

Docket No. SA-532

Exhibit No. 7-B

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D.C.

Structures Group Chairman's
Attachment 1 to the Factual Report
Figures

(11 Pages)



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

STRUCTURES GROUP CHAIRMAN'S FACTUAL REPORT

DCA09MA026

May 12, 2009

Attachment 1
Figures

Accident #: DCA09MA026 | N106US

Description: Structural Description.

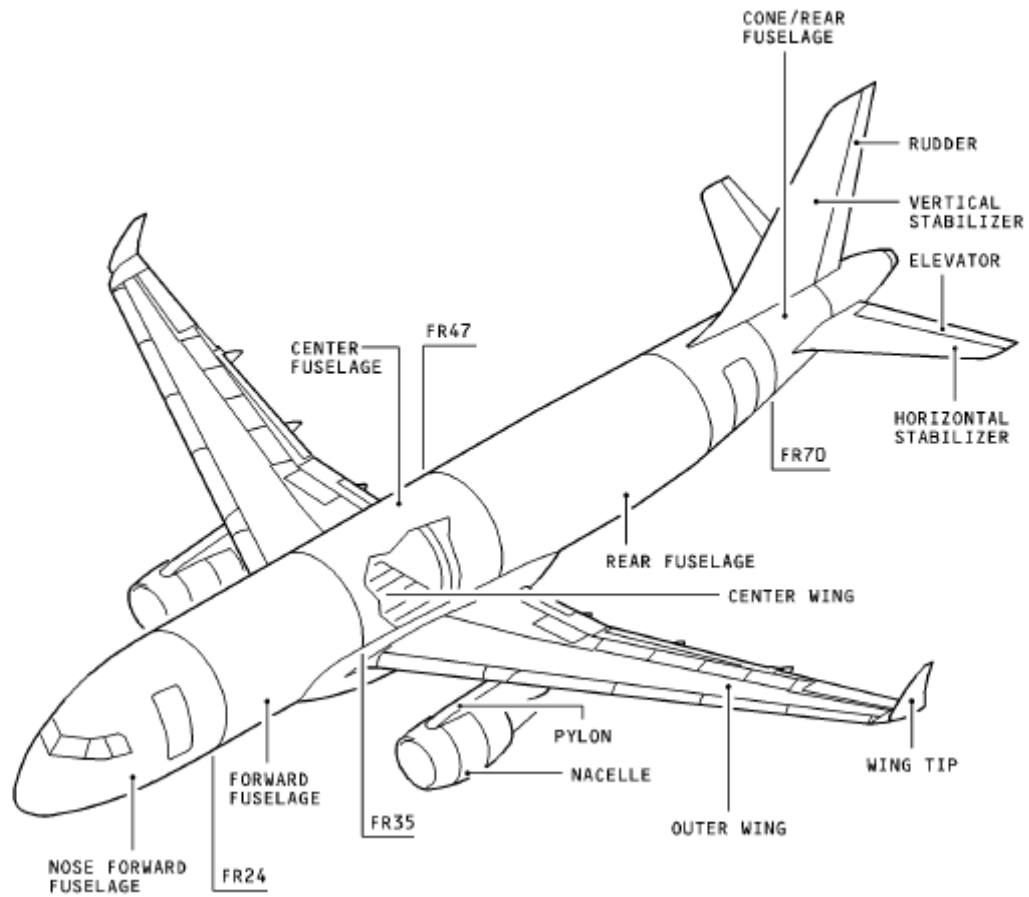


Figure 1

Accident #: DCA09MA026 | N106US

Description: Airplane Dimensions.

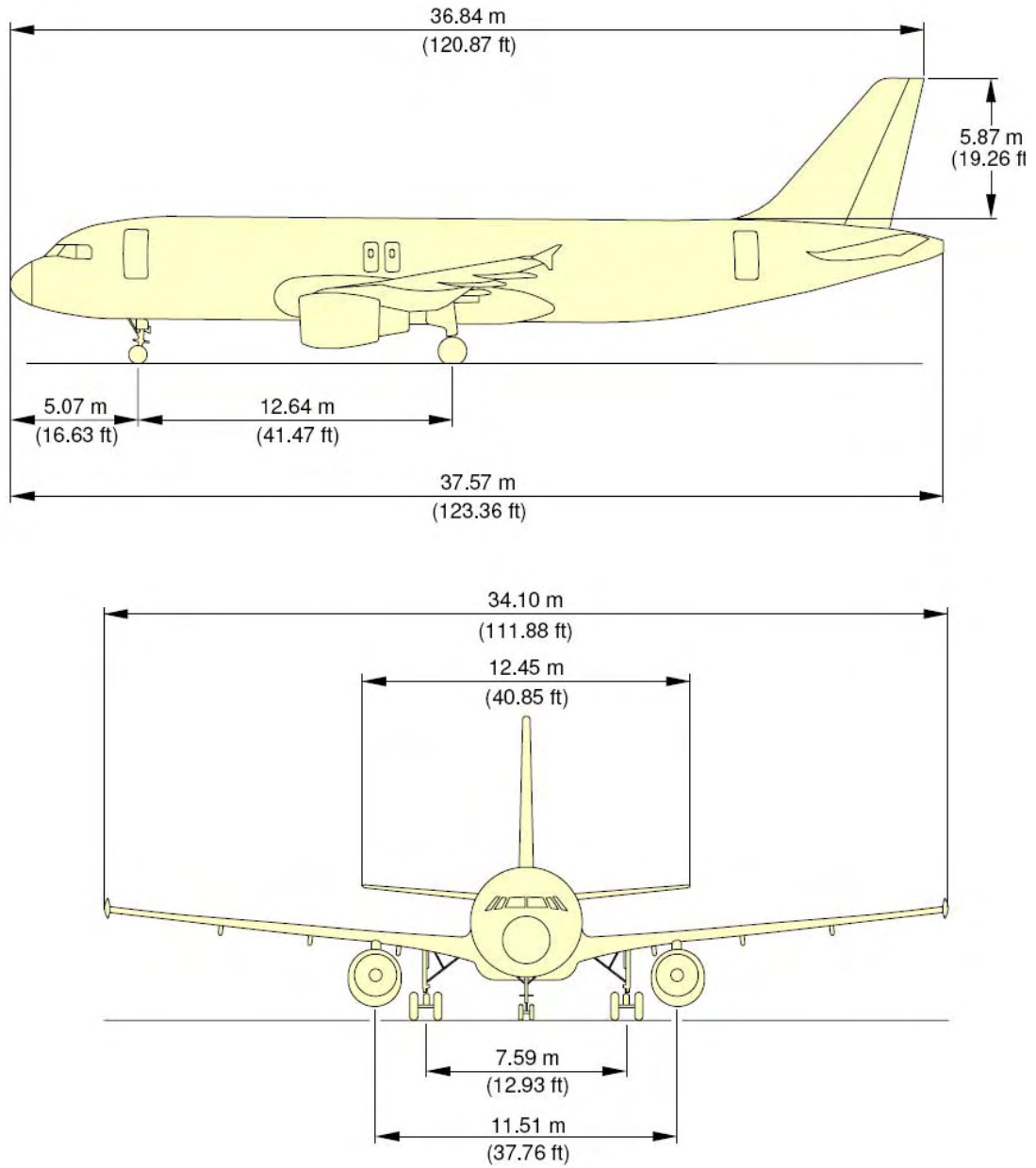


Figure 2

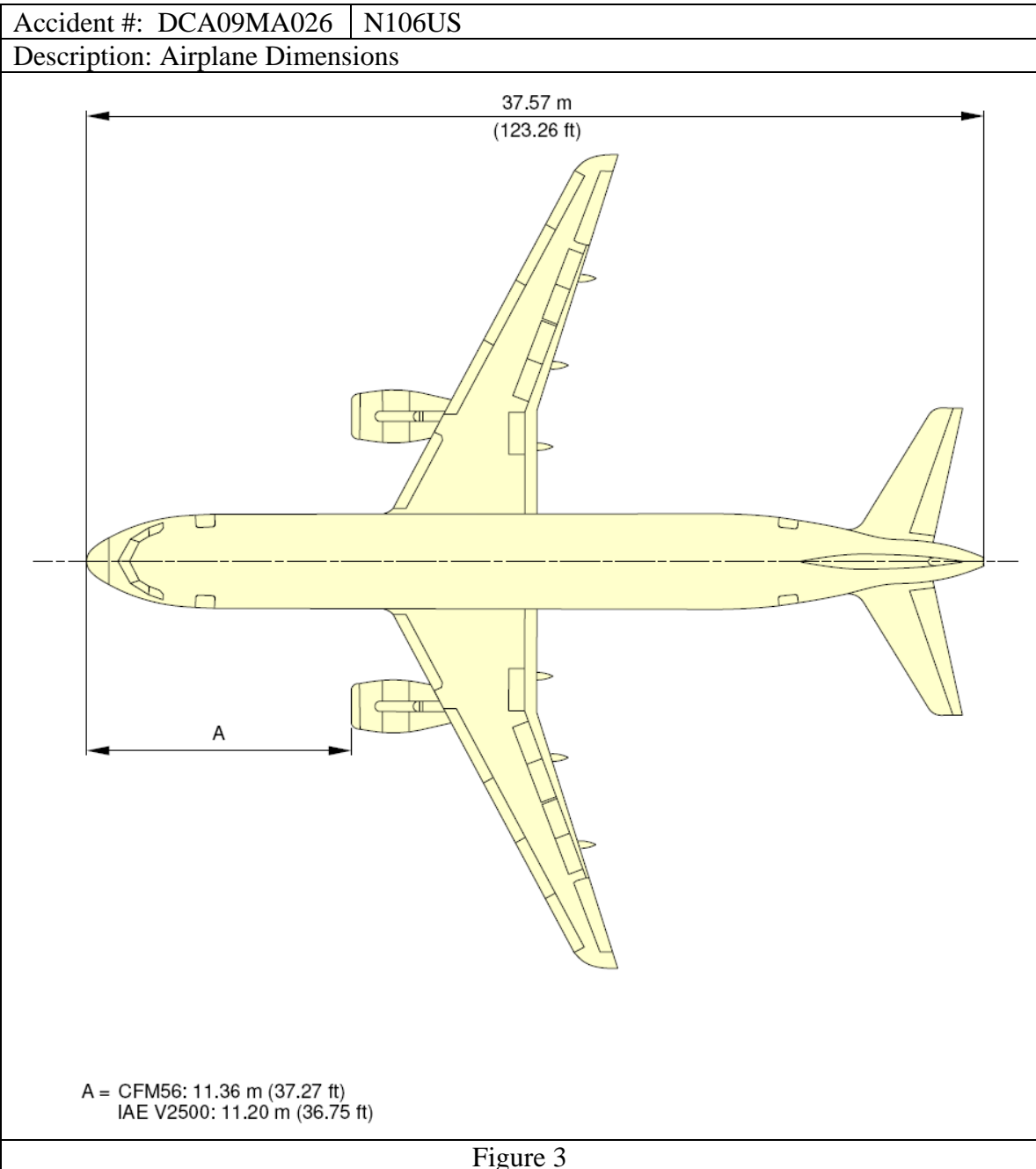


Figure 3

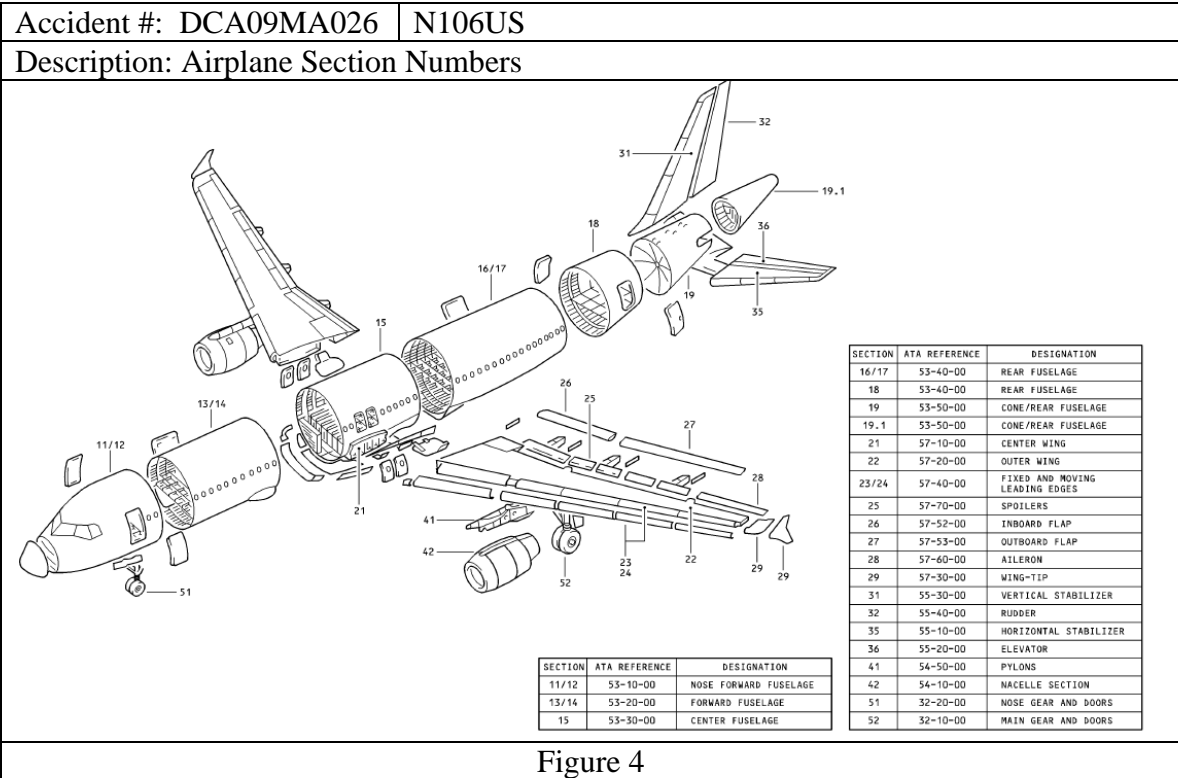
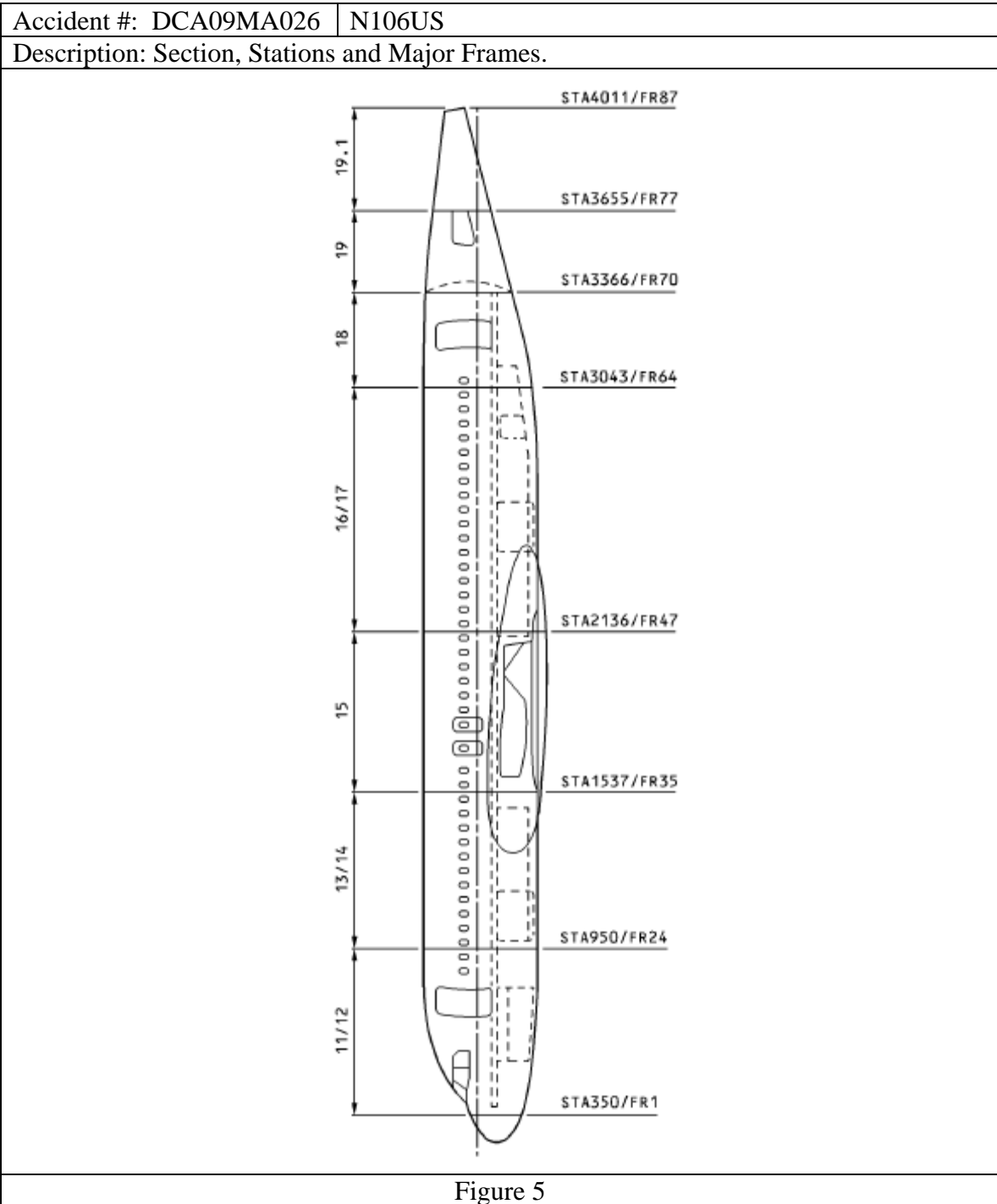
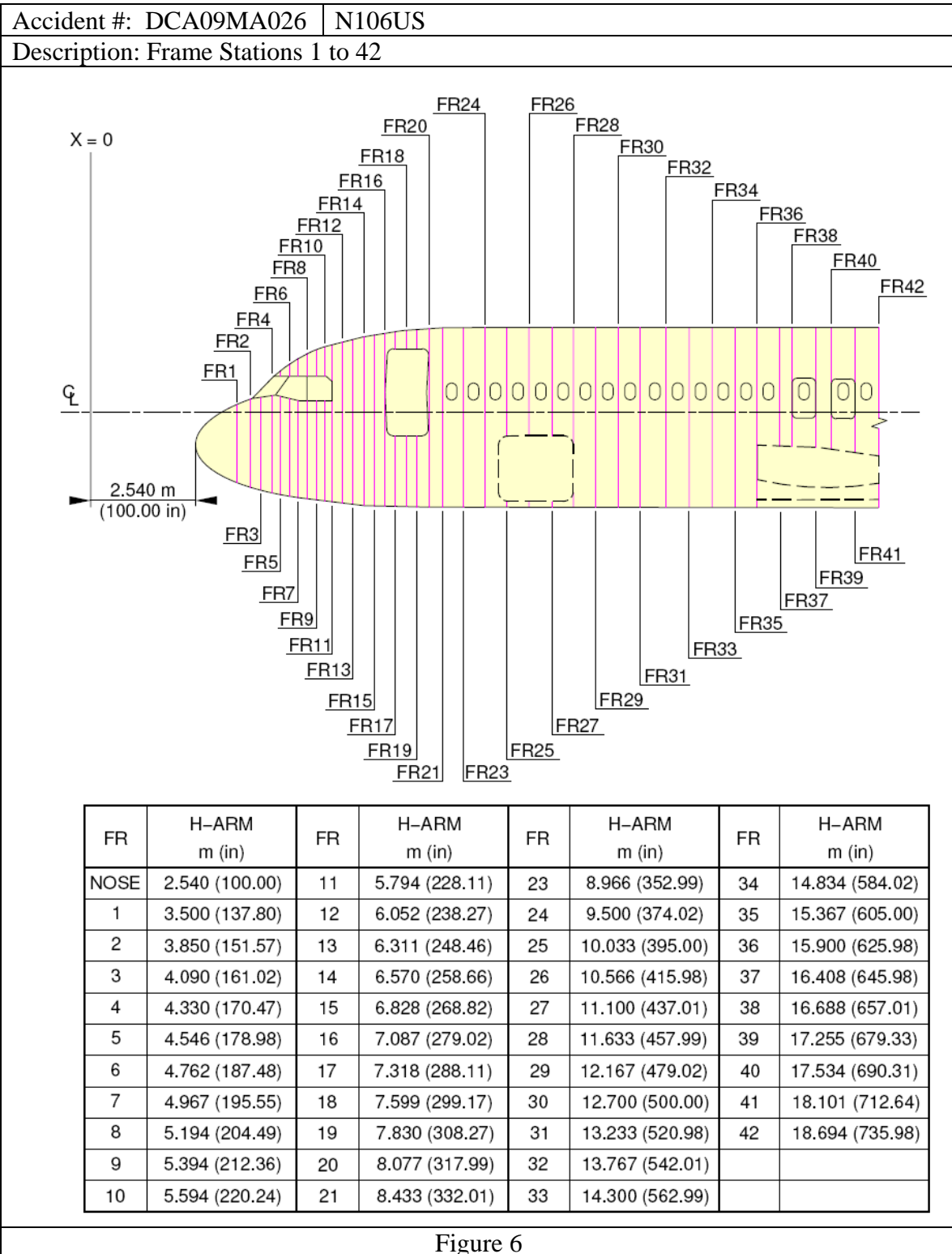
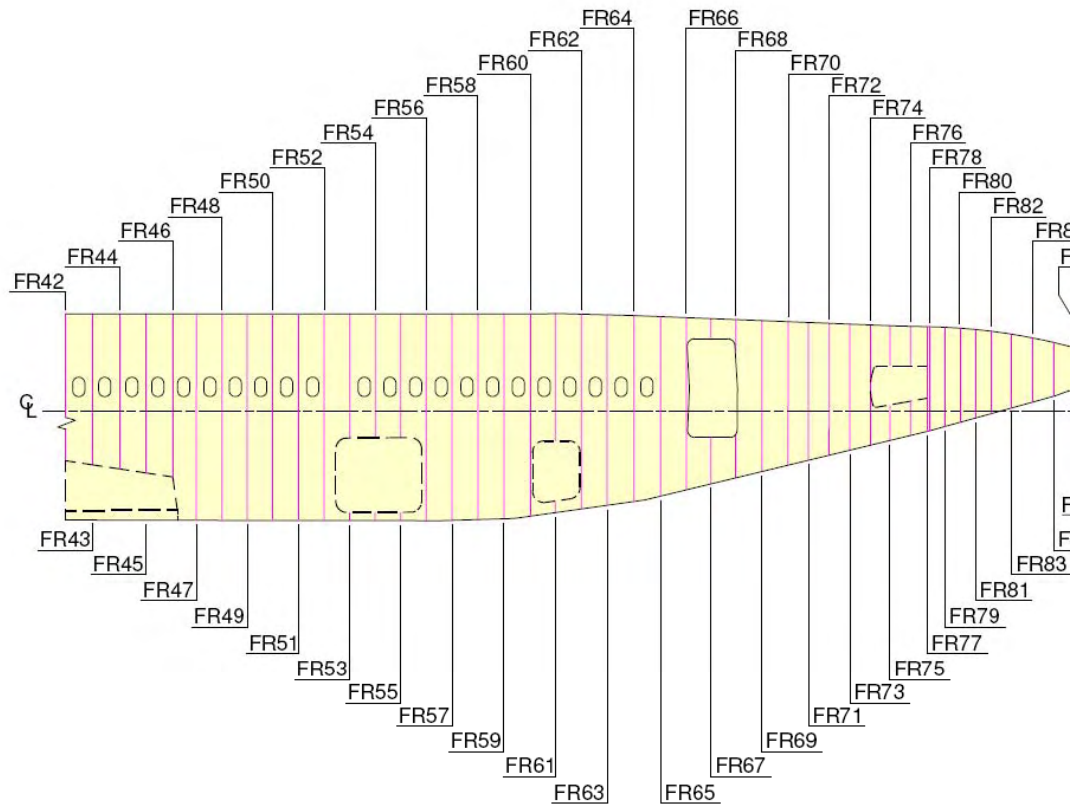


Figure 4





Accident #: DCA09MA026 | N106US
 Description: Frame Stations 42 to 87



FR	H-ARM m (in)	FR	H-ARM m (in)	FR	H-ARM m (in)	FR	H-ARM m (in)
42	18.694 (735.98)	54	25.095 (987.99)	66	31.577 (1243.19)	78	36.657 (1443.19)
43	19.228 (757.01)	55	25.629 (1009.02)	67	32.074 (1262.76)	79	36.976 (1455.75)
44	19.761 (777.99)	56	26.162 (1030.00)	68	32.571 (1282.32)	80	37.295 (1468.31)
45	20.295 (799.02)	57	26.695 (1050.98)	69	33.096 (1302.99)	81	37.665 (1482.87)
46	20.828 (820.00)	58	27.229 (1072.01)	70	33.655 (1325.00)	82	38.035 (1497.44)
47	21.361 (840.98)	59	27.762 (1092.99)	71	34.055 (1340.75)	83	38.490 (1515.35)
48	21.895 (862.01)	60	28.296 (1114.02)	72	34.506 (1358.50)	84	38.945 (1533.27)
49	22.426 (882.99)	61	28.829 (1135.00)	73	34.906 (1374.25)	85	39.400 (1551.18)
50	22.962 (904.02)	62	29.362 (1155.98)	74	35.306 (1390.00)	86	39.855 (1569.09)
51	23.495 (925.00)	63	29.896 (1177.01)	75	35.719 (1406.26)	87	40.113 (1579.25)
52	24.028 (945.98)	64	30.429 (1197.99)	76	36.132 (1422.52)		
53	24.562 (967.01)	65	31.013 (1220.98)	77	36.545 (1438.78)		

N_AR_091006_1_0010302_0

Figure 7

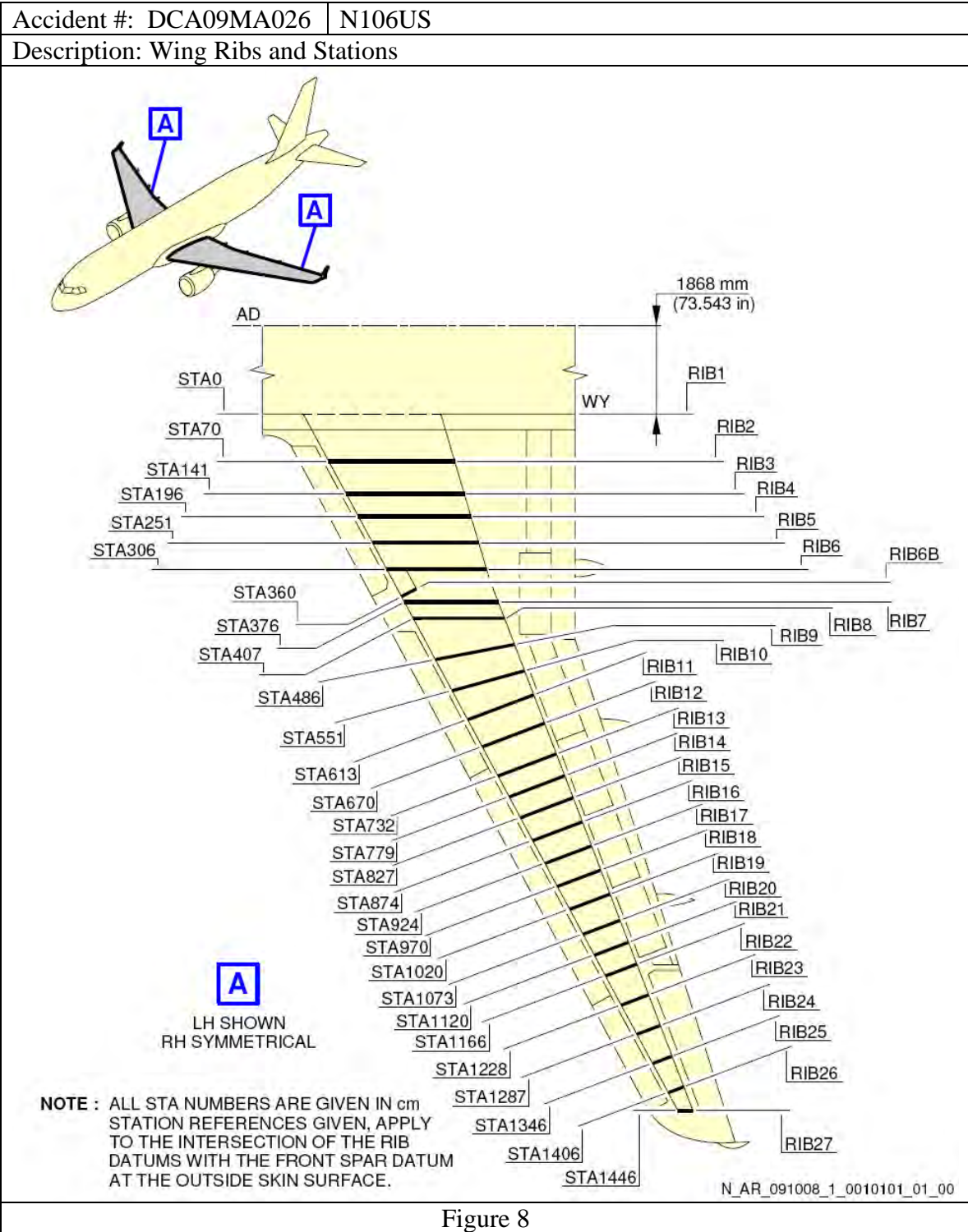
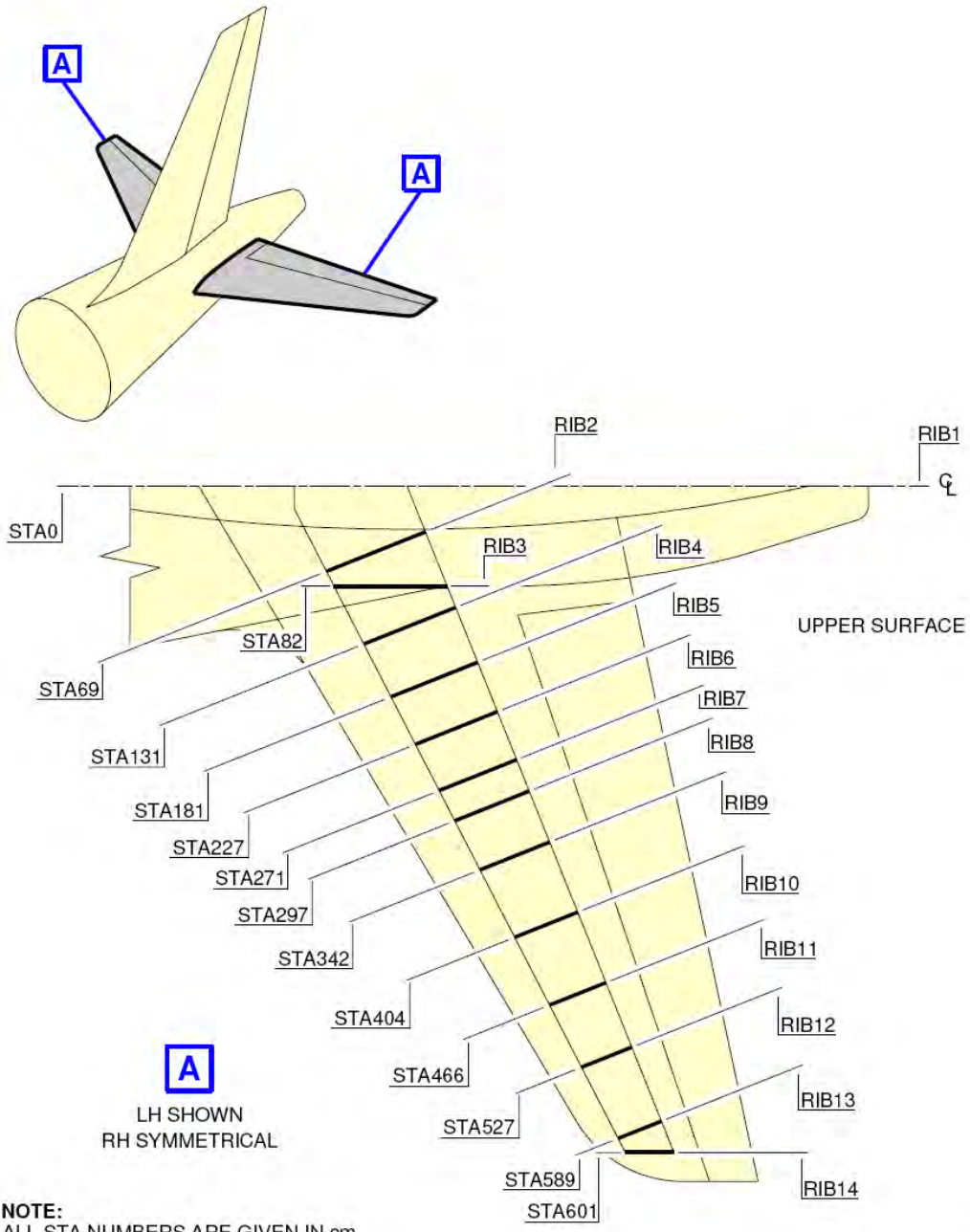


Figure 8

Accident #: DCA09MA026 | N106US
Description: Horizontal Stabilizer Ribs and Stations.



N_AR_091009_1_0010101_01_00

Figure 9

