

Keyboard Map

ESC
End Mission

F1
Cockpit view
Head move v
Head shift O/F
HUD only v

F2
Aircraft view
Aircraft labels
Own Aircraft view
Cam ctrl O/F
Cam position O/F

F3
Fly-by view
Fly-by jump view

F4
Arcade view
Look Back
Chase view

F5
Near A/C view
Ground hostile

F6
Released wpn v
Missile label
Wpn to Tgt view

F7
Gnd unit view

F8

F9
Ship view
ShipVehicle label

F10
Map view
All labels
Map current point

F11
Airport view
Free camera v

F12
Static view
TrainsCars O/F
Civilian traffic v

~
Track IR reset

1
AutoPilot O/F

2
AutoPilot Path

3
AutoPilot Alt/head

4
AutoPilot Alt/bank

5

6

7
CMS forward

8
CMS aft

9
CMS left

0
CMS right

-
CMS Z axis

+ =
All labels

BACKSPACE

TAB
MultiPlayer chat all
Respawn
MultiPlayer chat allies

Q
Left throttle
Attack my Tgt

W
Wheel break
Jettison Weapons
Cover me
Wheel bk emrg

E
Eject
Complete+RTB

R
Refuel start
Refuel boom
Complete+rejoin
RWR/SPO Mode

T
Trimmer
Smoke
Trim reset
Formation O/F

Y
Info bar O/F
Join formation
Co-ord units

U
Coolie up
AWAC Home

I
Coolie right

O

P
Gun (1st stage)

[
Mouse fast
Mouse slow
Mouse norm

]
Keyboard fast
Keyboard slow
Keyboard norm

| \
Comm menu
Switch dialog

CAPSLOCK

A
AutoPilot O/F

S

D
Atk air defenses

F
Flaps

G
Gear up/down
Attack Gnd Tgt
Hook O/F
Emergency gear

H
Coolie left
Goggle O/F
Goggle +
Goggle -
HUD colour

J
Coolie down
Cam jiggle O/F

K
Coolie right

L
Cockpit lights
Lamps test
FAC laser O/F
Nav lights O/F
Gear lights

: ;
Slew up

" '
Cons/score
Rearm/Refuel

RETURN
Lock target
Show controls indicator O/F

L SHIFT

Z
Rudder left
Time = 1
Time +
Time -
FAC IR view

X
Rudder right

C
China hat aft
Canopy O/C
Ckable ckpt O/F
Flight clock

V
China hat fwd

B
Spd brk fwd
Spd brk aft
FAC binocular v

N
Reset warning

M
Master mode

< ,
Slew left

> .
Slew down

? /
Slew right

R SHIFT

L CTRL

L WIN

L ALT

SPACE
Gun trigger
Weapon release

R ALT

R WIN

R CLICK

R CTRL

DCS A-10C WARTHOG

PRT SCR
Screenshot

SCR LK
Active Pause O/F

PAUSE
Pause O/F
Frame rate

INS
Nose wheel steer

HOME
DMS forward
Eng start right
Eng start left
Start procedure

PAGEUP

DEL
DMS left

END
DMS aft
Eng stop right
Eng stop left
Stop procedure

PAGEDN
DMS right

NUM
Unlock view (stop Padlock)

/
Zoom in

*
Zoom out

-
Throttle down

7
View up left

8
View up

9
View up right

+
Throttle up

4
View left

5
View center

6
View right

1
View down left

2
View down

3
View down right

ENTER
Zoom normal

UP
Fly down

LEFT
Fly left

DOWN
Fly up

RIGHT
Fly right

0
Cockpit panel view snap

.
Lock view (cycle Padlock)
All missile PL
Threat missile PL
Lock terrain v

Ground Threats

RADAR GUIDED					
RWR	Name		Range	Altitude	Speed
3	SA-3 Armament x 4 missiles		Min 3.2nm Max 13.5nm	Min 330ft Max 82,000ft	Mach 3+
6	SA-6 Kub Armament x 3 missiles		Min 2nm Max 13nm	Max 46,000ft	Mach 2.8
8	SA-8 Osa Armament x 6 missiles		Min 0.8nm Max 5.4nm	Min 80ft Max 19,700ft	Mach 2.4
10	SA-10 Armament x 4 missiles		Min Max 25nm	Min Max 98,500ft	Mach 6
11	SA-11 Buk Armament x 4 missiles		Min 2nm Max 13nm	Min Max 39,400ft	Mach 2.8

















GROUND RADARS		
RWR	Name	
6	SA-6 Kub	
BB	SA-10 Big Bird search radar	
CS	SA-10 Clam Shell low altitude search radar	
SD	SA-11 Snow Drift search radar	
DE	Dog Ear search radar	
RO	Roland	
PA	Patriot	
HA	I-Hawk	
S	Early warning radar	
L	Laser illumination	

IR GUIDED					
RWR	Name		Range	Altitude	Speed
	SA-9 Strela-1 Armament x 4 missiles		Min 0.5nm Max 2.3nm	Min 100ft Max 11,500ft	Mach 1.8
13	SA-13 Strela-10 Armament x 4 missiles		Min 0.1nm Max 2.7nm	Min 30ft Max 11,500ft	Mach 2
15	SA-15 Tor Armament x 8 missiles		Min 0.5nm Max 6.5nm	Max 19,700ft	Mach 2.8
	SA-18 IGLA Manpad Armament x 1 missiles		Max 2.8nm	Max 9,800ft	
S6	SA-19 (2S6) Tunguska Armament x 8 missiles x 2000 ammo		Min 0.8nm Max 6.5nm	Max 19,700ft	Mach 2.8
AAA					
RWR	Name		Range	Altitude	Speed
A	ZSU-23 Shilka Armament x 2000 ammo		Max 1.3nm	Max 4,900ft	

Airborne Radars

RADAR	
RWR	Name
M	Missile
E2	E2A AWACS
E3	E3C AWACS
F4	F4
M2	Mirage 2000
F5	F5
14	F14
15	F15
16	F16
18	FA18
23	MIG23
25	MIG25
29	MIG29, Su27, Su33
31	MIG31
30	Su30
34	Su34

Weapons

TYPE		DESCRIPTION	LOAD	TARGET TYPES
Mk-20		Rockeye - Cluster bomb with 247 bomblets		Light armour, vehicles, anti-personnel
Mk-82		Low Drag General Purpose Unguided Bomb	500 lb	General targets
Mk-84		Low Drag General Purpose Unguided Bomb	2000 lb	General targets
Mk-82AIR		High Drag General Purpose Unguided Bomb	500 lb	Low altitude general targets
CBU-87		Cluster Bomb Unit Combined Effects Munitions	950 lb	Lightly armored, unarmored targets and anti-personnel
CBU-97		Cluster Bomb Unit Combined Effects Munitions	950 lb	Armored targets
CBU-103		CBU-87 fitted with Inertial Navigation Guidance	950 lb	Lightly armored, unarmored targets and anti-personnel
CBU-105		CBU-97 fitted with Inertial Navigation Guidance	950 lb	Armored targets
GBU-10 Paveway II		Laser Guided Bomb	2000 lb	Large and hardened targets
GBU-12 Paveway II		Laser Guided Bomb	600 lb	Hardened targets
GBU-31		Joint Directed Attack Munition (JDAM)	2000 lb	Large and hardened targets
GBU-38		Joint Directed Attack Munition (JDAM)	550 lb	Hardened targets
AGM-65D		Maverick IR-seeker	125 lb warhead	Small targets and vehicles
AGM-65G		Maverick IR-seeker	300 lb warhead	Heavyweight Penetrator
AGM-65H		Maverick Electro-optical TV-seeker	125 lb warhead	Small targets and vehicles
AGM-65K		Maverick Electro-optical TV-seeker	300 lb warhead	Heavyweight Penetrator
AIM-9M		Sidewinder Air-to-air missile IR-seeker	200 lb	Aircraft
MK1, MK61, WTU1B		Rocket - Inert Practice Rocket	25 lb	
MK5		Rocket - high explosive anti-tank warhead	25 lb	
M151		Rocket - Anti-personnel fragmentation warhead	25 lb	
M156		Rocket - White phosphorus smoke warhead	25 lb	
M274		Rocket - Training smoke marker	25 lb	
M257		Rocket - Parachute retarded illumination flare	25 lb	
BDU-50LD		Training version of Mk-82		Practice targets
BDU-50HD		Training version of Mk-82AIR		Practice targets
BDU-33		Training version to mimic larger general purpose bombs		Practice targets
LUU-28/B		Flare		
LUU-19		Flare IR illumination to assist night vision devices		
AN/AAQ-28		Litening AT Targeting Pod	440 lb	
AN/ALQ-131		ECM pod		

Airports



AIRFIELD	ICAO	CO-ORDINATES	TOWER FREQ	ILS	TACAN
Anapa	URKA	44o59'36"N,37o20'19"E	121.0MHz		
Batumi	UGSB	41o36'58"N,41o35'31"E	131.0MHz	13, 110.3MHz	16X BTM
Beslan	URMO	43o12'26"N,44o35'19"E	141.0MHz		
Gelendzhik	URKG	44o33'54"N,38o00'25"E	126.0MHz		
Gudauta	UG23	43o06'09"N,40o34'01"E	130.0MHz		
Kobuleti	UG5X	41o55'36"N,41o51'05"E	133.0MHz	07, 111.5MHz	67X KBL
Kopitnari-Kutaisi	UGKO	42o10'30"N,42o28'05"E	134.0MHz	08, 109.75MHz	44X KTS
Krasnodar Center	URKI	45o05'03"N,38o57'34"E	122.0MHz		
Krasnodar-Pashkovskty	URKK	45o01'52"N,39o08'38"E	128.0MHz		
Krymsk	URKW	44o58'27"N,38o00'37"E	124.0MHz		
Maykop-Khanskaya	URKH	44o41'22"N,40o03'08"E	125.0MHz		
Mineralnye Vody	URMM	44o12'58"N,43o06'13"E	135.0MHz	12, 111.7MHz 30, 109.3MHz	
Mozdok	XRMF	43o47'26"N,44o34'44"E	137.0MHz		
Nalchik	URMN	43o30'29"N,43o37'30"E	136.0MHz	24, 110.5MHz	
Novorossiysk	URKN	44o39'36"N,37o46'25"E	123.0MHz		
Senaki-Tskhakaya	UGKS	42o14'31"N,42o02'08"E	132.0MHz	09, 108.90MHz	31X TSK
Sochi-Adler	URSS	43o06'17"N,40o35'26"E	127.0MHz	06, 111.1MHz	
Soganlug	UG24	41o39'26"N,44o55'48"E	139.0MHz		
Sukhumi	UGSS	42o51'21"N,41o09'17"E	129.0MHz		
Tbilisi	UGTB	41o40'37"N,44o56'37"E	138.0MHz	13, 110.3MHz 31, 108.9MHz	
Vaziani	UG27	41o37'09"N,45o02'10"E	140.0MHz	14, 108.75MHz	22X VAS
Banodzha		42o15'54"N, 42o39'24"E			
Kvitiri		42o14'53"N, 42o37'50"E			
Ochkhamuri		41o50'17"N, 41o48'02"E			