Date:		From:		To:		P-i-C:		Sign.:	

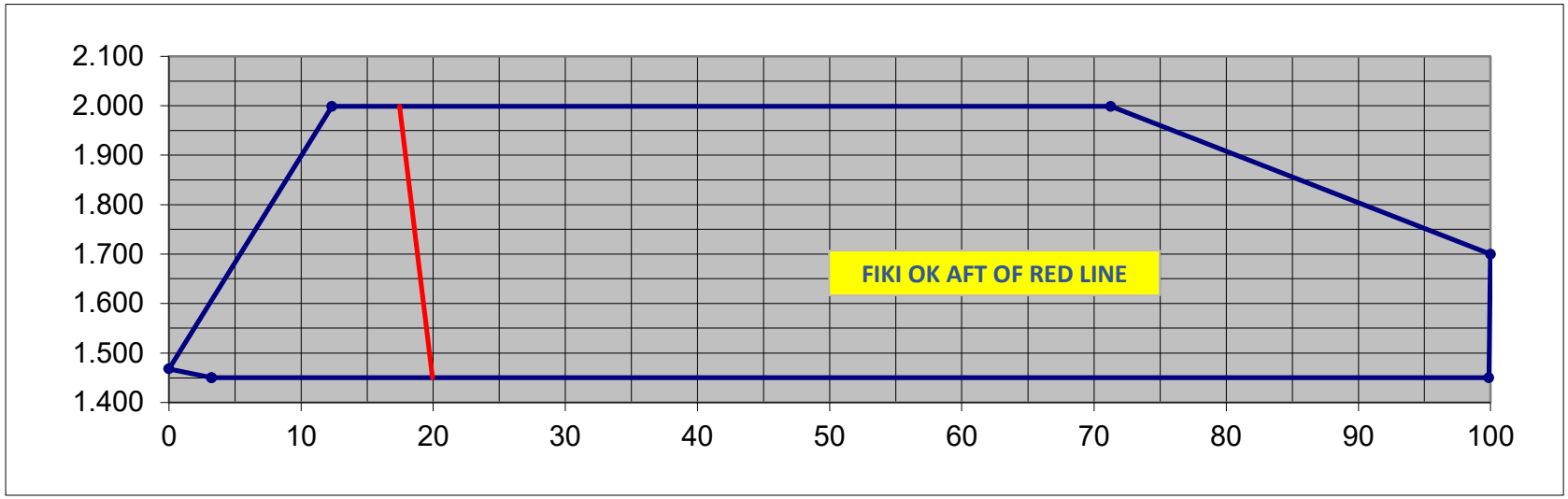
Station	Max	Mass					Index			Index vs. Mass															
APS	Inkl. Pilot		1	5	6	4		3	7	5	10	15	18	20	30	33	35	45	50	70	72	90	120	144	180
Seat 2	1 pax	Plus					Minus			-1	-2	-3	-4	-4	-6	-7	-7	-10	-11	-15	-15	-19	-25	-30	-38
Seat 3 + 4	2 pax	Plus					Plus			2	4	6	7	8	12	13	14	18	20	28	29	36	48	57	72
De-ice fluid	30 ltr	Plus					Minus			-5	-10	-16	-19	-21	-31	-34									
Nose bagg	30	Plus					Minus			-7	-13	-20	-23	-26	-39										
Cabin bagg	45	Plus					Plus			4	8	12	15	16	24	27	28	36							
Extension bagg	18	Plus					Plus			6	12	18	22												
Zero Fuel Mass	1835	=					=																		
Main Fuel	152	Plus					+			0															
Aux Fuel	79	Plus					+																		
Ramp Mass	2007	=					=																		
Taxi Fuel		Minus				8	÷			0															
Take-off Mass	1999	=					=																		
Trip Fuel Outboard		Minus					÷																		
Trip Fuel Inboard		Minus					÷																		
Landing Mass	1999	=					=																		

All mass in KG
Std. Pax is w/o carry-on luggage, (6 kg)
Pax mass is i.a.w. BL 5-5

Reg.:	JNK
Type:	DA42NG
Date:	04-11-2024
©	Ikaros Fly

Std. Mass	
Male	90
Female	72
Child	35

Main Fuel			
Kg	Gls	Ltr	Index
30	10	38	0
44	14	55	0
57	19	71	0
71	23	88	0
85	28	105	0
98	32	122	0
112	37	139	0
125	41	156	0
139	46	172	0
152	50	189	0



DE-ice fluid	
Ltr	Kg
0	0
3	3
6	7
9	10
12	13
15	17
18	20
21	23
24	26
27	30
30	33

Aux Fuel			
Kg	Gls	Ltr	Index
0	0	0	0
8	3	10	3
16	5	20	6
24	8	30	9
32	10	39	12
40	13	49	14
47	16	59	17
55	18	69	20
63	21	79	23
71	23	89	26
79	26	98	29