

MiG-29 Superpit



Rampstart checklist
To be used in Falcon 4.0 only

RAMP START: MiG-29

PRE STARTUP procedure:

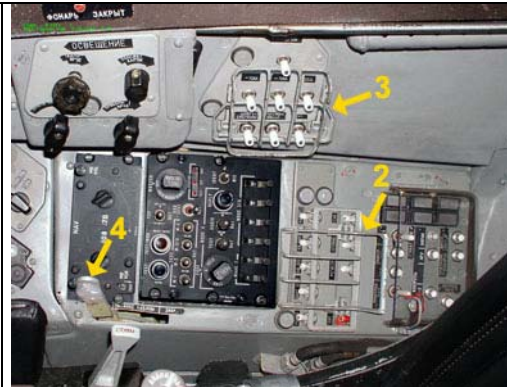
1. Set **Nose Wheel Brake** to **ON** position



2. Set **POWER SYSTEM SUPPLY** switches to **ON** position

3. Set **BATTERY** switches for **DC GEN, AC GEN, AC INV(inverter)ENG SYSTEMSFUEL PUMP, ASS, RECORD.**

4. Set **CABIN SUPPLY** valve to **OPEN** position



5. Close **Canopy** if not closed



START UP OF ENGINES

LEFT ENGINE: (Apply keystroke ctrl-o for selecting left engine first if applicable)

6. Throttle to idle

7. Set **TEST** switch to **CHECK left engine**

8. Set second **TEST** switch to **CHECK right engine**

9. **PWR SYS START** switch from **START** position (clamped) to **ENG CRANK** position

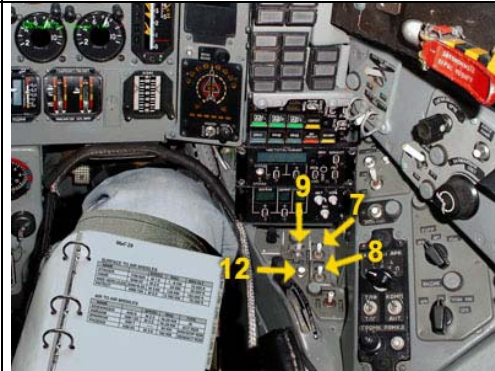
10. RPM 20%

11. Throttle to 50%

12. Depress the **GND START** button

13. Throttle to 70%

14. If RPM is at 60% throttle back to idle



RIGHT ENGINE: (Apply keystroke ctrl-o for selecting right engine if applicable)

15. Throttle to idle

16. **START** selector switch set to **START TWO(center)**

17. **PWR SYS START** switch from **START** position (clamped) to **ENG CRANK** position

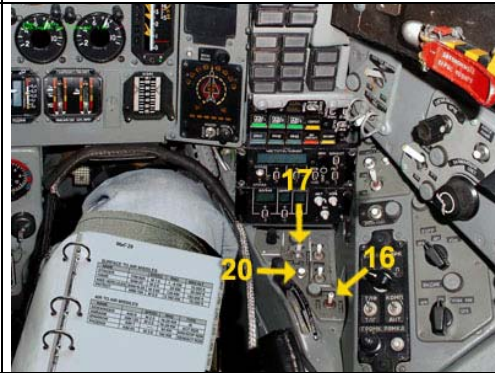
18. RPM 20%

19. Throttle to 50%

20. Depress the **GND START** button

21. Throttle to 70%

22. If RPM is at 60% throttle back to idle



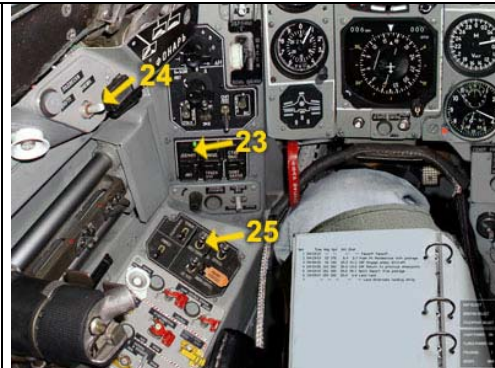
(Apply keystroke ctrl-o for selecting both engines if applicable)

AIRCRAFT SYSTEMS

23. Turn the **DAMPER** to **ON** on the AP panel (FLCS)

24. Set **STORES** switch from **INTERNAL** to **XTERNAL**

25. Set the **RETARD** switch to **COOP RETARD**



AIRCRAFT SYSTEMS

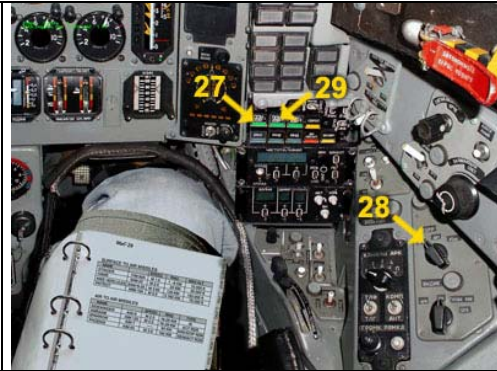
26. Set DED to ON (shift-1 and press OFF to ON)



27. Set Beacon # 1 to ON

28. Turn selector to enable GPS

29. Set Beacon # 2 to ON to pre align navigation systems



30. Turn ON HUD brightness



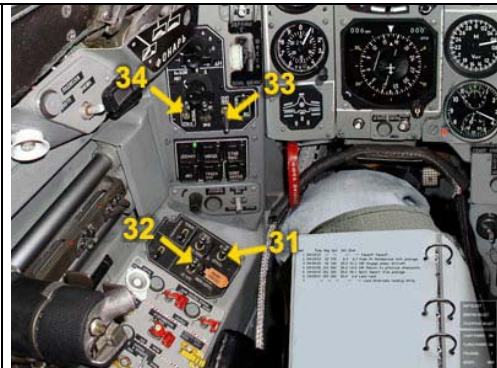
ARMAMENT AND RADAR:

31. Set Air Ground switch to Air on the missile control panel

32. Set SAFE/ARMED switch to ARMED on the missile control panel

33. Set Radar control panel switch from OFF to RDR UNIT position

34. Set the ILLUM switch from OFF to DUMMY position on RDR control panel (center position)



COUNTERMEASURES:

- 35. Set **RWR** to **ON** with **TEST** switch
- 36. Set **TWF** (Track While Flyby) switch to **RHS** position

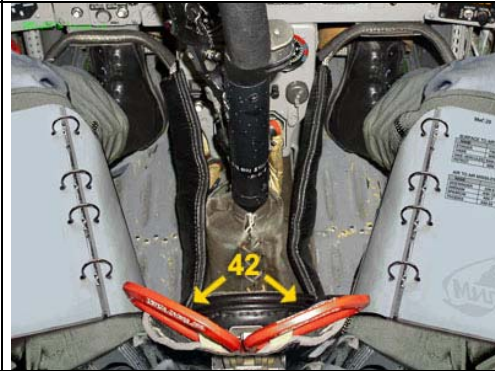


- 37. Set **CAJ** to **AJ** position
- 38. Set **Chaff** power to **ON**
- 39. Set **Flares** power to **ON**
- 40. **PROGRAM** according to threats
- 41. Select **MODE** according to threats



PREPARE TO TAXI

- 42. Set **EJECTION SEAT** to **ARM** (To arm ejection seat turn seat handles upwards)



- 43. Set Taxi/landing lights switch to **TAXI**



PREPARE TO TAXI CONTINUED

44. Depress the **WSM LOCKON PF** button on the right throttle to enable nose wheel steering for large steering angles.



INITIATE TAXI AND TAKE OFF

45. Set **FLAPS** down to take off position (left/rightclick)



46. Press **Beacon #3** to **ON**, aligning the navigation system



47. Set the **ILLUM** switch from **DUMMY** to **ILLUM** position on the RDR control panel (up position)



48. Set Nose Wheel Brake to OFF position



49. Taxi to runway and take off according to ATC commands