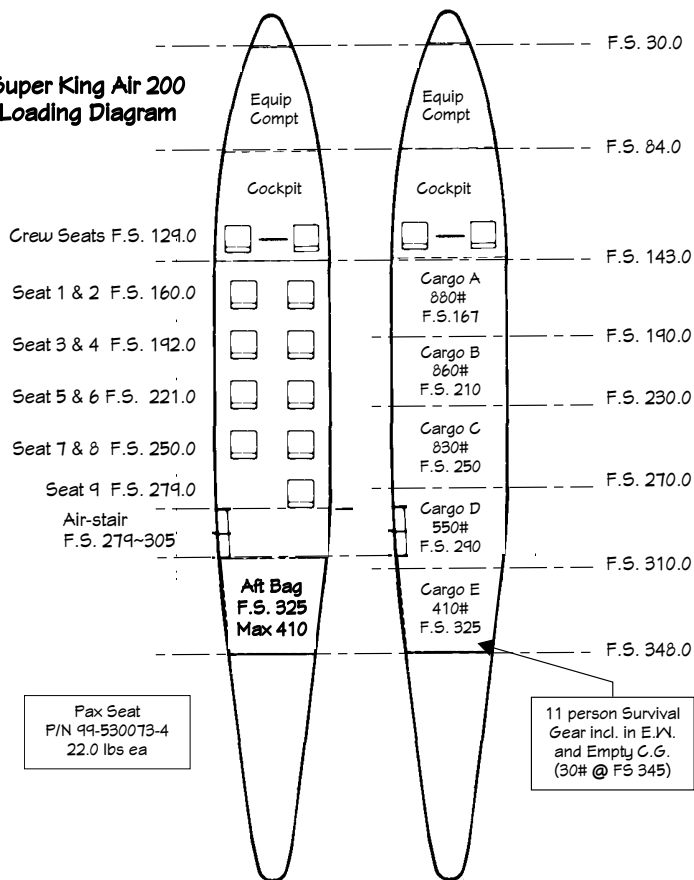


TransNorthern Aviation

Weight and Balance Worksheet

Super King Air 200 N541JG

**Super King Air 200
Loading Diagram**



Weight X ARM = Moment

A/C Empty Wt (fm Config Table)	Weight	ARM	Moment
Pilot Seat		129.0	
Copilot Seat		129.0	
Front Legs @ FS 157 Seats 1 & 2		160.0	
Cargo A - Max 880#		167.0	
Front Legs @ FS 186 Seats 3 & 4		192.0	
Cargo B - Max 860#		210.0	
Front Legs @ FS 215 Seats 5 & 6		221.0	
Cargo C - Max 830#		250.0	
Front Legs @ FS 244 Seats 7 & 8		250.0	
Front Legs @ FS 273 Seat 9		279.0	
Cargo D - Max 550#		290.0	
Aft Cargo - Max 410#		325.0	
Wing Lockers - Max 300# ea		229.0	
Survival Gear	41		
(from Chart) Fuel			
TOTALS ->			

Loaded Arm = Moment/Weight

Typical Fuel Loads - Ref Company Excel W&B Calculator or
AFM for more information if needed

Gal	Wt @ 6.7	ARM	Gal	Wt @ 6.7	ARM
10	67.0	153.73	290	1,943.0	183.32
20	134.0	153.73	300	2,010.0	183.38
30	201.0	158.71	310	2,077.0	183.49
40	268.0	165.30	320	2,144.0	183.58
50	335.0	169.25	330	2,211.0	183.72
60	402.0	172.39	340	2,278.0	183.80
70	469.0	174.63	350	2,345.0	183.88
80	536.0	176.49	360	2,412.0	184.20
90	603.0	177.61	370	2,479.0	184.35
100	670.0	178.51	380	2,546.0	184.60
110	737.0	178.97	390	2,613.0	184.82
120	804.0	179.48	400	2,680.0	185.19
130	871.0	179.79	410	2,747.0	185.55
140	938.0	180.17	420	2,814.0	185.89
150	1,005.0	180.60	430	2,881.0	186.25
160	1,072.0	180.88	440	2,948.0	186.60
170	1,139.0	181.21	450	3,015.0	187.00
180	1,206.0	181.43	460	3,082.0	187.31
190	1,273.0	181.70	470	3,149.0	187.65
200	1,340.0	181.87	480	3,216.0	188.00
210	1,407.0	182.09	490	3,283.0	188.36
220	1,474.0	182.29	500	3,350.0	188.75
230	1,541.0	182.48	510	3,417.0	189.11
240	1,608.0	182.71	520	3,484.0	189.49
250	1,675.0	182.87	530	3,551.0	189.89
260	1,742.0	183.01	540	3,618.0	190.19
270	1,809.0	177.56	544	3,644.8	190.30
280	1,876.0	183.21			

Aircraft Configuration Date: July, 2025

	Config #	Weight	Arm	Moment
Pilot & Copilot Only	1	8,076	184.19	1,487,455
Seats 1 & 2	2	8,120	184.09	1,494,693
Seats 1 -> 4	3	8,164	184.15	1,503,339
Seats 1 -> 6	4	8,208	184.38	1,513,261
Seats 1 -> 8	5	8,252	184.75	1,524,459
Seats 2,4,6,8	6	8,164	184.47	1,505,957
Seats 1,2,3,4,5	7	8,186	184.26	1,508,300
All Seats 1 -> 9	8	8,274	185.01	1,530,696

Based on Seat P/N 99-530073-4 Wt. Each = 14.0#s

Notes:

This aircraft is STC for a maximum of 9 passengers. However, persons listed in §135.85 are not considered Passengers and may occupy the Copilot's seat with a total of 9 passengers in the main Cabin.

Any employee who has received training by TNA may Installation and or Removal install seats IAW information provided by this document.

Survival Gear is typically carried in the Left Wing Locker at FS 255.

This document must be carried in A/C metal Box and AFM W&B Ch.

Print Double sided and cut A/C copy along dotted lines to fit in Metal Box.

WEIGHT AND BALANCE DIAGRAM

