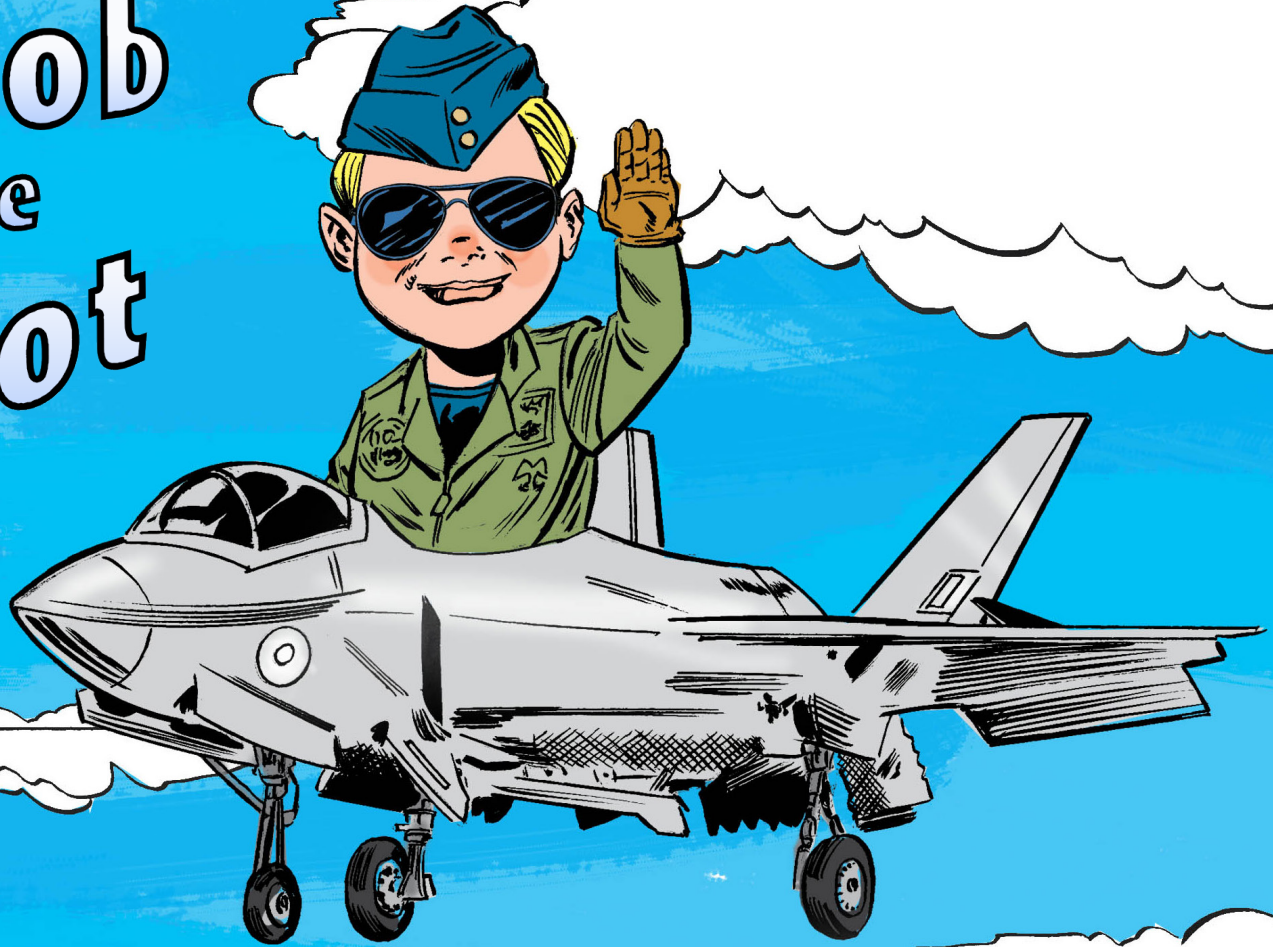


Jacob the Pilot



LOCKHEED MARTIN 

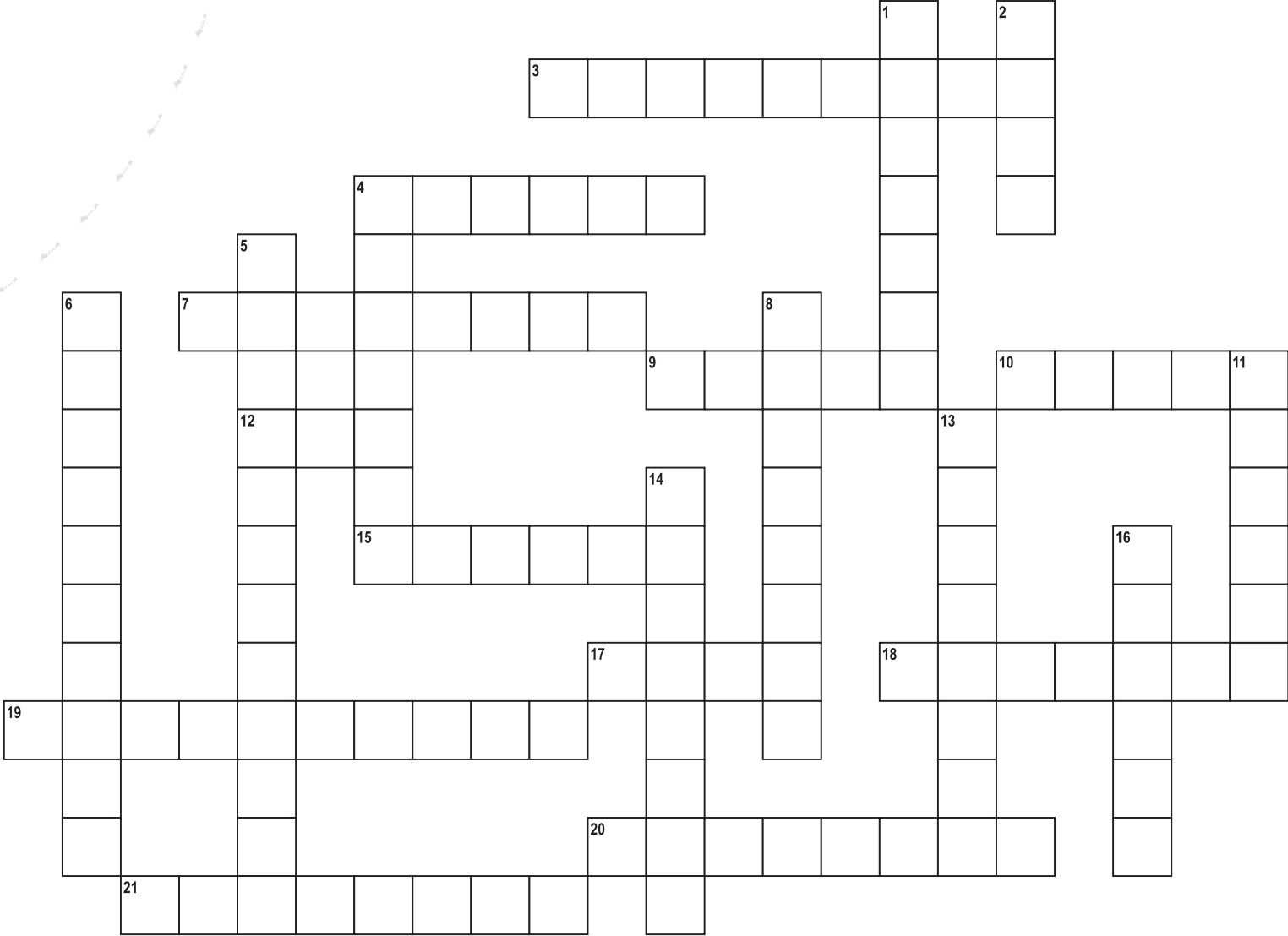
Find the Five Differences



Fun Aviation Facts

1. The two companies that came to be Lockheed Martin were both started in 1912, more than 100 years ago.
2. The top two American “aces” of all time both flew the Lockheed P-38 Lightning in World War II. To become an “ace,” a pilot had to shoot down five enemy aircraft during wartime.
3. In 1918, Loughhead Aircraft Manufacturing Company made its first military aircraft sale to the U.S. Navy.
4. Lockheed Martin Aeronautics has nine facilities in the United States. The three main facilities are in Texas, Georgia and California. The smaller facilities are in Florida, Mississippi, Pennsylvania, South Carolina and West Virginia.
5. The first operational stealth jet was the F-117 Nighthawk, developed in secrecy in Palmdale, California.
6. The Lockheed Martin Aeronautics headquarters are in Fort Worth, Texas, which is where the F-16 Fighting Falcon and F-35 Lightning II advanced fighters are built.
7. More than 4,300 F-16s have been built for 28 countries. Nearly 2,500 C-130s have been built and are flown by 70 countries.
8. Marietta, Georgia, is the home to the C-130J Super Hercules and the C-5M Super Galaxy transports. The F-22 Raptor fighters were built in Marietta.
9. The C-5M Super Galaxy can hold six Greyhound buses, an eight-lane bowling alley or 25 million ping-pong balls.
10. The runway at Naval Air Station Joint Reserve Base Fort Worth in Texas is 11,999 feet long. The runway at Dobbins Joint Air Reserve Base in Marietta, Georgia, is 10,000 feet long.
11. The C-130J production line is the longest, continuous active military assembly line in aviation history.
12. The 247-foot length of a C-5 is more than twice the distance the Wright Brothers covered in the first sustained, controlled, powered flight at Kitty Hawk, North Carolina, in 1903.
13. The F-35 Lightning II engine produces more than 40,000 pounds of thrust.
14. The T-50 Golden Eagle multirole trainer jet provides advanced training systems that bridge the gap between basic flight training and high performance fighters like the F-22 Raptor and the F-35 Lightning II.
15. The U-2 Dragon Lady climbs through all weather to an altitude higher than 70,000 feet above the Earth. At this height, the Dragon Lady can look deep into enemy territory without being seen.
16. The P-3 Orion is flown by 21 operators in 16 countries. The Orion, named for a constellation in the night sky, supports missions over the water for more than 12 hours at a time.
17. The U-2’s nickname, Dragon Lady, comes from a 1950s-era newspaper comic strip.
18. The SR-71 Blackbird still holds the world record for fastest speed and highest altitude by an aircraft flown by a pilot.

Crossword Puzzle



Down

1. The pilot flies the plane from the _____.
2. The symbol of the Lockheed Martin logo is a _____.
4. Planes _____ from the runway.
5. The people in the _____ direct takeoffs and landings.
6. Advanced Development Programs is also called the _____.
8. The _____ is how high a plane is flying.
11. The F-22 is also known as the _____.
13. The structure of the aircraft is called the _____.
14. An _____ designs aircraft.
16. Planes land on a _____.

Across

3. The C-130J Super Hercules and C-5M Super Galaxy are both _____ airplanes.
4. Forward force is called _____.
7. _____ Martin Aeronautics builds aircraft.
9. A _____ flies the aircraft.
10. _____ waves are used for detecting objects.
12. The F-35 Lightning II was named after _____ historic aircraft.
15. The Fighting _____ is the nickname of the F-16.
17. Air in motion is called _____.
18. The T-50 is a _____ aircraft.
19. The nickname for the U-2 is the _____.
20. Super _____ is the nickname of the C-130J.
21. The P-3 Orion is a _____ patrol aircraft.

Choose From These Words

Airframe

Dragon Lady

Lockheed

Raptor

Take Off

Two

Altitude

Engineer

Maritime

Runway

Thrust

Wind

Cockpit

Falcon

Pilot

Skunk Works®

Trainer

Control Tower

Hercules

Radar

Star

Transport

Word Scramble

1. C O R E D M L H K E T I A N

2. E N R O U T I A C S A

3. G I W N

4. G R E E N I N E

5. H I F T G L

6. L O P I T

7. N T G G L N I H I

8. P R A E I N A L

9. U K K N S

10. Y A W N U R



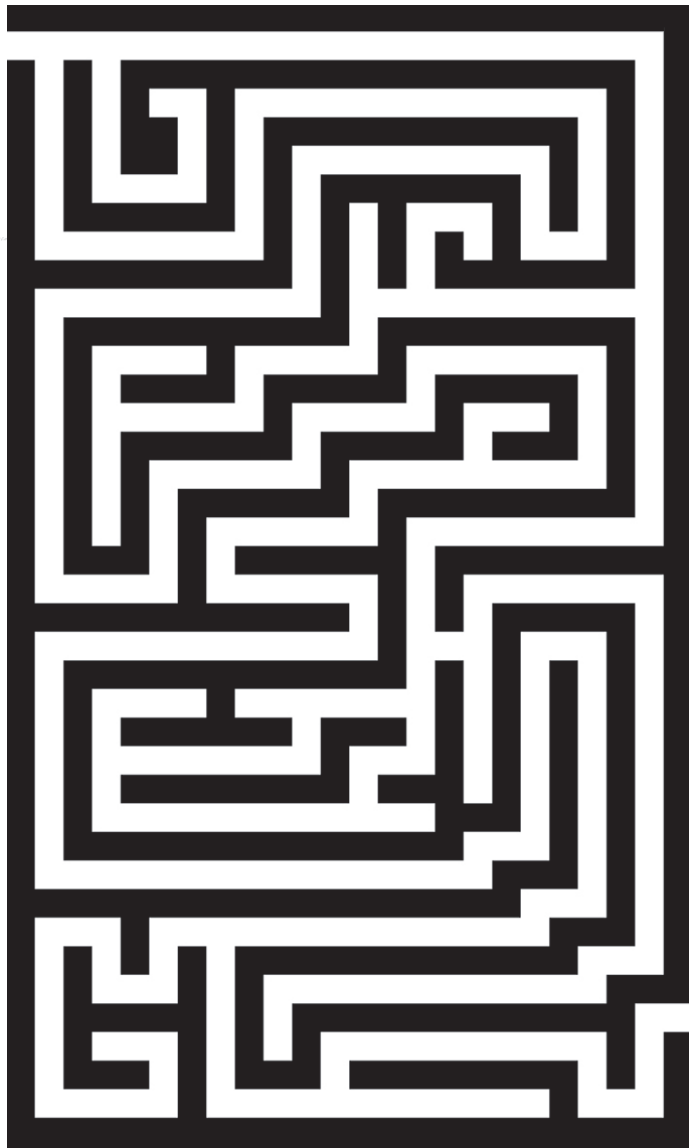
Word Find

- Airplane
- California
- Cargo
- Commitment
- Community
- Customer
- Dedication
- Employees
- Ethics
- Family
- Fighter Jet
- Georgia
- Lockheed Martin
- Patriotism
- Pilot
- Quality
- Safety
- Stealth
- Texas

Q I G E O R G I A Y T I L A U Q
A U C A L I O R N I E F L Y U I
T E X A S O G E T H J I C A S X
E T F L E A R N M O R E U L T E
A H N O I T A C I D E D S O E Y
L I O I A T C A J E T E T C L T
O C R E T E I R N I H M O I T E
C S I P L R U C O E G P M H N F
K E T I P O A O P M I A E E T A
H M E L T L S M E A F I R E N S
E P A O E I A M D E T R O D E X
E N U T P M O U I E T N E M M O
E C O M M I T N E S E I T A T S
P A T R I O T I S M O H I R I A
L O C K H E E T M A R Q K T M F
I N E M P L O Y E E S U S C M E
H T L A E T S E J E T A A N O T
P C A R G A I N R O F I L A C L



Maze

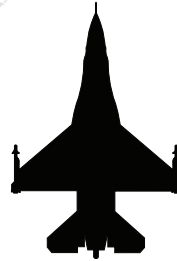


Match the Planes With the Names

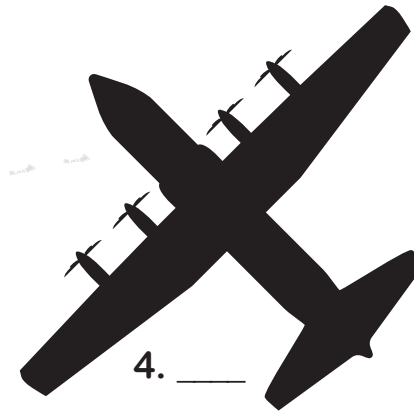
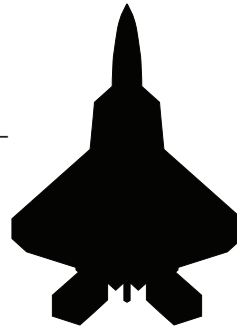
1. _____



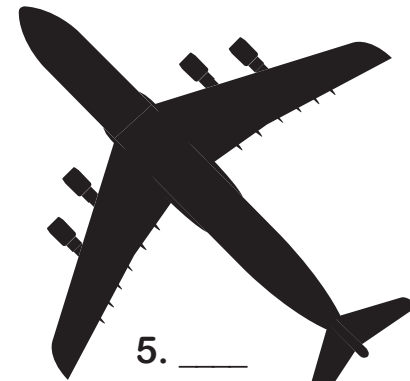
2. _____



3. _____

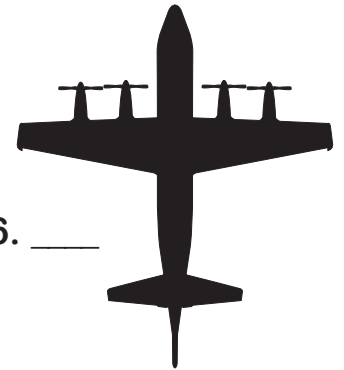


4. _____

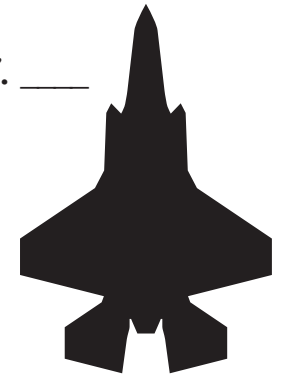


5. _____

6. _____



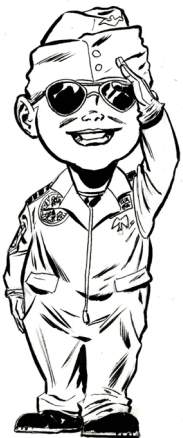
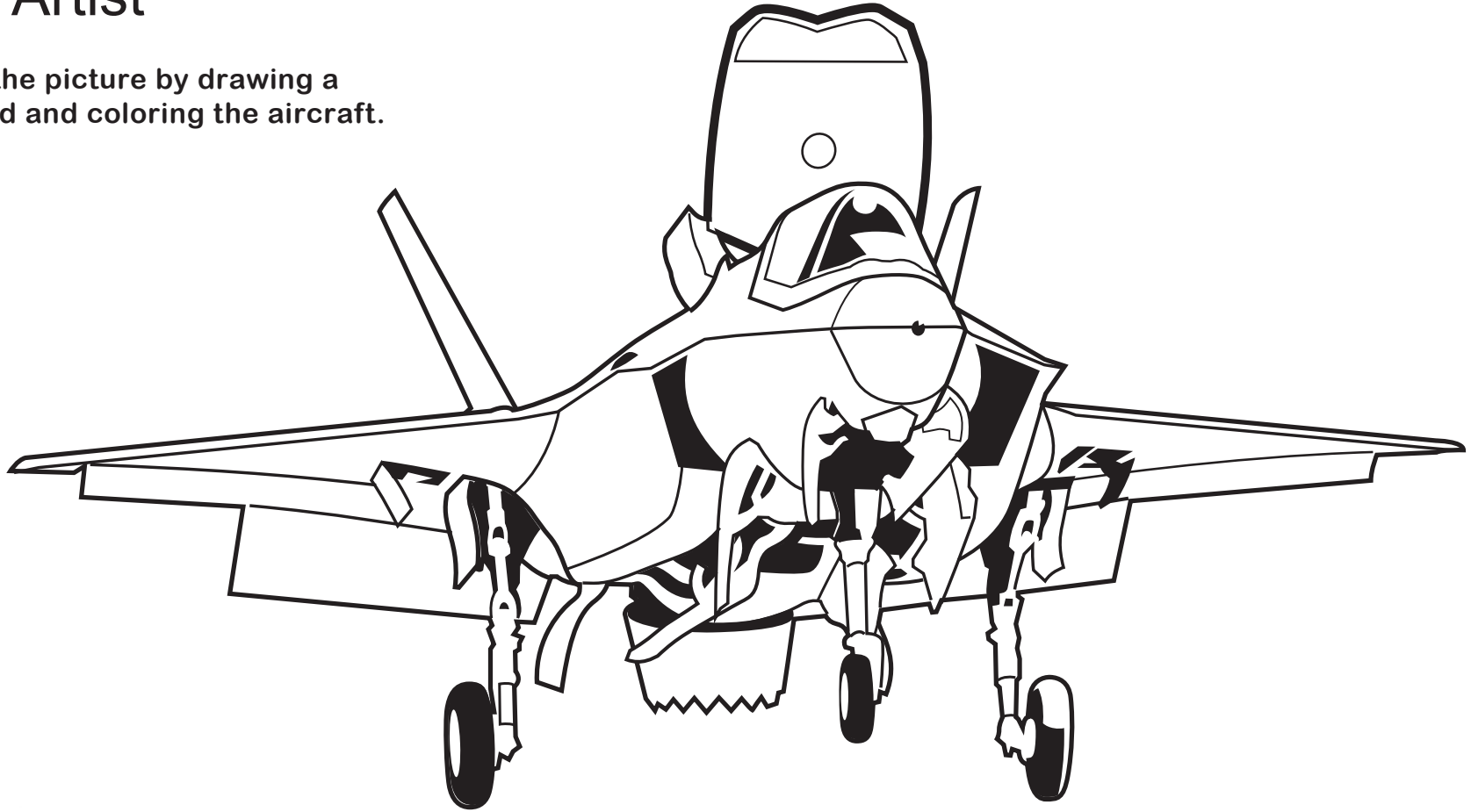
7. _____



a. F-16, b. P-3, c. C-5, d. F-35, e. F-22, f. C-130J, g. F-117

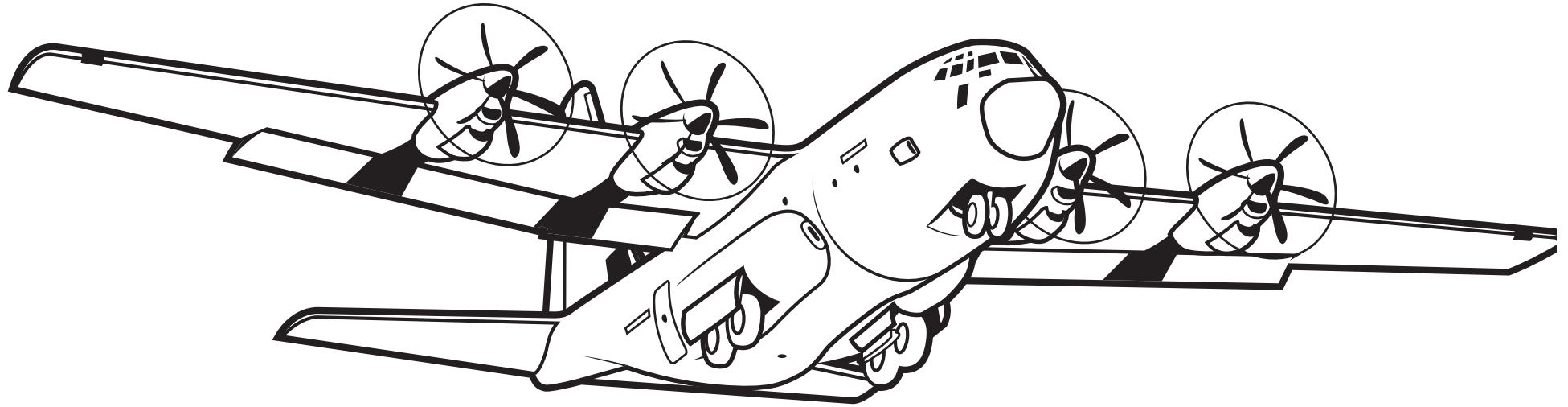
Be an Artist

Complete the picture by drawing a background and coloring the aircraft.



F-35 Lightning II

C-130J Super Hercules

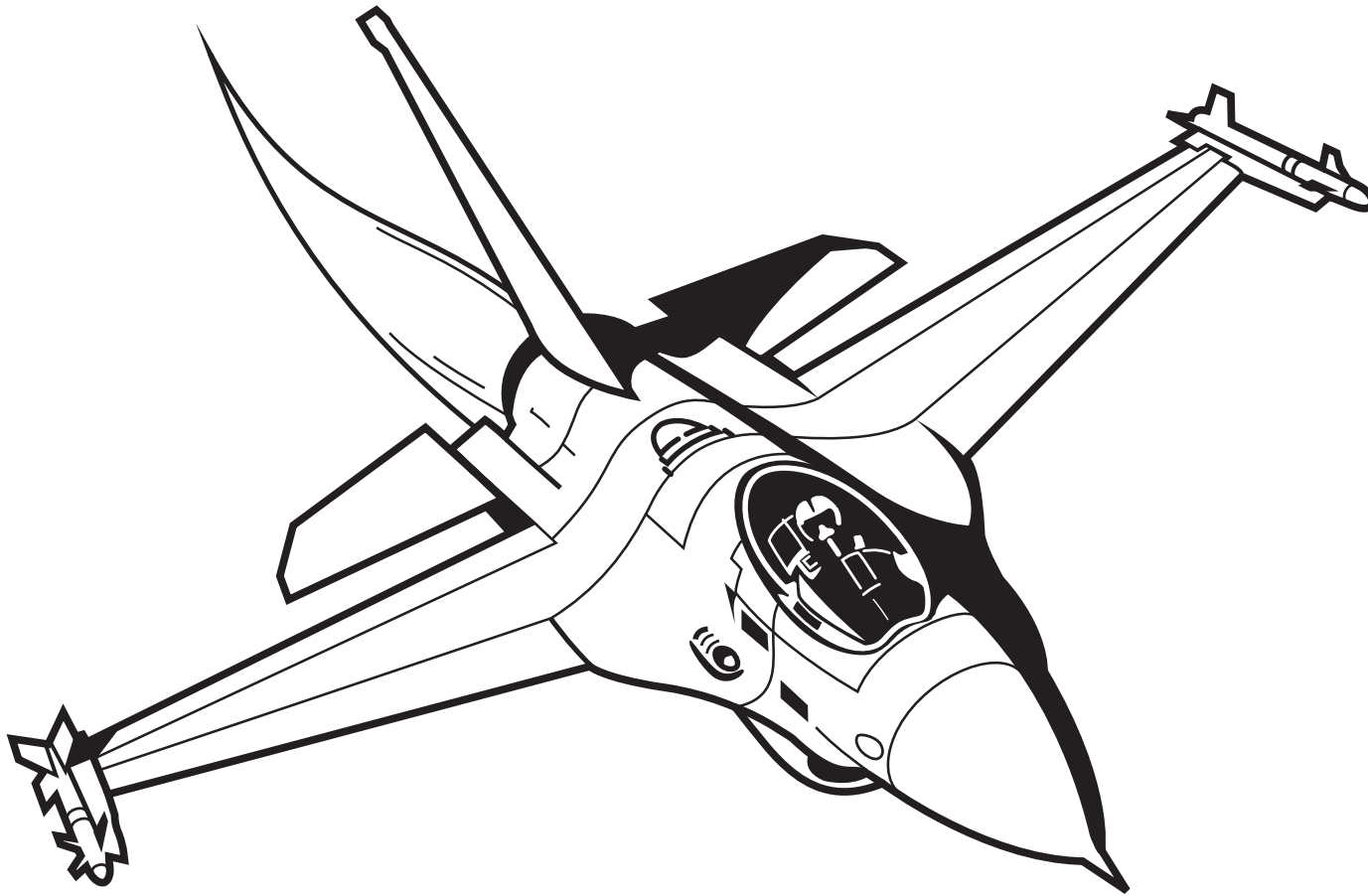


The C-130 can perform more than 100 mission types, including firefighting, hurricane hunting, air drop, personnel transport and aerial refueling.

The Hercules has carried all kinds of animals, including camels, chickens, cows, penguins, a giraffe, a rhinoceros, and even a killer whale!



F-16 Fighting Falcon

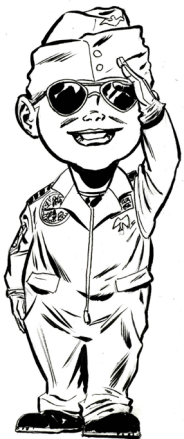
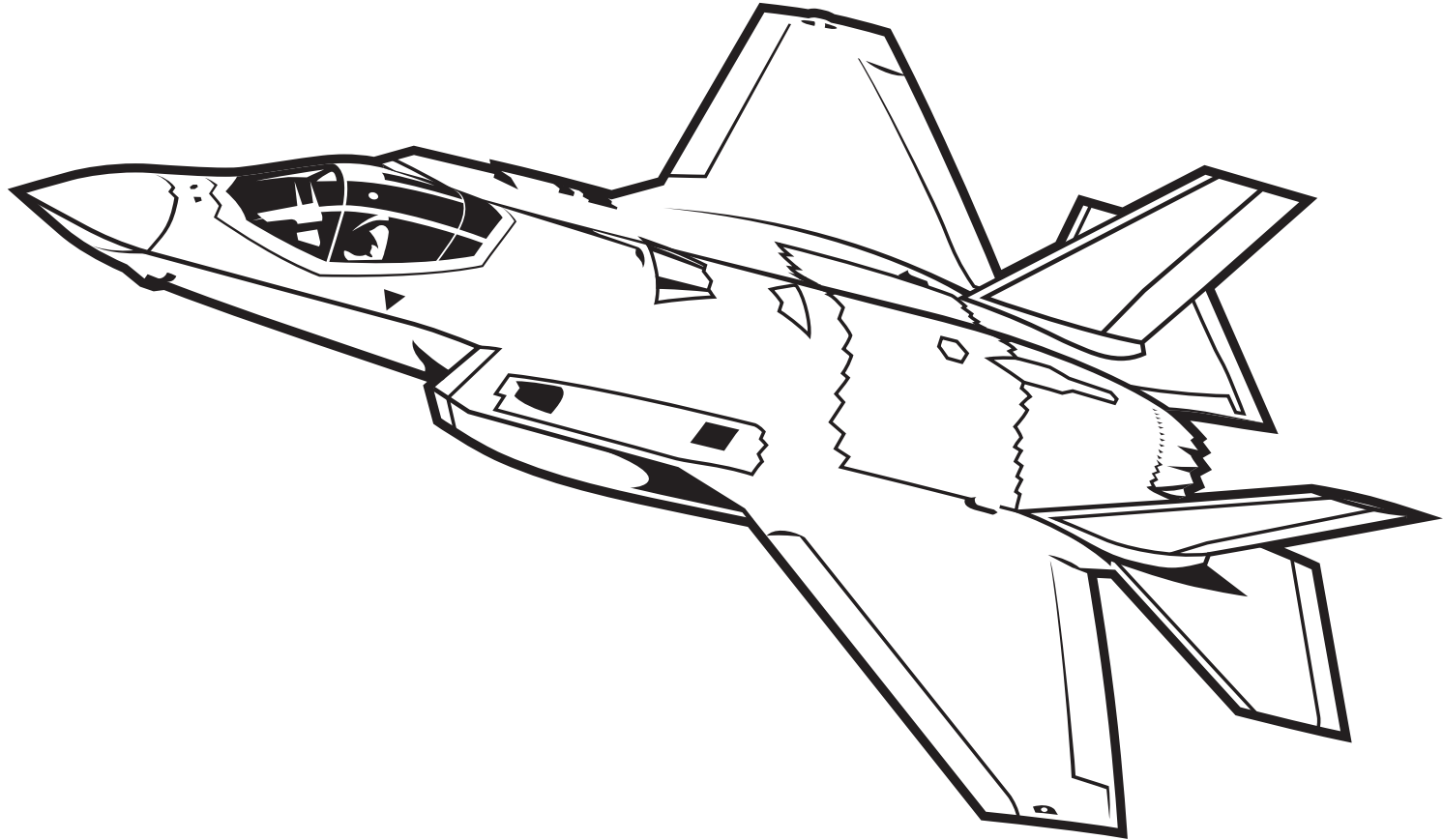


The F-16 was designed to reduce energy loss during high-G maneuvers, and was the first fighter built to pull 9 Gs.

More than 4,500 F-16s have been produced and operated by 27 countries around the world.



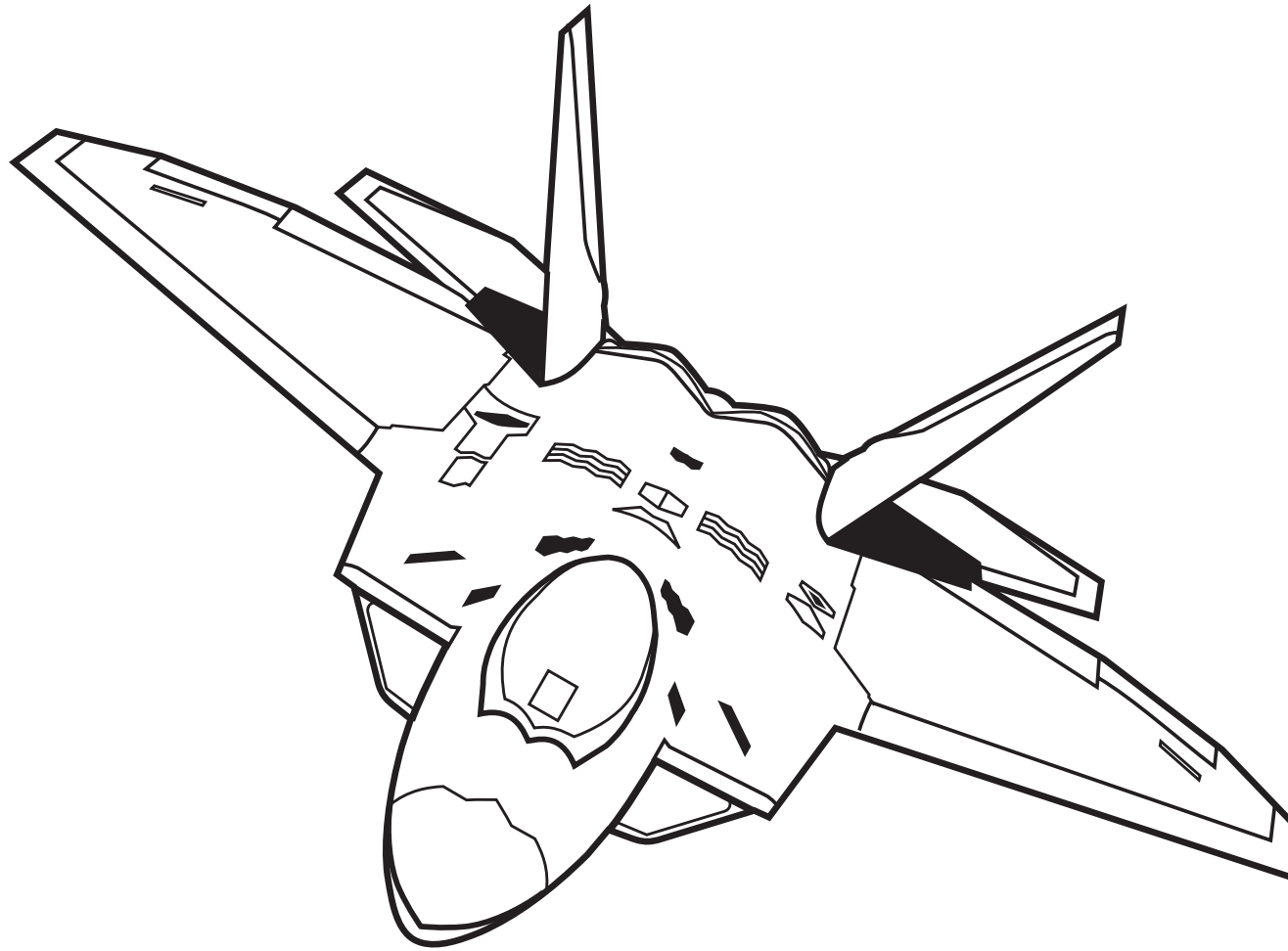
F-35 Lightning II



F-35 pilots wear a helmet that's connected to cameras around the aircraft, which allows them to see a 360-degree view around the jet while they're flying it.

The F-35 is designed with stealth in mind, so it can fly undetected by radar, making it invisible to enemy forces.

F-22 Raptor

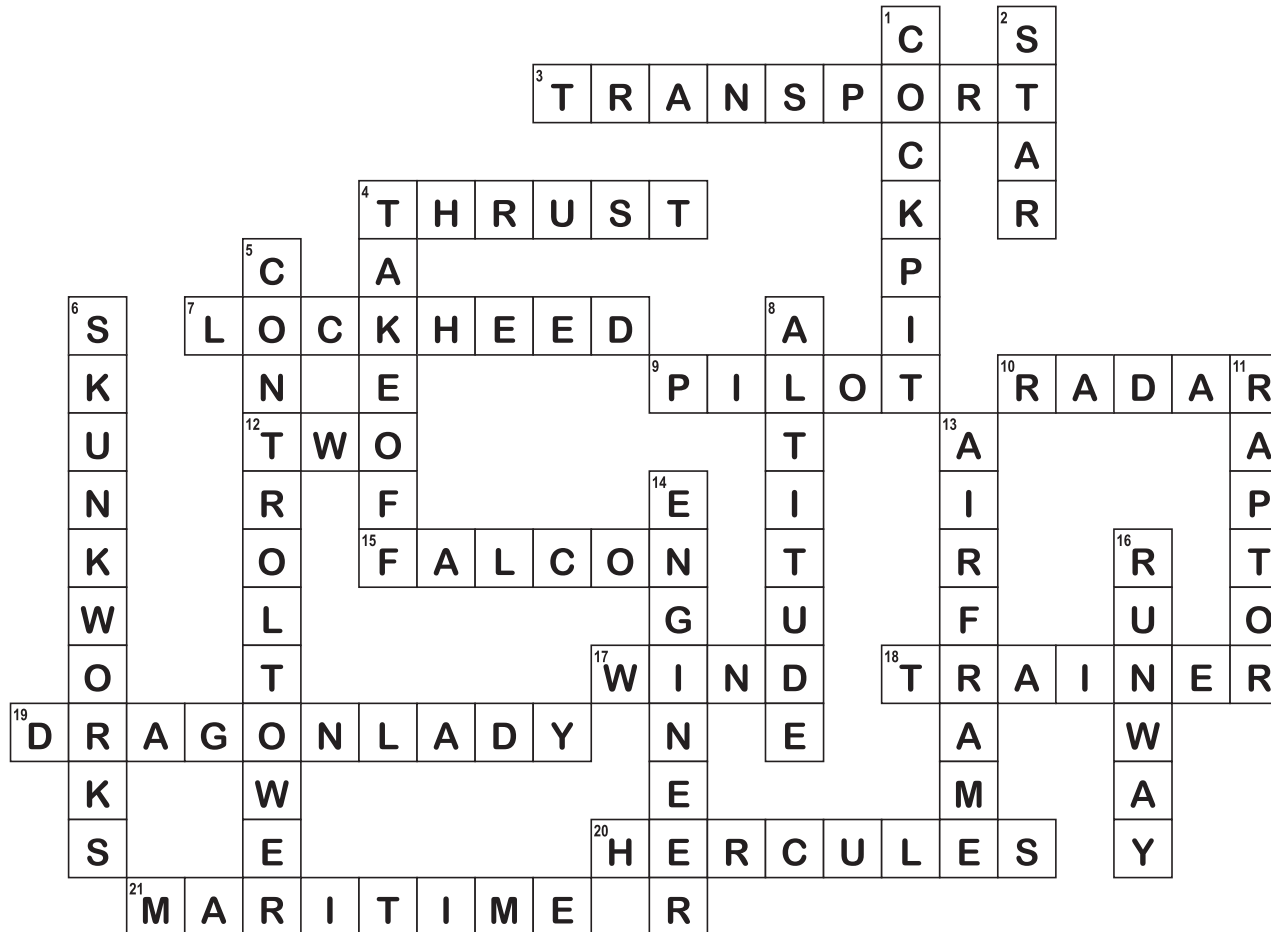


The F-22 was the world's first 5th Generation jet, the latest generation of fighter aircraft that combines advanced stealth, agility, and integrated information and sensor fusion together to outperform legacy fighter jets.

The F-22 has the ability to supercruise, or fly at supersonic speeds without afterburner for extended periods of time. It can sustain speeds of more than Mach 1.5.

Game Keys

CROSSWORD PUZZLE

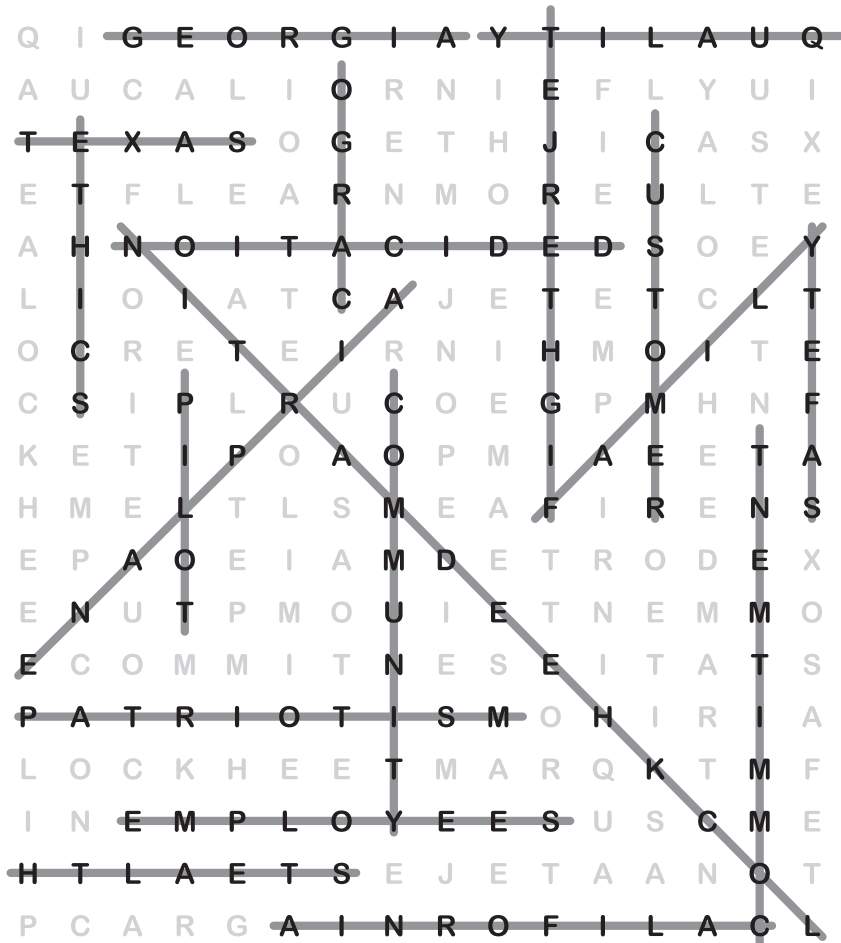


WORD SCRAMBLE

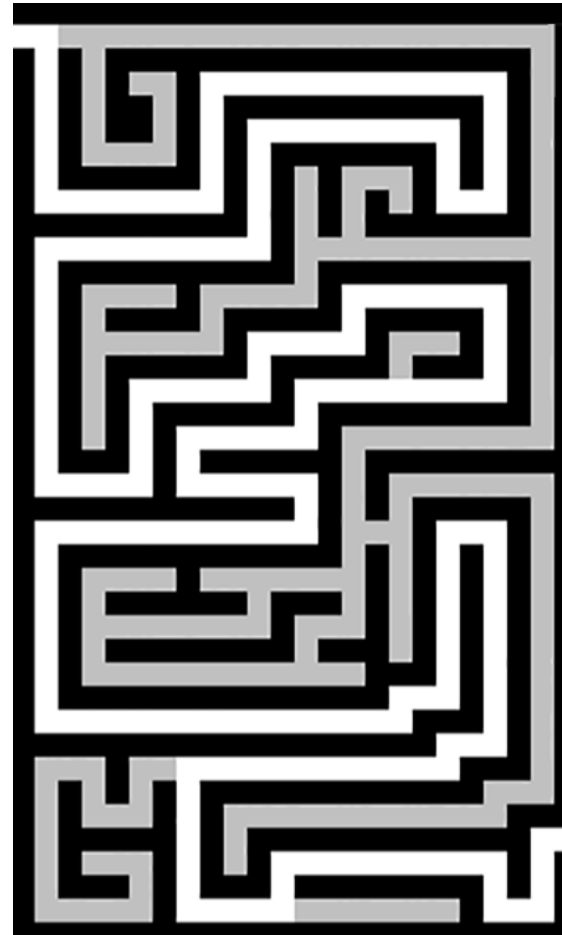
1. **L O C K H E E D M A R T I N**
C O R E D L H K E T I A N
2. **A E R O N A U T I C S**
E N R O U T I A C S A
3. **W I N G**
G I W N
4. **E N G I N E E R**
G R E E N I N E
5. **F L I G H T**
H I F T G L
6. **P I L O T**
L O P I T
7. **L I G H T N I N G**
N T G G L N I H I
8. **A I R P L A N E**
P R A E I N A L
9. **S K U N K**
U K K N S
10. **R U N W A Y**
Y A W N U R

Game Keys

WORD FIND



MAZE



MATCH PLANES WITH THE NAMES

1. g. F-117
2. a. F-16
3. e. F-22
4. f. C-130J
5. c. C-5
6. b. P-3
7. d. F-35

FIND THE FIVE DIFFERENCES

1. 68 is 88.
2. Red door is blue.
3. Green jacket is yellow.
4. ROTORS is ROBOTS.
5. Emblem on wing is gone.



<http://www.lockheedmartin.com/>