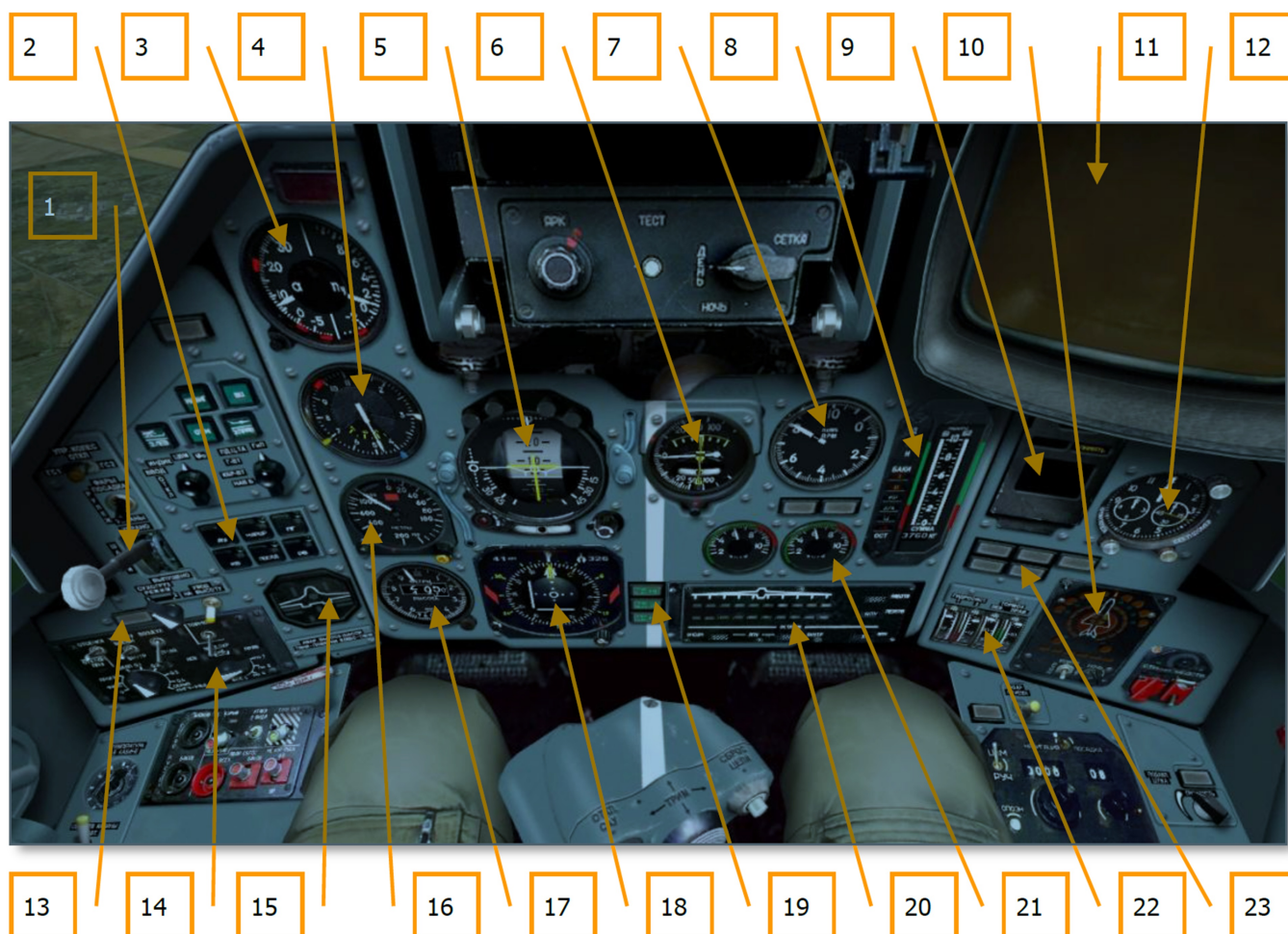


Aerodrome IDs

ID	ICAO	Aerodrome Name	Alternate
01	URKA	Anapa	03
02	URKL	Krasnodar Center	08
03	URKN	Novorossiysk	06
04	URKW	Krymsk	03
05	URKH	Maykop - Khanskaya	08
06	URKG	Gelendzhik	03
07	URSS	Sochi - Adler	10
08	URKK	Krasnodar - Pashkovsky	02
09	UGSS	Sukhumi - Babushara	10
10	UG23	Gudauta	09
11	UGSB	Batumi	13
12	UGKS	Senaki - Kolkhi	14
13	UG5X	Kobuleti	12
14	UGKO	Kutaisi - Kopitnari	12
15	URMM	Mineralnye Vody	16
16	URMN	Nalchik	17
17	XRMF	Mozdkok	21
18	UGTB	Tbilisi - Lochini	19
19	UG24	Tbilisi - Soganlug	18
20	UG27	Vaziani	18
21	URMO	Beslan	17

SU-25T COCKPIT INSTRUMENTS



- | | |
|-----------------------------------------|-----------------------------------------------|
| 1. Landing gear control lever | 13. IR jammer indicator lamp |
| 2. Autopilot control panel (ACS) | 14. Weapon system control panel (WCS) |
| 3. Angle of Attack (AOA) and "G-meter" | 15. Flaps, airbrake & landing gear indicator |
| 4. Airspeed indicator (IAS) | 16. Radar altimeter |
| 5. Attitude director indicator (ADI) | 17. Barometric pressure altimeter |
| 6. Vertical velocity indicator (VVI) | 18. Horizontal situation indicator (HSI) |
| 7. Tachometer (RPM) | 19. Neutral trim in pitch, roll and yaw lamps |
| 8. Fuel quantity indicator | 20. Weapon status panel |
| 9. "EKRAN" built-in test system display | 21. Engine temperature |
| 10. Radar warning receiver (RWR) | 22. Hydraulic pressure meters |
| 11. CRT television display | 23. Warning lamps |
| 12. Aircraft clock | |

MISSILES

Weapon	Type	Guidance	Range (km)	Warhead (kg)	Weight (kg)	Speed	Intended Targets
9A4172 Vikhr	Medium-range, anti-tank, laser-guided	Semi-Active Laser	10	12	45	Mach 1.8	Armored vehicles, slow air targets
Kh-29L	Medium-range, laser-guided, air-to-surface	Semi-Active Laser	10	317	657	Mach 2.5	Fortifications, strong points, bridges, CCC, artillery and missile emplacements, boats
Kh-29T	Medium-range, TV-guided, air-to-surface	TV-command	12	317	670	Mach 2.5	Fortifications, strong points, bridges, CCC, artillery and missile emplacements, boats (fire and forget)
Kh-58	Medium-range, anti-radar, air-to-surface	Inertial and Passive Radar	70	320	640	Mach 4	SAM Radars - Requires L-081 Fantasmagoria Pod (fire and forget)
S-25L	340 mm laser guided	Semi-Active Laser	3	190	480	2520 km/h	Soft targets, concrete targets
Kh-25 ML	Medium-range, laser-guided, air-to-surface	Semi-Active Laser	11	90	300	Mach 0.72	Fortifications, strong points, bridges, CCC, artillery and missile emplacements
Kh-25 MP	Medium-range, anti-radar, air-to-surface	Semi-Active Laser	25	90	320	Mach 0.76	SAM Radars - Requires L-081 Fantasmagoria Pod (fire and forget)

ROCKETS

Weapon	Type	Guidance	Range (km)	Warhead (kg)	Weight (kg)	Speed (km/h)	Intended Targets
S-13 OF	122 mm unguided aircraft rocket	Unguided	2.5	32.5	68 (505)	2700	5 x APAM Fragmentation Rocket Designed for strikes against fortified and hardened objects (pillboxes, shelters, airport aprons and runways)
S-8 KOM	80 mm unguided aircraft rocket	Unguided	1.3-4	3.6	11.3 (386)	2196	20 x AT Fragmentation Rocket (400mm penetration) This rocket is intended to engage modern tanks, lightly armored and soft-skinned combat materiel. Owing to the fragmentation effect, the rocket also inflicts damage on manpower
S-8 OFP2	80 mm unguided aircraft rocket	Unguided	6-7	9.2	16.7 (402)	-	20 x HE Fragmentation Rocket This rocket is designed to engage personnel, soft and lightly armored targets
S-8 TsM	80 mm unguided aircraft rocket	Unguided	1.3-3	3.6	11.1 (382)	-	20 x Smoke This rocket is intended to mark ground targets, routes of movement and landing areas in daytime
S-24 B	240 mm unguided aircraft rocket	Unguided	2	123	235	2520	1 x Blast Fragmentation Frag warhead for large area or soft targets
S-25 OFM	340 mm unguided aircraft rocket	Unguided	3	190	480	2520	1 x Ultra heavy FFAR (folding-fin-aerial-rocket) Soft targets, concrete targets
S-5 KO	57mm unguided aircraft rocket	Unguided	3	1.05	3.86 (264)	2422.8	32 x HEAT Fragmentation Rocket Frag warhead soft / armour targets

BOMBS (PART 1)

Weapon	Type	Guidance	Range (km)	Warhead (kg)	Weight (kg)	Intended Targets
BetAB-500	Penetration bomb with retarding system	Free fall	-	75.8	478	Concrete piercing, bunkers, concrete runways
BetAB-500ShP	Penetration bomb with rocket / parachute system	Parachute / Rocket	-	77	380	Concrete piercing, bunkers, concrete runways
FAB-100	General purpose bomb	Free fall	-	44.9	99.8	Wide variety of targets, including artillery, trucks, bunkers, antiaircraft artillery sites, ammunition dumps, railway engines, light surface vessels and supply points
FAB-250	General purpose bomb	Free fall	-	120	249	Military-industrial sites, railway junctions, field facilities, personnel, light armoured vehicles and trucks
FAB-500 M62	General purpose bomb	Free fall	-	240	506	Defence industry facilities, light armoured vehicles, railway junctions, fortifications and personnel
KAB-500kr	TV-guided bomb	TV-command	17	195	560	Wide variety of targets, including artillery, trucks, bunkers, antiaircraft artillery sites, early warning radars, and supply points (fire and forget)

BOMBS (PART 2)

Weapon	Type	Guidance	Range (km)	Warhead (kg)	Weight (kg)	Intended Targets
KMGU-2 96 AO 2.5RT	Dispenser	Free fall cluster disp.	50-150m	96 x 2.5kg	525	96 x 2.5kg Frag bomblets Each bomblet has a kill radius of 30m against material, 20m against unsheltered personnel and 10m against entrenched personnel
KMGU-2 96 PTAB 2.5KO	Dispenser	Free fall cluster disp.	50-150m	96 x 2.5kg	525	96 x 2.5kg Armor piercing, anti-tank and anti-personnel capability
MBD-2-67U - 4 FAB-100	Bomb rack of 4 FAB-100's	Free fall	-	4 x 44.9kg	4 x 99.8kg	Wide variety of targets, including artillery, trucks, bunkers, antiaircraft artillery sites, ammunition dumps, railway engines, light surface vessels and supply points
RBK-250 PTAB-2.5M	Multipurpose cluster bomb	Cluster free fall	2.5 per 30 bmbt.	94	275	30 x 2.5kg General purpose, armoured targets
RBK-500 PTAB-10.5	Anti-personnel/anti-material cluster bomb	Cluster free fall	10 per 30 bmbt.	-	504	30 x 10kg General purpose, armoured targets
RBK-500U PTAB-1M	Anti-personnel/anti-material cluster bomb	Cluster free fall	1 (per) 352 bmbt.	-	504	352 x 1kg General purpose, armoured targets
SAB-100	Illumination bomb	Free fall / Parachute	1-3km altitude	-	-	Dispenses 8 LUU-2B/B illumination flares

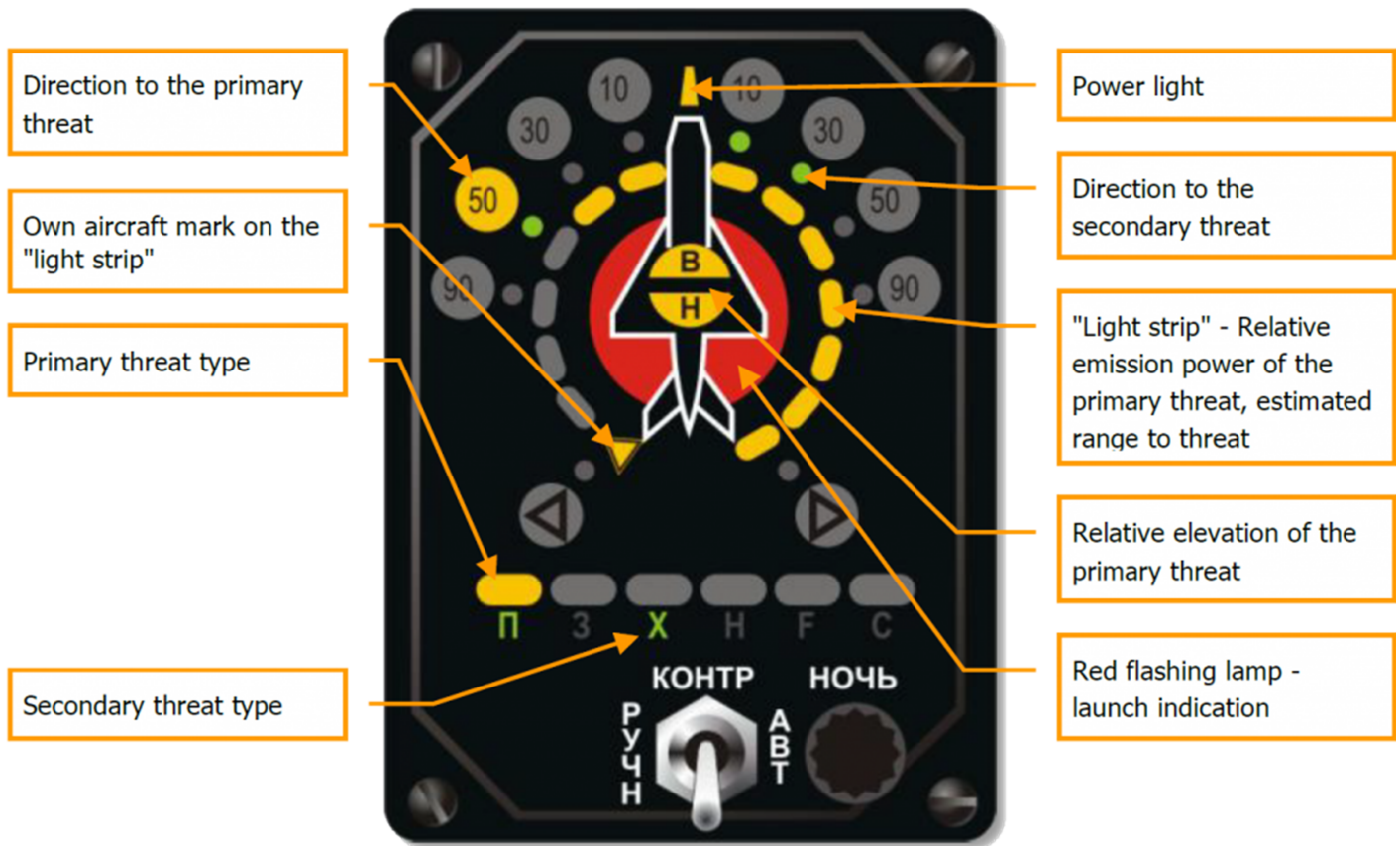
PODS AND FUEL TANKS

NAME	TYPE	LOCATION	PURPOSE
MPS-410	ECM Pod	Wingtip	Jams enemy radar homing missiles. Gives position away
Mercury LLTV	Targeting	Centerline	Targeting pod with low light camera
L-081 Fantasmagoria	ELINT Pod	Centerline	Receives & locates enemy radars - needed for Kh-58 / Kh-25MP
Fuel tank 800L Wing	Fuel Tank	Stations 3-5-7-9	Drop when empty
SPPU - 22-2	Gun pod	Stations 5-4-7-8	Range: 3km
Smoke Generator - Colors (Blue,Green,Orange,Red,White,Yellow)	Smoke	Stations 5-4-7-8	Look like R-73 missiles

AIR-TO-AIR MISSILES

Weapon	Type	Guidance	Range (km)	Warhead (kg)	Weight (kg)	Speed (Mach)	Intended Targets
R-60M	Short-range, infrared, air-to-air missile	IR	5	6	65	2	Aircraft
R-73	Medium-range, infrared, air-to-air missile	IR	15	7.4	110	2.5	Aircraft

SU-25T RADAR WARNING RECEIVER



П – airborne radar

З - long-range radar

Х - medium-range radar

Н - short-range radar

В - early warning radar

С - AWACS

SAM CHART (NATO)

RADAR	PICTURE	RWR	RANGE (KM)	CEILING (KM)	AMMO
PATRIOT		PA	160	24.2	4
HAWK		HA	32	13.7	3
ROLAND		RO	6.3	5.5	2
GEPARD		A	3	-	620
VULCAN		-	2.6	-	2280
INFRA-RED	PICTURE	RWR	RANGE (KM)	CEILING (KM)	AMMO
CHAPARRAL		-	8.5	3	4
AVENGER		-	7	3	8
LINEBACKER		-	8	3	4
STINGER		-	8	3.8	-

SAM CHART (RUSSIA)

RADAR	PICTURE	RWR	RANGE (KM)	CEILING (KM)	AMMO
S-300		BB	47	30	4
SA-11 BUK		SD/11	32	15	4
SA-6 KUB		6	24	14	3
SA-15 TOR		15	12	11	8
SA-8 OSA		8	7	7	6
TUNGUSKA		S6	12	6	8
SHILKA		A	2.5	2.5	2000
INFRA-RED	PICTURE	RWR	RANGE (KM)	CEILING (KM)	AMMO
SA-10 STRELA		-	5	3.5	4
SA-9 STRELA		-	4.2	3.5	4
SA-18 IGLA		-	5	3	-