

```
0 ( -----Overlay prefix for BUTTONS-----
1 ( 'Flight Button tasking
2 ( 'Flight Button tasking
3 ( 'Flight Button tasking A
4 ( 'Flight Button tasking A
5 ( 'Flight Button tasking A
6 ( 'Flight Button tasking A
7 ( 'Flight Button Key Cases SCIENCE OFFICER A
8 ( 'Flight Button Key Cases CAPTAIN A
9 ( 'Flight Button Key Cases CAPTAIN A
10 ( 'Flight Button Key Cases CAPTAIN A
11 ( 'Flight Button Key Cases CAPTAIN A
12 ( 'Flight Button Key Cases SCIENCE OFFICER A
13 ( 'Flight Button Key Cases SCIENCE OFFICER A
14 ( 'Flight Button Key Cases NAVIGATOR
15 ( 'Flight Button Key Cases ENGINEER A
16 ( 'Flight Button Key Cases COMM OFFICER A
17 ( 'Flight Button Key Cases DOCTOR A
18 ( 'Flight Button Key Cases A
19 ( 'Flight Button Key Cases A
20 ( 'Flight Button Key Cases A
21 ( 'Flight Button Key Cases A
22 ( -----Overlay Suffix for BUTTONS-----
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3

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0 ( -----Overlay prefix for BUTTONS-----) ( 'Flight Button tasking          AWK 12/21/84 )
1                                          EXIT
2 VOCABULARY BTN-VOC IMMEDIATE          : XEQ-BUTTON ( n -- ) 'BUTTON @ EXECUTE ;
3 104 OPEN-OVERLAY
4 BTN-VOC DEFINITIONS                  V= BTN-REC#
5
6 V= DISEMBARK                          : .ABTN ( menu# btn# -- )
7 V= 'AUX \ 0 = NOP 1 = STATUS 2 = SENSORS 3 = DAMAGE    >R 58 FILE# ! RECORD# ! 93 119 I 11 * - POS. >2FONT
8 \ 4 = MERCATOR                          vBLT @ 93 OVER 7 - 156 BLACK POLY-WINDOW-FILL
9                                          WHITE !COLOR 1BTN R> 12 * + 12 TYPE SET-CURRENT ;
10
11                                     : .BTN-TEXT ( menu# -- )
12                                     58 FILE# ! DUP RECORD# ! BTN-REC# !
13                                     BLACK ERASE-BUTTONS 93 119 POS. >2FONT WHITE !COLOR
14                                     #BTN C@ 12 * 0 DO 1BTN I + 12 TYPE NEXT-BUTTON 12 +LOOP
15                                     SET-CURRENT ;

```

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0 ( 'Flight Button tasking          AWK 1/05/85 ) ( 'Flight Button tasking          AWK 12/21/84 )
1 : /ITEMS ' ov/ITEMS MODULE ;          EXIT
2 : /CAPT-LOG ' ov/CAPT-LOG MODULE ;    : NEW-BUTTON ( n -- )
3 : /LAUNCH/LAND ' ov/LAUNCH/LAND MODULE ; 58 FILE# ! BTN-REC# @ RECORD# !
4 : /(DIS)ARM ' ov/(DIS)ARM MODULE ;    THIS-BUTTON @ SWAP - DUP 0 #BTN C@ WITHIN
5 : /(UD)SHIELD ' ov/(UD)SHIELD MODULE ; IF BLUE OVER BLACK THIS-BUTTON @ .HIGHLIGHT .HIGHLIGHT
6 : /FTL/SUB ' ov/FTL/SUB MODULE ;    THIS-BUTTON ! ELSE DROP THEN SET-CURRENT ;
7 : /STARMAP ' ov/STARMAP MODULE ;
8 : /STATUS 1 'AUX ! ' ov/STATUS MODULE ;
9 : /SENSORS 2 'AUX ! ' ov/SENSORS MODULE ;
10 : GET-SENSORS ' ovGET-SENSORS MODULE ;
11 : /DAMAGE 3 'AUX ! ' ov/DAMAGE MODULE ;
12 : /REPAIR ' ov/REPAIR MODULE ;
13 : /EXAMINE ' ov/EXAMINE MODULE ;
14 : /TREAT ' ov/TREAT MODULE ;
15 : .MERC 4 'AUX ! ' (.MERC) MODULE ' .REGION+ MODULE ;

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0 ( 'Flight Button tasking          AWK 1/12/85 ) ( 'Flight Button tasking          AWK 12/21/84 )
1                                          : BTN-CLEANER ( -- )
2 : /LOG-PLAN ' ov/LOG-PLAN MODULE ;    V> 'BUTTON ! \ restore button function table addr
3                                          V> DUP THIS-BUTTON ! \ restore button that called this task
4                                          V> DUP BTN-REC# ! \ restore button menu species
5                                          CLR-BUTTONS \ clear old button highlights
6                                          CTERASE DISEMBARK @ 0=
7                                          IF .BTN-TEXT BLUE SWAP .HIGHLIGHT \ restore button graphics
8                                          ELSE 2DROP THEN ; \ or not
9
10                                     : BTN-ITER ( addr n -- )
11                                     BTN-REC# @ >V \ push button menu species
12                                     THIS-BUTTON @ >V \ push calling button
13                                     'BUTTON @ >V \ push button function table
14                                     .BTN-TEXT INIT-BUTTON execute new button graphics
15                                     'BUTTON ! ; \ store button function table addr

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0 ( 'Flight Button tasking          AWK 12/21/84 ) ( 'Flight Button Key Cases  CAPTAIN          AWK 12/21/84 )
1
2 : (BTN) ( -- ) THIS-BUTTON @ .ON ;
3 : >BTN BLUE (BTN) ;
4 : BTN> BLACK (BTN) ;
5
6 : BTN-KEY-CASE ( -- )
7 (XYSKAN) DROP ?DUP
8 IF NEW-BUTTON THEN ?TRIG
9 IF >BTN THIS-BUTTON @ XEQ-BUTTON THEN ;
10
11 \ scans keypad for a dY and moves button-highlight accordingly
12 \ if trigger has been pressed, the current button is executed
13 \ if DISEMBARK has been set, exit the starship
14
15

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: >PORT ( -- ) NOT >R NOT R> ;
: >PLANET ( -- )
  PAD 300 + SCAN !
  CTINIT CTERASE ." WAIT...SCANNING PLANET." PLHI @ 0=
  IF ' BIO MODULE THEN DEPTH TV MODULE AD SP-RESTORE
  DISEMBARK OFF GET-CONSOLE ;
: >SPACE ( -- )
  CTINIT CTERASE ." CAPTAIN, WE CAN'T DISEMBARK IN SPACE!"
  2500 MS CTERASE DISEMBARK OFF ;
CASE >DISEMBARK
  5 IS >PORT 0 IS >PLANET
  OTHERS >SPACE

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0 ( 'Flight Button Key Cases  SCIENCE OFFICER  AWK 12/21/84 ) ( 'Flight Button Key Cases  CAPTAIN          AWK 12/21/84 )
1
2 CASE (GET-AUX)
3 1 IS /STATUS 2 IS GET-SENSORS 3 IS /DAMAGE \ 4 IS .MERC
4 OTHERS NOP
5
6 : GET-CONSOLE ( -- )
7 SHIP-CONSOLE BLACK ERASE-VS 'AUX @ (GET-AUX)
8 BTN-REC# @ .BTN-TEXT BLUE THIS-BUTTON @ .HIGHLIGHT ;
9
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: 10BTN ( -- )
  /LAUNCH/LAND
  IF ' BTN-CLEANER ' BTN-KEY-CASE
  ' 1.1BTN.XEQ 7 ' BTN-INITER DOTASKS THEN BTN> 1 0 .ABTN ;
: 11BTN ( -- )
  DISEMBARK ON BTN> CONTEXT-ID# @ >DISEMBARK ;
: 12BTN ( -- ) /ITEMS BTN> ;
: 13BTN ( -- ) /LOG-PLAN BTN> ;
: 14BTN ( -- ) /CAPT-LOG BTN> ;

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0 ( 'Flight Button Key Cases  CAPTAIN          AWK 12/21/84 ) ( 'Flight Button Key Cases  CAPTAIN          AWK 12/21/84 )
1
2 : 1.10BTN ( -- )
3 'AUX @ 4 = 0= IF .MERC THEN ' (GETSITE) MODULE BTN> ;
4 : 1.11BTN ( -- )
5 1 'AUX !
6 ' >DESCEND MODULE ' DESCEND MODULE BTN> NOT ;
7
8 CASE 1.1BTN.XEQ
9 0 IS 1.10BTN 1 IS 1.11BTN 2 IS NOT
10 OTHERS BTN>
11
12 : SP-RESTORE ( -- )
13 DEPTH SWAP 1- ?DUP IF 0 DO DROP LOOP THEN ;
14
15

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CASE 1BTN.XEQ
  0 IS 10BTN 1 IS 11BTN 2 IS 12BTN
  3 IS 13BTN 4 IS 14BTN 5 IS NOT
  OTHERS BTN>

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0 ( 'Flight Button Key Cases SCIENCE OFFICER      AWK 12/21/84 ) ( 'Flight Button Key Cases ENGINEER      AWK 12/21/84 )
1
2 : 20BTN ( -- ) /STATUS BTN> ;                      : 40BTN ( -- ) /DAMAGE BTN> ;
3 : 21BTN ( -- ) /SENSORS BTN> ;                      : 41BTN ( -- ) /REPAIR BTN> ;
4 : 22BTN ( -- ) BEEP BTN> ;
5
6 CASE 2BTN.XEQ                                CASE 4BTN.XEQ
7 0 IS 20BTN 1 IS 21BTN 2 IS 22BTN 3 IS NOT        0 IS 40BTN 1 IS 41BTN 2 IS NOT
8 OTHERS NOP                                OTHERS BTN>
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0 ( 'Flight Button Key Cases SCIENCE OFFICER      AWK 12/21/84 ) ( 'Flight Button Key Cases COMM OFFICER      AWK 12/21/84 )
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0 ( 'Flight Button Key Cases NAVIGATOR      AWK 1/05/84 ) ( 'Flight Button Key Cases DOCTOR      AWK 12/21/84 )
1
2 : 30BTN ( -- ) /UDSHIELD 3 0 .ABTN BTN> ;          : 60BTN ( -- ) /EXAMINE BTN> ;
3 : 31BTN ( -- ) /(DIS)ARM 3 1 .ABTN BTN> ;          : 61BTN ( -- ) /TREAT BTN> ;
4 : 32BTN ( -- ) ' MANEUVER MODULE BTN> ;
5 : 33BTN ( -- )
6 /FTL/SUB BTN>                                CASE 6BTN.XEQ
7 IF ' JUMP>FTL MODULE THEN ;                    0 IS 60BTN 1 IS 61BTN 2 IS NOT
8 : 34BTN ( -- ) /STARMAP GET-CONSOLE ;            OTHERS BTN>
9
10 CASE 3BTN.XEQ
11 0 IS 30BTN 1 IS 31BTN 2 IS 32BTN
12 3 IS 33BTN 4 IS 34BTN 5 IS NOT
13 OTHERS BTN>
14
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18

21

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0 ( 'Flight Button Key Cases          AWK 12/21/84 ) ( 'Flight Button Key Cases          AWK 12/21/84 )
1
2                                     : SHIP-BTNS
3                                     ' BTN-CLEANER ' BTN-KEY-CASE ' 0BTN.XEQ 0 ' BTN-INITER
4                                     DOTASKS DISEMBARK OFF ;
5
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0 ( 'Flight Button Key Cases          AWK 12/21/84 ) ( -----Overlay Suffix for BUTTONS-----)
1
2 : 00BTN ( -- ) ' BTN-CLEANER ' BTN-KEY-CASE          CLOSE-OVERLAY
3 ' 1BTN.XEQ 1 ' BTN-INITER DOTASKS DISEMBARK OFF ;    104 OVERLAY BTN-OV
4 : 01BTN ( -- ) ' BTN-CLEANER ' BTN-KEY-CASE
5               ' 2BTN.XEQ 2 ' BTN-INITER DOTASKS ;    : ovFLIGHT
6 : 02BTN ( -- ) ' BTN-CLEANER ' BTN-KEY-CASE          PLHI OFF SHIP-CONSOLE
7               ' 3BTN.XEQ 3 ' BTN-INITER DOTASKS ;    BTN-OV BTN-VOC DISEMBARK OFF /STATUS SHIP-BTNS ;
8 : 03BTN ( -- ) ' BTN-CLEANER ' BTN-KEY-CASE
9               ' 4BTN.XEQ 4 ' BTN-INITER DOTASKS ;    OV-CANCEL
10 : 04BTN ( -- ) ' COMM MODULE ;
11 \           ' BTN-CLEANER ' BTN-KEY-CASE
12 \           ' 5BTN.XEQ 5 ' BTN-INITER DOTASKS ;
13 : 05BTN ( -- ) ' BTN-CLEANER ' BTN-KEY-CASE
14               ' 6BTN.XEQ 6 ' BTN-INITER DOTASKS ;
15

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20

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0 ( 'Flight Button Key Cases          AWK 12/21/84 )
1
2 CASE 0BTN.XEQ
3 0 IS 00BTN 1 IS 01BTN 2 IS 02BTN
4 3 IS 03BTN 4 IS 04BTN 5 IS 05BTN
5 OTHERS BTN>
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