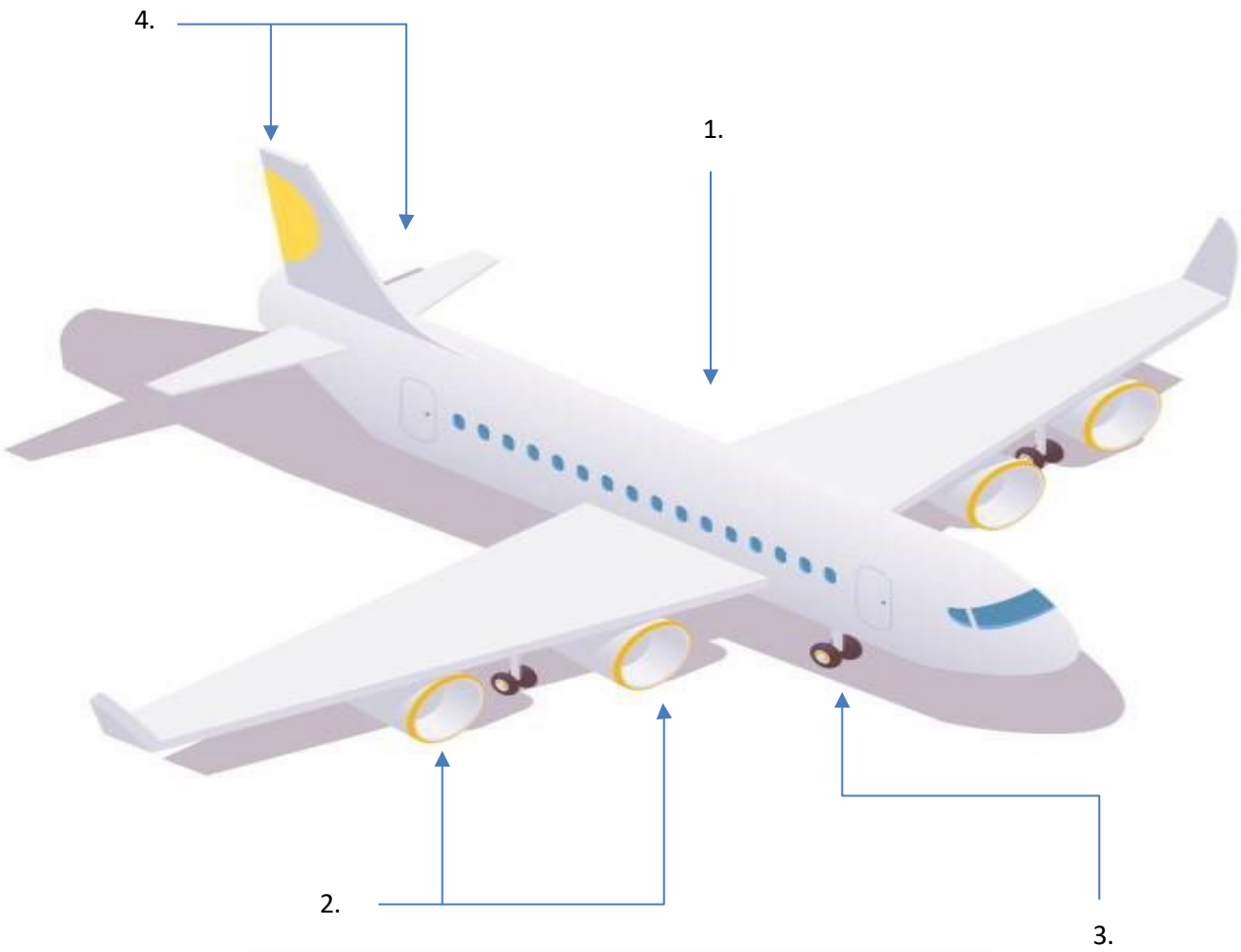
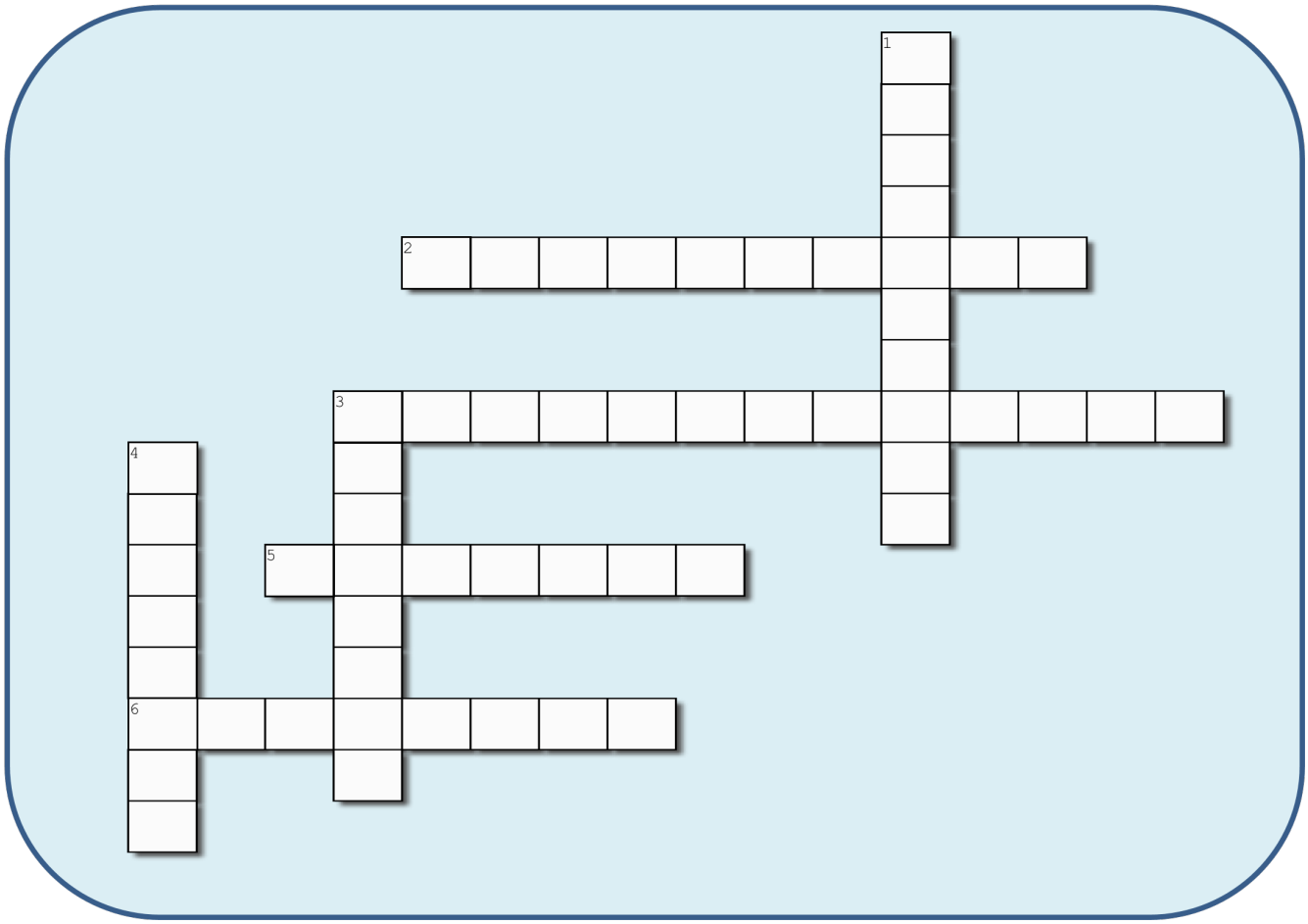
Aircraft Systems Label Game



Choices

Flight Controls
Airframe
Hydraulics / Landing Gear
Powerplant / Engine

AMT Crossword Activity



Across	Down
2. Another name for an aircraft engine is, which produces thrust to propel an aircraft.	1. This system is used on an aircraft to move landing gear, flaps, and brakes.
3. The aircraft conforms to its design and is in good condition for safe operation and flying.	3. The electronic systems used on aircraft, artificial satellites, and spacecraft.
5. The record of information about the work done during the maintenance.	4. The mechanical structures of an aircraft include wings, fuselage, and undercarriage.
6. An airplane, helicopter, or other machine that can fly through the air.	

AMT Tools Match Game

1._____ 	A. Magnet: Small metallic parts, fasteners, and tools can cause catastrophic failures if they make their way into moving cable assemblies or engines. Long and often extendable types of these tools are helpful in retrieving lost metallic items from hard-to-reach locations.
2._____ 	B. Metal Working Tools: Airframe technicians repair the actual metal structures of airplanes using these types of tools, which cut, bend, grind, and fasten metal. Workers also use fewer mobile versions of these tools such as electric band saws and sheet metal rollers.
3._____ 	C. Mirror: Aviation Maintenance Technicians don't always have a direct line of sight to the parts they are working on or inspecting. Sometimes using this simple tool is the only way for a technician to see what he or she is doing.
4._____ 	D. Speed Handle: This tool is basically a long screwdriver with the middle of its shaft offset. This part is used as a handle that a technician can spin very quickly with one hand while using his other hand (or entire body) for leverage. They can also be equipped with sockets.
5._____ 	E. Safety Wire Pliers: This tool helps spin strands of aluminum wire into a strong braid that is used to "tie" nuts and bolts together in such a way that any loosening of a nut or bolt (usually through vibration) would increase the toughness of the strand of safety wire and prevent any further loosening.
6._____ 	F. Torque Wrench: Screw-type fasteners on aircraft need to be installed to a specified torque or tightness. The only way to reliably tighten a screw, nut, or bolt to the correct torque is to use this calibrated tool.

Answer Key(s)

Activity Title	Answer	
Aircraft Systems Label Game	1. Airframe 2. Power Plant or Engine	3. Hydraulics including Landing Gear 4. Flight Controls including Rudder and Elevator
AMT Crossword Activity	Across: 2. Powerplant 3. Airworthiness 5. Logbook 6. Aircraft	Down: 1. Hydraulics 3. Avionics 4. Airframe
AMT Tools Match Game	1. D. Speed Handle 2. F. Torque Wrench 3. E. Safety Wire Pliers	4. B. Metal Working Tools 5. A. Magnet 6. C. Mirror