

ANC25MA018

OPERATIONAL FACTORS

Attachment 16

N321BA Exemplar Weight and Balance January 28, 2025, to February 5, 2025

November 24, 2025

-- ANC25MA018 --
Weight & Balance Summary
N321BA
January 28 ~ February 5, 2025

Date	Flt No	Dep	Dest	LFuelQty	RFuelQty	TotalFuel	FuelWgt	Pilot/Pax	Bags/Frt	GTOW	MGTOW	MGTOW(FIKI)
28-Jan	870.1	PAOM	PFKT	109.62	97.36	206.98	1387	1115	932	9008	54	201
28-Jan	870.2	PFKT	PAOM	95.66	91.16	186.82	1252	1565	0	8391	671	416
28-Jan	872.1	PAOM	PFKT	95.17	86.32	181.49	1216	150	1031	7971	1091	836
28-Jan	872.2	PFKT	PAOM	95.72	73.68	169.4	1135	930	51	7584	1478	1223
31-Jan	810.2	PAOM	PFSH	158.31	146.10	304.41	2040	1100	704	9486	424	679
31-Jan	810.3	PFSH	PAUN	141.12	113.07	254.19	1703	960	545	8782	280	25
31-Jan	810.4	PAUN	PAOM	124.40	119.32	243.72	1633	590	34	7831	1231	976
2-Feb	844.5	PAOM	PAMK	131.32	157.08	288.40	1932	815	385	8706	356	101
2-Feb	844.6	PAMK	WBB	95.72	146.57	242.29	1623	1285	107	8589	473	218
2-Feb	844.7	WBB	PAOM	116.94	136.26	253.20	1696	1410	20	8700	362	107
2-Feb	846.1	PAOM	PAUN	150.18	146.81	296.99	1990	1295	451	9310	248	503
2-Feb	846.2	PAUN	PAMK	115.05	133.83	248.88	1667	1181	352	8775	287	32
2-Feb	846.3	PAMK	WBB	104.49	117.04	221.53	1484	705	28	7967	1095	840
2-Feb	846.4	WBB	PAOM	127.26	97.36	224.62	1505	1070	63	8212	850	595
3-Feb	810.1	PAOM	PFSH	154.91	144.32	299.23	2005	328	122	8029	1033	778
3-Feb	810.2	PFSH	PAUN	134.64	119.82	254.46	1705	1465	50	8794	268	13
3-Feb	4440.1	PAUN	WBB	141.42	95.72	237.14	1589	150	2909	10222	1160	1415
3-Feb	4440.2	WBB	PAUN	122.49	95.72	218.21	1462	150	0	7186	1876	1621
3-Feb	8440.1	PAUN	WBB	104.11	85.95	190.06	1273	150	2513	9510	448	703
3-Feb	8440.2	WBB	PAOM	92.25	78.04	170.29	1141	150	1	6866	2196	1941
4-Feb	840.1	PAOM	PAMK	148.71	107.96	256.67	1720	830	15	8390	672	417
4-Feb	840.2	PAMK	WBB	125.83	94.69	220.52	1477	1015	1	8067	995	740
4-Feb	840.3	WBB	PAOM	124.78	91.46	216.24	1449	1665	5	8693	369	114
5-Feb	820.1	PAOM	PAWM	109.24	97.97	207.21	1388	920	1061	8943	119	136
5-Feb	820.2	PAWM	PAGL	91.34	95.48	186.82	1252	925	693	8444	618	363
5-Feb	820.3	PAGL	PAOM	93.35	90.92	184.27	1235	700	30	7539	1523	1268
5-Feb	3820.1	PAOM	PAGL	115.85	106.07	221.92	1487	150	2200	9411	349	604
5-Feb	706.1	PAGL	PAWM	103.36	95.60	198.96	1333	740	0	7647	1415	1160
5-Feb	706.2	PAWM	PATE	93.90	91.89	185.79	1245	1125	0	8032	1030	775
5-Feb	706.3	PATE	PAOM	66.42	91.16	157.58	1056	150	0	6780	2282	2027
5-Feb	2872.1	PAOM	PFKT	113.96	106.90	220.86	1480	455	1019	8528	534	279
5-Feb	2872.2	PFKT	PAOM	104.26	94.38	198.64	1331	1630	93	8628	434	179

Notes:

1. Flight itinerary, occupant and baggage/freight weights obtained from operator flight manifests;
2. Fuel load obtained from onboard avionics data;
3. Airplane empty weight and standard equipment weights obtained from aircraft weight and balance data and supplemental information;
4. Pilot weight assumed (not based on individual data);
5. GTOW is the estimated gross takeoff weight for the flight based on the exemplar weight and balance calculation;
6. MGTOW is the estimated GTOW in comparison to the maximum approved gross takeoff weight with the Aircraft Payload Extender modification (9.062 lbs.);
7. MGTOW(FIKI) is the estimated in comparison to the maximum approved gross takeoff weight for flight into known icing conditions (8,807 lbs.)
8. MGTOW and MGTOW(FIKI) values in black type are below the applicable MGTOW by the value noted. Values in red type exceed the applicable MGTOW by the value noted.

-- 28Jan2025 / BA # 870.1 / Nome-Brevig Mission --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	45	100	
Pax #2	110	88	
Pax #3	180	100	
Pax #4	200		
Pax #5	200	60	
Pax #6	230	38	
Pax #7			
Pax #8			
Total Occupants / Baggage¹	1,115	386	
Freight (1)		546	
Freight (2)			
Total Baggage / Freight²		932	
Airplane Empty Weight ³			5,388
Occupants			1,115
Baggage / Freight			932
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			7,621
Fuel ⁶			1,387
Gross Weight			9,008
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			54
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			(201)

Notes

¹ Passenger weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 28Jan2025 / BA # 870.2 / Brevig Mission-Name --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest	
	Occupant Weight	Baggage/Freight Weight
Pilot	150	
Pax #1	80	
Pax #2	170	
Pax #3	170	
Pax #4	180	
Pax #5	180	
Pax #6	180	
Pax #7	180	
Pax #8	275	
Total Occupants / Baggage¹	1,565	0
Freight (1)		
Freight (2)		
Total Baggage / Freight²		0
Airplane Empty Weight ³		5,388
Occupants		1,565
Baggage / Freight		0
Fly Kit ⁴		80
TKS Fluid ⁵		106
Zero Fuel		7,139
Fuel ⁶		1,252
Gross Weight		8,391
Max Gross Takeoff Weight⁷		9,062
Under Gross / (Over Gross)		671
Max Gross Takeoff Weight (FIKI)⁸		8,807
Under Gross / (Over Gross)		416

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 28Jan2025 / BA # 872.1 / Nome-Brevig Mission --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1			
Pax #2			
Pax #3			
Pax #4			
Pax #5			
Pax #6			
Pax #7			
Pax #8			
Total Occupants / Baggage¹	150	0	
Freight (1)		1,031	
Freight (2)			
Total Baggage / Freight²		1,031	
Airplane Empty Weight ³			5,388
Occupants			150
Baggage / Freight			1,031
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			6,755
Fuel ⁶			1,216
Gross Weight			7,971
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			1,091
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			836

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 28Jan2025 / BA # 872.2 / Brevig Mission-Name --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	190		
Pax #2	190		
Pax #3	200		
Pax #4	200		
Pax #5			
Pax #6			
Pax #7			
Pax #8			
Total Occupants / Baggage¹	930	0	
Freight (1)		41	
Freight (2)			
Total Baggage / Freight²		41	
Airplane Empty Weight ³			5,388
Occupants			930
Baggage / Freight			41
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			6,545
Fuel ⁶			1,039
Gross Weight			7,584
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			1,478
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			1,223

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 31Jan2025 / BA # 810.2 / Nome-Shaktoolik --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	140	40	
Pax #2	150	30	
Pax #3	150	95	
Pax #4	160	0	
Pax #5	160	45	
Pax #6	190	71	
Total Occupants / Baggage¹	1,100	281	
Freight (1)		423	
Freight (2)			
Total Baggage / Freight²		704	
Airplane Empty Weight ³			5,388
Occupants			1,100
Baggage / Freight			704
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			7,378
Fuel ⁶			2,040
Gross Weight			9,486
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			(424)
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			(679)

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 31Jan2025 / BA # 810.3 / Shaktoolik - Unalakleet --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	140	40	
Pax #2	150	30	
Pax #3	150	95	
Pax #4	180	0	
Pax #5	190	71	
Pax #6			
Total Occupants / Baggage¹	960	236	
Freight (1)		309	
Freight (2)			
Total Baggage / Freight²		545	
Airplane Empty Weight ³			5,388
Occupants			960
Baggage / Freight			545
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			7,079
Fuel ⁶			1,703
Gross Weight			8,782
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			280
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			25

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 31Jan2025 / BA # 810.4 / Unalakleet - Nome --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	180		
Pax #2	260	22	
Pax #3			
Pax #4			
Pax #5			
Pax #6			
Total Occupants / Baggage¹	590	22	
Freight (1)		12	
Freight (2)			
Total Baggage / Freight²		34	
Airplane Empty Weight ³			5,388
Occupants			590
Baggage / Freight			34
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			6,198
Fuel ⁶			1,633
Gross Weight			7,831
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			1,231
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			976

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 02Feb2025 / BA # 844.5 / Nome-St. Michael --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	45	100	
Pax #2	105	39	
Pax #3	130	48	
Pax #4	170	87	
Pax #5	215	100	
Pax #6			
Total Occupants / Baggage¹	815	374	
Freight (1)		11	
Freight (2)			
Total Baggage / Freight²		385	
Airplane Empty Weight ³			5,388
Occupants			815
Baggage / Freight			385
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			6,774
Fuel ⁶			1,932
Gross Weight			8,706
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			356
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			101

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 02Feb2025 / BA # 844.6 / St. Michael - Stebbins --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	80		
Pax #2	100		
Pax #3	105	39	
Pax #4	115		
Pax #5	130	48	
Pax #6	180		
Pax #7	200		
Pax #8	225		
Total Occupants / Baggage¹	1,285	87	
Freight (1)		20	
Freight (2)			
Total Baggage / Freight²		107	
Airplane Empty Weight ³			5,388
Occupants			1,285
Baggage / Freight			107
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			6,966
Fuel ⁶			1,623
Gross Weight			8,589
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			473
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			218

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 02Feb2025 / BA # 844.7 / Stebbins - Nome --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	80		
Pax #2	100		
Pax #3	115		
Pax #4	180		
Pax #5	180		
Pax #6	180		
Pax #7	200		
Pax #8	225		
Total Occupants / Baggage¹	1,410	0	
Freight (1)		20	
Freight (2)			
Total Baggage / Freight²		20	
Airplane Empty Weight ³			5,388
Occupants			1,410
Baggage / Freight			20
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			7,004
Fuel ⁶			1,696
Gross Weight			8,700
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			362
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			107

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 02Feb2025 / BA # 846.1 / Nome-Unalakleet --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	110	32	
Pax #2	120	33	
Pax #3	120	62	
Pax #4	136	100	
Pax #5	155	51	
Pax #6	165	35	
Pax #7	169	30	
Pax #8	170	100	
Total Occupants / Baggage¹	1,295	443	
Freight (1)		8	
Freight (2)			
Total Baggage / Freight²		451	
Airplane Empty Weight ³			5,388
Occupants			1,295
Baggage / Freight			451
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			7,320
Fuel ⁶			1,990
Gross Weight			9,310
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			(248)
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			(503)

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational (11.7 gal).

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 02Feb2025 / BA # 846.2 / Unalakleet - St. Michael --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	110	32	
Pax #2	120	33	
Pax #3	120	62	
Pax #4	136	100	
Pax #5	150	46	
Pax #6	165	35	
Pax #7	230	18	
Pax #8			
Total Occupants / Baggage¹	1,181	326	
Freight (1)		26	
Freight (2)			
Total Baggage / Freight²		352	
Airplane Empty Weight ³			5,388
Occupants			1,181
Baggage / Freight			352
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			7,107
Fuel ⁶			1,668
Gross Weight			8,775
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			287
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			32

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational (11.7 gal).

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 02Feb2025 / BA # 846.3 / St. Michael - Stebbins --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	120	33	
Pax #2	120	62	
Pax #3	150	46	
Pax #4	165	35	
Pax #5			
Pax #6			
Pax #7			
Pax #8			
Total Occupants / Baggage¹	705	176	
Freight (1)		28	
Freight (2)			
Total Baggage / Freight²		204	
Airplane Empty Weight ³			5,388
Occupants			705
Baggage / Freight			204
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			6,483
Fuel ⁶			1,484
Gross Weight			7,967
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			1,095
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			840

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational (11.7 gal).

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 02Feb2025 / BA # 846.4 / Stebbins - Nome --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	150	46	
Pax #2	180		
Pax #3	190		
Pax #4	200		
Pax #5	200		
Pax #6			
Pax #7			
Pax #8			
Total Occupants / Baggage¹	1,070	46	
Freight (1)			
Freight (2)		17	
Total Baggage / Freight²		63	
Airplane Empty Weight ³			5,388
Occupants			1,070
Baggage / Freight			63
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			6,707
Fuel ⁶			1,505
Gross Weight			8,212
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			850
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			595

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational (11.7 gal).

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 03Feb2025 / BA # 810.1 / Nome-Shaktoolik --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	178	91	
Pax #2			
Pax #3			
Pax #4			
Pax #5			
Pax #6			
Total Occupants / Baggage¹	328	91	
Freight (1)		31	
Freight (2)			
Total Baggage / Freight²		122	
Airplane Empty Weight ³			5,388
Occupants			328
Baggage / Freight			122
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			6,024
Fuel ⁶			2,005
Gross Weight			8,029
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			1,033
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			778

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 03Feb2025 / BA # 810.2 / Shaktoolik - Unalakleet --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest	
	Occupant Weight	Baggage/Freight Weight
Pilot	150	
Pax #1	170	
Pax #2	170	20
Pax #3	180	
Pax #4	180	30
Pax #5	200	
Pax #6	415	
Total Occupants / Baggage¹	1,465	50
Freight (1)		
Freight (2)		
Total Baggage / Freight²		50
Airplane Empty Weight ³		5,388
Occupants		1,465
Baggage / Freight		50
Fly Kit ⁴		80
TKS Fluid ⁵		106
Zero Fuel		7,089
Fuel ⁶		1,705
Gross Weight		8,794
Max Gross Takeoff Weight⁷		9,062
Under Gross / (Over Gross)		268
Max Gross Takeoff Weight (FIKI)⁸		8,807
Under Gross / (Over Gross)		13

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 03Feb2025 / BA # 4440.1 / Unalakleet-Stebbins --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1			
Pax #2			
Pax #3			
Pax #4			
Pax #5			
Pax #6			
Total Occupants / Baggage¹	150	0	
Freight (1)		1,232	
Freight (2)		1,677	
Total Baggage / Freight²		2,909	
Airplane Empty Weight ³			5,388
Occupants			150
Baggage / Freight			2,909
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			8,633
Fuel ⁶			1,589
Gross Weight			10,222
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			(1,160)
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			(1,415)

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 03Feb2025 / BA # 4440.2 / Stebbins-Unalakleet --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1			
Pax #2			
Pax #3			
Pax #4			
Pax #5			
Pax #6			
Total Occupants / Baggage¹	150	0	
Freight (1)		0	
Freight (2)		0	
Total Baggage / Freight²		0	
Airplane Empty Weight ³			5,388
Occupants			150
Baggage / Freight			0
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			5,724
Fuel ⁶			1,462
Gross Weight			7,186
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			1,876
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			1,621

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 03Feb2025 / BA # 8440.1 / Unalakleet-Stebbins --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1			
Pax #2			
Pax #3			
Pax #4			
Pax #5			
Pax #6			
Total Occupants / Baggage¹	150	0	
Freight (1)		1,135	
Freight (2)		1,378	
Total Baggage / Freight²		2,513	
Airplane Empty Weight ³			5,388
Occupants			150
Baggage / Freight			2,513
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			8,237
Fuel ⁶			1,273
Gross Weight			9,510
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			(448)
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			(703)

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 03Feb2025 / BA # 8440.2 / Stebbins-Nome --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1			
Pax #2			
Pax #3			
Pax #4			
Pax #5			
Pax #6			
Total Occupants / Baggage¹	150	0	
Freight (1)		1	
Freight (2)			
Total Baggage / Freight²		1	
Airplane Empty Weight ³			5,388
Occupants			150
Baggage / Freight			1
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			5,725
Fuel ⁶			1,141
Gross Weight			6,866
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			2,196
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			1,941

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 04Feb2025 / BA # 840.1 / Nome-St. Michael --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	135	35	
Pax #2	170	44	
Pax #3	185	72	
Pax #4	190	100	
Pax #5			
Pax #6			
Total Occupants / Baggage¹	830	251	
Freight (1)		15	
Freight (2)			
Total Baggage / Freight²		266	
Airplane Empty Weight ³			5,388
Occupants			830
Baggage / Freight			266
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			6,670
Fuel ⁶			1,720
Gross Weight			8,390
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			672
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			417

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 04Feb2025 / BA # 840.2 / St. Michael-Stebbins --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	165		
Pax #2	170		
Pax #3	170		
Pax #4	180		
Pax #5	180		
Pax #6			
Total Occupants / Baggage¹	1,015	0	
Freight (1)		1	
Freight (2)			
Total Baggage / Freight²		1	
Airplane Empty Weight ³			5,388
Occupants			1,015
Baggage / Freight			1
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			6,590
Fuel ⁶			1,477
Gross Weight			8,067
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			995
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			740

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 04Feb2025 / BA # 840.3 / Stebbins-Nome --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	90		
Pax #2	165		
Pax #3	170		
Pax #4	170		
Pax #5	180		
Pax #6	180		
Pax #7	180		
Pax #8	180		
Pax #9	200		
Total Occupants / Baggage¹	1,665	0	
Freight (1)		5	
Freight (2)			
Total Baggage / Freight²		5	
Airplane Empty Weight ³			5,388
Occupants			1,665
Baggage / Freight			5
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			7,244
Fuel ⁶			1,449
Gross Weight			8,693
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			369
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			114

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 05Feb2025 / BA # 820.1 / Nome-White Mountain --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	110		
Pax #2	130	55	
Pax #3	150	25	
Pax #4	175	12	
Pax #5	205	42	
Pax #6			
Pax #7			
Pax #8			
Pax #9			
Total Occupants / Baggage¹	920	134	
Freight (1)		927	
Freight (2)			
Total Baggage / Freight²		1,061	
Airplane Empty Weight ³			5,388
Occupants			920
Baggage / Freight			1,061
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			7,555
Fuel ⁶			1,388
Gross Weight			8,943
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			119
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			(136)

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 05Feb2025 / BA # 820.2 / White Mountain-Golovin --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	110		
Pax #2	150	25	
Pax #3	150		
Pax #4	180		
Pax #5	185		
Pax #6			
Pax #7			
Pax #8			
Pax #9			
Total Occupants / Baggage¹	925	25	
Freight (1)		668	
Freight (2)			
Total Baggage / Freight²		693	
Airplane Empty Weight ³			5,388
Occupants			925
Baggage / Freight			693
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			7,192
Fuel ⁶			1,252
Gross Weight			8,444
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			618
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			363

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 05Feb2025 / BA # 820.3 / Golovin-Nome --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	180		
Pax #2	185		
Pax #3	185		
Pax #4			
Pax #5			
Pax #6			
Pax #7			
Pax #8			
Pax #9			
Total Occupants / Baggage¹	700	0	
Freight (1)		30	
Freight (2)			
Total Baggage / Freight²		30	
Airplane Empty Weight ³			5,388
Occupants			700
Baggage / Freight			30
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			6,304
Fuel ⁶			1,235
Gross Weight			7,539
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			1,523
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			1,268

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 05Feb2025 / BA # 3820.1 / Nome-Golovin --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1			
Pax #2			
Pax #3			
Pax #4			
Pax #5			
Pax #6			
Pax #7			
Pax #8			
Pax #9			
Total Occupants / Baggage¹	150	0	
Freight (1)		2,200	
Freight (2)			
Total Baggage / Freight²		2,200	
Airplane Empty Weight ³			5,388
Occupants			150
Baggage / Freight			2,200
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			7,924
Fuel ⁶			1,487
Gross Weight			9,411
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			(349)
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			(604)

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 05Feb2025 / BA # 706.1 / Golovin-White Mountain --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	125		
Pax #2	240		
Pax #3	125		
Pax #4	100		
Pax #5			
Pax #6			
Pax #7			
Pax #8			
Pax #9			
Total Occupants / Baggage¹	740	0	
Freight (1)			
Freight (2)			
Total Baggage / Freight²		0	
Airplane Empty Weight ³			5,388
Occupants			740
Baggage / Freight			0
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			6,314
Fuel ⁶			1,333
Gross Weight			7,647
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			1,415
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			1,160

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 05Feb2025 / BA # 706.2 / White Mountain-Teller --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	125		
Pax #2	240		
Pax #3	125		
Pax #4	100		
Pax #5	75		
Pax #6	95		
Pax #7	120		
Pax #8	95		
Pax #9			
Total Occupants / Baggage¹	1,125	0	
Freight (1)			
Freight (2)			
Total Baggage / Freight²		0	
Airplane Empty Weight ³			5,388
Occupants			1,125
Baggage / Freight			0
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			6,699
Fuel ⁶			1,333
Gross Weight			8,032
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			1,030
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			775

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 05Feb2025 / BA # 706.3 / Teller-Name --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1			
Pax #2			
Pax #3			
Pax #4			
Pax #5			
Pax #6			
Pax #7			
Pax #8			
Pax #9			
Total Occupants / Baggage¹	150	0	
Freight (1)			
Freight (2)			
Total Baggage / Freight²		0	
Airplane Empty Weight ³			5,388
Occupants			150
Baggage / Freight			0
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			5,724
Fuel ⁶			1,056
Gross Weight			6,780
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			2,282
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			2,027

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 05Feb2025 / BA # 2872.1 / Nome-Brevig Mission --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	130	25	
Pax #2	175	100	
Pax #3			
Pax #4			
Pax #5			
Pax #6			
Pax #7			
Pax #8			
Pax #9			
Total Occupants / Baggage¹	455	125	
Freight (1)		894	
Freight (2)			
Total Baggage / Freight²		1,019	
Airplane Empty Weight ³			5,388
Occupants			455
Baggage / Freight			1,019
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			7,048
Fuel ⁶			1,480
Gross Weight			8,528
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			534
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			279

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)

-- 05Feb2025 / BA # 2872.2 / Brevig Mission-Nome --

-- N321BA --

Exemplar Weight and Balance

Item	Flight Manifest		Aircraft Weights
	Occupant Weight	Baggage/Freight Weight	
Pilot	150		
Pax #1	170		
Pax #2	170		
Pax #3	170		
Pax #4	170		
Pax #5	170		
Pax #6	200		
Pax #7	200		
Pax #8	230		
Pax #9			
Total Occupants / Baggage¹	1,630	0	
Freight (1)		93	
Freight (2)			
Total Baggage / Freight²		93	
Airplane Empty Weight ³			5,388
Occupants			1,630
Baggage / Freight			93
Fly Kit ⁴			80
TKS Fluid ⁵			106
Zero Fuel			7,297
Fuel ⁶			1,331
Gross Weight			8,628
Max Gross Takeoff Weight⁷			9,062
Under Gross / (Over Gross)			434
Max Gross Takeoff Weight (FIKI)⁸			8,807
Under Gross / (Over Gross)			179

Notes

¹ Occupant weights obtained from operator flight manifest.

² Baggage and freight weights obtained from operator flight manifest.

³ Airplane empty weight obtained from onboard weight and balance data.

⁴ Fly kit weight based on exemplar airplane.

⁵ Min req'd on departure for TKS system to be operational.

⁶ Fuel load based on data recovered from avionics.

⁷ Ref: STC SA01213SE

⁸ Ref: POH Supplement 1 (TKS System)