

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



Takeoff	Rotate	125 kt 230 km/h	Landing	Gear / Flaps	220 kt 410 km/h
	Liftoff	140kt 260 km/h		Ground	140 kt 260 km/h

BEFORE START

- GROUND CREW > WHEEL CHOCKSPLACE
- GROUND CREW > GROUND ELECTRIC POWERON
- BAT-GND SUPPLY Switch (RM).....ON
- Electrical Panel (RM).....All ON
- NAVIGATION switch (RA)ON
- GYRO STBY switch (RA)ON
- GYRO MAIN switch (RA).....ON
- ACFT SYS switch (RA).....ON
- Stopwatch (C)START

Wait 30-40' for the gyros to spin-up

- MAG HDG SLAVE (C) & COMP. ZERO (CR)DEPRESS 10'
- INS PREPARE/OPER switch (RA).....OPER
- Altimeter (CL).....SET
- Radio Altimeter (C).....SET / As req.
- AEKRAN CALL button (CR)PRESS & CHECK
- RADIO switch (RA).....ON
- R-862 Radio (LM)SET & TUNED

ENGINE START

- RECORDER switch (RA)ON
- CANOPY (LF).....CLOSE, LOCK & SEAL
- Start-Up Mode switch (RM).....START BOTH
- L & R Throttle.....Advance to IDLE
- GND START button (RM)PRESS
- Engine parameters.....MONITOR

RPM 58-72% & EGT ~300°

- GROUND CREW > GROUND ELECTRIC POWER.....OFF

POST-START

- FAST PREP light (RA)CHECK ON Alignment complete
- AFCS switch (RA)ON

Do not move stick until AFCS BIT completed

- PITOT HEAT switch (RF)ON
- SRO switch (RWR, RF)ON
- ACS switch (RA).....ON
- WEAPON switch (RA)ON
- Interior lights (RM)As des.
- After AFCS BIT completed Trim.....RESET to Neutral
- AEKRAN CALL button (CR)CHECK No Warnings
- GROUND CREW > WHEEL CHOCKS.....REMOVE

TAXI

- NAV LTS switch (Navigation lights, RF)As des
- Landing / Taki lights (CR)TAXI
- Wheel BrakesCHECK

BEFORE TAKEOFF

- FlapsSet TAKEOFF
- Ejection Seat.....ARM
- Landing / Taki lights (CR)As req.
- Flight Timer (Stopwatch) (C)START

TAKEOFF

- Run-Up BrakesHOLD
- ThrottleAdvance to MIL
- Wheel Brakes.....RELEASE
- Only if heavily loaded ThrottleAdvance to FULL
- At 125-135 kt.....ROTATE (10° Up)
- At 140-150 kt.....LIFT OFF

AFTER TAKEOFF

- > 32 ft GearUP
- > 350 ft FlapsUP
- Landing / Taki lights (CR)OFF
- Initial climb.....> 270 kt | RPM 85% | 985-1480 ft/min

VISUAL APPROACH & LANDING

- ArmamentSAFE
- Landing / Taki lights (CR)LANDING
- Pattern altitude1500 ft | 450 m AGL or As req.
- Initial approach speed300 kt | 550 km/h

On Downwind

- Speed200 kt | 370 km/h
- Gear.....DOWN
- Flaps.....Set LANDING

On Base > Final

- Speed175 kt | 320 km/h

Touchdown

- Speed & AoA140 kt | 260 km/h | 11°
- After nosewheel touchdown Drag Chute.....DEPLOY
- < 115 kt Wheel Brakes.....APPLY