

# MiG-29 Fulcrum Quick Reference

## Quick-Start Checklist

BAT-GND SUPPLY.....	ON
ELEC. POWER PANEL..ALL.....	ON
NAVIGATION .....	ON
GYRO STBY.....	ON
GYRO MAIN.....	ON
ACFT SYS.....	ON
RADIO.....	ON
STOPWATCH.....	START
AEKRAN CALL.....	PRESS
CANOPY.....	LOCKED
EJECTION HANDLE.....	ARMED
THROTTLES.....	IDLE
GND START.....	PRESS
AFCS.....	ON
<u>DO NOT MOVE STICK DURING BUILT-IN TEST</u>	
IFF.....	ON
RECORD.....	ON
WEAPON.....	ON
ACS.....	ON
STOPWATCH.....	30 SECONDS OR MORE
MAG HDG SLAVE & COMP ZERO.....	PRESS 5 SEC
INS SWITCH.....	OPER
SPO.....	ON
PITOT HEAT.....	ON
BOTH ENGINES.....	STABILIZED
DAMPER LIGHT.....	STEADY
RESET TRIM.....	NEUTRAL
FAST PREP LAMP.....	LIT
AEKRAN CALL.....	CLEAR WARNINGS
ATC.....	REQUEST TAXI

<u>OPTIMAL SPEED REFERENCES</u>		
ROTATE	130 kts	240 km/h
MIL CLIMB	472 kts	875 km/h
MAX CLIMB	Mach 0.9	1025 km/h
RATE	480 kts	900 km/h
APPROACH	180 kts	330 km/h
TOUCHDOWN	140 kts	260 km/h

<u>WCS MODES</u>	
TOSS	LOFT BOMBING
NAV	NAVIGATION
RAD	RADAR OPERATION
IR	IR KOLS SENSOR
CC	IR KOLS CLOSE COMBAT
HELM	HMD ACQUISITION
OPT	MANUAL ACQUISITION
BS	BORESIGHT

<u>SPO-15LM REFERENCES</u>	
TYPE	THREATS
П	F-4, F-104, Talos, Terrier, Tartar, SM-1
3	Vulcan, Sea Wolf, Mk 35, AN/SPG-48, AN/SPG-53
X	Hawk CWAR/HiPIR
H	Nike-Hercules TTR/MTR
F	F-14, F-15, F-16, F/A-18, M-2000
C	F-4, F-5, F-104, Mirage-F1, Jaguar, Talos, Terrier, Tartar, SM-1