NORMAL PROCEDURE

Table of Contents

THIS PAGE INTENTIONALLY LEFT BLANK

Before Flight

1. Mission Planning at MSS
   a. Prepare MPD and save it on the removable media
   b. Check the removable media free space availability
2. Perform Technical Pre-Flight Procedure (SO-5) and Systems Serviceability Pre-Flight Procedure (SO-6)

NOTE: ELTA recommends maintaining a System Book

- **Separate from A/C Book**
- **Log system events on System Book**
- **Ensure SYSTEM BOOK has no overdue waivers**
- **Comprehend the configuration of the installation and what the existing system faults are**

Before Power up

1. On UTS server, insert the removable media containing MPD
2. Verify the following MS **C.B**s are in the correct state

CAUTION *An open and secured CB can be closed only when authorized*

CAUTION: *Do not use the circuit breakers as on/off switches. Failure to comply may result in damage to electrical equipment*

NOTE: **This paragraph (CBs state) can be done parallel to the next paragraph (Switches state)**

LOCATION		NAME	STATE
Cockpit		EFB L	CLOSE
		EFB R	CLOSE
REER		UHF#1	CLOSE
		UHF#2	CLOSE
MPDB		COLUMN 1	OPEN (NOP)
		COLUMN 2	OPEN (NOP)
		PDCS PWR	OPEN (NOP)
		BLR RM MS FANS	OPEN (NOP)
		All other MPDB CBs	CLOSE
Rack-6	PSD-6	CB-1	CLOSE
		CB-2	CLOSE
		VCU-1A/1B	CLOSE
		CAN2LAN	CLOSE
		P.S.FAN 1	CLOSE
		P.S.FAN 2	CLOSE
		BUS-D	CLOSE
		BUS-G	CLOSE
		BUS-H	CLOSE
	IO2LAN FRONT	12VDC	CLOSE
		DISCRETE	CLOSE
		5VDC	CLOSE
		RS232/422/485	CLOSE
Rack-7	Back panel	R7 FAN	CLOSE
	PDU-7	28V DC CONT	CLOSE

LOCATION		NAME	STATE
Operators Area	Behind OWS#7	L MS RACK	CLOSE
		R MS RACK	CLOSE
		FWD MS RACK	CLOSE
Rack-3	PSD-3	CON.	CLOSE
		UNI.	CLOSE
		P.S.3_1	CLOSE
		P.S.3_3	CLOSE
		BUS-D	CLOSE
		BUS-E	CLOSE
		BUS-F	CLOSE
		BUS-G	CLOSE
		CAN2LAN	CLOSE
		FAN_1 (2 CBs)	CLOSE
		FAN_2 (2 CBs)	CLOSE
	IO2LAN AFT	12VDC	CLOSE
		DISCRETE	CLOSE
		5VDC	CLOSE
		RS232/422/485	CLOSE
Rack-4	PSD-4	CAN2LAN	CLOSE
		ENCRYPTOR	CLOSE
		BUS-E	CLOSE
		BUS-F	CLOSE
		P.S. FAN	CLOSE

3. Ensure the following MS switches are in the correct state

LOCATION		NAME / DESCRIPTION	STATE
Cockpit	Tablets outlets (x2)	ON/OFF EFB	DEPRESS
Rack-6	PDU#6 CTRL	PDU#6 CTRL	ON
	UTILITY PANEL	UTILITY PWR	OFF
	GPS PANEL	GPS SOURCE	AS REQUIRED
	IOBC	RDR Tx (Left)	DISABLE
		RDR Tx (Right)	DISABLE
		LASER Tx	NA (NOP)
	E-RADIO	ZEROIZE	SECURED

LOCATION		NAME / DESCRIPTION	STATE
RACK-7	PDU-7	SPARE-1	NA (NOP)
		SPARE-2	NA (NOP)
		GP-1	ON
		GP-2	ON
		GP-3	ON
		IES	ON
		RSP-1	ON
		RSP-2	ON
		RSP-3	ON
		RSP-4	ON
C1	PDB	Outputs Disable	ENABLE
C2	PDB	Outputs Disable	ENABLE
Operators Area	OWS#1	E-RADIO VCU - E-RADIO1	OFF
	OWS#2,3,4,5,7	E-RADIO VCU - E-RADIO1	OFF
		E-RADIO PTT BOX	AS REQUIRED
	OWS#5	KEY ERASE	DOWN
		FRONT RDR CONTROL	DISABLE
		E-RADIO PTT BOX	AS REQUIRED
	OWS#6	ODEM VHF Shirshur	AS REQUIRED
	OWS#8	(Navy) RCU	AS REQUIRED
		(Navy) VHF-2 CONTROL	CONTROL-RCU
			TRAFFIC-DATA
		ODEM VHF Makmash	AS REQUIRED
RACK-3	UTILITY	PDU#3 CTRL	ON
	ADS-B	STBY	I (ON)
	RFDU	POWER	ON
RACK-2	RFDU 1/2	LOCAL\REMOTE	REMOTE
		UHF (x3)	AUTO
		POWER	ON
	E-RADIO (x3) 2,3,4	ZEROIZE	SECURED
RACK-1	E-RADIO (x3) 5,6,7	ZEROIZE	SECURED
	RFDU 1/2	LOCAL\REMOTE	REMOTE
		UHF (x3)	AUTO
		POWER	ON
	DAIU	POWER	NORMAL
	CLDU	POWER	ON

LOCATION		NAME / DESCRIPTION	STATE
RACK-4	PDU#4 CTRL	PDU#4 CTRL	ON
	UTILITY PANEL	UTILITY PWR	OFF
	SDN CONTROL PANEL	CONTROL	NCC
		ANTENNA	Any
		SDN	ON
		ERASE	OFF
	NC2	ERASE	DOWN
	ENCRYPTOR	גע	ON

4. On MCP (OWS#3 ledge), verify **by touching**, that **all 23 switches** (5+18) are **NOT** pressed