

STATUS

STATUS page is displayed at power up or via the index.

1. Push the **IDX** function key
2. Push **STATUS** line select key
3. Verify **ACTIVE DATA BASE** currency
4. Verify **UTC** and **DATE**
5. Verify **FMS SCID**
6. Push **NEXT** function key if performance or Vspeed data bases are installed
7. Verify **VSPD DATA BASE**
8. Verify **PERF DATA BASE**

NOTE: Changing the data base can only be accomplished on the ground and will clear ACT and SEC FPLN's

POSITION INITIALIZATION

1. Push **IDX** function key
2. Push **POS INIT** line select key
3. Push **NEXT** function key
4. Push line select key for **GPS 1**
5. Push **PREV** function key
6. Push **SET POS** line select key

NOTE: Update the FMS position with the most accurate position available. Selections are GPS, FMS position, AIRPORT, PILOT REF WPT, LAT/LON ENTRY.

FLIGHT PLANNING

1. Push **FPLN** function key
2. Place **ORIGIN** airport into scratchpad

NOTE: Changing the **ORIGIN** airport deletes the ACT/MOD FPLN. **ORIGIN** airport may only be entered on the ground.

3. Insert at **ORIGIN** with line select key
4. Place **DEST** airport into scratchpad
5. Insert at **DEST** with line select key
6. If required, Place **ALTN** airport in scratchpad
7. Insert at **ALT** with line select key

ROUTE ENTRY

VIA DIRECT

1. Push **FPLN** function key
2. Enter waypoint in the scratchpad
3. Push the **NEXT** function key
4. Enter waypoint at **TO** line
5. Enter additional waypoints in the same manner

VIA AIRWAYS

1. Push **FPLN** function key
2. Push the **NEXT** function key
3. Enter airway identifier in scratchpad (J23)
4. Insert in **VIA** line
5. Enter airway exit point in scratchpad
6. Insert at **TO** line

PERFORMANCE INITIALIZATION

1. Push the **PERF** function key
2. Push the **PERF INIT** line select key
3. Verify **BOW**
4. Enter the number of passengers and/or passengers and weight in the scratchpad
5. Insert at the **PASS/WT** line
6. Enter the cargo weight in the scratchpad
7. Insert at the **CARGO** line
8. Enter the total fuel in the scratchpad
9. Insert at the **FUEL** line
10. Enter the planned cruise altitude in the scratchpad
11. Insert at the **CRZ ALT** line
12. Push the **EXEC** function key

DEPARTURE

ORIGIN Runway selection:

1. Push the **DEP ARR** function key
2. Push the line select key for the departure runway **SIDs** selection:
 1. Push the line select key of the desired **SID**
 2. Push the left line select key for the desired transition route
 3. Push the **EXEC** function key to execute the flight plan

TAKEOFF PERFORMANCE

1. Push the **PERF** function key
2. Push the **TAKEOFF** line select key
3. Enter **OAT** in the scratchpad
4. Insert at the **OAT** line
5. Complete other fields in the same manner
6. Push **NEXT** or **PREV** function key to display **TAKEOFF REF page 2/4**
7. Push **SEND>** line select key to transfer Vspeeds to PFD

COURSE INTERCEPT

1. Push the **DIR** function key
2. Push the **NEXT** or **PREV** function keys to advance to the desired waypoint
3. Push the desired waypoint line select key
4. Enter the desired course in the scratchpad
5. Insert in the **INTC CRS** line
6. Verify flight plan edit on CDU and MFD
7. Push the **EXEC** function key

HOLDS

Flight Plan Waypoint

1. Push the **IDX** function key
2. Push the **HOLD** line select key
3. Push the **NEW HOLD** line select key
4. Push the line select key of the waypoint where the hold is desired
5. Insert at the **HOLD AT** prompt
6. Modify the hold as needed

7. Verify the flight plan edit on the CDU and MFD
8. Push the **EXEC** function key

NOTE: When selecting a hold at present position, the FMS will begin the hold immediately if FMS is the NAV source.

Off-Flight Plan Waypoint

1. Push the **IDX** function key
2. Push The **HOLD** line select key
3. Push the **NEW HOLD** line select key
4. Enter the waypoint of the desired holding fix in the scratchpad
5. Push the left side **HOLD AT** prompt key
6. Push the line select key of the waypoint preceding the hold
7. Verify the flight plan edit on the CDU and MFD
8. Push the **EXEC** function key

Modify Existing Hold

1. Push the **IDX** function key
2. Push the **HOLD** line select key
3. Push the line select key of the desired hold
4. Enter the desired hold change in the scratchpad
5. Insert at the appropriate line

NOTE: The inbound course of a hold in progress cannot be modified.

Exit Hold

1. Push the **LEGS** function key
2. Push the **EXIT HOLD** line select key
3. Push the **EXEC** function key

Cancel a Hold Exit

1. Push the **LEGS** function key
2. Push the **CANCEL EXIT** line select key
3. Push the **EXEC** key

WINDS AND ISA DEVIATION

1. Push the **PERF** function key
2. Push the **PERF INIT** line select key
3. Push the **NEXT** function key to display **PERF INIT page 3 of 3**
4. Enter the temperature deviation in the scratchpad
5. Insert at the **ISA DEV** line
6. Enter the wind data in the scratchpad
7. insert at the appropriate line (e.g. CRUISE)
8. Push the **EXEC** function key to enter the data

Winds format: True North/Direction and speed (270/50); Headwind or Tailwind (H10/T10)

OFFSET PARALLEL COURSE

Enter

1. Push the **FPLN** function key
2. Enter the desired offset distance and direction in the scratchpad (e.g.; L15)
3. Push the **OFFSET** line select key
4. Verify course offset on the MFD

Cancel

1. Push the **FPLN** function key
2. Push the **CLR/DEL** function key

3. Push the **OFFSET** line select key
4. Verify offset removal on MFD
5. Push the **EXEC** function key

AIRBORNE POSITION UPDATE

GPS/IRS Update

1. Push the **IDX** function key
2. Push the **POS INIT** line select key
3. Push **NEXT** or **PREV** as necessary to show the desired position source for the update
4. Push the left side line select key of the desired sensor
5. Push **NEXT** or **PREV** as needed to advance to the **POS INIT** page 1
6. Insert at **SET POS** line

NAVAID Update

1. Push the **IDX** function key
2. Push the **POS INIT** line select key
3. Push the **NEXT** function key
4. Push the **UPDATE FROM NAVAID** line select key
5. Push **CONFIRM POS** line select key

NOTE: NAVAID updates are only available inflight.

ARRIVAL SELECTION

1. Push the **DEP ARR** function key
2. Push the left line select key for the desired STAR
3. Push the **NEXT** or **PREV** function keys to show the desired transition
4. Verify flight plan edit on CDU and MFD
5. Push the **EXEC** function key

APPROACH SELECTION

1. Push the **DEP/ARR** function key
2. Push the line select key for the desired approach
3. Push the line select key for the desired transition
4. Push the **LEGS** function key
5. Verify flight plan on **LEGS** page, CDU and MFD
6. Push the **EXEC** function key

NOTE: If the destination airport is the active waypoint when an approach is selected, it will remain the active waypoint.

APPROACH PERFORMANCE

1. Push the **PERF** function key
2. Push the **APPROACH** line select key
3. Enter the **OAT** in the scratchpad
4. Insert at **OAT**

If landing weight is different than value displayed

1. Enter **LW** in the scratchpad
2. Insert at the **LW/GWT/MLW** line
3. Select the **LDG FACTOR**

To display Vspeeds on the PFD

1. Push **NEXT** or **PREV** function key as required to display **TAKEOFF REF** page 2/4
2. Push **SEND>** line select key to transfer Vspeeds to PFD

ROCKWELL COLLINS FMS SHORTCUTS

A/C WT & ETA @ DEST: MFD L1 FMS-Txt, MFD R1 PPOS or PLAN, MFD MENU, L6 window Select ON

ACTIVATE SECONDARY FPLANS: FPLN, Activate, EXEC

ACTIVATE STORED FPLNS: IDX, NEXT, Route Menu, Pilot Route List, Select Route with LSK, Activate, EXEC

ADVISORY VNAV: MFD L1 FMS-Txt, MFD R1 PPOS or PLAN, MFD MENU, L6 Window VNAV

AIRSPACE: MFD R1 PPOS or PLAN, CCP MENU, MFD L3 Select On, Disabled with range > 100nm

AIRWAYS: MFD R1 PPOS or PLAN, CCP MENU, MFD L4 Select High-Low-Off, Disabled with range > 100nm

ALONG TRACK WAYPOINT: LEGS, select WPT Lsk, add a / and – if Prior or + if after enter desired distance, Select LSK adjacent to selected WPT, EXEC

ALTIMETER HPA / IN: REFS - 3 times, L1 HPA or IN

ALTITUDE CROSSINGS: LEGS, build or locate WPT, place alt @ r/h side of WPT with LSK

ALTITUDE RANGE TO SELECTOR: MFD MENU, NEXT, RNG: Alt Sel

APPROACH PERFORMANCE: PERF Approach, L1 Sel Apt, RWY COND, Surface W/V if needed, OAT, NEXT, A/I On or Off, LDG FACTOR, Send

ARRIVAL AIRPORT INFORMATION: IDX, NEXT, DATA BASE, Enter Airport ID, L1

ARRIVAL DATA: IDX, NEXT, ARR DATA

BOW CHANGE: IDX, NEXT, DEFAULTS, BOW

CTR A/C IN PLAN MAP: MFD R1 Plan map, IDX, POS INIT, MFD ADV, CTR WPT

CHECK- ISA, SAT, TAS, WINDS: IDX, PROG, NEXT to last page

CROSSING RESTRICTION: LEGS, select WPT line select key, add a / and – if Prior or + if after & enter desired distance, Select right line select key adjacent to desired WPT and add altitude to left, EXEC

COURSE INTERCEPTS: Autopilot HDG, LEGS, DIR, select TO WPT with LSK, insert INTC CRS into scratchpad, R6, EXEC

CROSS-SIDE PILOT ROUTE LIST TRANSFER: FLPN, L5

DEFINE WPT: IDX, NEXT, DATA BASE, DEFINE WPT, enter definition, name, STORE

DEFAULT TRANSITION LEVEL: IDX, NEXT, DEFAULTS, NEXT, FL/TRANS ALT

DEFAULT VERTICAL PATH ANGLE (VPA): IDX, NEXT, DEFAULTS, NEXT, L4 Descent Angle

DISTANCE FLOWN: PERF, FLT LOG, GND DIST

DUAL FMS SYNC: IDX, FMS CTL, SYNC/INDEP, SELECT MASTER

ENABLE TEXT WINDOW ON THE MFD: MFD MENU, WINDOW to ON, MFD L1 Select FMS-Txt

ETD/ATD, ETE, ETA & FUEL REQUIRED (If Performance Database Installed): PERF, PERF INIT, PREV 3/3, enter ETD, L2

EXTENDED CTR LINE: LEGS, DIR select WPT, Enter Crs. in scratchpad , R6 INTC Crs, EXEC

FIX ENTRIES: IDX, R4 Fix, enter desired fix, L1 Ref, L2, L3 or L4 as desired

FLT LOG ON LDG: IDX, NEXT, DEFAULTS, NEXT, (find FLT LOG), select YES

FLT PLN TEXT: MFD L1 FMS-Txt, MFD R1 PPOS or PLAN, MFD/MENU, L6 window select ON

FLY OVER WPT: LEGS copy WPT into scratchpad, add /0 to WPT, paste on WPT in legs page

FUEL FLOW / FUEL TOTALIZER: PERF, FUEL MGMT, NEXT

FUEL USED: PERF, FLT LOG

HECTO PASCHALS: DCP, REFS 3/3, L1 HPA-IN

HOLDING: IDX, HOLD, NEW HOLD, Place WPT at Hold At, Modify if needed, EXEC

HOLDING @ PPOS: IDX, HOLD, NEW HOLD, PPOS, Modify if needed, EXEC

INITIALIZE FMS IN FLT: IDX, POS INIT, NEXT, Insert NAVAID, UPDATE from NAVAID, CONFIRM

INITIALIZE FMS ON GND: IDX, POS INIT, Set POS to GPS or GNSS

INTERSECTIONS ON MFD: MFD R1 PPOS or MFD/MENU, L4 inters, can only be seen with MFD range < 50

ISA DEVIATION AND WINDS ALOFT: IDX, PERF, PERF INIT, NEXT

LDG GWT: MFD L1 FMS-Txt, MFD R1 PPOS or PLAN, MFD/MENU, L6 window select ON

MAG/TRUE: (Requires IRS), IDX, FMS CTL, MAG/TRUE

MEASURED/PREDICTED PERF: (Requires Perf database) PERF, FUEL MGMT, L5 Predicted/Measured

METRIC ALT ON/OFF: DCP REFS, REFS, REFS, MFD L2 Metric Alt

NAME-STORE A FLT PLAN: FPLN, L2 Route- enter name, EXEC, IDX, NEXT, ROUTE MENU, PILOT ROUTE LIST, ACT STORE

NAV DATA BASE CHANGE: IDX, STATUS, SEC DATA BASE, ACTIVE DATA BASE

NEAREST AIRPORT DIRECT-TO: LEGS, DIR, Select Airport, EXEC

NEAREST A/P MIN RWY: IDX, NEXT, DEFAULTS, NEXT 3/5, NEAREST AOTS MIN RWY

OBSTACLE CLEARANCE PERFORMANCE: PERF, TAKEOFF, NEXT (3/4), OBST HT, OBST DIST

OFFSET PARALLEL COURSE: FPLN, Enter offset L# or R#, R6 Offset, EXEC

PERFORMANCE INITIALIZATION: PERF, PERF INIT, PASS WT, CARGO, CRZ ALT, EXEC

POSITION REPORT FORMAT: MFD DATA, MFD MENU, POS UPDATE

POSITION UPDATE INFLIGHT FROM NAVAID: IDX, POS INIT, NEXT (2/2), Enter NAVAID, CONFIRM

RAIM CHECK ON GROUND: IDX, GPS or GNSS CTL, Enter destination ETA (scratchpad), ETA

RAIM CHECK INFLIGHT: IDX, GPS or GNSS CTL,

RANGE TO ALTITUDE SELECT: MFD MENU, NEXT (2/2), L2 RNG: ALT SEL

RECALL A STORED FPLN: IDX, NEXT (2/2), ROUTE MENU, PILOT ROUTE LIST, Select Route, ACTIVATE, EXEC

RUNWAY UPDATE: LEGS, RWY UPDATE

R.N.P.: IDX, PROG, NEXT to end of FPLN, Enter desired RNP, R6 RNP

SECONDARY FLIGHT PLAN STORE: IDX, NEXT (2/2), ROUTE MENU, PILOT ROUTE LIST, SEC STORE

SATELLITE DESELECT: IDX, GPS CTL, Enter satellite to deselect, SAT DESELECT

SATELLITES STATUS: MFD DATA, MFD MENU, LRN STATUS or GNSS STATUS

STORE ACTIVE FPLAN: IDX, NEXT (2/2), ROUTE MENU, PILOT ROUTE LIST, ACT STORE

STORED FPLN CALL UP: IDX, NEXT (2/2), ROUTE MENU, PILOT ROUTE LIST, Select desired FPLN with LSK, ACTIVATE, EXEC

TAKEOFF/LANDING TIMES: PERF, FLT LOG

TAKEOFF PERFORMANCE: Set the current altimeter on PFD with DCP, PERF, L3 Takeoff, Enter Rwy Slope L4, Rwy Cond Dry or Wet L5, Enter Wind R1, Enter OAT R2, NEXT 2/3, L1 A/I On or Off, L2 T/O Flaps 0/15, SEND

TIME & DATE: IDX, STATUS, UTC, DATE (if dashes)

T. O. / LDG TIMES: PERF, FLT LOG

TRANSFER A FLIGHT PLAN INDEPENDENT MODE: FPLN, NEXT to end of FPLN, L5 FPLN Transfer< From Xside, EXEC

TRIP INFO on MFD: MFD MENU, WINDOW – On, PFD L1 FMS-Txt

VNAV SETUP: PERF, VNAV SETUP

VOR/DME NAVAID INHIBIT: IDX, VORDME CTL, VOR and DME Usage Enabled/Disabled (yes/no)

WEIGHT A/C: PERF, PERF INIT, GWT - enter

WINDS-FMS: IDX, PROG, NEXT to last page

WINDS-MFD: MFD DATA, MFD MENU, NAV STATUS



Flight Management System

Quick Start Guide

Notice

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