

Docket No. SA-533

Exhibit No. 2-00

NATIONAL TRANSPORTATION SAFETY BOARD


WASHINGTON, D.C.

Excerpts from ATR 42 FCOM (Fast/Slow Indicator)

(3 Pages)

ATTACHMENT

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 ATR 42 F.C.O.M.	FLIGHT INSTRUMENTS EFIS	1.10.30		
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⑭ Marker beacon information

A white box appears below the glide slope deviation scale as soon as a LOC frequency is selected on the related NAV control box.

- OUTER MARKER : Detection of the Outer Marker causes a blue "O" to be displayed inside the white box.
- MIDDLE MARKER : Detection of the Middle Marker causes an amber "M" to be displayed inside the white box.
- INNER MARKER : Detection of the Inner Marker causes a white "I" to be displayed inside the white box.

Note : When a VOR frequency is selected, no marker box is visible. However, when a marker beacon is overflowed, the marker box and indication appear simultaneously.


⑮ FAST/SLOW indicator

A green scale on left hand side of the EADI indicates the difference between speed selected thanks to the speed bug on the related airspeed ind, and actual aircraft speed. A white index moves up (FAST) or down (SLOW) according to the deviation.

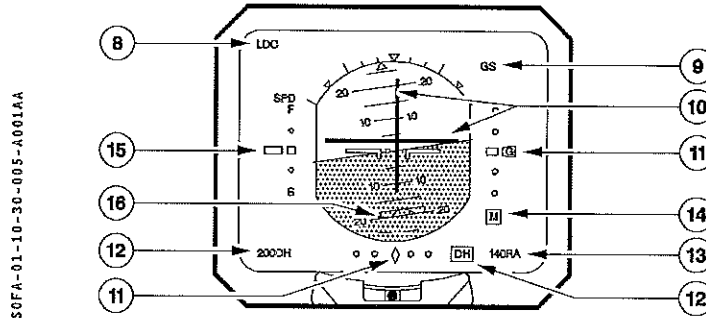
	DEVIATION > + 25 kts : index not visible
	+ 25 kts > DEVIATION > + 15 kts : index half visible
F	DEVIATION = + 11 kts
◇	DEVIATION = + 5,5 kts
	DEVIATION = 0
◇	DEVIATION = - 5,5 kts
S	DEVIATION = - 11 kts
	DEVIATION < - 11 kts : index remains visible

⑯ Runway Symbol

Appears when radio altitude becomes lower than 200 ft, and rises during the final descent to reach the aircraft symbol at zero radio altitude.

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- ⑧ Lateral ARM & CAPTURE
See chapter 1.04
- ⑨ Vertical ARM & CAPTURE
See chapter 1.04
- ⑩ Flight Director Command bars (magenta)
Display computed commands to capture and maintain a desired flight path. The commands are satisfied by flying the aircraft symbol to the command bars.
- ⑪ Glideslope and Localized indication
 - R . Deviation from ILS glideslope is indicated by an index on a scale which is marked by dots.
 - . Deviation from localizer is indicated by an index on a scale which is marked by dots.

Note : Indexes and scales are visible only when an ILS frequency is selected on the related NAV control box.
- ⑫ DH indication and annunciator
 - . Displays the selected decision height in feet (blue), and the " DH" letters in white. When selected DH is set to zero, DH information disappears from EADI. Maximum selectable Decision Height is 990 ft.
 - . When aircraft radio-altitude reaches selected decision height + 100 ft, a white box appears near the radio altitude on EADI. When aircraft radio-altitude becomes lower than selected decision height, the amber " DH" symbol illuminates inside the white box.
- ⑬ Radio altitude indication
Displays in blue the radio-altitude and in white the RA letters. When radio-altitude indication is not valid, this information is replaced by amber dashes.
Range of readable radio-altitude is from - 20 ft to 2500 ft.
Above 2500 ft, radio altitude information is not displayed. See chapter 1.15.30.