



1. VOR/LOC warning flag — Provides a visual indication when the VOR/LOC signal is unreliably weak or when navigation system malfunctions.
2. Lubber line — Represent centerline of helicopter forward.
3. Heading marker — Movable reference marker set to a selected heading with the HEADING SET knob. Heading marker will be aligned on the lubber line when flying the selected heading. The marker moves with compass card except while being mechanically positioned by the heading set knob.
4. Course pointer — Movable reference point indicating the selected course. Rotating the COURSE SET knob corresponds with the COURSE window digital readout. Course pointer will be aligned on the lubber line when flying the selected course.
5. Course window — The digital course readout set by the COURSE SET knob, presents selected course in the COURSE window setting of the course pointer.
6. Bearing pointer No. 2 — Indicates ADF bearing to the received station and is read against the compass card.
7. Compass OFF flag — Provides a visual indication of system malfunction, and will come into view whenever the HSI or the gyromagnetic compass set is not receiving 115 VAC input power.
8. Course deviation bar — Indicates deviation from the selected VOR radial or localizer path. The deviation bar will be aligned with the course pointer and the fixed aircraft symbol when on the selected VOR course.
9. Course set knob — Selects course indicated by course pointer and COURSE window digital readout.
10. Reciprocal bearing pointer No. 1 — Indicates 180 degrees from the received VOR/LOC station.
11. Compass card (azimuth dial) — Presents heading data received from the compass system and is read under the lubber line.
12. Aircraft symbol — Represent aircraft in relation to the compass heading.
13. Heading set knob — Selects heading indicated by heading marker.
14. Reciprocal bearing pointer No. 2 — Indicates 180 degrees from the received ADF station.
15. Glide slope warning flag — Provides a visual indication of a malfunction in the glide slope system, or when the glide slope signal is unreliably weak.
16. Glide slope pointer — Displays aircraft deviation above or below the glidepath. The pointer represents the position of the beam center in relation to the aircraft.
17. To-from pointers — Indicates whether flying to or from the selected VOR station. The triangular pointers appear at the head or tail of the course pointer to indicate to or from, respectively.
18. Bearing pointer No. 1 — Indicates the bearing to the VOR/LOC received station and is read against the compass card. If dual VOR is installed, the No. 1 pointer displays either NAV 1 or NAV 2 bearing as selected by the appropriate pilot or copilot BRG PTR No. 2 switch.

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Figure 97-16. Horizontal situation indicator (S/N 30597 and subsequent)