

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

- DoorsCLOSE
- Left & Right circuit breakers panels (LA & RA).....ALL ON
- Left & Right Batteries switches (RM)2x ON
- DC Selector knob (RM)Set to BATT
- POWER FROM BATT switch (RM)ON
- Inverter #1 (PO-750) switch (RM).....ON
- AC Selector knob (RM)Set to 115 (Inverter)
- Fire extinguisher Master switch (LF)ON
- Fire extinguisher Check switch (LF)FIRE EXT.
- No.1 & No.2 Service tanks Fuel Valves (RM).....2x OPEN
- Left & Right Engine Fuel shutoff Valves (RM)2x OPEN
- Crossfeed Valve control switch (RM)OPEN
- If equipped** External tanks Fuel Pump switch (RM).....ON
- No. 4/5/1/2 Fuel Pump switches (RM).....4x ON
- Engine Control levers (LM).....CHECK MIDDLE DETENT
- Throttle (Collective)FULL LEFT
- Rotor Brake (RM).....RELEASE
- Door Sealing wheel (LM)SEAL
- Parking Brake (Cyclic)ENGAGE
- TAIL STROBE switch (Beacon, LM).....ON

ENGINE START

- APU Mode switch (LM)START
- APU START button (LM)DEPRESS for 4”
- APU ON light**
- Engine Start Mode switch (LM)START
- Engine Start Selector switch (LM)LEFT or Downwind 1st
- ENGINE START button (LM)DEPRESS for 2-3”
- STARTER ON & AUTO ON Lights (LM).....CHECK ON

LH Engine Fuel Shutoff lever (LA)FWD

When 1st engine stable (N1 70-75%) repeat for 2nd engine

Both engines stabilized & rotor speed 45-70% RPM

- Engine Dust Protector System Power switch (LF)ON
- ThrottleAdvance to MAX

POST-START

- Left & Right Generator switches (RM)2x ON
- POWER FROM BATT switch (RM)OFF
- Inverter #1 (PO-750) switch (RM)OFF
- 115V & 36V Transformers switches (RM)2x MAIN

POST-START (CONTINUED)

- Left & Right Rectifiers switches (RM).....2x ON
- APU STOP button (LM).....DEPRESS
- Air Conditioner Mode switch (RM)CONDITION
- INTERCOM NET 1 & 2 Power switches (LA).....2x ON
- R-863 / YADRO / R-828 Radios Power switches (LA)3x ON
- RAD. ALT. & DOPPLER Power switches (LA).....2x ON
- VERT GYROS 1 & 2 Power switches (LA).....2x ON
- COMP. SYSTEM Power switch (LM).....ON
- Radar Warning Power & Signal switches (LM).....2x ON
- BLINK switch (LM)ON
- IFF Power switch (LM)ON
- ARK-U2 Power switch (Homing Set, LA)ON
- Vertical Gyro 1 & 2 Caging buttons (CL)2x DEPRESS for 2”
- GYRO flags on ADI (C)CHECK OFF

3’ after COMP. SYSTEM ON

- GREBEN Mode selector (Course control, LM).....Set to MAG
- GREBEN SYNCH button (LM)DEPRESS for 3”
- ARK-15M Mode selector (ADF, LM).....COMP
- SPUU-52 Tail Rotor Pitch Limit System Power switch (LF)ON
- Roll & Pitch Autopilot Control Channels (LF).....ENGAGE
- Left & Right PITOT HEAT switches (LM)ON / As req.
- Doppler Control Panel Mode selector (RF)OPER
- Map Power switch (CR)ON
- Helicopter position (on map).....SET
- AUX STORES LIGHTS switch (RF)ON
- SIGHT Power switch (C).....ON
- NAV LTS switch (Navigation Lights, LF).....ON / As req.
- FORM & BLADE TIPS LIGHTS switches (LM).....ON / As req.
- Weapons & CountemeasuresON **(Petrovich, Lctrl-W)**

TAXI

- Parking Brake (Cyclic).....RELEASE
- CyclicFORWARD
- CollectiveSLOWLY RAISE

AFTER TAKE-OFF

- Speed > 70 km/h & Alt. > 15m** GearUP
- Engine Dust Protector System Power switch (LF)OFF

LANDING	SHUTDOWN (CONTINUED)
ArmamentSAFE	INTERCOM NET 1 & 2 Power switches (LA)2x OFF
LND LT switch (Landing Light, LF)ON / As req.	Left & Right Rectifiers switches (RM)2x OFF
Approach speed & descent rate80 km/h & 3 m/s	Left & Right Generator switches (RM)2x OFF
Speed < 150 km/h & Alt. 50m GearDOWN	ThrottleIDLE for 2'
SHUTDOWN	LH & RH Engine Fuel Shutoff levers (LM).....CLOSE
SIGHT Power switch (C)OFF	Fire extinguisher Check switch (LF)TEST
AUX STORES LIGHTS switch (RF).....OFF	Fire extinguisher Master switch (LF)OFF
Map Power switch (CR)OFF	< 20% RPM Rotor Brake (RA)APPLY
Doppler Control Panel Mode selector (RF)OFF	No. 4/5/1/2 Fuel Pump switches (RM)4x OFF
Left & Right PITOT HEAT switches (LM)OFF	If equipped External tanks Fuel Pump switch (RM)OFF
SPUU-52 Tail Rotor Pitch Limit System Power switch (LF) ..OFF	Crossfeed Valve control switch (RM)CLOSE
ARK-U2 Power switch (Homing Set, LA).....OFF	Left & Right Engine Fuel shutoff Valves (RM)2x CLOSE
IFF Power switch (LM).....OFF	Service tanks Fuel Valves No.1 & .2 (RM)2x CLOSE
BLINK switch (LM).....OFF	115V & 36V Transformers switches (RM)2x OFF
Radar Warning Power & Signal switches (LM)2x OFF	TAIL STROBE switch (Beacon, LM)OFF
COMP. SYSTEM Power switch (LM)OFF	Interior & exterior lights.....OFF
VERT GYROS 1 & 2 Power switches (LA)2x OFF	Door Sealing wheel (RM).....UNSEAL
RAD. ALT. & DOPPLER Power switches (LA)2x OFF	Left & Right Batteries switches (RM).....2x OFF
R-863 / YADRO / R-828 Radios Power switches (LA)3x OFF	Left & Right circuit breakers panels (LA & RA)ALL OFF
FENCE-IN	ROCKETS
Weapons & CountemeasuresON (Petrovich, Lctrl-W)	Weapon Selector knob (C)ROCKETS
FIRE CTRL switch (C).....ON	RANGE INSERT (C).....AUTO
SIGHT Power switch (C).....ON	MG BURST (C)SHORT / As des.
Weapon Safety (Cyclic).....OFF	Rocket Pod Selector switch (C)OTH / As des.
GSH-2-30K CANNON & GUV-8700 MACHINEGUN POD	LAUNCHER ARM button (C)DEPRESS for 2-3"
Weapon Selector knob (C)As req.	Armament Section Lights (C)CHECK « RKT »
- FXD MG-30: Internal gun - FXD MG 7.62x12.7: Pods both guns	Sight Sync Mode Selector (C).....SYNC
- FXD MG 12.7: Pods 12.7mm - FXD MG 7.62: Pods 7.62mm	Sight Mode Selector (C).....AUTO
MG RATE switch (Rate of fire, C).....INCR / As des.	GUV-8700 AP-30 GRENADE LAUNCHER
RANGE INSERT (Ranging Mode, C).....AUTO	Weapon Selector knob (C).....GM-30
MG BURST (C)SHORT / As des.	RANGE INSERT (C).....MANUAL
Armament Section Lights (C)CHECK « 30 »	MG BURST (C)SHORT / As des.
Sight Sync Mode Selector (C).....SYNC	Sight Manual Ranging knob (C).....500m
Sight Mode Selector (C).....AUTO	Armament Section Lights (C)CHECK « FXD MG »
FAB-250 BOMBS	Sight Sync Mode Selector (C)UNSYNC
Weapon Selector knob (C)BOMB	Sight Mode Selector (C)MAN
Armament Section Lights (C)CHECK « BOMBS »	KMGU-2 CLUSTER MUNITIONS
EMERGENCY RELEASE Bomb Arming switch (C).....ARM	Weapon Selector knob (C).....USLP
	Armament Section Lights (C).....CHECK « USLP »

SHTURM (AT-6 SPIRAL) & ATAKA (AT-9 SPIRAL 2) MISSILE

Weapon Selector knob (C)	OFF/MSL
Armament Section Lights (C)	CHECK OFF
Sight Sync Mode Selector (C).....	SYNC
Sight Mode Selector (C).....	AUTO
Target area	DESIGNATE (Petrovich)
Target	SELECT (Petrovich)

R-60M A/A IR MISSILE

Weapon Selector knob (C)	OFF/MSL
R-60 Missile Power switch (LF)	ON
R-60 Fuze Activation switch (LF).....	AIR
R-60 Missile Launcher Rack selector (LF)	Aa des.

PETROVICH AI (Copilot/gunner)

Target Designation Mode		
AI Menu UP	SHORT	Designate search area
	LONG	- Prepare weapons & countermeasures OR if already done - Toggles ROE (Weapons HOLD / Weapons FREE)
AI Menu LEFT	SHORT	Shows/hides Petrovich countermeasure menu
AI Menu DOWN	SHORT	Undesignate target & retract periscope
Interface color (ROE & Weapons status)		Weapons HOLD, Missile warm-up Weapons FREE, Missile warm-up Weapons HOLD, Missile ready Weapons FREE, Missile ready
Target List Mode		
AI Menu UP	SHORT	Target List UP
AI Menu DOWN	SHORT	Target List DOWN
AI Menu RIGHT	SHORT	Target Select