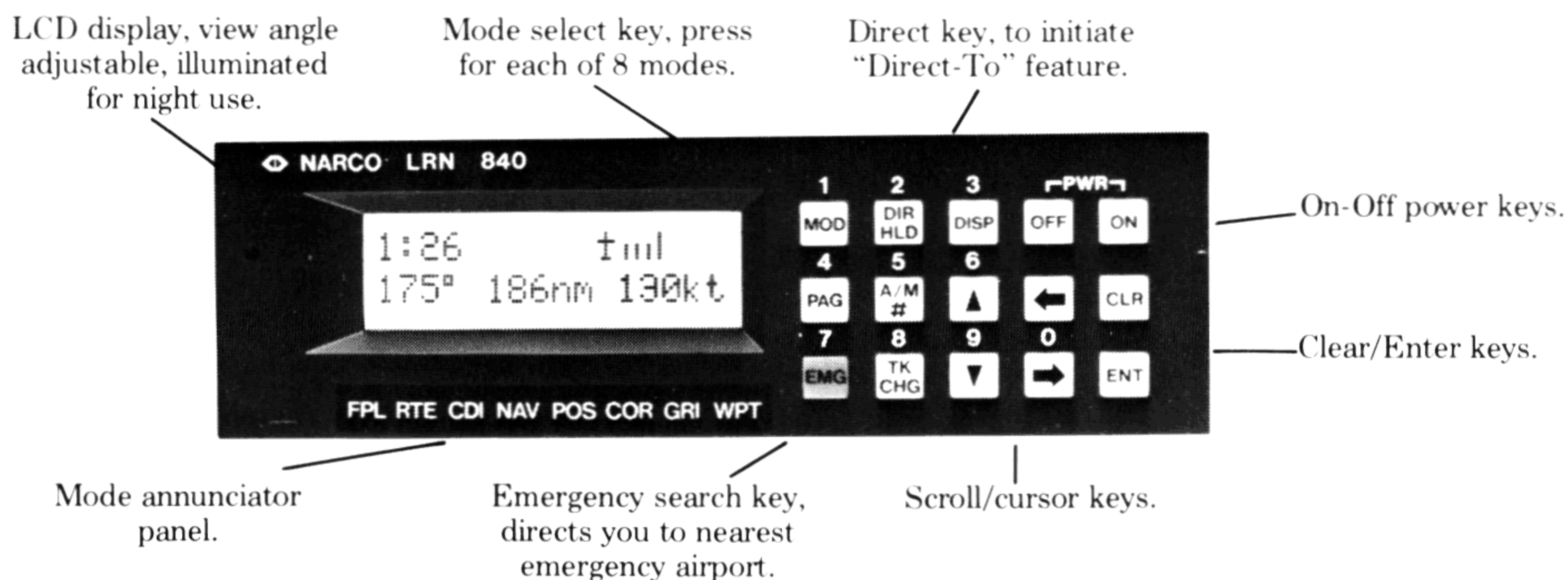


Narco LRN 840 Loran-C Abbreviated Cockpit Guide



The following abbreviated operating procedures assume that the LRN 840 has previously been initialized for proper automatic operation. If the unit has not been initialized, refer to the Operator's Manual, Section 3.6.

The basic method of navigation with the LRN 840 (flying direct to an airport in the LRN 840 database) is as follows:

1. Turn unit on by pressing "ON" key. Upon turn-on, unit is in "RTE" mode.
2. Press "DIR HLD" key.
3. Press "A/M # " key to select "APT" or "APTD" as destination waypoint type.*
4. Press "▲" or "▼" key to scroll to first character of desired airport.*
5. Press "→" key.
6. Press "▲" or "▼" key to scroll to desired waypoint.
7. Press "ENT" key.

Unit automatically sequences to CDI mode and displays navigation information to destination airport.

* NOTE: Airport waypoints are organized in two parts, user entered data and permanent data stored in the LRN 840 database. The label "APT" indicates a user entered airport, while "APTD" indicates an airport stored in the LRN 840 database. User memory can be changed, but the LRN 840 database memory cannot be changed unless the internal memory chip is physically replaced. When scrolling through the airport database, the label identifying the waypoint type (APT) will automatically change from "APT" to "APTD" when the waypoint displayed changes from a user generated waypoint to a waypoint contained in the LRN 840 database.

IMPORTANT - User generated waypoints are stored and searched separately from database waypoints. When scrolling, user waypoints will be displayed first in alphabetical order; and then database waypoints will be displayed in alphabetical order. **BE SURE TO SCROLL THROUGH THE "APT" AND "APTD" CATEGORIES WHEN SEARCHING FOR DESIRED AIRPORT.**

Narco LRN 840 Loran-C Abbreviated Cockpit Guide Cont'd.

NOTE: When "RTE" or any other mode or display is blinking, navigation is not advised. Blinking indicates GRI acquisition is not complete, or presence of a fault condition.

The basic method of entering a waypoint is as follows:

1. Press and release "MOD" key to cycle to "WPT" mode.
2. Press and release "A/M" # key to cycle to desired waypoint type (APT, VOR, NDB, or MSC)
3. Press " → "
4. Press " ▲ " or " ▼ " key to scroll to first character of desired waypoint name.
5. Press " → " key to move cursor.
6. Scroll to next character with " ▲ " or " ▼ " key.
7. Continue steps 5 and 6 to complete waypoint name. Up to 5 characters may be used. If less than 5 characters are desired, press the " → " key to move the cursor to the first position of the latitude entry.
8. North latitude is assumed for latitude entry; if South latitude is desired, press " → " key. Enter latitude using numbered keys.
9. West longitude is assumed for longitude entry; if East longitude is desired, press " → " key. Enter longitude using numbered keys.
10. Press "ENT" key.
11. If secondary information is not desired, press "ENT" key. Enter secondary information using numbered keys and press "ENT". Press " → " key to select East or West for magnetic variation. Secondary information is as follows:

WPT TYPE

APT
VOR
NDB
MSC

DATA TO ENTER

Mag. Variation, Runway Length, Elevation
Mag. Variation, Freq., Elevation
Mag. Variation, Freq., Elevation
Mag. Variation, Elevation

This Abbreviated Guide is designed to facilitate your orientation to the LRN 840, or to be used as a refresher. For a detailed treatment of LRN 840 procedures (including additional modes and secondary functions), refer to Narco Avionics form #117B, the LRN 840 Operator's Manual.



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