

**Transport Canada
Technical Evaluation Engineering**

**Aircraft
Classification Numbers
(ACN's)**

AIRCRAFT CLASSIFICATION NUMBERS (ACN's)

Aircraft	Weight Max/Min [kN]	Load on one main gear [%]	Tire Pressure [MPa]	Flexible Pavement Subgrades CBR [%]				Rigid Pavement Subgrades k [MPa/m]				$\frac{S_T}{S_B}$ [cm]
				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
A300B, B2	1353	46.5	1.16	39	44	54	69	35	43	51	58	89
	840			21	23	27	36	19	22	26	31	140
A300B4-200	1627	46.5	1.28	50	57	69	86	46	56	66	75	89
	1236			35	38	46	60	32	38	45	51	140
A300B4-200 (Optional Bogie)	1627		1.16	47	52	64	82	41	49	59	68	
	1236			33	36	42	56	28	33	40	47	
A300B4-600R	1693		1.35	54	61	74	92	51	61	71	80	
	1275			37	41	49	64	34	41	48	55	
A300B4-600R (Optional Bogie)	1693		1.21	50	56	69	88	44	54	64	74	
	1275			35	38	45	60	30	36	43	50	
A300C4	1627		1.24	48	55	67	85	44	53	63	72	
	1216			33	36	43	57	30	35	42	48	
A310-200, 200C	1509		1.46	45	50	61	77	43	51	59	67	
	800			20	21	24	32	19	21	25	29	
A310-300	1480		1.19	44	50	61	77	40	48	57	65	
	1108			30	33	39	52	27	32	38	44	
A310-300	1549		1.48	48	54	65	82	46	55	64	72	
	1118			31	34	40	53	30	35	41	47	
A310-300	1617		1.29	50	57	69	86	47	56	66	75	
	1118			31	34	40	53	28	33	39	45	
A310-322 SR, BB	1500		1.45	44	49	60	77	42	50	59	67	
	1064			29	31	36	48	27	31	37	42	
A310-324	1540		1.24	44	49	60	77	41	50	59	67	
	800			19	20	23	31	18	20	24	28	
A310-325	1608		1.38	48	54	66	84	46	55	64	73	
	1100			30	32	38	50	27	32	38	44	
A318-100	607		0.89	29	31	35	41	31	34	36	38	
	382			17	18	20	23	18	19	21	22	
A319-100	632		0.89	30	32	36	42	31	34	37	39	
	382			17	18	19	23	17	19	20	22	
A319-100	690		1.07	35	36	40	46	37	40	42	45	
	382			18	18	20	23	18	20	21	23	
A319-100	744		1.38	39	40	45	50	44	46	49	51	
	382			18	18	20	23	20	21	22	24	

Aircraft	Weight Max/Min [kN]	Load on one main gear [%]	Tire Pressure [MPa]	Flexible Pavement Subgrades CBR [%]				Rigid Pavement Subgrades k [MPa/m]				$\frac{S_T}{S_B}$ [cm]
				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
				15	10	6	3	150	80	40	20	
A320-100	667 390		1.21	35 19	36 19	40 21	46 24	38 30	41 22	43 25	45 25	
A320-200	725 402		1.03	37 19	39 19	44 21	50 25	40 20	43 21	45 23	48 24	
A320-200	744 422		1.14	39 20	40 21	45 22	51 26	42 22	45 23	48 25	50 26	
A320-200	759 441		1.44	41 22	42 22	47 24	53 28	46 24	49 26	51 27	53 29	
A300-200 (Optional Bogie)	725 402		1.22	20 10	22 10	26 11	35 15	19 9	23 10	27 12	31 14	
A320-212 (optional 4-Wheel Bogie)	764 490		1.22	21 12	23 13	28 15	38 20	21 11	24 13	29 16	33 18	
A321-100	769 461		1.28	42 23	44 24	49 26	55 30	47 26	50 27	52 29	54 30	
A321-100	818 461		1.36	45 23	48 24	53 26	59 30	51 26	54 28	57 29	59 31	
A321-200	877 461		1.46	49 23	52 24	58 26	63 30	56 26	59 28	62 29	64 31	
A330-200	2137 1650		1.34	57 42	62 44	72 50	98 67	48 37	56 40	66 47	78 55	
A330-200	2264 1650		1.42	62 42	67 45	78 50	106 67	53 37	61 41	73 48	85 55	
A330-300	2088 1638		1.31	55 41	60 44	70 50	94 66	46 36	54 39	64 46	75 54	
A330-300	2137 1657		1.33	57 41	61 44	71 50	96 66	47 37	55 40	65 46	77 54	
A330-300	2264 1697		1.42	62 44	68 47	79 53	107 70	54 39	62 43	74 50	86 58	
A340-200	2559 1657		1.32	56 33	61 35	71 39	96 50	47 31	55 32	65 36	76 42	
A340-200	2706 1697		1.42	62 35	67 37	78 41	106 53	53 33	62 34	73 39	85 45	
A340-300	2559 1706		1.32	56 34	61 36	70 40	96 52	47 32	54 33	65 38	76 44	

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				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
				15	10	6	3	150	80	40	20	
A340-300	2706 1765		1.42	62 37	68 39	79 44	107 57	54 34	62 36	74 42	86 48	
A340-500, 600	3590 1750		1.42	70 29	76 31	90 34	121 42	60 29	70 28	83 32	97 37	
A380-800 (6 Wheel Main Gear)	5514 2758		1.47	71 29	79 31	99 35	136 48	53 25	61 26	76 29	94 34	
A380-800 (4 Wheel Wing Gear)	5514 2758		1.47	62 27	68 28	80 31	108 39	55 25	64 26	76 30	88 35	
Antonov AN- 24	207 130		0.42	6 4	8 5	11 6	13 7	8 5	9 5	11 6	11 7	
Antonov AN-124-100	3844 2000		1.03	51 20	60 23	77 27	107 40	35 17	48 18	73 23	100 32	
Antonov AN-225	5884 4500		1.13	63 41	75 48	95 62	132 88	45 30	61 39	89 55	125 75	
ATR 42 (Aerospatiale)	182 110		0.72	9 5	10 5	11 6	13 7	10 6	11 6	12 7	12 7	
ATR 72 (Aerospatiale)	211 125		0.79	11 6	12 6	14 7	15 8	13 7	14 7	14 8	15 8	
Aurora (CP-140) (P-3 Orion)	600 275		1.31	35 14	38 14	42 16	45 18	41 16	43 17	45 18	46 19	
B-52 (Bomber)	2170 1500		1.65	80 49	86 53	97 60	116 72	103 62	114 70	126 77	136 85	
B1-B Bomber (Rockwell)	2123 1400		1.65	77 43	87 47	102 57	121 72	77 43	90 50	102 58	113 65	
B707-120, 120B	1150 700	46.7	1.17	32 17	35 18	42 21	55 27	28 16	34 17	40 20	47 24	86 142
B707-320, 320B, 320C, 420	1484 800	46.7	1.24	45 20	51 22	62 25	78 33	42 19	50 21	59 25	67 29	88 142
B717-100, 200, 300	543 310		1.10	32 16	34 17	38 19	40 22	36 18	38 20	40 21	41 21	
B720, 720B	1045 700	46.4	1.01	28 17	30 18	37 21	49 28	24 15	29 17	35 20	41 24	
B727-100, 100C	756 450	45.2	1.14	41 23	43 23	49 25	54 30	45 24	48 26	51 28	53 29	86 -

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				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
				15	10	6	3	150	80	40	20	
B727-200	770 450	46.2	1.15	42 23	44 23	50 25	55 30	47 25	50 26	52 28	54 29	
B727-200 (Advanced)	934 450	46.7	1.19	53 23	57 23	64 26	69 30	60 25	63 26	66 28	69 30	
B727-200F (Advanced)	907 450		1.15	52 23	54 23	61 25	66 30	57 25	60 26	63 28	66 29	
B737-100	445 260	46.2	1.02	23 12	23 12	26 14	30 16	25 13	26 14	28 15	29 16	77 -
B737-200, 200C, Advanced	572 300	46.4	1.26	31 15	32 15	37 16	41 19	35 17	37 18	39 19	41 20	77 -
B737-300	623 325	45.9	1.40	35 16	37 17	41 18	45 21	40 19	42 20	44 21	46 22	
B737-400	670 350		1.28	38 18	40 18	45 20	49 23	43 20	45 21	47 22	49 23	
B737-500	596 320		1.34	33 16	35 16	39 18	43 21	38 18	40 19	42 20	43 21	
B737-600	645 357		1.30	35 18	36 18	40 19	45 22	39 20	41 21	44 22	45 23	
B737-700	690 370		1.39	38 18	40 19	44 20	49 23	43 21	46 22	48 23	50 24	
B737-800	777 406		1.47	44 21	46 21	51 23	56 26	51 24	53 25	56 26	57 27	
B737-900	777 420		1.47	44 21	46 22	51 24	56 28	51 24	53 26	56 27	57 28	
B747-100, 100B, 100SF	3350 1700	23.4	1.55	49 21	54 22	65 25	86 32	46 20	54 22	64 25	73 29	112 147
B747-100SR	2690 1600	24.1	1.04	36 19	38 20	46 22	64 29	29 16	35 18	43 21	50 25	
B747-200B, 200C 200F, 200M	3720 1750	23.1	1.38	55 22	62 23	76 26	98 34	51 20	61 22	72 26	82 30	112 147
B747-300, 300M, 300SR	3720 1760	22.7	1.31	55 22	62 23	76 26	98 34	50 19	60 22	71 25	82 30	
B747-400, 400F, 400M	3905 1800		1.38	59 23	66 24	82 27	105 35	54 20	65 23	77 27	88 31	

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				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
B747-400D (Domestic)	2729		1.04	36	39	47	65	30	36	43	51	112
	1782			22	23	26	34	18	20	24	29	147
B747-SP	3127	22.9	1.26	45	50	61	81	40	48	58	67	110
	1500			18	19	21	28	16	18	21	25	137
B757-200 Series	1134	45.2	1.24	34	38	47	60	32	39	45	52	86
	570			14	15	17	23	13	15	18	20	114
B757-300	1200		1.24	36	41	51	64	35	42	49	56	
	640			16	17	20	27	15	17	21	24	
B767-200	1410	46.3	1.31	39	42	50	68	34	41	48	56	
	800			19	20	23	29	18	19	22	26	
B767-200 ER	1726	46.3	1.31	50	56	68	90	45	54	64	74	
	830			20	21	24	31	18	20	24	27	
B767-300	1566	46.3	1.38	44	49	59	79	40	48	57	65	
	860			21	22	25	33	19	22	25	29	
B767-300 ER	1784		1.38	53	59	72	94	48	57	68	78	
	890			22	23	26	35	20	23	26	31	
B777-200	2433		1.38	51	58	71	99	40	50	65	81	
	1400			25	27	31	43	23	23	28	35	
B777-200 ER	2822		1.38	63	71	90	121	53	69	89	108	
	1425			25	27	32	44	23	25	31	39	
B777-200 X	3278		1.38	78	90	114	148	61	80	104	126	
	1600			29	32	38	53	27	27	34	43	
B777-300	2945		1.48	68	76	97	129	54	69	89	109	
	1600			30	32	38	53	27	28	35	43	
B777-300 X	3190		1.48	76	86	110	143	61	79	101	122	
	1600			30	32	38	53	27	28	35	43	
BAC-111 Series 400	390		0.97	23	24	27	29	26	27	28	29	
	220			11	12	13	15	13	14	14	15	
BAC-111 Series 475	440	45.0	0.57	23	28	29	32	26	28	29	31	
	230			9	11	13	16	11	13	14	14	
BAC-111 Series 500	467	45.0	1.10	29	31	33	35	33	34	35	36	dvostruki kotač
	250			13	14	16	18	15	16	17	18	
BAe-146-100	376		0.84	18	20	23	26	21	22	24	25	
	230			10	11	12	15	11	12	13	14	

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				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
				15	10	6	3	150	80	40	20	
BAe-146-200	416 235		0.97	22 11	23 12	26 13	29 15	24 12	26 13	27 14	29 15	
BAe-146-300	436 245		1.10	24 12	25 12	28 14	31 16	27 13	28 14	30 15	31 16	
BAe-ATP	232 140		0.85	12 6	13 7	14 8	16 9	13 7	14 8	15 8	16 9	
Beech 1900C, 1900D	76 56		0.67	3 2	4 3	4 3	5 4	4 3	5 3	5 3	5 4	
Beech 2000 Starship	65 56		0.54	2 2	3 2	4 3	4 4	3 3	4 3	4 3	4 3	
Beech 35, 36 Series (Bonanza)	16 10		0.28	---	---	---	---	---	---	---	---	
Beech 55, 56, 58 Series (Baron)	25 16		0.39	---	---	---	---	---	---	---	---	
Beech Jet 400, 400A	73 56		0.86	6 5	7 5	7 5	7 5	6 5	6 5	6 5	7 5	
Beech King Air 100, 200 Series	56 56		0.73	2 2	3 3	3 3	4 4	3 3	3 3	4 4	4 4	
Beech King Air 300, 300C, 350, 350C	67 56		0.73	3 2	3 3	4 3	4 4	4 3	4 3	4 3	4 4	
Beech King Air 90 Series	49 27		0.38	---	---	---	---	---	---	---	---	
Beech Queen Air, 65, 70, 80 Series	40 25		0.33	---	---	---	---	---	---	---	---	
Bombardier BD-700 (Global Express)	432 220		1.21	26 11	28 12	30 13	32 15	30 13	31 14	32 15	33 15	
C-141B Starlifter (Lockheed)	1553 600		1.31	52 15	60 16	73 18	88 24	51 14	61 16	70 19	78 22	
C-17A (Globemaster III)	2602 2000		0.95	54 38	61 42	73 50	94 65	54 41	49 38	57 40	71 48	
C-5A Galaxy (Lockheed)	3421 1500		0.73	27 10	30 11	35 12	46 15	25 10	28 11	33 12	39 13	
C123K Provider (Fairchild/Republic)	267 180		0.69	20 13	22 15	24 16	25 17	21 14	21 14	22 15	22 15	

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				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
Canadair CL-215, 415	196	0.55	0.55	12	15	17	18	14	14	15	15	
	130			8	10	11	12	9	10	10	10	
Canadair CL-41A (CT-114 Tutor)	49	0.37	0.37	---	---	---	---	---	---	---	---	
	24			---	---	---	---	---	---	---	---	
Canadair Regional Jet - 100, 200 Srs	236	1.12	1.12	13	14	16	17	16	16	17	18	
	135			7	7	8	9	8	9	9	9	
Canadair Regional Jet - 700 Series	335	1.24	1.24	18	19	21	24	21	22	23	24	
	195			10	10	11	13	11	12	12	13	
Canadair Regional Jet - 900, ER Srs	367	1.24	1.24	20	21	24	26	23	25	26	27	
	215			11	11	12	14	12	13	14	14	
Cessna 114B (Commander)	15	0.35	0.35	---	---	---	---	---	---	---	---	
	10			---	---	---	---	---	---	---	---	
Cessna 152	8	0.20	0.20	---	---	---	---	---	---	---	---	
	5			---	---	---	---	---	---	---	---	
Cessna 172 (Skyhawk)	11	0.19	0.19	---	---	---	---	---	---	---	---	
	7			---	---	---	---	---	---	---	---	
Cessna 180 (Skywagon)	13	0.21	0.21	---	---	---	---	---	---	---	---	
	8			---	---	---	---	---	---	---	---	
Cessna 182 (Skylane)	14	0.25	0.25	---	---	---	---	---	---	---	---	
	9			---	---	---	---	---	---	---	---	
Cessna 185 (Skywagon)	15	0.25	0.25	---	---	---	---	---	---	---	---	
	8			---	---	---	---	---	---	---	---	
Cessna 208 (Caravan)	36	0.60	0.60	---	---	---	---	---	---	---	---	
	18			---	---	---	---	---	---	---	---	
Cessna 210 (Centurion)	18	0.38	0.38	---	---	---	---	---	---	---	---	
	11			---	---	---	---	---	---	---	---	
Cessna 310	25	0.42	0.42	---	---	---	---	---	---	---	---	
	16			---	---	---	---	---	---	---	---	
Cessna 337 (Skymaster)	21	0.38	0.38	---	---	---	---	---	---	---	---	
	14			---	---	---	---	---	---	---	---	
Cessna 401	28	0.45	0.45	---	---	---	---	---	---	---	---	
	20			---	---	---	---	---	---	---	---	
Cessna 402C, 414A (Chancellor)	31	0.48	0.48	---	---	---	---	---	---	---	---	
	19			---	---	---	---	---	---	---	---	

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				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
				15	10	6	3	150	80	40	20	
Cessna 421 (Golden Eagle)	34 22		0.55	---	---	---	---	---	---	---	---	
Cessna 441 (Conquest II)	44 26		0.66	---	---	---	---	---	---	---	---	
Cessna 501 (Citation I - Eagle)	56 56		0.69	4 4	5 5	5 5	5 5	5 5	5 5	5 5	5 5	
Cessna 525 (Citation Jet)	47 29		0.68	---	---	---	---	---	---	---	---	
Cessna 550 (Citation II)	64 56		0.69	5 4	5 5	6 5	6 5	5 5	5 5	5 5	5 5	
Cessna 550 (Citation Bravo)	67 56		0.69	5 4	6 5	6 5	6 5	5 5	6 5	6 5	6 5	
Cessna 560 (Citation V)	72 56		0.69	5 4	6 5	6 5	7 5	6 5	6 5	6 5	6 5	
Cessna 561 XL (Citation Excel)	90 56		1.05	8 5	8 5	8 5	9 5	8 5	8 5	8 5	8 5	
Cessna 650 (Citation III, VI)	99 56		1.02	6 3	6 3	7 3	7 4	7 3	7 4	7 4	7 4	
Cessna 650 (Citation VII)	104 62		1.16	6 3	7 3	7 4	8 4	7 4	8 4	8 4	8 5	
Cessna 750 (Citation X)	160 96		1.16	10 5	11 6	12 6	12 7	12 6	12 7	13 7	13 7	
Cessna Conquest	45 26		0.59	---	---	---	---	---	---	---	---	
Cessna T303 (Crusader)	23 15		0.40	---	---	---	---	---	---	---	---	
CF-18	249 110		1.38	21 9	20 9	20 9	20 9	21 9	21 9	21 9	21 9	
Challenger CL 600, 601	192 131		0.90	10 6	11 7	13 8	14 9	12 8	13 8	13 8	14 9	
Challenger CL 600, 601	192 131		1.50	11 7	12 7	13 8	14 9	14 9	14 9	14 9	15 10	
Challenger CL 601-3R	201 131		1.42	12 7	12 7	14 8	14 9	14 9	15 9	15 9	15 9	

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				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
				15	10	6	3	150	80	40	20	
Challenger CL 604	212 140		1.42	12 7	13 8	14 9	15 10	15 9	15 10	16 10	16 10	
Concorde	1824 1000	48.0	1.29	65 28	72 31	81 37	97 44	60 27	71 30	81 35	91 41	68 167
Convair 240	190 125		0.64	7 5	9 5	10 6	12 7	9 5	10 6	10 6	11 7	
Convair 340, 440, 540	222 140		0.47	7 4	9 5	11 6	14 8	9 5	10 6	11 7	12 7	
Convair 580	280 150		0.59	11 5	13 6	15 7	19 9	13 6	14 7	16 8	17 8	
Convair 600	210 140		0.73	9 5	10 6	11 7	14 8	10 6	11 7	12 8	13 8	
Convair 640	245 140		0.52	8 4	11 5	12 6	15 8	10 5	12 6	13 7	14 7	
Convair 880	860 400		1.03	27 10	31 10	36 12	44 16	26 9	31 11	36 13	40 14	
Convair 990	1135 600	48.5	1.28	40 17	46 18	53 22	64 28	41 17	47 19	54 23	60 26	
Dassault Falcon 10	84 56		0.93	5 3	5 3	6 4	6 4	6 4	6 4	6 4	6 4	
Dassault Falcon 20	128 75		0.92	8 4	9 4	9 5	10 5	10 5	10 5	10 6	10 6	
Dassault Falcon 50	173 90		0.93	9 4	10 5	12 5	13 6	11 5	12 5	12 6	13 6	
Dassault Falcon 900	202 103		1.30	11 5	12 5	14 6	15 7	14 6	14 7	15 7	15 7	
DC-10-10, 10CF, 15	2037 1035	46.85	1.34	57 25	62 26	74 29	101 37	49 23	58 24	69 28	81 32	137 162
DC-10-20, 20CF, 30CF, 40CF	2485 1640	37.7	1.14	60 36	67 38	81 44	110 61	49 30	59 34	72 41	85 48	137 162
DC-10-30, 30 ER, 40	2593 1220	37.9	1.22	59 24	65 25	79 27	107 35	50 21	59 23	72 26	84 30	137 162
DC-3	147 80	46.8	0.31	7 4	7 4	10 5	12 7	8 4	8 5	9 5	9 5	

Aircraft	Weight Max/Min [kN]	Load on one main gear [%]	Tire Pressure [MPa]	Flexible Pavement Subgrades CBR [%]				Rigid Pavement Subgrades k [MPa/m]				$\frac{S_T}{S_B}$ [cm]
				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
				15	10	6	3	150	80	40	20	
DC-4	335 200	46.75	0.53	12 6	15 8	17 9	21 11	14 7	16 8	17 9	19 10	
DC-6, 6B	480 300		0.73	20 11	23 13	25 14	30 17	22 12	24 14	26 15	28 16	
DC-7 (All Models)	640 400		0.89	34 19	36 20	42 23	46 27	37 21	40 23	42 24	44 26	
DC-8-10, 20 Series	1226 600		1.01	36 15	41 15	49 18	62 23	32 14	39 15	46 17	53 20	
DC-8-43, 55, 61, 71	1470 800	46.5	1.30	47 21	54 23	64 27	79 35	45 20	54 23	63 27	71 31	
DC-8-61F, 63F	1557 1001		1.32	51 28	59 31	69 37	85 47	50 27	59 31	68 37	77 42	
DC-8-62, 62F, 63, 72, 73	1593 800	46.5	1.35	52 21	59 23	70 26	87 34	50 20	59 23	69 27	77 31	81 140
DC-9-10, 15	404 300	46.2	0.93	22 15	23 16	26 18	29 21	24 17	26 18	27 19	28 20	
DC-9-21	445 300	47.15	1.02	25 15	26 16	30 18	32 21	28 17	29 18	31 20	32 20	
DC-9-30, 32	485 300	46.2	1.05	27 15	29 16	33 18	35 21	31 17	32 18	34 19	35 20	dvostruki kotač
DC-9-41, 50, 51	543 300	46.65	1.17	31 15	33 16	37 18	40 20	35 17	37 18	39 19	40 20	
DHC1 Chipmunk	10 7		0.21	---	---	---	---	---	---	---	---	
DHC2 Beaver	24 14		0.17	---	---	---	---	---	---	---	---	
DHC3 Otter	36 20		0.20	---	---	---	---	---	---	---	---	
DHC4 Caribou	130 90		0.28	3 2	3 2	5 3	7 4	4 2	4 3	5 3	6 4	
DHC5 Buffalo	187 115		0.41	6 3	8 4	10 5	12 7	8 4	9 5	10 6	11 6	
DHC6 Twin Otter Series 300	56 56		0.26	3 3	3 3	3 3	5 5	3 3	3 3	3 3	4 4	

Aircraft	Weight Max/Min [kN]	Load on one main gear [%]	Tire Pressure [MPa]	Flexible Pavement Subgrades CBR [%]				Rigid Pavement Subgrades k [MPa/m]				$\frac{S_T}{S_B}$ [cm]
				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
				15	10	6	3	150	80	40	20	
DHC7 Dash 7	209 120		0.74	10 5	12 6	13 7	15 8	12 6	13 7	14 7	14 8	
DHC8 Dash 8	147 90		0.44	5 3	6 3	8 4	9 5	6 3	7 4	8 4	8 5	
DHC8 Dash 8 Series 100	154 98		0.90	8 5	8 5	9 5	11 6	9 5	10 6	10 6	11 6	
DHC8 Dash 8 Series 300	183 110		0.80	9 5	9 5	11 6	12 7	10 5	11 6	11 6	12 7	
DHC8 Dash 8 Series 400	279 150		0.90	15 7	16 8	18 8	20 10	17 8	18 9	19 9	20 10	
DHC8 Dash 8 Series 400	279 150		1.42	15 8	16 8	18 8	20 10	18 9	19 9	20 10	21 10	
DHS-2 Conair Firecat	116 80		0.62	8 6	10 7	10 7	11 8	9 6	9 6	10 7	10 7	
Dornier 228 Series	63 56		0.90	5 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	
Dornier 328 Jet	155 93		1.13	8 4	8 5	10 5	11 6	10 5	10 6	11 6	11 6	
Dornier 328-110 (Turboprop)	138 90		0.80	7 4	7 4	8 5	10 6	8 5	8 5	9 5	9 6	
Dornier SA227, Metro Merlin, Expediter	74 56		0.73	3 2	4 3	4 3	5 4	4 3	5 3	5 4	5 4	
Douglas A-26 Invader	120 90		0.48	7 5	8 6	10 7	11 8	8 6	9 6	9 7	9 7	
Douglas B-26 Invader	156 105		0.48	9 6	11 7	13 9	14 9	10 7	11 7	11 8	12 8	
Embraer EMB-110 (Bandeirante)	59 56		0.62	4 4	5 5	5 5	5 5	5 4	5 4	5 5	5 5	
Embraer EMB-120 (Brasilia)	119 71		0.76	5 3	6 3	7 4	8 4	7 4	7 4	7 4	8 4	
Embraer ERJ-145	217 110		0.90	12 5	13 6	15 6	16 7	14 6	15 7	15 7	16 7	
Fokker 100	452 243		0.94	25 12	27 13	31 14	33 16	28 13	30 14	32 15	33 16	

Aircraft	Weight Max/Min [kN]	Load on one main gear [%]	Tire Pressure [MPa]	Flexible Pavement Subgrades CBR [%]				Rigid Pavement Subgrades k [MPa/m]				$\frac{S_T}{S_B}$ [cm]
				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
				15	10	6	3	150	80	40	20	
Fokker 50	205 125		0.59	9 5	11 6	13 7	14 8	11 6	12 7	13 7	13 8	
Fokker 60	226 131		0.62	10 5	13 6	14 7	16 9	13 6	14 7	14 8	15 8	
Fokker 70	410 225		0.81	22 10	24 11	27 13	30 15	24 12	26 13	27 13	29 14	
Fokker F27 Friendship	205 120		0.57	9 5	11 5	13 6	14 8	11 6	12 6	13 7	13 7	
Fokker F28 Fellowship	325 175		0.53	14 6	17 8	20 9	23 11	17 8	18 9	20 9	21 10	
Gulfstream II	294 163		1.04	17 8	18 9	20 10	22 11	20 10	21 10	21 11	22 11	
Gulfstream III	312 170		1.21	19 9	20 9	22 10	23 12	22 11	23 11	24 12	24 12	
Gulfstream IV	334 189		1.21	20 10	22 11	24 12	25 13	24 12	25 13	25 13	26 14	
Gulfstream V	405 215		1.37	26 12	28 13	30 14	31 15	31 14	32 15	33 16	33 16	
Hercules C-130, 082, 182, 282, 382	778 360		0.67	29 12	34 14	37 16	43 17	33 14	36 15	39 16	42 18	
Hercules L-100 (Commercial)	693 340		0.74	27 12	30 14	33 15	38 16	30 14	33 15	35 16	38 17	
HS/BAe 125 (All Series to 600)	112 61		0.83	6 3	6 3	7 3	8 4	7 3	7 4	8 4	8 4	
HS/BAe 700	114 62		0.88	6 3	7 3	7 3	8 4	7 4	8 4	8 4	8 4	
HS/BAe 748	227 120		0.51	9 4	11 5	14 6	16 7	11 5	13 6	14 6	14 7	
Ilyushin IL-18	625 350		0.80	16 7	17 8	21 9	29 12	13 6	16 7	20 9	23 11	
Ilyushin IL-62, 62M	1648 651	47.0	1.65	52 16	58 17	68 19	83 24	51 18	59 18	68 20	77 22	
Ilyushin IL-76T	1677 822	23.5	0.64	24 9	27 10	34 12	45 16	29 11	33 13	30 15	34 14	

Aircraft	Weight Max/Min [kN]	Load on one main gear [%]	Tire Pressure [MPa]	Flexible Pavement Subgrades CBR [%]				Rigid Pavement Subgrades k [MPa/m]				$\frac{S_T}{S_B}$ [cm]
				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
				15	10	6	3	150	80	40	20	
Ilyushin IL-76TD	1775 920		0.66	27 11	30 12	37 14	49 19	32 13	35 15	32 18	37 16	
Ilyushin IL-86	2054 1089	31.2	0.88	34 15	36 16	43 18	61 23	26 13	31 14	38 16	46 19	
Jetstream 31, 32 (BAe)	69 56		0.39	3 3	4 3	5 4	6 5	4 4	5 4	5 4	5 4	
Jetstream 41 (BAe)	107 63		0.83	5 3	5 3	6 3	7 4	6 3	6 3	7 4	7 4	
KC-10 (McDonnell Douglas)	2593 1800		1.22	59 38	65 40	79 46	107 64	50 32	59 36	72 43	84 51	
KC-135 Stratotanker (Boeing)	1342 800		1.38	38 20	41 21	49 24	64 31	35 19	41 21	48 24	55 28	
L-1011-1 Tristar	1913 1070	47.4	1.35	52 26	56 27	66 30	90 38	45 24	52 25	62 29	72 33	132 178
L-1011-100, 200 Tristar	2073 1090	46.8	1.35	57 26	63 28	75 31	101 39	49 24	58 26	69 29	81 34	132 178
L-1011-250 Tristar	2269 1108		1.35	64 27	71 28	86 31	114 40	56 25	66 26	79 30	91 35	
L-1011-500 Tristar	2295 1070	46.2	1.35	65 26	72 27	87 30	116 38	56 24	67 25	80 29	93 33	132 178
Learjet 24F	62 56		0.79	3 3	3 3	4 4	4 4	4 3	4 4	4 4	4 4	
Learjet 25D, 25F	69 56		0.79	3 3	4 3	4 3	5 4	4 3	5 4	5 4	5 4	
Learjet 25G	75 56		0.79	4 3	4 3	5 3	5 4	5 3	5 4	5 4	5 4	
Learjet 28, 29 (Longhorn)	69 56		0.79	3 3	4 3	4 3	5 4	4 3	5 4	5 4	5 4	
Learjet 31A, 35A, 36A	83 56		0.79	4 3	5 3	5 3	6 4	5 3	5 3	6 4	6 4	
Learjet 45	91 59		0.79	5 3	5 3	6 3	7 4	6 3	6 4	6 4	7 4	
Learjet 55B, 55C	97 58		1.24	6 3	6 3	7 3	7 4	7 4	7 4	7 4	8 4	

Aircraft	Weight Max/Min [kN]	Load on one main gear [%]	Tire Pressure [MPa]	Flexible Pavement Subgrades CBR [%]				Rigid Pavement Subgrades k [MPa/m]				$\frac{S_T}{S_B}$ [cm]
				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
				15	10	6	3	150	80	40	20	
Learjet 60	106 62		1.24	6 3	7 3	7 4	8 4	8 4	8 4	8 4	8 5	
Lockheed 188 Electra	503 255		0.95	27 12	29 13	33 14	36 17	30 13	32 14	34 15	36 16	
MD-11	2805 1200		1.38	67 24	74 25	90 27	119 34	58 22	69 23	83 26	96 30	
MD-81	628 350	47.75	1.14	36 18	38 19	43 21	46 24	41 20	43 21	45 23	47 24	
MD-82	670 350	47.55	1.14	39 18	41 18	46 20	49 24	43 20	46 21	48 22	50 24	
MD-83	716 355	47.4	1.14	42 18	45 19	50 21	53 24	47 20	50 22	52 23	54 24	
MD-87	628 335	47.9	1.14	36 17	38 18	43 20	46 23	41 19	43 20	45 22	47 23	
MD-88	670 350		1.14	39 18	41 19	46 21	50 24	44 20	46 21	48 23	50 24	
MD-90-30	699 392		1.14	41 20	43 21	48 24	52 27	46 23	48 24	50 26	52 27	
MD-90-30ER	739 392		1.14	44 20	47 21	52 24	55 27	49 23	52 24	54 26	56 27	
MD-90-50, 55	772 410		1.14	46 22	50 22	54 25	57 29	52 24	54 26	57 27	58 28	
Mitsubishi MU-2 Srs	52 32		0.48	---	---	---	---	---	---	---	---	
Piper Aerostar	29 20		0.48	---	---	---	---	---	---	---	---	
Piper Apache	21 13		0.29	---	---	---	---	---	---	---	---	
Piper Archer II, III	12 7		0.17	---	---	---	---	---	---	---	---	
Piper Arrow III, IV	14 8		0.21	---	---	---	---	---	---	---	---	
Piper Aztec	30 18		0.42	---	---	---	---	---	---	---	---	

Aircraft	Weight Max/Min [kN]	Load on one main gear [%]	Tire Pressure [MPa]	Flexible Pavement Subgrades CBR [%]				Rigid Pavement Subgrades k [MPa/m]				$\frac{S_T}{S_B}$ [cm]
				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
				15	10	6	3	150	80	40	20	
Piper Cheyenne I, II	41 23		0.55	---	---	---	---	---	---	---	---	
Piper Cheyenne III	50 31		0.69	---	---	---	---	---	---	---	---	
Piper Commanche	21 13		0.29	---	---	---	---	---	---	---	---	
Piper Cub (& Super Cub)	8 5		0.13	---	---	---	---	---	---	---	---	
Piper Dakota	14 8		0.17	---	---	---	---	---	---	---	---	
Piper Malibu, Mirage, Meridian	21 14		0.35	---	---	---	---	---	---	---	---	
Piper Mojave	33 23		0.42	---	---	---	---	---	---	---	---	
Piper Navajo	29 18		0.42	---	---	---	---	---	---	---	---	
Piper Saratoga	16 10		0.38	---	---	---	---	---	---	---	---	
Piper Saratoga II	16 11		0.27	---	---	---	---	---	---	---	---	
Piper Seminole	17 11		0.25	---	---	---	---	---	---	---	---	
Piper Seneca III, V	22 14		0.38	---	---	---	---	---	---	---	---	
Piper Warrior II,III	11 7		0.17	---	---	---	---	---	---	---	---	
Saab 2000	226 136		0.69	11 6	13 7	14 7	16 9	13 7	14 8	15 8	15 9	
Saab 340 A, B	131 81		0.82	6 4	7 4	8 4	9 5	7 4	8 5	8 5	9 5	
Shorts 330	102 66		0.55	6 4	8 5	9 6	9 6	7 5	8 5	8 5	8 5	
Shorts 360	121 77		0.54	7 5	9 6	10 7	11 7	9 6	9 6	9 6	9 6	

Aircraft	Weight Max/Min [kN]	Load on one main gear [%]	Tire Pressure [MPa]	Flexible Pavement Subgrades CBR [%]				Rigid Pavement Subgrades k [MPa/m]				$\frac{S_T}{S_B}$ [cm]
				High	Medium	Low	V.Low	High	Medium	Low	V.Low	
				A	B	C	D	A	B	C	D	
				15	10	6	3	150	80	40	20	
Shorts Sherpa	114 80		0.54	7 5	8 6	10 7	10 7	8 6	8 6	9 6	9 6	
Shorts Skyvan	67 56		0.28	3 3	3 3	4 4	6 5	4 3	4 3	4 4	4 4	
Swearingen SJ 30-2	60 56		1.07	3 3	3 3	3 3	4 4	4 3	4 4	4 4	4 4	
T-33 Trainer (CT-133)(Lockheed)	54 38		0.42	---	---	---	---	---	---	---	---	
Transall C-160	500 285		0.38	8 4	10 5	13 6	18 8	10 5	10 6	10 6	13 6	
Trident 3	670 383	45.5	1.14	26 13	28 14	31 15	36 18	37 18	40 19	42 21	44 22	125 65
Tupolev TU-134	463 285	45.6	0.59	10 5	12 6	15 7	20 10	9 5	11 6	14 7	17 8	
Tupolev TU-154	961 525	45.1	0.93	19 9	22 9	28 11	37 16	18 7	24 9	30 12	36 15	
Tupolev TU-204, 214, 224, 234	1096 560		1.38	31 14	33 14	40 16	53 20	29 13	34 14	40 16	46 19	
VC10 Series	1590 785		1.01	48 19	54 21	66 24	83 31	41 18	50 19	60 22	69 26	