

DESCRIPTION

The aircraft has two radio altimeters which provide the height of main landing gear above ground. Normally the CAPT PFD displays the RA1 height and the F/O PFD displays the RA2 height. If either radio altimeter fails, both PFDs display the height from the remaining one.

INDICATIONS ON PFD

(Refer to 1.31.40).

AUTOMATIC CALLOUT

FWC generates a synthetic voice for radio height announcement below 2500 feet. These announcements come through the cockpit loudspeakers even if the speakers are turned off.

PREDETERMINED CALLOUTS

The altitude callout uses the following predetermined threshold :

height (ft)	call out
2500	TWO THOUSAND FIVE HUNDRED or TWENTY FIVE HUNDRED
2000	TWO THOUSAND
1000	ONE THOUSAND
500	FIVE HUNDRED
400	FOUR HUNDRED
300	THREE HUNDRED
200	TWO HUNDRED
100	ONE HUNDRED
50	FIFTY
40	FORTY
30	THIRTY
20	TWENTY
10	TEN
5	FIVE
DH (or MDA/MDH) + 100	HUNDRED ABOVE
DH (or MDA/MDH)	MINIMUM

Note : The reference altitude for callouts is the radio altitude for precision approaches (DH) and baro altitude (MDA/MDH) for non precision approaches.

Pin programmings allow the operator to select the callouts needed.
If aircraft remains at a height that is in the detection zone for a height callout, the corresponding message is repeated at regular intervals.

INTERMEDIATE CALL OUT

If time between two consecutive predetermined call outs exceeds a certain threshold, the present height is repeated at regular intervals.

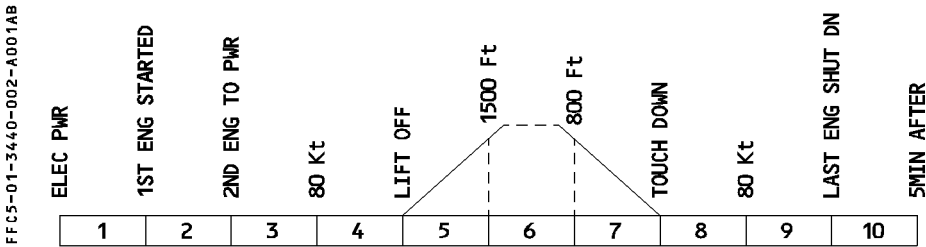
The threshold is : 11 seconds above 50 feet
4 seconds below 50 feet

The repeating interval is 4 seconds.

“RETARD” ANNOUNCEMENT

The loudspeaker announces “RETARD” at 20 feet or at 10 feet if autothrust is active and one autopilot is in LAND mode.

WARNINGS AND CAUTIONS



EWD : FAILURE TITLE conditions	AURAL WARNING	MASTER LIGHT	SD PAGE CALLED	LOCAL WARNINGS	FLT PHASE INHIB
RA 1 (2)(1+2) FAULT	SINGLE CHIME	MASTER CAUT	NIL	Flag on PFD	3, 4, 5, 8