

FMS-3000 / 5000 / 6000 Quick Reference Guide

Basic Procedures

SYSTEM INITIALIZATION (VIPP)

V – Verify Database Coverage and Effectivity

1. STATUS Page. If STATUS page is not showing, press **☰**, and then press STATUS (left side – position may vary).

I – Initialize Position

1. From STATUS Page, Press POS INIT (F6).
2. Verify FMS Position. If incorrect, use one of following options to update.
 - a. If WAAS installed: Press SET POSTO GNSS1 (F4).
 - b. GPS position: Press **☰**, choose a GPS coordinate (L2 or L3), press **☰**. Paste coordinates into SET POS (F5).
 - c. AIRPORT lat/long: Enter airport identifier and paste to AIRPORT (L2). Press airport coordinates (F2) and then paste to SET POS (F5).
3. Repeat appropriate step if “RESET INITIAL POS” message appears.
4. Verify FMS position now contains accurate latitude and longitude.

P – Plan (Setup Flight Plan)

1. From POS INIT, Press FPLN (F6).
2. Enter ORIGIN and DESTINATION.
3. Enter Waypoints, SIDs, and STARs as required, resolve discontinuities and press **☰**. [SEE BELOW FOR DETAILS]

P – Performance Initialization

1. From FPLN, Press PERF INIT (F6).
 2. Verify BOW (can be changed only from default page).
 3. Enter number of PASSENGERS/WT and CARGO weight (if desired).
 4. Enter FUEL on board.
 5. Enter CRZ ALT.
 6. Verify Zero Fuel Weight (ZFW) and Gross Weight (GWT) and press **☰**.
- With FMS Integrated Performance
7. Enter information on PERF INIT page 2/3 and 3/3, as desired.
 8. On PERF INIT page 1/3, press TAKEOFF (F5) to configure V-speeds.
 9. Verify/set information and press SEND (F6) on PERF INIT page 2/3.
 10. Verify appropriate V-speeds on the PFD.

LOADING A DEPARTURE RUNWAY/ SID

1. Press **☰**, if Runways/SIDs for ORIGIN airport do not appear, press **☰** a second time.
 - a. Select DEPART for the ORIGIN airport.
 - b. Select the desired runway.
 - c. Select the desired SID and select desired TRANSITION.
 - d. Verify the waypoints, resolve discontinuities, and press **☰**.

LOADING AN AIRWAY

1. Press **☰**.
2. Paste the starting waypoint of the airway in the appropriate location in the flight plan in the TO position.
3. Paste the exit point of the airway in the next TO position.
4. Paste the Airway name in the VIA position abeam the exit point.
5. Verify the waypoints on the LEGS pages and press **☰**.

LOADING A STAR

1. Press **☰**, if STARs for DESTINATION airport do not appear, press **☰** a second time.
 - a. Select ARRIVE for the DESTINATION.
 - b. Select the desired STAR and select TRANSITION.
 - c. Verify the waypoints, resolve discontinuities, and press **☰**.

LOADING AN APPROACH

1. Press **☰**, if ARRIVALS for DESTINATION airport do not appear, press **☰** a second time.
 - a. Select ARRIVE for the DESTINATION airport.
 - b. Select the desired approach and select TRANSITION.
 - c. Verify the waypoints, resolve discontinuities, and press **☰**.

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