

Cockpit positions	LF - Left Fore	CL - Center Left	RF - Right Fore
	LM - Left Middle	C - Center	RM - Right Middle
	LA - Left Aft	CR - Center Right	RA - Right Aft



BEFORE START

Door	CLOSE
BAT1 & BAT2 switches (RF)	2x ON
INV switch (RF)	AUTO
INT.COM / VHF-1 & 2 / DL / VHF-TLK / SA-TLF (RM)	6x ON
FUEL-QTY switch (RM)	ON
EKRAN HYD TRANS PWR switch (RA)	OPER & COVERED
INU & INU HEAT switches (RA)	2x ON
PVI-800 Nav Mode selector (RF)	OPER
NAV switch (RM)	ON
STANBY SAI switch (RM)	ON
Master Caution (CL)	RESET
ABRIS Power switch (C)	ON
K-041 Targeting System switch (LF)	ON
HMS switch (LF)	ON

INU alignment ~3 min.

Fire extinguisher switch (RM)	OPER
EJECT-SEAT-SYS switches (RM)	3x ON & COVERED
ANTI-COL BEACON switch (RM)	ON

ENGINE START

Rotor Brake (LA)	RELEASE
Throttle levers (LA)	Advance to AUTO
FWD & AFT Fuel pumps switches (RM)	2x ON
LEFT, RIGHT & APU Fuel Shutoff Valves switches (RM)	3x ON
LH & RH EEG switches (RA)	2x ON & COVERED
Start / Crank / False Start switch (LF)	Set to START
Turbo Gear / APU / LH&RH Engine switch (LF)	Set to APU
Start button (LF)	DEPRESS for 3"

APU ON light

Turbo Gear / APU / LH&RH Engine switch (LF)	Set to LH
Start button (LF)	DEPRESS for 3"

At ~20% RPM

LH Engine Cut-Off Valve (LM)OPEN

When left engine stabilized repeat for right engine

Both engines stabilized & rotor speed 95-100% RPM

Turbo Gear / APU / LH&RH Engine switch (LF)	NEUTRAL
APU SHUTOFF button (LF)	DEPRESS
APU Fuel Shutoff Valve switch (RM)	OFF & COVERED

POST-START

LF & RH AC SYS GEN switches (RF)	2x ON
HMS Display	STOW / As des.
IFF switch (RM)	ON
Standby Attitude Indicator (CR)	UNCAGE
ENG ANTI-ICE / DUST switch (Overhead)	As req.
UV-26 Countermeasures Power switch (RA)	ON
L-140 Laser Warning Receiver switch (RA)	ON
PVI-800 Operating Mode selector (RF)	COM / As des.
Navigation Datalink Power switch (RF)	DL
PVI-800 Datalink ID (RF)	SET
BANK, PITCH & YAW Stability aug. channels (RF)	ENGAGE
ABRIS	Set NAV Page
ODS switch (CL)	As des.
Interior Lights (RA)	As des.
BLADE TIP LIGHTS (RA)	As des.
NAV LIGHTS (Overhead)	As des.

TAXI

Parking Brake	RELEASE
Cyclic	FORWARD
Collective	SLOWLY RAISE

AFTER TAKE-OFF

Gear	UP
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LANDING

Armament	SAFE
Approach speed & descent rate	100-120 km/h & 3-5 m/s
Gear	DOWN

SHUTDOWN

Parking Brake	SET
EJECT-SEAT-SYS switches (RM)	3x OFF & COVERED
NAV LIGHTS (Overhead)	OFF
Navigation Datalink Power switch (RF)	OFF
UV-26 Countermeasures Power switch (RA)	OFF
L-140 Laser Warning Receiver switch (RA)	OFF
Standby Attitude Indicator (CR)	CAGE
IFF switch (RM)	OFF
LF & RH AC SYS GEN switches (RF)	2x OFF
Throttle levers (LA)	IDLE
LH & RH Engine Cut-Off Valves (LM)	CLOSE
LH & RH EEG switches (RM)	2x OFF & COVERED
LEFT & RIGHT Fuel Shutoff Valves switches (RM)	2x OFF

SHUTDOWN (CONTINUED)	
FWD & AFT Fuel pumps switches (RM)	2x OFF
Rotor Brake (LA)	APPLY
Fire extinguisher switch (RM)	OFF
HMS switch (LF)	OFF
K-041 Targeting System switch (LF)	OFF
ABRIS Power switch (C)	OFF
STANBY SAI switch (RM)	OFF
NAV switch (RM)	OFF

FENCE-IN	
W-SYS switch (Weapons Power, RM)	ON & COVERED
Laser Power switch (LF)	LAS
Master Arm switch (C)	ARM

2A42 30mm AUTO-CANNON	
Optional Auto-Hover switch (Cyclic)	ON
Gun Safety (Cyclic)	OFF
MOV GND TGT button (LF)	ON / As req.
AUTO TURN button (LF)	ON / As req.
Auto-tracking switch (LF)	AT / As req.
Cannon Mode knob (LF)	MOV
Weapon Launch Mode switch (C)	AUTO
Weapon Burst Length switch (C)	As des.
Ammunition Type switch (C)	As req.
Fire Rate switch (C)	As des.
Target	ACQUIRE IN HMS
SHKVAL	UNCAGE
SHKVAL FOV	SET
Target	LOCK WITH SHKVAL

FAB-250 BOMBS & KMGU-2 CLUSTER DISPENSERS	
Weapon switch (Collective)	RIGHT (Inner Pylons) / As req.
Fly > 200m	
IGLA A/A MISSILE	
Weapon switch (Collective)	FWD (A/A)
A/A HO button (Head-On target, LF)	As req.
Weapon Launch Mode switch (C)	AUTO
Weapon Release button (Cyclic)	DEPRESS to arm missile

SHUTDOWN (CONTINUED)	
PVI-800 Nav Mode selector (RF)	OFF
INU & INU HEAT switches (RA)	2x OFF
EKRAN HYD TRANS PWR switch (RA)	OFF & COVERED
FUEL-QTY switch (RM)	OFF
INT.COM / VHF-1 & 2 / DL / VHF-TLK / SA-TLF (RM)	6x OFF
INV switch (RF)	OFF
BAT1 & BAT2 switches (RF)	2x OFF

VIKHR / KAREN MISSILES	
Optional Auto-Hover switch (Cyclic)	ON
Weapon switch (Collective)	LEFT (Outer Pylons) / As req.
MOV GND TGT button (LF)	ON / As req.
AUTO TURN button (LF)	ON / As req.
Auto-tracking switch (LF)	AT / As req.
Laser Mode selector (C)	STDBY
Laser Code selector (C)	As req.
Weapon Launch Mode switch (C)	As des.
Weapon Burst Length switch (C)	As des. (1/2 missiles)
Target	ACQUIRE IN HMS
SHKVAL	UNCAGE
SHKVAL FOV	SET
Target	LOCK WITH SHKVAL

UNGUIDED ROCKETS & AUTO-CANNON PODS	
Weapon switch (Collective)	RIGHT (Inner Pylons) / As req.
MOV GND TGT button (LF)	ON / As req.
Auto-tracking switch (LF)	AT / As req.
Rocket Type selector (RA)	SET
0: S-8KOM rockets with AT/AP warhead 3: S-24 (not implemented) 1: S-8TsM rockets (smoke warhead) 4: S-8M HE rockets 2: S-13 rockets 5: UPK-23 gun pods, twin 23mm	
Weapon Burst Length switch (C)	As des.

SHORT = 1 pair / MED = 5 pairs / LONG = 10 pairs	
Target	ACQUIRE IN HMS
SHKVAL	UNCAGE
SHKVAL FOV	SET
Target	LOCK WITH SHKVAL
Fire when the two circles are aligned	