

AIRCRAFT RECOVERY

QUICK GUIDE TO AIRBAG HEIGHTS UNDER AIRCRAFT

MEASUREMENTS ARE IN METERS FROM THE GROUND TO AIRCRAFT WITH AIRCRAFT STANDING ON ITS WHEELS
(HEIGHTS WILL VARY +/- X WITH DEGREE OF OLEO STRUT EXTENSION)

	Aircraft Type	OEW (kg)	OEW (lb)	STARBOARD			Fuselage	PORT		
				C	B	A		A	B	C
AIRBUS	Airbus A300	88,505	195,117	-	4.35	3.96	2.07	3.96	4.35	-
	Airbus A300 - 600	90,634	199,757	-	4.81	4.48	1.99	4.48	4.81	-
	Airbus A300 - 600R	88,626	195,331	-	4.81	4.48	1.99	4.48	4.81	-
	Airbus A310	79,051	174,228	-	4.8	4.3	1.68	4.3	4.8	-
	Airbus A318 - 100	38,818	85,579	-	3.52	2.88	1.72	2.88	3.52	-
	Airbus A319 - 100	39,826	87,801	-	3.16	2.81	1.74	2.81	3.16	-
	Airbus A320	42,144	92,912	-	3.2	2.82	1.77	2.82	3.2	-
	Airbus A321 - 200	46,959	103,527	-	3.36	2.58	1.84	2.58	3.36	-
	Airbus A340-600	174,179	384,000	5.5	4.8	4.2	2	4.2	4.8	5.5
	Airbus A340-500	167,829	370,000	4.91	4.66	4.31	2.16	4.31	4.66	4.91
	Airbus A330-200/300	120,132	264,845	-	4.65	4.25	2.28	4.25	4.65	-
	Airbus A350-900	130,800	288,365	-	5.13	4.75	2.6	4.75	5.13	-
	Airbus A380-861	270,281	595,866	6.91	6.5	Not Recommended	2.47	Not Recommended	6.5	6.91
	Airbus A380-841	270,015	595,281	6.91	6.5	Not Recommended	2.47	Not Recommended	6.5	6.91
BOEING	Aircraft Type	OEW (kg)	OEW (lb)	C	B	A	Fuselage	A	B	C
	Boeing 707	67,654	149,109	1.5	1.35	1.2	0.65	1.2	1.35	1.5
	Boeing 727 - 100/200	47,220	104,072	-	2.45	1.87	1.3	1.87	2.45	-
	Boeing 737 - 100 to 500	33,644	74,151	-	2.3	2.1	1.22	2.1	2.3	-
	Boeing 737 - 600/700/800/900	44,497	98,071	-	2.7	2.2	1.26	2.2	2.7	-
	Boeing 757 - 200/300	64,319	141,759	-	3.72	3.27	2.27	3.27	3.72	-
	Boeing 767 - 200 and -200ER	103,149	227,340	-	3.8	2.7	2.06	2.7	3.8	-
	Boeing B777-200 -300	161	354,000	-	5.75	4	3.05	4	5.75	-
	Boeing B747-400	179,000	394,000	5.04	3.96	3.6	3.13	3.6	3.96	5.04
Boeing 787 - 8/9/10	130,667	287,990	5.57	5.14	4.6	2.09	4.6	5.14	5.57	
+	Aircraft Type	OEW (kg)	OEW (lb)	C	B	A	Fuselage	A	B	C
	C17	128,118	282,500	4.75	4.75	5.12	0.5	5.12	4.75	4.75
	Bombardier CRJ-900	21,845	48,160	-	1.6	1.3	1.07	1.3	1.6	-
	C130	34,382	75,800	4.4	4.4	3.96	No Manual	3.96	4.4	4.4

THE LIFTING HEIGHT WILL DEPEND ON THE SCENARIO. FOR A TRANSPORTER, SLEDGE OR LOW LOADER MOVEMENT CALCULATE THE EQUIPMENT REQUIRED HEIGHT AND ADD. FOR A GEAR SWING REFER TO THE AIRCRAFT MAINTENANCE MANUAL CHAPTER 7 (LIFTING FOR AIRCRAFT MAINTENANCE OPERATIONS).

