemical symbol
78. Light wood
79. Alternate form of transport to planes
80. Navigation station

Down

1. Limit or maximum
2. Frequency range used by pilots
4. Afghanistan prefix
6. Possess
7. Cartesian coordinates
8. Connections to a hub
9. Airplane drivers
10. After-dinner CW farewell
11. Has no contents (abbr)
13. Tip to the right or left
15. CW laugh
17. Service person in the air
19. Airplane trajectory
21. Production facility for audio-video

- 23.** Personal history (abbr)
- 25.** General term for EMI, RFI, TVI (abbr)
- 26.** Put gas in the plane
- 28.** Field control
- 30.** Two of something (abbr)
- 33.** Proceed
- 35.** The blue-ish color in a three-color system
- 37.** Your FCC ID
- 39.** Weight (abbr)
- 42.** Radars that look over the curve of the earth
- 43.** Non-stimulating coffee
- 45.** Put to work
- 46.** General name of navigation station
- 47.** Selected for communications
- 49.** Must be fastened securely before takeoff
- 51.** Shift in frequency due to velocity
- 53.** Satellite navigation system
- 54.** Seat easiest to get in and out of
- 57.** Wire size (abbr)
- 58.** Increase 27 Across
- 61.** Determines range and bearing by using radio pulses
- 65.** Electromagnetic (abbr)
- 68.** What a plane might ditch into
- 70.** The system that controls air travel
- 72.** Third Silicon Valley airport along with OAK and SJC
- 74.** Circuits that delay changes in current
- 75.** Ham prefix in Tokyo
- 76.** Original home of Boeing Aircraft Company (postal code)

