

AV-8B Harrier Jump Jet – Ramp Start Procedure – BMS 4.34.4

ENTERING COCKPIT

1. CANOPY – CLOSED – [Left Ctrl + C]
2. DUMP (Air Source) – ON x 2
3. EQUIP NORM – ON
4. CABIN NORM – ON
5. MAIN/BATT – ON - Shift + Alt + W
6. GENERATOR - ON
7. MASTER FUEL – ON - Shift + Ctrl + Q
8. MASTER ARM – OFF
9. GEAR – 4 GREEN Lights
10. THROTTLE – IDLE

STARTING ENGINE

1. ENG FEED – NORM - Shift + Ctrl + E
2. PARKING BRAKE – ON [Alt + p]
3. Jet Fuel Switch JFS – ON - Shift + J
4. Monitor RPM % gauge – rise to 20%+ min
5. THROTTLE RELEASE – IDLE – press Idle Detent [Alt + i]
6. THROTTLE to 50% and then move back to IDLE Position
7. Monitor Engine RPM % should goes to 50%

BEFORE TAXIING

1. ALIGN Inertial Navigation System INS – NORM Ctrl + Alt + X -> NAV (once aligned)
2. Multi-Function Display MFD – ON Ctrl + Alt + B
3. Up Front Controller UFC – ON Ctrl + Alt + N
4. Global Position Satellite GPS – ON Ctrl + Alt + M
5. Data Link DLINK – ON Ctrl + Alt +,
6. RADAR – STBY Shift + Ctrl + V [B]
7. Fire Control Computer FCC – ON
8. Fire Control Radar FCR – ON Shift + Ctrl + C
9. Stores Management System SMS – ON (up)
10. LEFT Hard Points HPT – ON Shift + Ctrl + X
11. RIGHT Hard Points HPT – ON Shift + Ctrl + Z
12. TEST -> CLR – clear any faults
13. DTE -> LOAD – Loads the Data Cartridge
14. Horizontal Situational Display HSD – SELECT
15. RADIO – MAIN ON
16. RADIO MODE – BOTH
17. SET TACAN backup frequency 056X
18. COMM-NAV-IFF CNI/BACKUP – UFC Shift + Ctrl + F1
19. THREAT Warning Volume – full
20. MISSILE Warning Volume – full
21. INST PNL – BRT – (Night)
22. CONSL BRT - (Night)
23. FLD BRT - (Night)
24. MASTER CAUTION – ENTER (press E or Enter to clear)
25. HUD SYM Heads Up Display – BRT ++
26. ALT RDR – ON (up)
27. FCR -> STBY -> CRM -> ASGN
28. EXTERNAL LIGHTS FORM – BRT Ctrl + M
29. POS BRT – ON Shift + Ctrl + O
30. ANTI COLLISION LIGHTS – ON Shift + Ctrl + U
31. FLASH/STEADY LIGHTS – STEADY Shift + Ctrl + I
32. LANDING LTS – ON
33. SEAT – ARM
34. RADAR – STBY
35. ALIGN Inertial Navigation System INS – NAV Ctrl + Alt + X (once aligned)
36. Radar Warning Receiver RWR – CONSENT
37. Electronic Counter Measures ECM – POWER
38. Electronic Counter Measures ECM MODE - AUTO
39. Electronic Counter Measures RELEASE PROGRAM - 3
40. Electronic Counter Measures FLARE - ON
41. Electronic Counter Measures CHAFF - ON
42. AIR SOURCE – OFF
43. AVTR – STBY
44. COM 1 UHF VOL – SET Shift +]

45. COM 2 VHF VOL – SET Ctrl +]
46. RETN – Displays the DED default view
47. UP/DN – to cycle between UHF/VHF/STPT presets
48. NXT/PRV – to increment/decrement presets
49. A-G – switch to bomb mode
50. SMS – check ordinance settings here
51. TGP – STBY -> A-G – Timed Out Test
52. TGP – WIDE - view
53. MASTER ARM – ON
54. LSR ARM – ON
55. SOI – DMS down
56. LIST – Enter zero + 5, then enter zero – to set the laser from TRNG to CMBT mode
57. FLAPS – STOL (Short Take Off and Landing)
58. NOZZLES – 10% - Shift + .