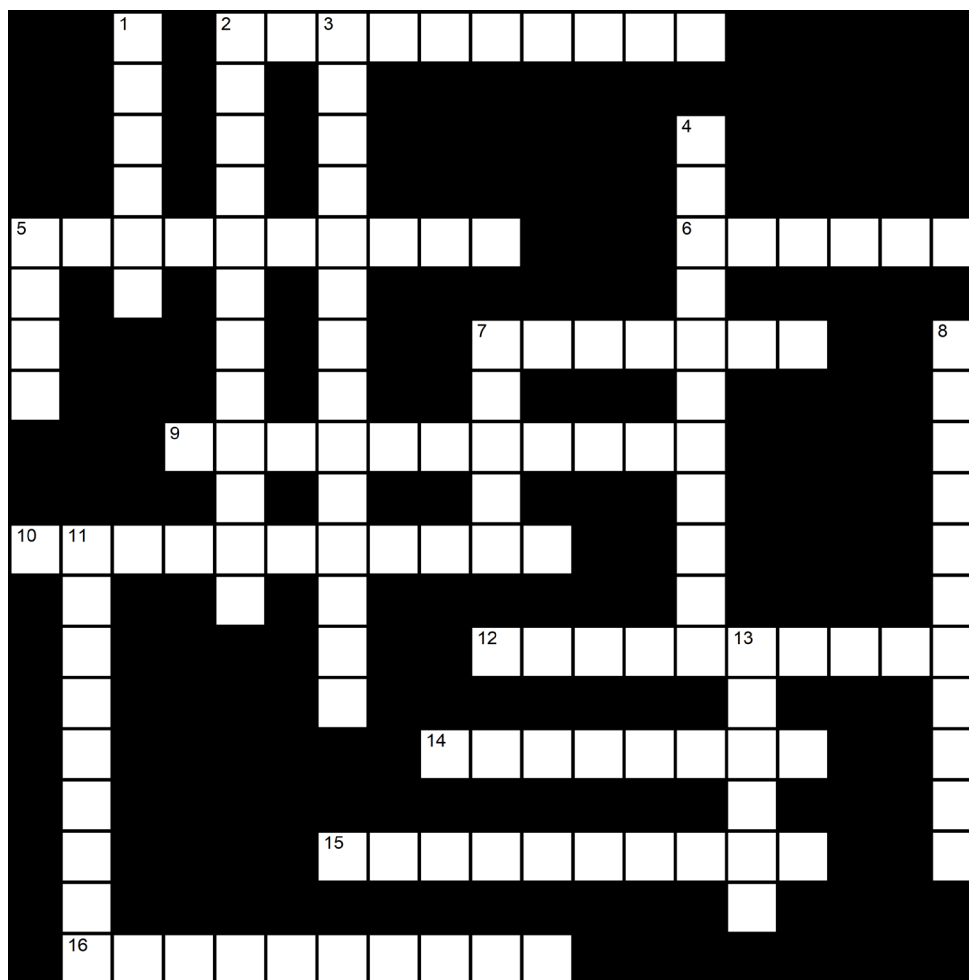


Crossword

By Lt. Col. Srihari Iyer K, Flight Surgeon, Indian Army, and Dr. Sahana Srihari, Assistant Professor, Dermatology, Adesh Institute of Medical Sciences and Research, Bathinda, Punjab, India



ACROSS

2. A _____ combustion ramjet is traditionally known as scramjet. (10)
5. _____ anthropometry are measured in working positions and take into account body movement and flexibility. (10)
6. A cockpit is generally designed around the _____ eye position. (6)
7. Pressure breathing without chest counterpressure will result in pressure breathing _____. (7)
9. One of the early findings of post-decompression collapse is an increase in the blood _____. (11)
10. _____ is the ability of Anthropomorphic Test Devices to duplicate the biomechanical responses of a human exposed to identical impact conditions. (11)
12. Oxygen paradox most probably occurs due to the combination of hypotension with _____. (10)
14. The H in SHELL model refers to _____. (8)
15. _____ disorientation can also be called force disorientation. (10)
16. If the brightness of an image in each eye differs by more than 10%, there is significant degradation of _____. (10)

DOWN

1. Automation is a tool to aid, not replace, the pilot is the philosophy of _____ aircraft manufacturer. (6)
2. _____ refers to a sensation of weight that is acting in a direction that is no longer vertical with respect to the earth. (12)
3. _____ is a method in which the body is photographed and the dimensions are measured. (14)
4. Rigid water immersion suits work on the principle of development of _____ pressure which opposes similar forces produced in the cardiovascular system. (11)
5. The negative-G strap is part of a _____ point harness. (4)
7. S in STOL aircraft stands for _____. (5)
8. True Airspeed is equivalent airspeed corrected for _____ and pressure altitude. (11)
11. Exposure to +Gz acceleration _____ plasma renin levels. (9)
13. Illusion of depth by depicting distant objects as paler, less detailed, and usually bluer than near objects is called as _____ perspective. (6)

The solution is on p. N31.