Startup sequence directions:

1. Press the Launch button 13) GT/NO – Gate terminal not open
2. Activate main engine 14) A/O 2 – 2nd ancillary output
3. Activate main computer 15) RELEASE – docking mechanism released
4. Signal on the radio 16) PABX – private automatic branch exchange
5. Turn on the boosters 17) DISPLAY – monitor display vital
6. Disengage the docking system 18) Switch Orbit – switch from/to earth orbit
7. Perform a maintenance check 19) Alert base – send a critical alert to the base
8. Turn on the Waste 20) Cancel alert – cancel the alert to base (5s)
9. Turn on the Hydrogen fans 21) SYSTM start – starts the main system
10. Open on the Oxygen tank valves 22) STAT – shows the 1st statistics page
11. Turn on the cabin fan 23) STAT 2 – shows the 2nd statistics page
12. Check for any mission errors 24) EECOM – Electrical, Environmental and
13. Prepare for re-entry consumables manager

25) GNC – Guidance, navigation, and control

Label definitions:

1. CONF 1 – Conference 1 call area 26) RETRO – Retrofire officer
2. FO 1 – Flight Output 1 statistics 27) Master – signal the master officer
3. COMM 2 – 2nd communications channel 28) Main Start – heat the main boosters
4. PS PLNP – Power source vital 29) Blast – Off – Ignite the boosters
5. SDP INT – intermittent standard delay procedure 30) Abort – abort the launching sequence
6. SYS SUPV – system voltage supply vital 31) Launch – Lift off!!!!
7. DFE2 – diesel fuel exhaust 2nd channel 32) HOLD – put the speaker(s) on hold
8. PAYLOAD – payload exceeded signal 33) BUZZER – buzz the alarm
9. A/O UNF – ancillary output undefined 34) RING – contact the base
10. FD2 – flight delay 2nd channel 35) MISSION AUDIO – mission audio volume
11. MCC – microphone channel test 36) SIM/2/3 – simulation statistics
12. TN – termination signal null 37) OP/2/3 – operation channels
13. REPR – microcontroller update/reprogram 38) INCO – integrated communications officer

A close up of a logo

Description automatically generated

Launch Guide made for ENSE 374

Brought to you by: Space Minds

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