



Lesson 3.6

Weapons, Vehicles and Aircraft Recognition

Content



- Small Arms and Light Weapons (SALW)
- Armoured vehicles descriptions
- Aircraft types and UAVs description



Learning Outcomes

- Explain the basic categories of SALW
- Outline the framework for armoured vehicle recognition
- Outline the framework for aircraft and UAV recognition
- Identify basic SALW, armoured vehicle, aircraft, and UAV commonly found in UNPKO environment



Small Arms and Light Weapons

Small Arms	Light Weapons	Ammunition and Explosives
Revolvers Pistols	Heavy Machine Guns (HMG)	Cartridges / rounds
Rifles Carbines	Hand-held under barrel Mounted grenade launchers	Shells, missiles for light weapons
Sub-machine guns	Portable anti-tank weapon Anti-aircraft guns	Hand grenades
Assault rifles	Recoilless rifles	Land mines
Light Machine Guns (LMG)	Portable launchers of anti-tank missile or rockets systems and anti-aircraft missile systems	
	Mortars < 100mm calibre	

Basic Small Arms and Light Weapons



Pistol



Heavy machine gun



Man Portable Air Defense System (MANPADS)



Rifle



Hand-held grenade launcher



Mortar



Sub machine gun



Portable anti-tank gun



Cartridge, hand grenade & land mines



Armoured Vehicles

- Main battle tanks
- Self-propelled artillery
- Armoured personnel carriers (APC)
- Infantry fighting vehicles
- Reconnaissance vehicles
- Combat support vehicles



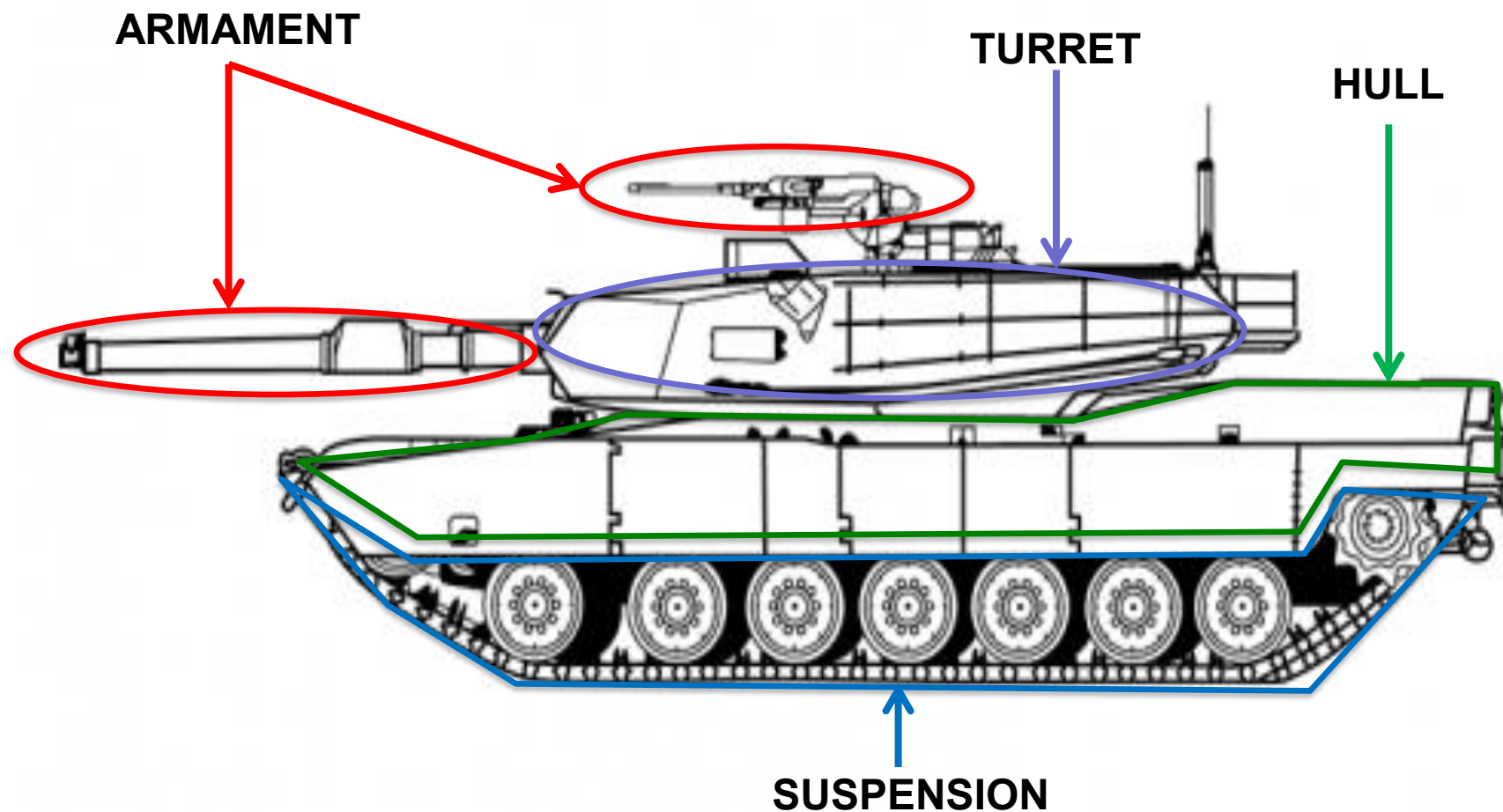
Components of Armoured Vehicle

H – HULL

A – ARMAMENT

T – TURRET

S – SUSPENSION





Armoured Vehicles



Main battle tank

**LARGE MAIN
ARMAMENT**

**SLOPED, ANGLE OR
ROUNDED ARMOUR
ON THE FRONT OF
THE HULL AND
TURRET**

TURRET

HULL

**TRACKED
SUSPENSION**



Self-propelled artillery



Armoured Vehicles (Cont.)



Armoured personnel carrier



Infantry fighting vehicle

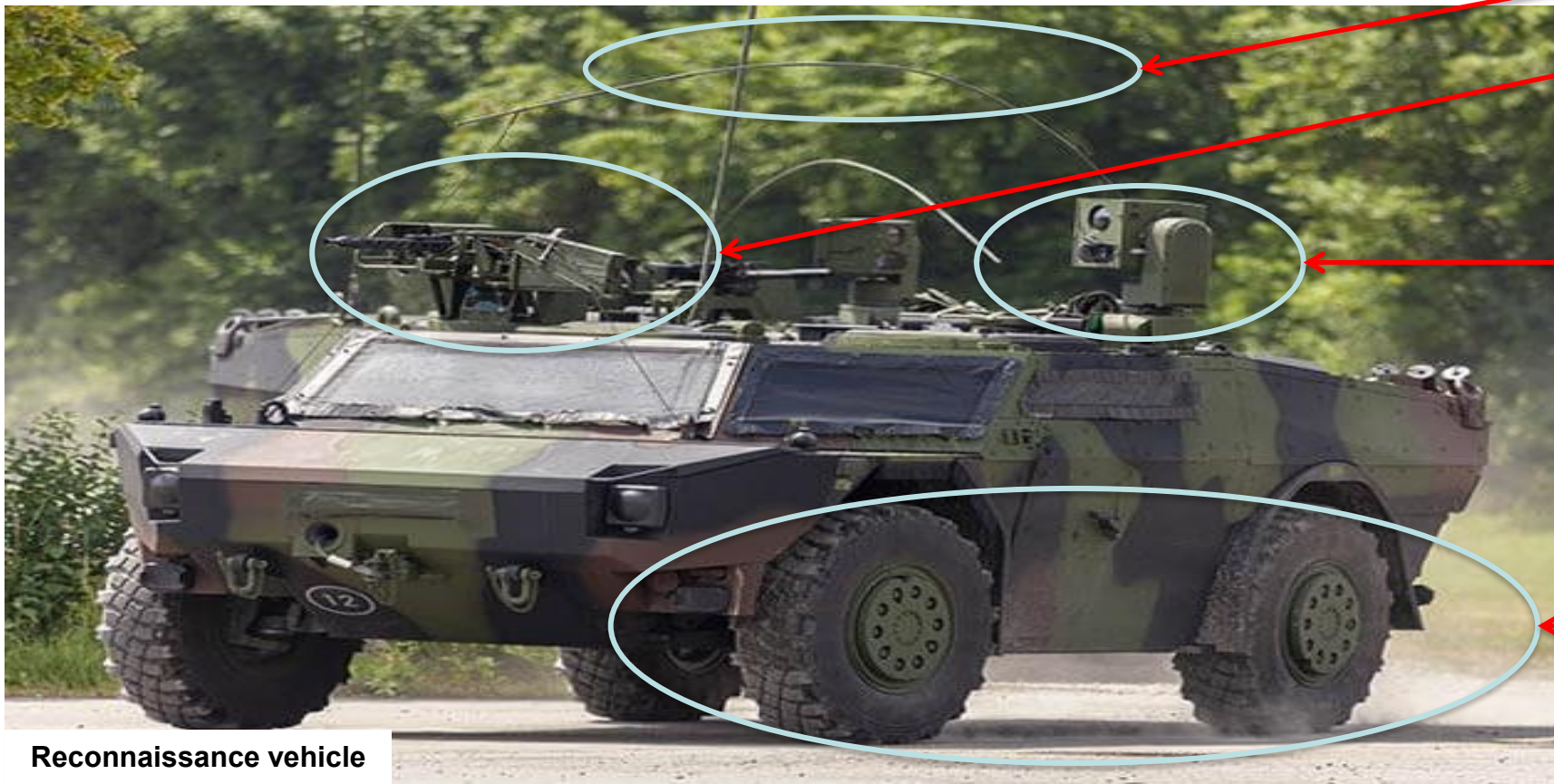
TURRET

LARGE
HULL

WHEELS



Armoured Vehicles (Cont.)



Antennas

Light weapon

Optical camera

Wheeled suspension

Reconnaissance vehicle



Armoured Vehicles (Cont.)



**Crane mounted on
an armoured vehicle**

Dozer blade

Combat support vehicle



Aircraft Types

- Fighters
- Bombers
- Transports
- Airborne warning/electronic warfare aircraft
- Transport helicopters
- Attack helicopters
- Unmanned Aerial Vehicles (UAVs)



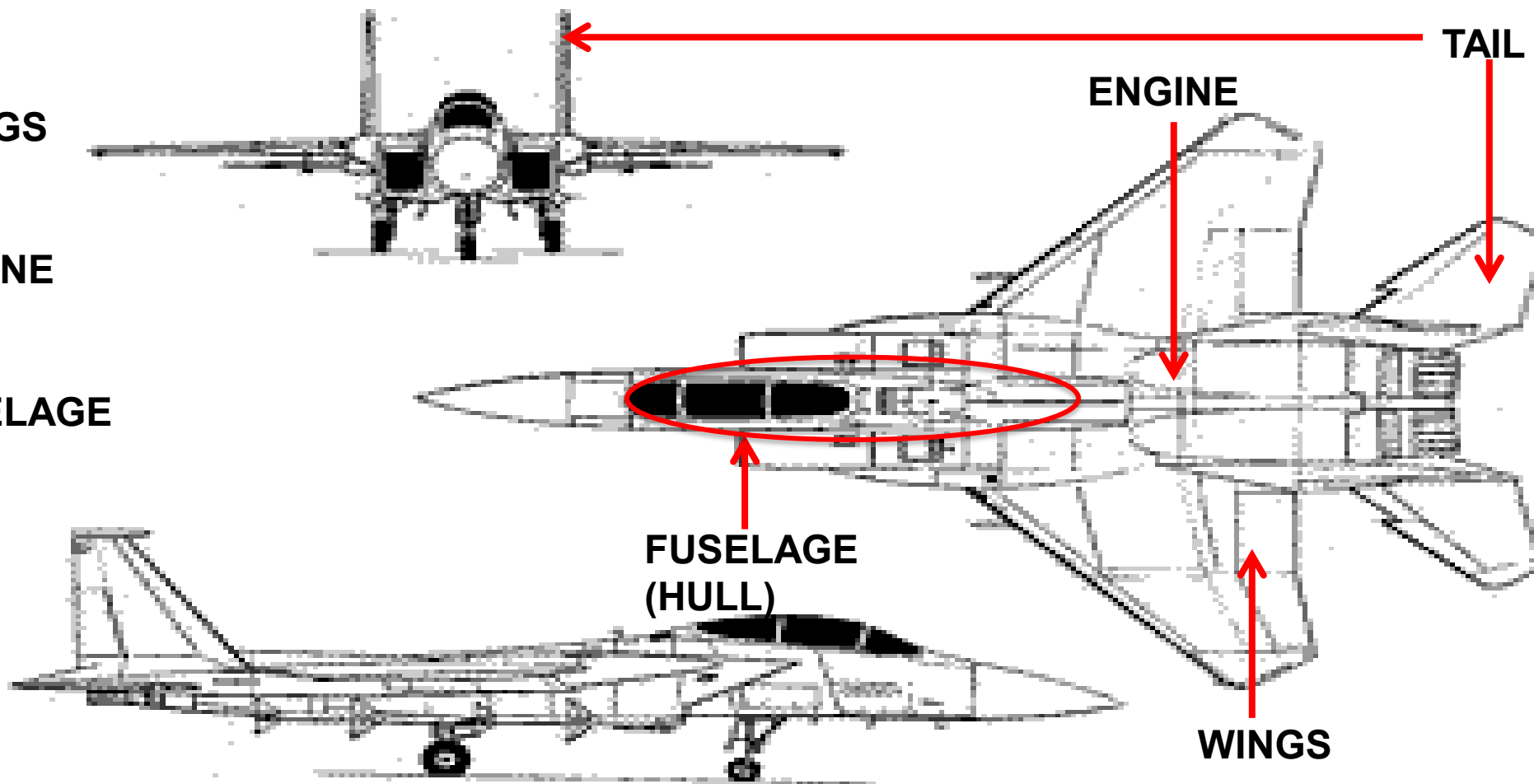
Aircraft Identification

W - WINGS

E - ENGINE

F - FUSELAGE

T - TAIL





Aircraft Types



Fighter

Tails

Weapon mounted
on top or under
the wing

Engine
intake

Fuselage
(Max crew 2)



Bomber

Longer
wings

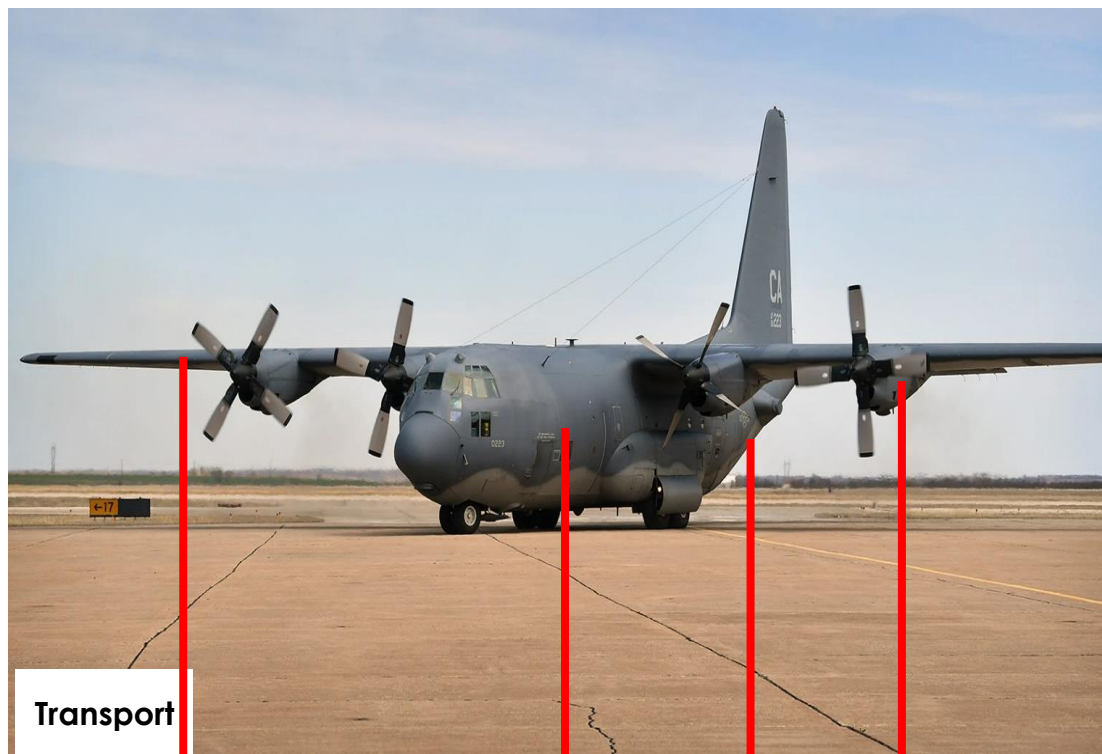
Long tail

Larger
cabin

Weapon
mounted
under the
wings



Aircraft Types



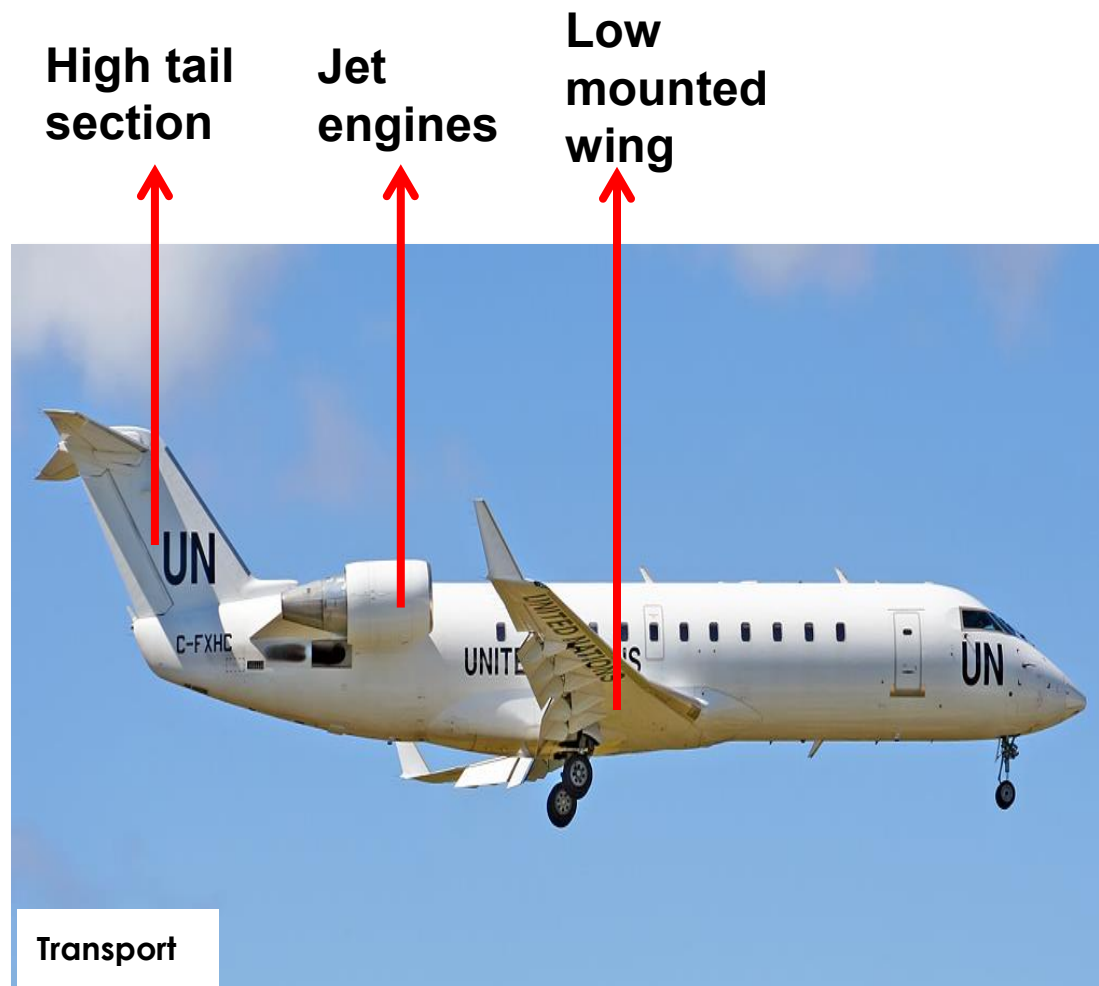
Transport

High
mounted
wing

Wide
fuselage

Rear
cargo
ramp

Engine
under the
wings



High tail
section

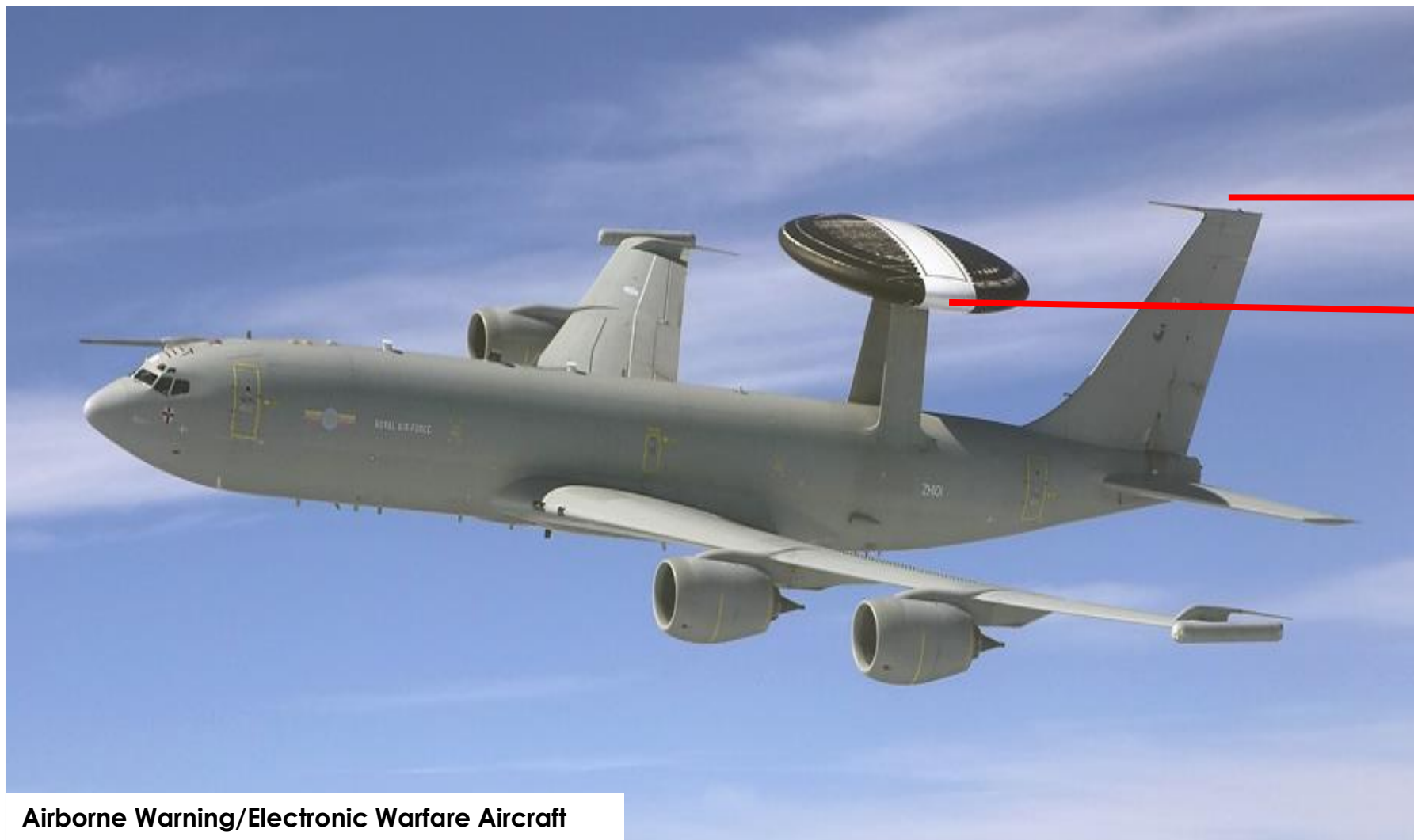
Jet
engines

Low
mounted
wing

Transport



Aircraft Types



**Sensor
on tail**

Electronic pod

Airborne Warning/Electronic Warfare Aircraft



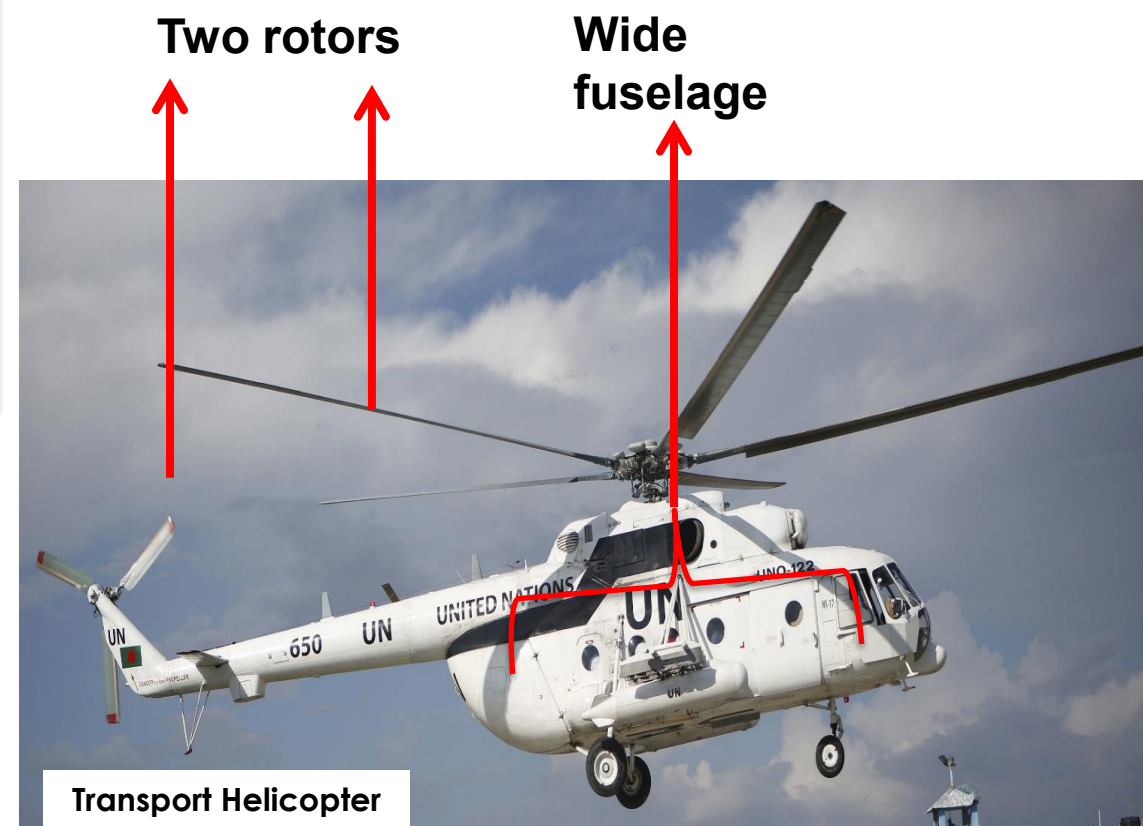
Aircraft Types



Attack Helicopter

Weapon pods

Long thin fuselage



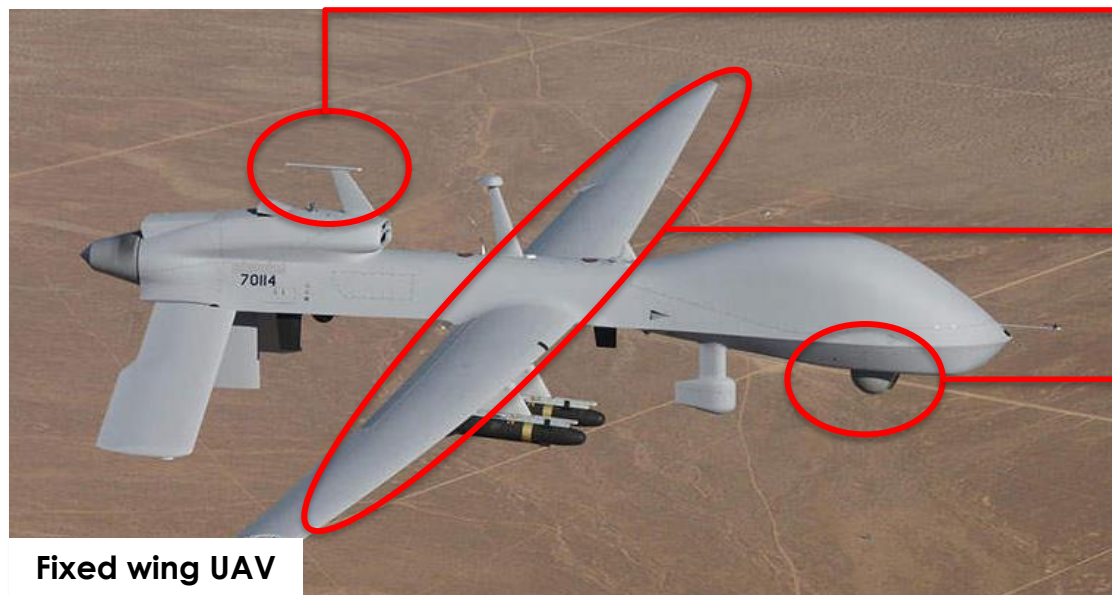
Two rotors

Wide fuselage

Transport Helicopter



Aircraft Types (Cont.)



Sensor

Fixed wings

Camera

Fixed wing UAV

Rotary wings

Cameras



Rotary UAV



Summary of Key Messages

- SALW include pistols, rifles, sub/light machine guns, small bombs, grenades, rocket/missile launchers, portable anti-tank/anti-aircraft weapons, and small-calibre mortars
- Armoured vehicles include tanks, self-propelled artillery, APCs/IFVs, and reconnaissance. The major components of an armoured vehicle are the hull, armament, turret and suspension (HATS)
- Aircraft types include fighters, bombers, transports, EW, transport helicopters, attack helicopters and UAVs. The basic parts of an aircraft are wings, engine, fuselage and tail (WEFT)



Learning Activity:

Identify basic SALW, military vehicles, aircraft, and UAVs

Dear Participants:

We will now conduct a **quiz**.

Each question has multiple-choice options (A, B, C, D), but **only one correct answer** for each question.

Please be mindful of the **time limits** and mark your answer promptly.

Recognition Quiz: Multiple Choice – Single Answer				
No.	A	B	C	D
01				
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				

Recognition Quiz: Multiple Choice – Single Answer



Question 1: What type of vehicle do you see here? (15 sec)



A Infantry Fighting Vehicle

B Reconnaissance Vehicle

C Armored Personnel Carrier

D Self-propelled Artillery

Recognition Quiz: Multiple Choice – Single Answer



Question 2: What type of helicopter is this? (15 sec)



A

Transport Helicopter

B

Attack Helicopter

C

Unmanned Aerial Vehicle / System

D

Civilian Helicopter

Recognition Quiz: Multiple Choice – Single Answer



Question 3: What type of vehicle do you see? (10 sec)



A Self-propelled Artillery

B Infantry Fighting Vehicle

C Main Battle Tank

D Reconnaissance Vehicle

Recognition Quiz: Multiple Choice – Single Answer



Question 4: What type of vehicle do you see? (10 sec)



A Infantry Fighting Vehicle

B Reconnaissance Vehicle

C Armored Personnel Carrier

D Main Battle Tank

Recognition Quiz: Multiple Choice – Single Answer



Question 5: What type of weapon is this? (10 sec)



A Self-propelled Artillery

B Combat Support Vehicle

C Towed Artillery

D Multiple Launch Rocket Artillery

Recognition Quiz: Multiple Choice – Single Answer



Question 6: What type of aircraft is shown? (10 sec)



A Fighter Aircraft

B Transport Helicopter

C Bomber Aircraft

D Attack Helicopter

Recognition Quiz: Multiple Choice – Single Answer



Question 7: What type of vehicle do you see? (10 sec)



A Self-propelled Artillery

B Multiple Launch Rocket Artillery

C Anti-Aircraft Vehicle

D Armored Personnel Carrier

Recognition Quiz: Multiple Choice – Single Answer



Question 8: Look carefully, what type of vehicle do you see? (10 sec)



A

Main Battle Tank

B

Infantry Fighting Vehicle

C

Anti-Aircraft Vehicle

D

Self-propelled Artillery

Recognition Quiz: Multiple Choice – Single Answer



Question 9: What type of aircraft is this? (10 sec)



A

Transport Aircraft

B

Airborne Warning and Control System

C

Fighter Aircraft

D

Electronic Warfare Aircraft

Recognition Quiz: Multiple Choice – Single Answer



Question 10: What type of vehicle is being transported? (10 sec)



A Self-propelled Artillery

B Reconnaissance Vehicle

C Main Battle Tank

D Multiple Launch Rocket Artillery

Recognition Quiz: Multiple Choice – Single Answer



Question 11: What vehicle is hidden here? (20 sec)



A Infantry Fighting Vehicle

B Main Battle Tank

C Multiple Launch Rocket Artillery

D Self-propelled Artillery

Recognition Quiz: Multiple Choice – Single Answer



Question 12: What type of vehicle is this? (9 sec)



A Combat Support Vehicle

B Infantry Fighting Vehicle

C Reconnaissance Vehicle

D Armored Personnel Carrier

Recognition Quiz: Multiple Choice – Single Answer



Question 13: What type of aircraft do you see? (8 sec)



A

Fighter

B

Electronic Warfare

C

Airborne Warning and Control System

D

Bomber

Recognition Quiz: Multiple Choice – Single Answer



Question 14: What type of vehicle do you identify? (7 sec)



A

Towed Artillery

B

Anti-Aircraft Vehicle

C

Armored Personnel Carrier

D

Multiple Launch Rocket Artillery

Recognition Quiz: Multiple Choice – Single Answer



Question 15: What type of aircraft is this? (5 sec)



A

Fighter

B

Civilian Aircraft

C

Airborne Warning and Control System

D

Bomber



End of Quiz

**Now get ready to check
the answers together!**

Recognition Quiz: Multiple Choice – Single Answer



Question 1: What type of vehicle do you see here?

The correct answer is:



B

Reconnaissance Vehicle



Recognition Quiz: Multiple Choice – Single Answer



Question 2: What type of helicopter is this?



The correct answer is:

B

Attack Helicopter



Recognition Quiz: Multiple Choice – Single Answer



Question 3: What type of vehicle do you see?



The correct answer is:

A

Self-propelled Artillery



Recognition Quiz: Multiple Choice – Single Answer



Question 4: What type of vehicle do you see?



The correct answer is:

D

Main Battle Tank



Recognition Quiz: Multiple Choice – Single Answer



Question 5: What type of weapon is this?

The correct answer is:



C

Towed Artillery



Recognition Quiz: Multiple Choice – Single Answer



Question 6: What type of aircraft is shown?



The correct answer is:

B

Transport Helicopter



Recognition Quiz: Multiple Choice – Single Answer



Question 7: What type of vehicle do you see?

The correct answer is:



C

Anti-Aircraft Vehicle



Recognition Quiz: Multiple Choice – Single Answer



Question 8: Look carefully, what type of vehicle do you see?



The correct answer is:

D

Self-propelled Artillery



Recognition Quiz: Multiple Choice – Single Answer



Question 9: What type of aircraft is this?



The correct answer is:

B

Airborne Warning and Control System



Recognition Quiz: Multiple Choice – Single Answer



Question 10: What type of vehicle is being transported?



The correct answer is:

C

Main Battle Tank



Recognition Quiz: Multiple Choice – Single Answer



Question 11: What vehicle is hidden here?

The correct answer is:



A

Infantry Fighting Vehicle



Recognition Quiz: Multiple Choice – Single Answer



Question 12: What type of vehicle is this?

The correct answer is:



A

Combat Support Vehicle



Recognition Quiz: Multiple Choice – Single Answer



Question 13: What type of aircraft do you see?

The correct answer is:



B

Electronic Warfare Aircraft



Recognition Quiz: Multiple Choice – Single Answer



Question 14: What type of vehicle do you identify?



The correct answer is:

B

Anti-Aircraft Vehicle



Recognition Quiz: Multiple Choice – Single Answer



Question 15: What type of aircraft is this?



The correct answer is:

B

Civilian Aircraft



Recognition Quiz: Multiple Choice – Single Answer

No.	A	B	C	D
01				
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				

- 01 - B
- 02 - B
- 03 - A
- 04 - D
- 05 - C
- 06 - B
- 07 - C
- 08 - D
- 09 - B
- 10 - C
- 11 - A
- 12 - A
- 13 - B
- 14 - B
- 15 - B