

Keyboard Map

ESC
End Mission

F1
Cockpit view
Natural head move
Head shift move
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
Look back
Chase view

F5
Near A/C view
Ground hostile
ALock nrst Arcft

F6
Released wpn v
Missile labels
Wpn to Tgt view
ALock cntr Arcft

F7
Gnd unit view
ALock nxt Arcft

F8
Target view
Player/all targets
ALock prev Arcft

F9
Ship view
ShipVehicle label
Landing officer v
ALock nrst gnd tgt

F10
Map view
All labels
Map current point
ALock cntr gnd tgt

F11
Airport view
Free camera v
ALock nxt gnd tgt

F12
Static view
TrainsCars O/F
Civilian traffic v
ALock prev gnd tgt

~
Multiplayer chat All
Next WP, Af or Tgt
Multiplayer chat allies

1
Nav modes
A/P Attitude hold

2
BVR mode
A/P Alt & roll hold

3
Vertical Scan mode
Autopilot Lvl flight

4
Boresight mode
A/P Baro Alt hold

5
Helmet mode
A/P radar Alt hold

6
Phi-zero mode (backup)
A/P route follow

7
Air to Grnd mode

8
Gunsight mode

9
Autopilot disengage

0
Radar scan -
Target size -

-
Radar scan +
Target size +

+
=

BACKSPACE
Target unlock

TAB
Respawn

Q
Countermeasures
Clrmeasrs-continuous
Attack my Tgt

W
Wheel break
Jettison Weapons
Cover me
Launch perm ovr

E
ECM
IR jamming
Eject (3 times)
Complete+RTB

R
Dump fuel
Complete+rejoin
RWR declutter
Jettison fuel tanks

T
Smoke
Trim reset
Formation O/F

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

U
Ship launch position
AWAC Home

I
Radar O/F
AWAC Tanker
Radar modes H/M/L
Tgt designtr center
Rdr detect modes
(TWS/RWS)

O
Electro-optical O/F

P
Dragging chute
Fold wings

[
Mouse fast
Mouse slow
Mouse norm

]
Keyboard fast
Keyboard slow
Keyboard norm

\
/
Comm menu
Switch dialog
Switch to main menu

CAPSLOCK
Track IR reset

A
AutoPilot O/F

S
Sound O/F

D
Weapon change
Atk air defenses

F
Flaps up/down
Flaps down
Flaps up

G
Gear up/down
Attack Gnd Tgt
Hook
Emergency gear

H
Autopilot Alt hold
HUD bright +
HUD colour

J
Cam jiggle O/F
Jump other plane

K
keep terrain cam alt

L
Cockpit lights
Navigation lights
Gear light N/F/O

;
:
Tgt designtr up
Scan zone up

"/
'
Cons/score
Rearm/Refuel

RETURN
Lock target
Show controls indicator O/F

L SHIFT

Z
Rudder left
Time = 1
Time +
Camera pan mode
Time -

X
Rudder right

C
Cannon
Cut of burst selct
Canopy O/C
Ckable ckpt O/F
Flight clock

V
Ripple Intv +
Ripple Intv -
Salvo mode

B
Airbrake
Airbrake on
Airbrake off
View briefing

N
Reset warning
Mirror left

M
Master mode
Mirror right

<
/
Tgt designtr left
Scan zone left
RWR/SPO vol -

>
.
Tgt designtr down
Scan zone down
RWR/SPO vol +

?
/
Tgt designtr right
Scan zone right

R SHIFT

L CTRL

L WIN

L ALT

SPACE
Fire weapon

R ALT

R WIN

R CLICK

R CTRL

PRT SCR
Screenshot

SCR LK
Active Pause O/F

PAUSE
Pause O/F
Frame rate

INS
Chase release
Obj all excluded

HOME
Eng start right
Eng start left
Start procedure

PAGEUP
Thrust up
Obj switch bkwd

DEL
Flare release
Obj exclude
View all mode

END
Eng stop right
Eng stop left
Stop procedure

PAGEDN
Thrust down
Obj switch fwd

NUM
Unlock view
(stop Padlock)

/
Zoom out
F11 cam bkwd
Zoom ext out

*
Zoom in
F11 cam fwd
Zoom ext in

-
Power down

7
View up left

8
View up

9
View up right
Tracking fire
weapon O/F

+
Power up

4
View left

5
View center
Camera center

6
View right

1
View down left

2
View down

3
View down right

ENTER
Zoom normal
Zoom ext
normal

0
Cockpit panel view snap
Save cockpit angles

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

DCS SU-27/33 Flanker

Ground Threats

RADAR GUIDED					
RWR	Name		Range	Altitude	Speed
HA	HAWK		Min 2km Max 32km	Min 60m Max 13,700m	Mach 2.7
	Armament x 3 missiles				
PA	PATRIOT		Min 3km Max 160km	Min 60m Max 24,240m	Mach 5
RO	ROLAND		Min 0.5km Max 6.3km	Min 10m Max 5500m	Mach 1.6
GROUND RADARS					
RWR	Name				
HA	HAWK track radar		HAWK search radar		
PA	PATRIOT search & track radar				
S	Early warning radar				

IR GUIDED					
RWR	Name		Range	Altitude	Speed
	STINGER		Min 0.2km Max 8km	Max 3800m	Mach 2.2
	AVENGER M1097 PMS		Min 0.3km Max 7km		Mach 2.2
	LINEBACKER M6 - Bradley		Max 3km		Mach 2.2
	CHAPARRAL M48		Min 0.4km Max 8.5km	Max 3000m	Mach 2.5
AAA					
RWR	Name		Range	Altitude	Speed
GP	GEpard 1A2		Max 3km		
	VULCAN M-163		Max 2.6km		




















Airborne Radars

RADAR	
RWR	Name
M	Missile
E2	E2C AWACS
E3	E3A AWACS
F4	F4
F5	F5
M2	Mirage 2000
14	F14
15	F15
16	F16
18	FA18
23	MIG23
25	MIG25
27	Su27
29	MIG29
31	MIG31
30	Su30
33	Su33
34	Su34
50	A-50

T = Fighter aircraft radar or active missile radar
3 = Long range SAM
X = Medium range SAM
H = Short range SAM
F = Ground based early warning radar
C = AWAC's

beniboy

Weapons

TYPE			DESCRIPTION	RANGE	LOAD	TARGET TYPES
R-73 Archer			Short range IR air-to-air missile	20km	105 kg	Aircraft
R-27R R-27ER			Medium range Semi Active Radar Homing missile	35km	253kg 350kg	Aircraft
R-27T R-27ET			Medium range IR air-to-air missile	35km	254kg 343kg	Aircraft
FAB - 250			General purpose freefall bomb		250 kg	General ground targets
FAB - 500			General purpose freefall bomb		500 kg	General ground targets
RBK - 250 PTAB-2.5M			Cluster freefall 30 x 2.5kg anti-tank bomblets		275 kg	Formation armour (Tanks / APC)
RBK - 500 PTAB-10.5			Cluster freefall 30 x 10kg anti-tank bomblets		504 kg	Formation armour (Tanks / APC)
RBK - 500 PTAB-1M			Cluster freefall 352 x 1kg anti-tank bomblets		504 kg	Formation armour (Tanks / APC)
KMGU-2 AO-2.5RT			Submunition dispencer for 96 x 2.5kg anti-personnel / material bomblets		525kg	Soft targets
KMGU-2 PTAB-2.5KO			Submunition dispencer for 96 2.5kg anti-tank bomblets		525kg	Formation armour (Tanks / APC)
BetAB - 500			Freefall penetration bomb		478 kg	Concrete piercing, bunkers, concrete runways
BetAB-500shp			Penetration bomb with rocket / parachute system		380 kg	Concrete piercing, bunkers, concrete runways
SAB-100			Freefall parachute Illumination Bomb		100kg	
S-8 KOM			20 x 80mm unguided rocket HEAT	2km		Light armour / soft targets
S-8 OFP2			20 x 80mm unguided rocket Blast anti personnel / material	3km	15kg	
S-8 TsM			20 x 80mm unguided rocket Smoke (target designation)	2km	15kg	
S-13 OF			122mm unguided rocket - Anti personnel / material	3km	68kg	Unarmoured targets, pillboxes, Shelters, runways
S-25 OFM			340mm unguided rocket - Blast anti personnel/material	3km	480kg	

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			