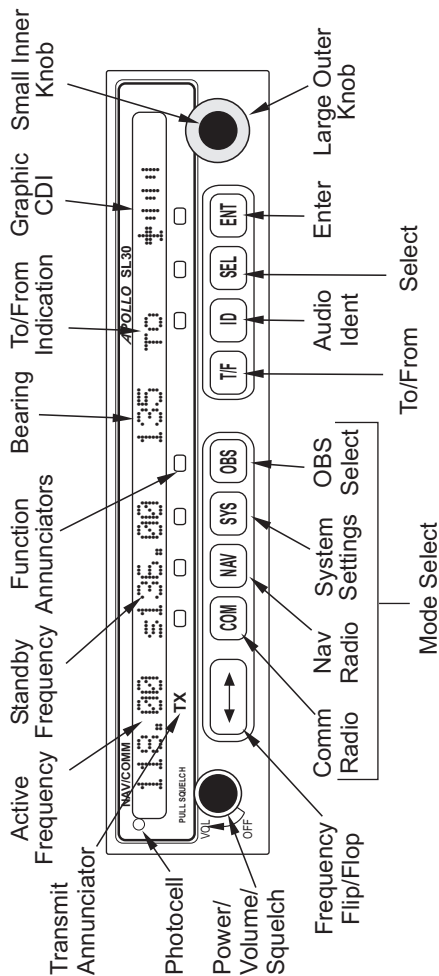
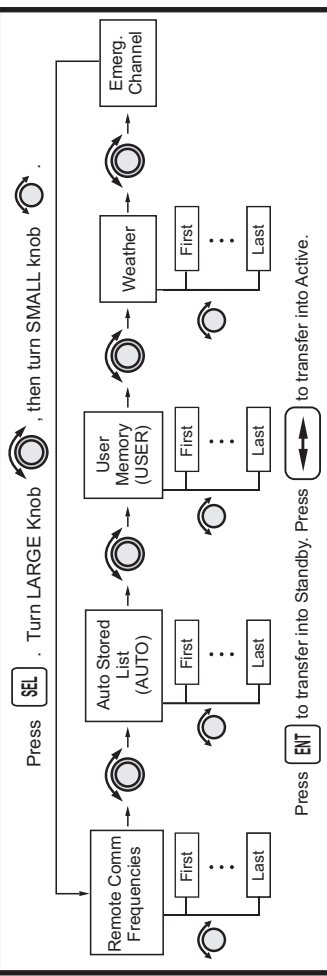


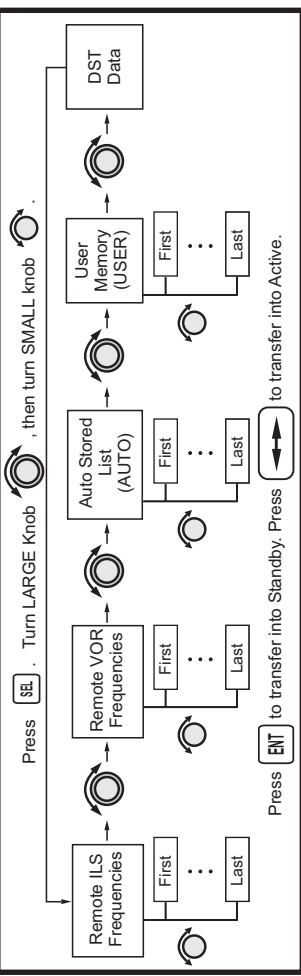
# Apollo SL30 Quick Reference Guide



## Comm Frequencies



## Nav Frequencies

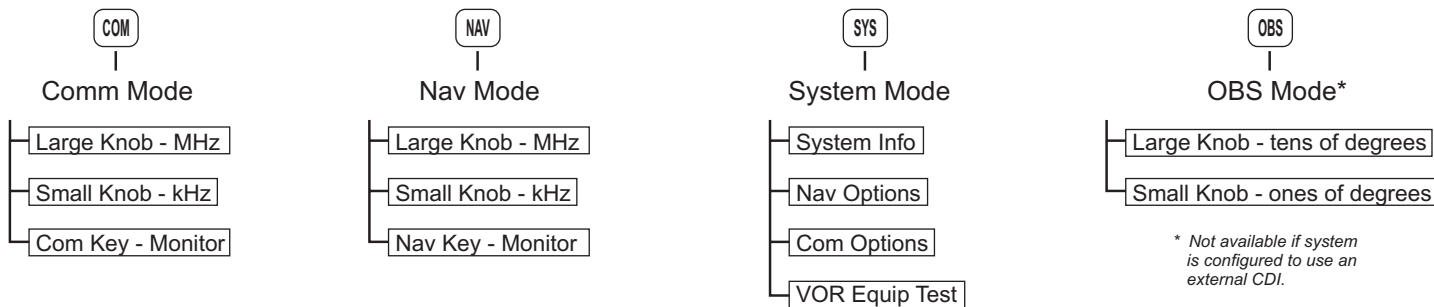


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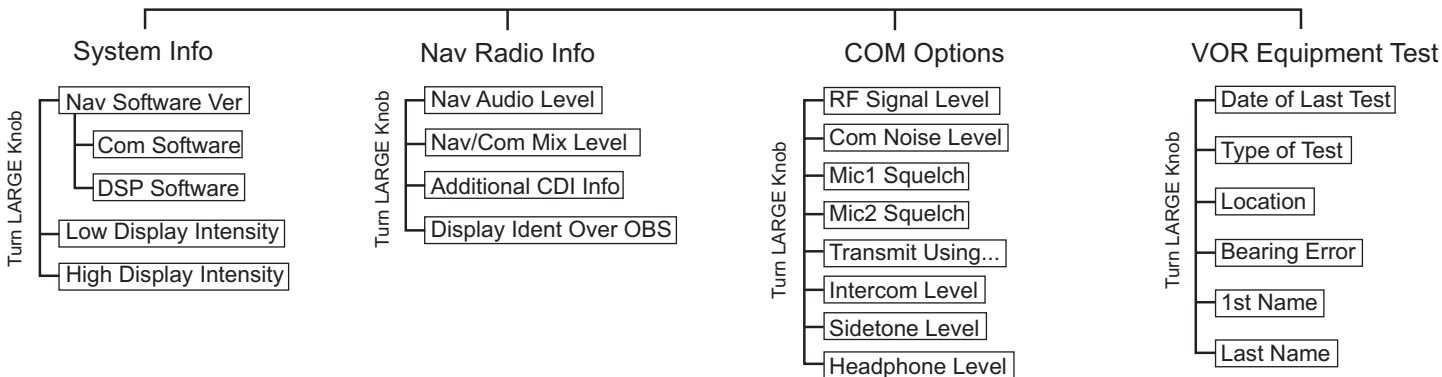
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## Operation Summary



## System (SYS)

Press SYS. Turn LARGE Knob to selection, then press ENTER.



### Monitoring a Comm Frequency

The Comm Frequency Monitoring function allows you to monitor the Standby Comm frequency for activity, while listening to the Active frequency.

Press the COM key while in the Comm function to listen to the Standby frequency. A small "m" will replace the "s" in front of the Standby frequency.

Press the COM key a second time to exit. Note that changing modes (NAV, SYS, etc.) will not disable the Comm frequency monitoring.

### Monitoring a Nav Frequency

The Nav radio provides a monitor function for VORs in the Standby channel similar to the Comm radio. The monitor function is activated or deactivated by pressing the NAV button while in the Nav function. A small "m" will replace the "s" in front of the Standby frequency. The From radial for the Standby channel is shown in parentheses when the VOR monitor mode is activated. This replaces the station identifier, OBS course, or VOR/LOC indicator. The Standby VOR radial is updated once per second. You cannot monitor a Localizer channel and the Nav audio is temporarily disabled while the system is monitoring the Standby VOR.

If no signal can be tracked on the Standby channel, then it will be dashed out.

The VOR Monitor function is turned off when you flip/flop frequencies, recall a frequency, or press NAV again. Monitoring is not canceled by switching to Comm.

### Listening to the Audio Channel

The audio for the active Nav channel is toggled between modes using the ID button. The annunciator above the button will light while the Nav audio is activated, and the detected audio signal will be sent to the Nav audio output circuit. Nav audio may also be mixed with the Comm audio output, if selected in the System mode. This feature is used for installations that do not use an external audio panel. When you are monitoring a VOR, Nav audio is suspended. There are three modes for the Nav audio (Ident code, voice Ident, no Ident). Press the ID button to start the ID mode. "IDENT" will be displayed for three seconds. The Morse code tones sent over the VOR/Localizer channels will be heard. If the ID button is pressed a second time, "VOICE" will be displayed for three seconds. The Morse code tone volume will be reduced so you can hear the voice transmission more clearly. Press ID again to turn the audio and ID annunciator off.

The last audio output selection is kept in memory until you change it, even when the SL30 is powered off. Using this feature, you may leave the audio enabled and then control it by an external audio panel.

### Example Back Course and Monitoring a Standby VOR

1. Press NAV to select the Nav receiver.
2. Set the Localizer frequency of your approach as the Active channel.
3. Press SEL. The display will prompt you to enable the Back Course.
4. Press ENT to enable the Back Course. Press SEL and ENT again to disable the back course when it's appropriate. When Back Course is enabled, it is noted by "bc" on the display. You may also have a "bc" annunciation on the external CDI.
5. Set the Standby channel to the appropriate VOR and note where a radial crosses the FAF and MAP for your approach. Press NAV a second time to "monitor" the Standby channel. A small "m" will replace the "s".
6. The internal CDI (on the right side of the display) and the external CDI, if installed, will guide you along the course to the runway.
7. The radial of the Standby channel you are monitoring will be shown in parentheses to the right of the Standby channel.
8. Use the monitored Standby channel to note your location along the approach.

