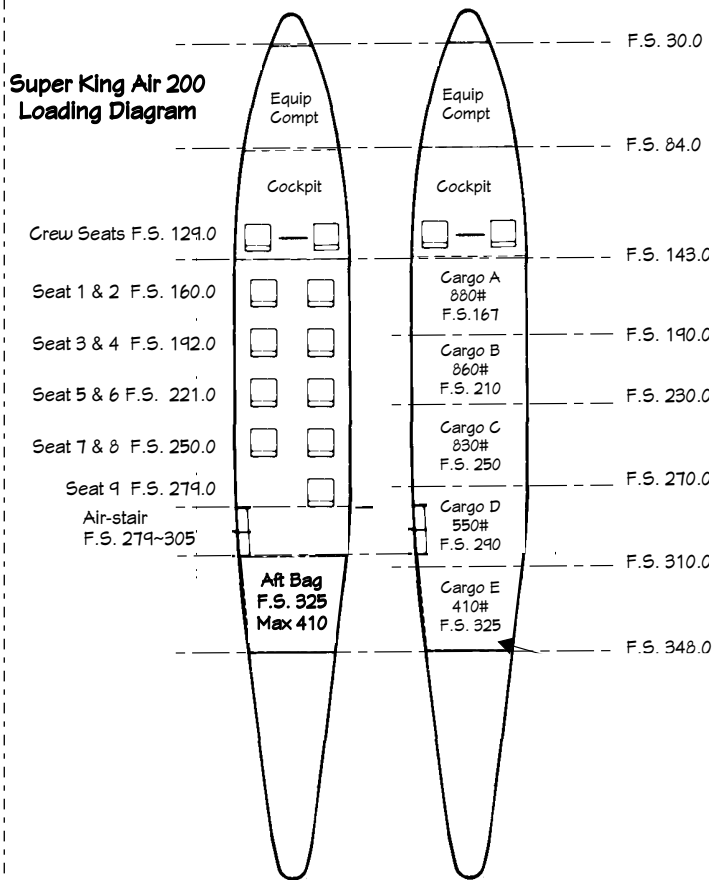


TransNorthern Aviation

Weight and Balance Worksheet

Super King Air 200 N541JG



	Weight	X ARM	= Moment
A/C Empty Wt (fm Config Table)			
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: Sept 2, 2024				
	Config #	Weight	Arm	Moment
Pilot & Copilot Only	1	8,076	184.19	1,487,455
Seats 1 & 2	2	8,076	184.19	1,487,455
Seats 1 -> 4	3	8,076	184.19	1,487,455
Seats 1 -> 6	4	8,076	184.19	1,487,455
Seats 1 -> 8	5	8,076	184.19	1,487,455
Seats 2,4,6,8	6	8,076	184.19	1,487,455
Seats 1,2,3,4,5	7	8,076	184.19	1,487,455
All Seats 1 -> 9	8	8,076	184.19	1,487,455
<i>Based on Seat P/N 99-530073-4</i>		<i>Wt. Each = 14.0#s</i>		

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

