

### VOICEFLIGHT ACTIVATION SWITCH (VAS)

- ▶ VFS101 only accepts input when the VAS is depressed
- ▶ Initial VAS depression generates double beep (system ready)
- ▶ Releasing VAS discards partial entries and extraneous noise (Useful for mistakes or accidental speech/noise)
- ▶ VAS release also cancels edit selection and pending airways
- ▶ All VFS101 audio feedback is inhibited after VAS release



= Depress and Hold VAS

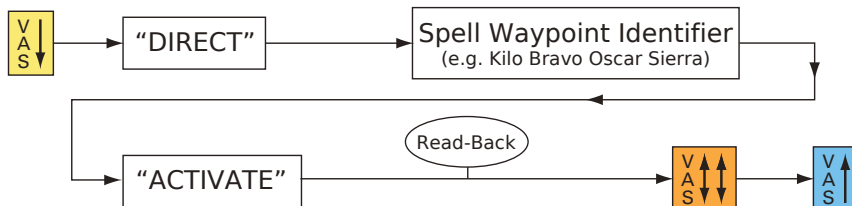


= Release VAS

### ALPHABETIC IDENTIFIER ENTRY

- ▶ Uses standard ICAO spelling alphabet (Alpha, Bravo, Charlie, etc.)
- ▶ Only standard words are recognized (avoid: Adam, Fox, Ohhh, etc.)
- ▶ Alphanumeric airports are prefaced with the character "K"
- ▶ Numbers are entered as a string of digits (Victor Fife Zero Niner)
- ▶ Only waypoints within 250 nautical miles are recognized

### DIRECT-TO WAYPOINT ENTRY

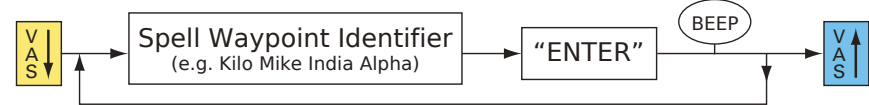


- ▶ Audio readback of recognized direct-to waypoint is provided
- ▶ If correct, waypoint is confirmed by double-clicking VAS (entry is discarded after 2-3 seconds without double-click)
- ▶ **CAUTION:** Waypoint and Track error (=0) must be verified on NAV page

### FLIGHTPLAN OPERATIONS

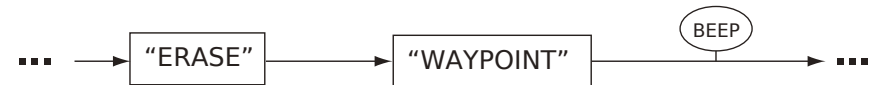
- ▶ VFS101 operates only on FlightPlan#19 in Stored Catalog
- ▶ FlightPlan #19 should be selected and visible during use (FPL, Rotate Inner, Push Cursor, Select #19, Enter)
- ▶ Title line on FlightPlan #19 provides the best feedback
- ▶ After Entry and Verification, Flightplan#19 can be Activated (Menu, Select: "Activate Flight Plan", Enter)

### ENTERING WAYPOINTS



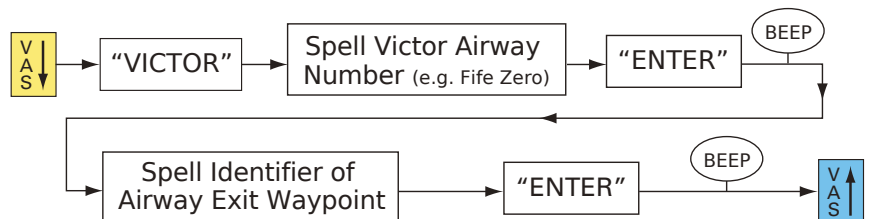
- ▶ Waypoints are added to the end of FlightPlan #19

### ERROR CORRECTION



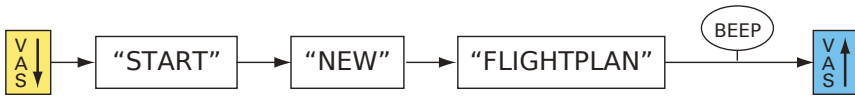
- ▶ Removes last waypoint from FlightPlan#19
- ▶ Easily corrects misrecognized or unintended entries

### VICTOR AIRWAYS



- ▶ Previous waypoint in FlightPlan must be on stated Airway
- ▶ VAS must remain depressed between airway name and exit waypoint
- ▶ **CAUTION:** Sequence of waypoints generated for an airway must be carefully verified before FlightPlan activation

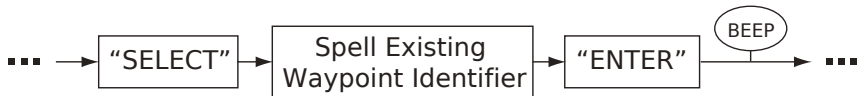
## STARTING NEW FLIGHTPLAN



- Erases entire contents of FlightPlan #19

## ADVANCED EDITING

- Insertions and deletions normally occur at end of FlightPlan #19
- To edit elsewhere, an editing position must be SELECTED

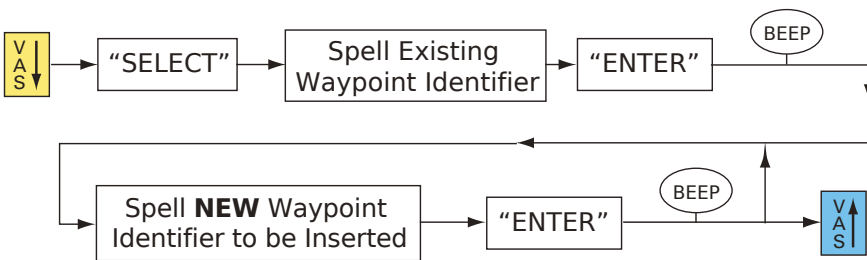


- Selects a position in FlightPlan #19 for subsequent edits
- Selected waypoint is surrounded by asterisks on title line:

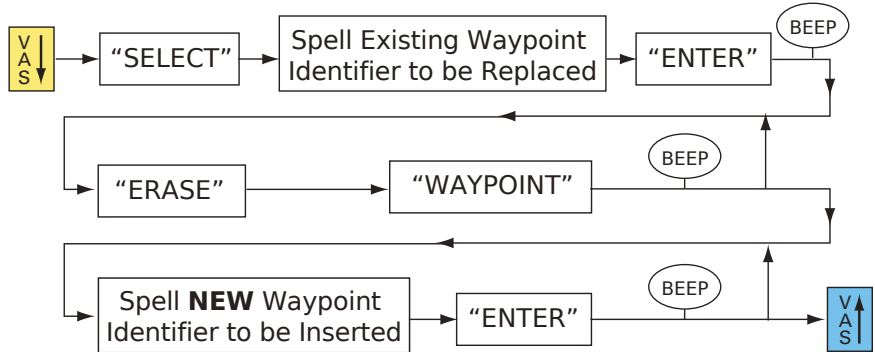
**HFD -> \*BOS\* -> KMHT**

- **CAUTION:** Blinking cursor in flightplan does NOT reflect VFS101 selection
- New waypoints are inserted above selected waypoint
- "ERASE WAYPOINT" removes the selected waypoint
- Selection is canceled when VAS is released

## INSERTING WAYPOINTS INTO FLIGHTPLAN



## REPLACING FLIGHTPLAN WAYPOINTS



## ROUTING CHANGE



- Only VALID while selection is active
- Erases all waypoints in flightplan AFTER selected waypoint

## SPELLING ALPHABET

Alpha	Juliet	Sierra	Two
Bravo	Kilo	Tango	Three
Charlie	Lima	Uniform	Four
Delta	Mike	Victor	Five
Echo	November	Whiskey	Six
FoxTrot	Oscar	X-Ray	Seven
Golf	Papa	Yankee	Eight
Hotel	Quebec	Zulu	Niner
India	Romeo	One	Zero