



**BATTLE LAB TAC**  
TRAINING ADVERSARY CELL

**AIRFORCE EQUIPMENT  
IDENTIFICATION CARDS**

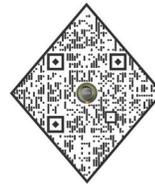
OLVANA EDITION



AIRFORCE EQUIPMENT  
IDENTIFICATION CARDS



To most people, the sky is the limit.  
To those who love aviation, the sky is home  
- Jerry Crawford -



ODIN



DATE

AIRFORCE EQUIPMENT  
IDENTIFICATION CARDS

**BATTLE LAB TAC**  
TRAINING ADVERSARY CELL

-  Bleed Area
-  Final Size
-  Safe Area
-  Cut Line
-  Crease Line

J  
O  
K  
E  
R



## Z-9 Harbin (WZ-9)

Medium Multi-Role Helicopter



R  
E  
K  
O  
J

↖ Endurance	5 hours
↖ Ferry Range	1000 km (540 nm)
↖ Service Ceiling	4,500 m (14,800 ft)
↖ Munitions	ATMs, Autocannon

# A



## J-10A (Firebird)

Multirole Combat Aircraft



← Crew	1
← Endurance	2 hours
← Combat Range	1,240 km (670 nm)
← Service Ceiling	18,000 m (59,000 ft)
← Weapon Systems	PL-8, PL-12 (AAMs), PGMs, Cannons



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## J-20 (FAGIN)

Stealth Air Superiority Fighter



← Crew	1
← Endurance	2 to 3 hours
← Combat Range	2,000 km (1,080nm)
← Service Ceiling	20,000 m (65,600 ft)
← Weapons	PL-10 IR, PL-15 ARH, PL-21* VLR

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## J-11B (Flanker-L)

Air Superiority Fighter



← Crew	1
← Endurance	3 hours
← Combat Range	1,500 km (810 nm)
← Service Ceiling	19,000 m (62,300 ft)
← Weapon System	PL-8, PL-9, PL-12: (Radar-guided), PGMs, Cannon



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## J-16 (Flanker)

Multirole Fighter



← Crew	2
← Mission Strike	OCA / DCA
← Combat Range	1,500 km (810 nm)
← Service Ceiling	20,000 m (65,600 ft)
← Weapon System	PL-17, PL-10/12, AKF-98 LACM, LGB, ARM



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## H-6 (Badger)

Strategic Bomber



↖ Crew	4-6 pax
↖ Combat Range	3500 km (1890 nm)
↖ Maximum Range	6000 km / 3240 nm
↖ Weapon System	AGM, ASCM & ASUGM
↖ Bomb Bay (Cap)	9,000 kg



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## JH-7A (Flounder)

Fighter Bomber



↖ Crew	2	♠
↖ Combat Range	900 km (490 nm, NR)	
	1760 km (950 nm, w/RFL)	9
↖ Service Ceiling	16,000 m (52,000 ft)	
↖ Weapons	PL-9/12, KD-88, ARM (ASuW)	

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## Y-8H1 Reconnaissance

Aircraft



↖ Crew	6
↖ Maximum Range	5,615 km (3,032 nm)
↖ Service Ceiling	10,600 m (34,777 ft)
↖ Sensor Suite	ELINT, EO/IR, Radar System



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## KJ-2000 (Mainring)

Airborne Early warning & Control Aircraft



← Crew	5-15
← Endurance	10-11 hours
← Maximum Range	5,500 km (2,970 nm)
← Service Ceiling	10,200m (33,465 ft)
← Sensor Suite	AESA, Radar System



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## J-16D (Flanker-L)

Electronic Warfare



↖ Crew	2
↖ Range	1,500 km (810 nm)
↖ Service Ceiling	20,000m (65,600 ft)
↖ Sensor Suite	AEW, ELINT, ECM, EO/IR
↖ Weapons	Anti-Radiation missiles



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## Y-8G (High New 3)

Long-Range Electronic Warfare



↖ Crew	6
↖ Endurance	10.5 hours
↖ Maximum Range	5,615 km (3,032 nm)
↖ Service Ceiling	10,400 m (34,100 ft)
↖ Sensor Suite	ELINT, EW, Radar, EO/IR



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## Y-7-100 (Yunshuji -7-100)

Transport Aircraft



↖ Crew	3
↖ Endurance	5 - 6 hours
↖ Service Ceiling	8,750 m (28,700 ft)
↖ Max Range (max PL)	910 km (491 nm)
↖ Passengers/ Cargo	52 pax / 5,500 kg



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## Y-20 Kungpen (Chubby Girl)

Strategic Transport Aircraft



- |              |                               |
|--------------|-------------------------------|
| ← Crew       | 3                             |
| ← Max Range  | 5,200 km (2,800 nm, w/51t)    |
| ← Max Range  | 3,700 km (2,000 nm, w/66t)    |
| ← Passengers | 140 pax                       |
| ← Cargo      | 2×Type 15 / 1× Type 99A (66t) |



# K



## Y-9

### Medium Transport Aircraft



↖ Crew	4
↖ Range (max load)	2,200 km (1,188 nm)
↖ Service Ceiling	9,000 m (29,500 ft)
↖ Maximum Range	7,900 km (4,266 nm)
↖ Passengers/ Cargo	132 pax/30,000 kg



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## YY-20

### Aerial Tanker



← Crew	3
← Maximum Range	4,500 km (2,430nm)
← Service Ceiling	13,000 m (42,650 ft)
← Refueling Capacity	83000-90200 litres



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## Z-19 (WZ 19)

Reconnaissance/Attack Helicopter



← Crew	2
← Endurance	3 to 4 hours
← Service Ceiling	4,500 m (14764 ft)
← Weapon Systems	Autocannon, AT Rockets, TY-90 A2A Missiles



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## Z-8 (Zhishengji)

Multi Role Helicopter



← Crew	3
← Maximum Range	815 km (440 nm)
← Service Ceiling	3,050 m (10,000 ft)
← Weapon Systems	Missiles, Torpedoes
← Passengers/ Cargo	27 pax / 4,000 kg

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## Z-18F (Sea Eagle)

Anti Submarine Helicopter



← Crew	2	◆ 7
← Maximum Range	815 km (440 nm)	
← Service Ceiling	3,050 m (10,000 ft)	
← Weapons	ASW / ASuW missiles	
← Sensor Suite	Search Radar, Dipping Sonar	

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## Z-20 (Harbin)

Medium Transport Helicopter



↖ Crew	2
↖ Endurance	4 to 5 hours
↖ Maximum Range	460 km (248 nm)
↖ Service Ceiling	4,000 m (13,123 ft)
↖ Cargo Capacity	12 pax / 4,000 kg



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**CH-901**

**Suicide Unmanned Aerial Vehicle (UAV)**



← Endurance	40 min
← Control Radius	10 km (5 nm)
← Op Altitude	50–150 m (164–492 ft)
← Sensors	EO / IR (2 km range)
← Engine Type	Electric



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## EA-03 Soar Dragon

High Altitude Long Endurance (HALE) UAV



↖ Endurance	20-30 hours
↖ Service Ceiling	18,300 m (60,040 ft)
↖ Maximum range	7,040 km (3,801 nm)
↖ Maximum Payload	650 kg
↖ Sensor suite	EO/IR, Radar



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## Wing Loong II

Medium Altitude Long Endurance (MALE)  
Unmanned Aerial Vehicle (UAV)



- |                   |                           |
|-------------------|---------------------------|
| ↖ Endurance       | 32 hours                  |
| ↖ Service Ceiling | 9,000 m (29,528 ft)       |
| ↖ Op Range        | 1,500 km (810 nm)         |
| ↖ LOS Datalink    | 200 km (108 nm)           |
| ↖ Weapons         | LGBs, AGMs, INS/GPS bombs |



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## Golden Eagle CR500

Multi Role Unmanned Aerial Vehicle (UAV)



↖ Endurance	8 hrs (4 hrs armed)
↖ Service Ceiling	3,000 m (9,843 ft)
↖ Range	200 km (108 nm)
↖ Weapon Systems	MG, AT Missiles, EW Systems



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## Blowfish A3 Recon-Attack (UAV)



- |                   |                            |
|-------------------|----------------------------|
| ↖ Endurance       | 60 mins (no PL)            |
| ↖ Service Ceiling | 5,100 m (16,733 ft)        |
| ↖ Combat Range    | 20 km (11 nm)              |
| ↖ Sensors         | EO/IR, LRF                 |
| ↖ Weapons         | LMG, AGL, Mortar, Riot Gun |



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**J**  
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## Tomahawk H16-V12

Reconnaissance, Strike missions (UAV)



↖ Endurance	60 mins
↖ Service Ceiling	5,800 m (19,028 ft)
↖ Flight Radius	15 km
↖ Payload	EO/IR, SAR, gas/smoke (Max Payload 25 kg)



Q



## KJ-600 (Sea Plate)

Airborne Early Warning and Control (AEW&C) Aircraft



← Crew	5-6 personnel
← Endurance	5-8 hours
← Service Ceiling	15,000 m (49,200 ft)
← Maximum Range	1,200 km (650 nm)
← Sensor Suite	KLC-7 (AESA) radar



# K



## Z-18J (Bat)

Airborne Early Warning (AEW) Helicopter



← Crew	3-4 personnel
← Range	900 km (486 nm)
← Sensor Suite	EO, AEW (KLC-11), FLIR
← Defensive Suite	MAWS, RWR



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**ZQHW-120**  
Suicide and Surveillance (UAV)



↖ Endurance	1 hour
↖ Service Ceiling	800 m (2,625 ft)
↖ Maximum Range	20 km (11 nm)
↖ Sensor Suite	(EO/IR/LRF) Systems
↖ Payload	1 kg Explosives

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## DJI FlyCart 30

Heavy-Duty Aerial Cargo Delivery (UAV)



← Endurance	18 mins
← Service Ceiling	6,000 m (19,700 ft)
← Range	28 / 16 / 20 km (15 / 9 / 11 nm)
← TOGW	95 kg (209 lb)
← Payload Capacity	30 kg (66 lb)



# J



## CH-3A

Reconnaissance Strike (UAV)



↖ Endurance	6 hours
↖ Service Ceiling	5000 m (16,400 ft)
↖ Combat Range	200 km (108 nm)
↖ Sensor Suite	Standard EO
↖ Take-off Weight	640 kg



# 10



## EVO Lite

Unmanned Aerial Vehicle (UAV)



✦ Endurance	40 mins
✦ Service Ceiling	3,000 m (9,842 ft)
✦ Maximum Range	24 km (13 nm)
✦ Sensor Suite	EO 4K (60 FPS)
✦ Take-off Weight	0.84 kg



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## ARK 40

Payload Cargo Delivery (UAV)



✦ Endurance	2.5 hrs (w/2 kg PL)
✦ Cruise Speed	72 km/h (39 kt)
✦ Range	20 km (11 nm)
✦ Sensor Suite	EO
✦ Payload Capacity	10 kg



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## DJI Matrice 300 RTK

Unmanned Aerial Vehicle (UAV)



← Endurance	55 min
← Service Ceiling	5,000 m (16,400 ft)
← Range	15 km (transmission)
← Sensor Suite	Standard EO suite
← Take-off Weight	9 kg



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## Evo II Dual 640T

Unmanned Aerial Vehicle (UAV)



✦ Endurance	38 min
✦ Service Ceiling	7,000 m (22,970 ft)
✦ Combat Range	25 km (13 nm)
✦ Sensor Suite	Thermal imaging camera
✦ Take-off Weight	2 kg



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## Dragonfish Pro

Unmanned Aerial Vehicle (UAV)



← Endurance	180 mins
← Service Ceiling	6,000 m (19,700 ft)
← Combat Range	30 km (16 nm)
← Sensor Suite	EO/IR, AI Tracking
← Take-off Weight	17 kg



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## DJI Mavic Air 2

Unmanned Aerial Vehicle (UAV)



✦ Endurance	34 mins
✦ Service Ceiling	5,000 m (16,400 ft)
✦ Combat Range	18.5 km (10 nm)
✦ Sensor Suite	Standard EO Suite
✦ Take-off Weight	570 g



4



## ASN-301

Anti-Radiation Radar Loitering Munition  
(UAV)



↖ Endurance	4 hours
↖ Service Ceiling	4,570 m (15,000 ft)
↖ Combat Range	288 km (156 nm)
↖ Payload	18 kg warhead
↖ Take-off Weight	135 kg



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**TB-001**

**Unmanned Aerial Vehicle (UAV)**



✦ Endurance	35 hrs (w/1,000 kg PL)
✦ Maximum Range	6,000 km (3,240 nm)
✦ Payload	1,200 kg (AT/PGM/AGM)
✦ Sensor Suite	EO/IR, SAR
✦ Take-off Weight	2,800 kg (6,172 lb)



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## Mugin-5 Pro

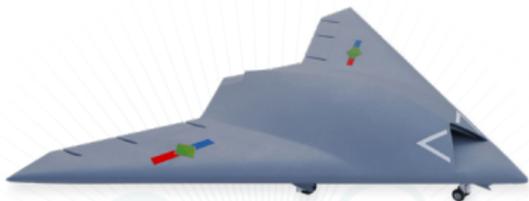
Unmanned Aerial Vehicle (UAV)



↖ Endurance	4-8 hrs
↖ Range	800 km (430 nm)
↖ Payload	15 kg
↖ Sensor Suite	EO/IR, GPS
↖ Take-off Weight	100 kg

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# A



## GJ-11 Sharp Sword

Stealth Combat (UAV)



- |           |                                   |
|-----------|-----------------------------------|
| ↖ Role    | Strike / reconnaissance (ISR)     |
| ↖ Range   | ~1,500 km (810 nm) [estimated]    |
| ↖ Sensors | EO/IR, SAR, EW                    |
| ↖ Weapons | Internal PGMs (≈2,000 kg payload) |



# V

# K



## Mugin EV350

Unmanned Aerial Vehicle (UAV)



↖ Endurance	2-3 hrs
↖ Combat Range	180 km (97 nm)
↖ Payload	3 kg
↖ Sensor Suite	EO/IR, GPS
↖ Take-off Weight	22 kg



# K

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## J-6 (Farmer)

Unmanned Combat Aerial Vehicle (UCAV)



← Crew	0
← Combat Range	1,390 km (752 nm)
← Payload	Various
← Sensor Suite	Radar

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Q

J  
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## KJ-200 (Moth)

Airborne Early Warning & Control Aircraft



↖ Endurance	10 hrs
↖ Maximum Range	5,560 km (3,000 nm)
↖ Service ceiling	6,100 m (20,000 ft)
↖ Sensor Suite	AESA (E), 240°, 330 km
↖ Take-off Weight	65,000 kg



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## J-15 (Flanker-X2)

Carrier-Based Air Superiority Fighter



← Crew	1
← Maximum Range	3,000 km / 1620nm
← Service Ceiling	17 000m (55774ft)
← Weapon System	PL-8/12/15, KD-88, YJ-91
←	(Radar / IR-guided, A/S, ARM)



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## KJ-500

Airborne Early Warning & Control Aircraft



↖ Crew	24
↖ Maximum Range	5,700 km (3,080 nm)
↖ Service Ceiling	10,500 m (34,450 ft)
↖ Sensor Suite	AESA Radar
↖ Take-off Weight	70,000 kg

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## JL-10 (L-15 Falcon)

Supersonic Lead-In Fighter Trainer Aircraft



← Crew	2
← Combat Range	550 km (297 nm)
← Service Ceiling	16,000 m (52,500 ft)
← Weapon System	A2A / A2G (Various)
← Loiter Time	2 hrs



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## DJI Matrice 30T

Unmanned Aerial Vehicle (UAV)



↖ Endurance	41 mins
↖ Service Ceiling	5,000 m (16,400 ft)
↖ Combat Range	8 km
↖ Sensor Suite	EO / Thermal
↖ Take-off Weight	4 kg



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## Evo II RTK Unmanned Aerial Vehicle (UAV)



← Endurance	36 min
← Service Ceiling	6,000 m (19,700 ft)
← Combat Range	8 km (4 nm)
← Sensor Suite	Standard EO Suite
← Take-off Weight	1.25 kg



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## Evo II Enterprise

Unmanned Aerial Vehicle (UAV)



← Endurance	42 min
← Service Ceiling	6,000 m (19,700 ft)
← Combat Range	13 km (7 nm)
← Sensor Suite	Standard EO Suite
← Take-off Weight	1.11 kg



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## J-35A

### Multirole Stealth Fighter



← Crew	1
← Service Ceiling	16,000 m (52,500 ft)
← Combat Range	1,900 km (1,030 nm)
← Weapon System	AAMs (PL-15, PL-10), Air-to-ground missiles
← Sensor Suite	AESA, EO/IR, EW



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## WZ-7 Xiang Long

High Altitude Long Endurance (UAV)



↖ Endurance	10 hrs (at max speed)
↖ Service Ceiling	18,000m (59,050 ft)
↖ Combat Range	2,000 km (3,780 nm)
↖ Payload	650 kg (ISR Sensors)
↖ Sensor Suite	EO/IR, Radar, SIGINT



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**WZ-8**

**High-Speed Reconnaissance (UAV)**



← Speed	Mach 3+
← Service Ceiling	50,000 m (164,000 ft)
← Combat Range	8,000 km (4,320 nm)
← Sensor Suite	EO/SAR
← Role	ISR

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# A



## Jiu Tian

Mothership (UAV)



✦ Type	SS-UAV (HALE)
✦ Endurance	12 hrs
✦ Service Ceiling	18,000 m (59,100 ft)
✦ Payload 2000 kg	TOGW 10,000 kg
✦ Sensor Suite	SAR, EO/IR, SIGINT



# V

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**Shaanxi Baojii Lie Ying**  
(Falcon Strike) Light Attack Gyrocopter

← Crew	1 + 1 Passenger
← Payload	270 kg
← Weapon System	ATGM
← Take-off Weight	560 kg
← Nickname	Little Nellie

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