

MiG-29 Superpit

Rampstart checklist
To be used in Falcon 4.0 only

RAMP START: MiG-29
PRE STARTUP procedure:
<ol style="list-style-type: none">1. Set Nose Wheel Brake to ON position2. Set POWER SYSTEM SUPPLY switches to ON position3. Set BATTERY switches for DC GEN, AC GEN, AC INV(inverter)ENG SYSTEMSFUEL PUMP ASS, RECORD.4. Set CABIN SUPPLY valve to OPEN position5. Close Canopy if not closed
START UP OF ENGINES
LEFT ENGINE: (Apply keystroke ctrl-o for selecting left engine first if applicable)
<ol style="list-style-type: none">6. Throttle to idle7. Set TEST switch to CHECK left engine8. Set second TEST switch to CHECK right engine9. PWR SYS START switch from START position (clamped) to ENG CRANK position10. RPM 20%11. Throttle to 50%12. Depress the GND START button13. 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)
<ol style="list-style-type: none">15. Throttle to idle16. START selector switch set to START TWO(center)17. PWR SYS START switch from START position (clamped) to ENG CRANK position18. RPM 20%19. Throttle to 50%20. Depress the GND START button21. 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**
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 (down 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**
44. Depress the **WSM LOCKON PF** button on the right throttle to enable nosewheel 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**