

Falcon 4.0: BMS 4.33

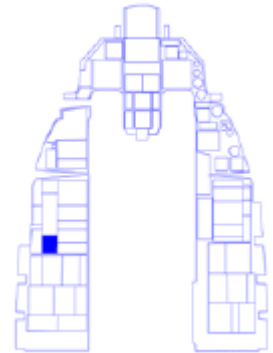
Ramp Start Procedure

Prior to launching the mission note the flight order in the briefing screen. The datalink flight ID number will start with 1 for the first flight listed, 2 for 2nd flight listed e.t.c.

1. Canopy - Close and lock.

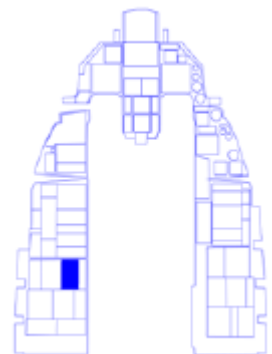
Panel: ELEC

2. Set switch to MAIN PWR



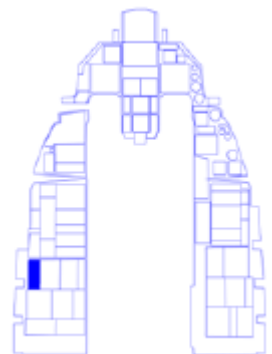
Panel: **EXT LIGHTING**

3. ANTICOLLISION switch - ANTICOLLISION
4. WING/TAIL switch - BRT
5. FUSELAGE switch – BRT
6. FLASH STEADY switch – STEADY
7. MASTER light switch - NORM

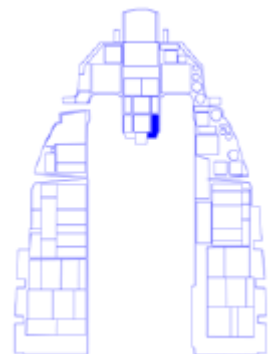


Panel: **FUEL**

8. ENG FEED to NORM

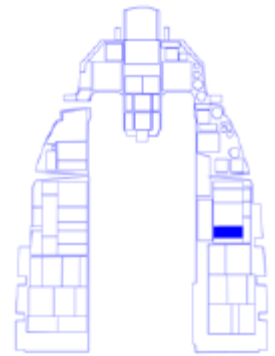


9. FUEL QTY SEL – Set as required



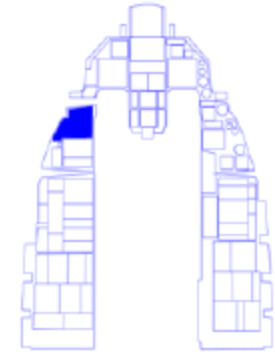
Panel: **AIR COND**

10. Set AIR SOURCE to NORM
If hidden, 1 x left click.



Panel: **LEFT AUXILIARY**

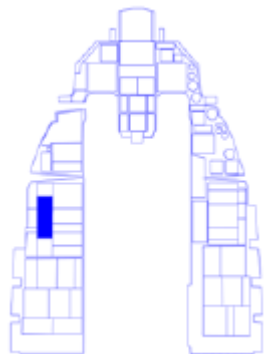
11. Set PARKING BRAKE on



12. Set throttle to idle.

Panel: **ENG & JET START**

13. Set JFS to START2
14. Watch RPM. When it reaches 20%, move throttle to 50%.

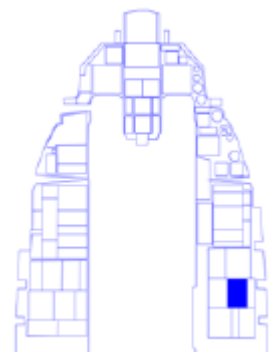


15. Throttle idle detent. (Alt + i) Return throttle to idle.
RPM should increase to 70%.



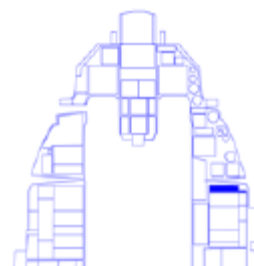
Panel: **AVIONICS POWER**

16. MMC switch - MMC
17. ST STA switch - ST STA
18. MFD switch - MFD
19. UFC switch - UFC
20. GPS switch - GPS
21. DL switch - DL
22. INS knob - ALIGN NORM



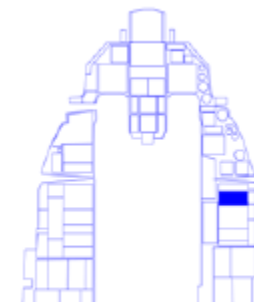
Panel: **SENSR PWR**

23. Turn on LEFT HDPT
24. Turn on RIGHT HDPT
25. FCR switch – FCR
26. RDR ALT switch - STBY

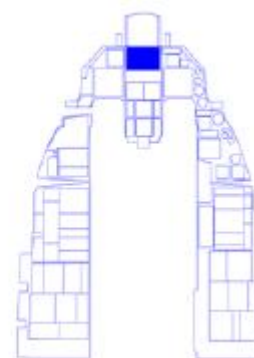


Panel: **HUD**

27. Scales switch - VV/VAH
28. DEPR RET switch – STBY
29. ALT switch – RADAR

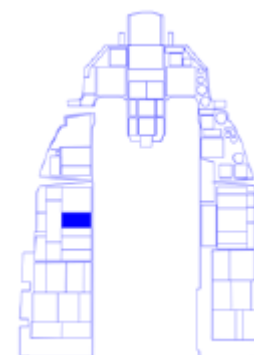


30. Turn on HUD using SYM and adjust brightness



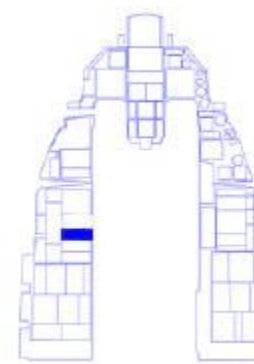
Panel: **AUDIO1**

31. COMM 1 power knob – As Reqd, Suggest 50%
32. COMM 2 power knob - As Reqd, Suggest 50%
33. MSL knob - Fully CW
34. THREAT knob - Fully CW



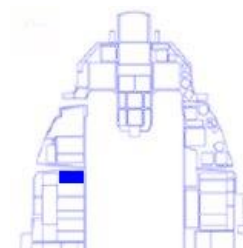
Panel: **AUDIO2**

35. ILS Knob – Fully Clockwise



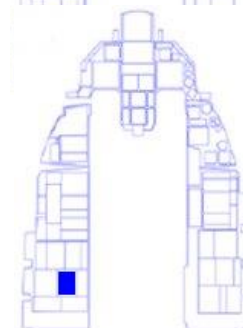
Panel: **BACKUP UHF PANEL**

36. Function knob – MAIN
37. Set to default Channel as set in Data Transfer Cartridge



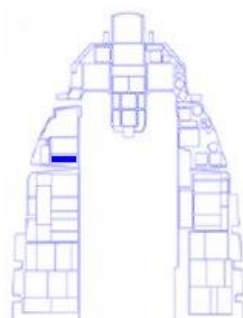
Panel: **AUX COMM**

38. CNI knob – UFC



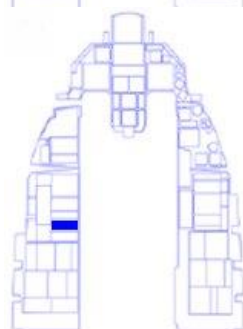
Panel: **HMCS**

39. Set Brightness (Below EWMS left ¼ panel)



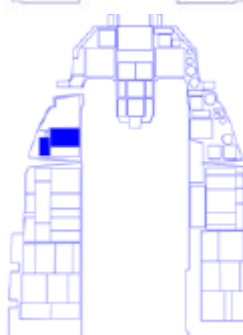
Panel: **ECM PANEL**

40. ECM power switch - OPR. (the top left toggle switch)



Panel: **CMDS**

41. MODE knob - MAN
42. RWR switch - ON
43. JMR switch - ON
44. CH switch - ON
45. FL switch – ON
46. PRGM knob - As desired



Panel: **Threat Warning Auxiliary**

47. POWER button on



Wait for bit test to complete on left MFD before continuing

Panel: **LEFT MFD - LOAD DTE**

- 48.MFD - FCR OSB Press
- 49.MFD - DTE OSB Press
- 50.MFD - LOAD OSB Press

CLEAR IFF AVIONICS FAULT

- 51.MFD - FCR OSB Press
- 52.MFD - TEST OSB Press
- 53.MFD - CLR OSB Press (To clear IFF Fault)

RETURN TO FCR PAGE

- 54.MFD - FCR OSB Press
- Note – BIT test will now re-run.

- 55.SET STORES CONFIG switch - CAT I or CAT III

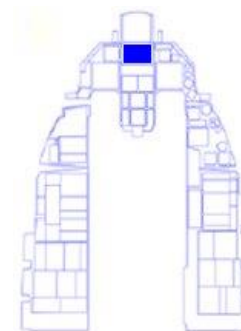
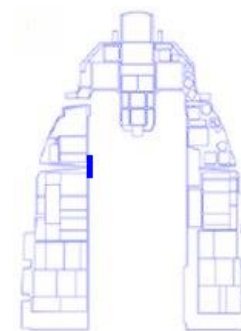
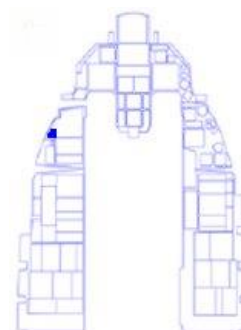
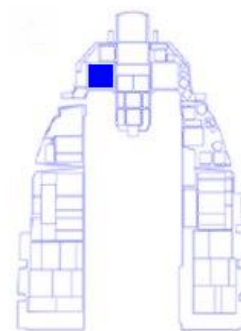


- 56.Arm the ejection seat

Data Link Setup

Panel: **UFC**

- 57.Press A-A



Panel: **LEFT MFD**

58. MFD - OSB 6 Press to Toggle 'ASSIGN', 'CONT', 'DMD'
Flight Lead set to 'CONT', Rest of flight set to 'DMD'

59. **Flight Lead Only**

Hold Comms Switch Left for > 1 sec and release.

(CTRL + o) Ensure 'CONT' on left MFD becomes inverted

All Flight Members

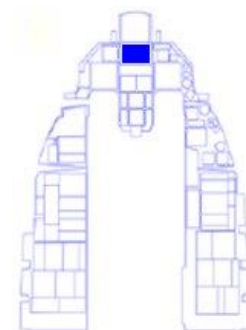
Panel: **UFC**

60. Press A-A to return to 'NAV' mode.

Enter Datalink ID no's for other flights

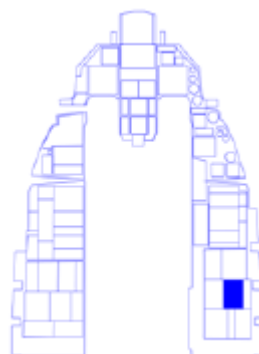
Panel: **UFC**

61. Press 'LIST' button
62. Press 'Enter'
63. Press Data Command Switch (DCS) to 'SEQ'
64. Press DCS down arrow to navigate cursor
65. Using UFC, type in Datalink ID no and press enter (obtained from briefing screen)
66. Press DCS return to exit.



Panel: **AVIONICS POWER**

67. After INS is aligned, switch to NAV



68. Nose wheel steering on

69. F-ACK button - Press. (Left Brow)



70. PFLD - No faults. (Above caution panel, right console)



71. DED – Ensure set to INS page (Displays speed bottom right of DED)
• UFC – LIST > UFC - 6

72. Turn LANDING LIGHTS on



73. Request permission to taxi

74. Chocks (ground crew) - Remove. (Tower comms [T, 8])

75. Turn PARKING BRAKE OFF

