Across
1. The rear section that controls pitch
5. The force that pulls an aircraft toward the ground
6. With 14 Down
7. He discovered that every action has an equal and opposite reaction
8. An up and down movement of the wing tips
10. Wilbur & Orville
12. This speed is five times the speed of sound
13. Where the plane lands
14. He shattered the sound barrier
15. A vehicle that travels through the air
16. The rate of speed
17. The force that resists an aircraft’s motion through the air
19. The motion of an aircraft about its vertical axis
20. The sound of a supersonic shock wave
21. The force that moves an aircraft through the air
22. The science or art of flight

Down
2. The surface that aids in lifting or controlling an aircraft
3. The gas passes through its nozzle to produce thrust (2 wds)
4. Exhibitions of stunt flying and parachute jumping
9. Wilbur’s brother
11. The study of the motion of objects through the air and the reaction of the air
13. Where the plane lands
14. He shattered the sound barrier
18. A movable surface that controls the roll of the aircraft