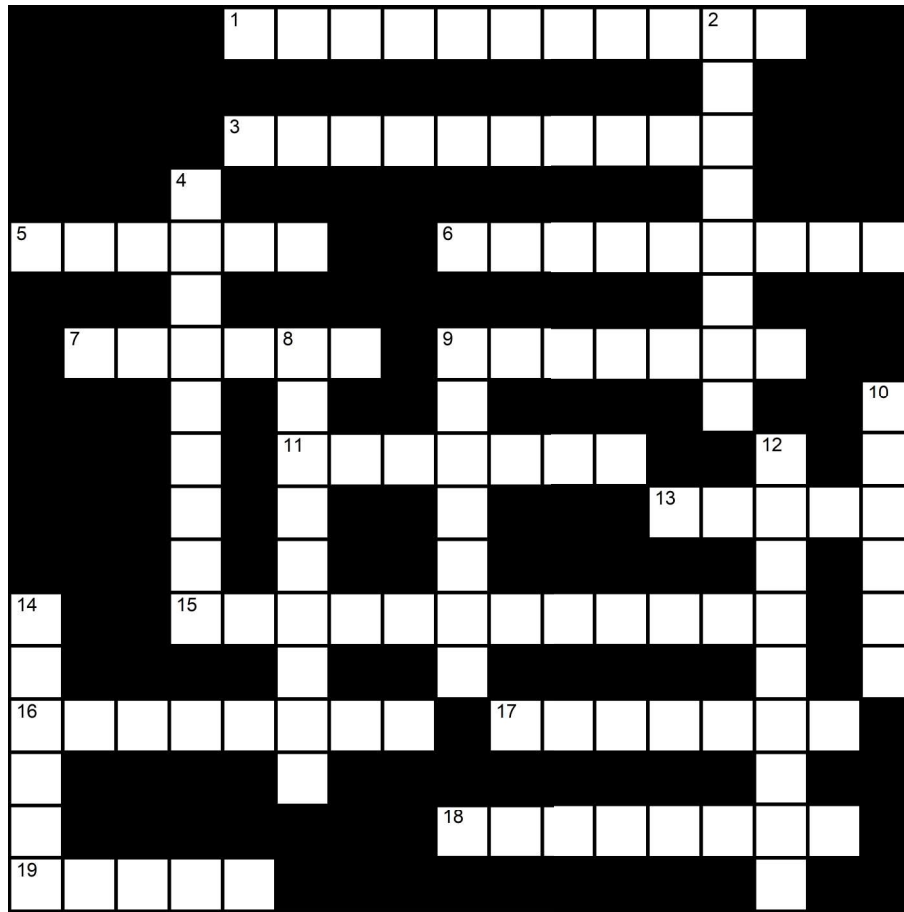


September Crossword Puzzle

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ACROSS

1. Exposure to 42,500 to 45,000 feet while on 100% Oxygen is _____ stage of hypoxia. (11)
3. Drop-down mask in _____ aircraft are automatically released when cabin altitude is between 10,000 - 14,000 ft. (10)
5. The commonest ejection related injury is known to occur during _____ phase of ejection. (6)
6. _____ Phenomenon was first described by Malcom and Money. (5,4)
7. _____ line is used to define the boundary between aeronautics and astronautics. (6)
9. 32.3°C is _____ zone as per FITS. (7)
11. _____ vision ranges from about 1 to 10⁻³ mL (7)
13. The capability of crew escape system was observed in _____ T-10A. (5)
15. Ozonosphere lies in _____ layer of the atmosphere. (12)
16. The _____ shift (or phenomenon) is the relatively greater brightness of blue or green light, compared with yellow or red light, upon shifting from photopic to scotopic adaptation. (8)
17. Illusions of self-motion occur when one perceives bodily motion despite no movement taking place is called _____ illusion. (7)

18. Cabin altitude which is controlled at a constant value over a range of aircraft altitudes is _____ pressurization schedule. (8)
19. Radiation from Sun reaches the earth within _____ minutes. (5)

DOWN

2. The first patent for an ejection system using compressed air is attributed to a British Railway Engineer Everard _____. (8)
4. Central Venous Pressure _____ immediately on entering microgravity. (9)
8. Ebullism is encountered at _____ limit. (9)
9. _____, London is the first airport to introduce Air Traffic Control. (7)
10. H in HACCP is _____. (6)
12. Space Associated Neuro-ocular Syndrome which is characterized by optic disc edema, choroidal thickening, cotton wool spots, and a _____ vision shift. (9)
14. _____ syndrome, includes lack of motivation to work or interact with others, drowsiness, fatigue, and the inability to concentrate as a result of Space Motion Sickness (6)

The solution is on p. N68 of this newsletter.