TABLE 8a—BASIC DATA WORDS

Data bit #	Data item definition	LSB value	Data bit value
Basic Data Word No. 1			
1	Preamble	N/A	1
2			1
3			1
4			0
5			1
6			0
7			1
8			0
9			1
10			0
11			0
12			0
13	Approach azimuth to threshold distance (Om − 630m).	100m	100m
14			200m
15			400m
16			800m
17			1600m
18			3200m
19	Approach azimuth proportional coverage limit (negative limit) (0° to − 62°).	2°	− 2°
20			− 4°
21			− 8°
22			− 16°
23			− 32°
24	Approach azimuth proportional coverage limit (positive limit) (0° to + 62°).	2°	2°
25			4°
26			8°
27			16°
28			32°
29	Clearance signal type	N/A	0 = pulse; 1 = SB
30	Spare		Transmit zero
31	Parity: (13 + 14 + 15. . . + 30 + 31 = odd).	N/A	N/A
32	Parity: (14 + 16 + 18. . . + 30 + 32 = odd).	N/A	N/A

Note 1: Transmit throughout the Approach Azimuth guidance sector at intervals of 1.0 seconds or less.

Note 2: The all zero state of the data field represents the lower limit of the absolute value of the coded parameter unless otherwise noted.

Basic Data Word No. 2			
1	Preamble	N/A	1
2			1
3			1
4			0
5			1
6			0
7			1
8			1
9			1
10			1
11			0
12			0
13	Minimum glide path (2.0° to 14.7°).	0.1°	0.1°
14			0.2°
15			0.4°
16			0.8°

TABLE 8a—BASIC DATA WORDS—Continued

Data bit #	Data item definition	LSB value	Data bit value
17			1.6°
18			3.2°
19			6.4°
20	Back azimuth status		see note 4
21	DME status		see note 6
22			
23	Approach azimuth status		see note 4
24	Approach azimuth status		see note 4
25	Spare		Transmit zero
26	.....do		Do.
27	.....do		Do.
28	.....do		Do.
29	.....do		Do.
30	.....do		Do.
31	Parity: (13 + 14 + 15. . . + 30 + 31) = odd).	N/A	N/A
32	Parity: (14 + 16 + 18. . . + 30 + 32 = odd).	N/A	N/A

Note 1: Transmit throughout the Approach Azimuth guidance sector at intervals of 0.16 seconds or less.

Note 2: The all zero state of the data field represents the lower limit of the absolute range of the coded parameter unless otherwise noted.

Basic Data Word No. 3			
1	Preamble	N/A	1
2			1
3			1
4			0
5			1
6			1
7			0
8			1
9			0
10			0
11			0
12			0
13	Approach azimuth beamwidth (0.5° − 4.0°) See note 7.	0.5°	0.5°
14			1.0°
15			2.0°
16	Approach elevation beamwidth (0.5° to 2.5°) See note 7.	0.5°	0.5°
17			1.0°
18	Note: values greater than 2.5° are invalid.		2.0°
19	DME distance (Om to 6387.5m.	12.5m	12.5m
20			25.0m
21			50.0m
22			100.0m
23			200.0m
24			400.0m
25			800.0m
26			1600.0m
27			3200.0m
28	Spare		Transmit zero
29	.....do		Do.
30	.....do		Do.
31	Parity: (13 + 14 + 15. . . + 30 + 31 = odd).		
32	Parity: (14 + 16 + 18. . . + 30 + 32 = odd).	N/A	N/A