

AIR ACADEMY



Part-FCL Question Bank

ECQB-PPL

Acc. (EU) 1178/2011

and

AMC FCL.115, .120, 210, .215

**Attachment
Reference Book**

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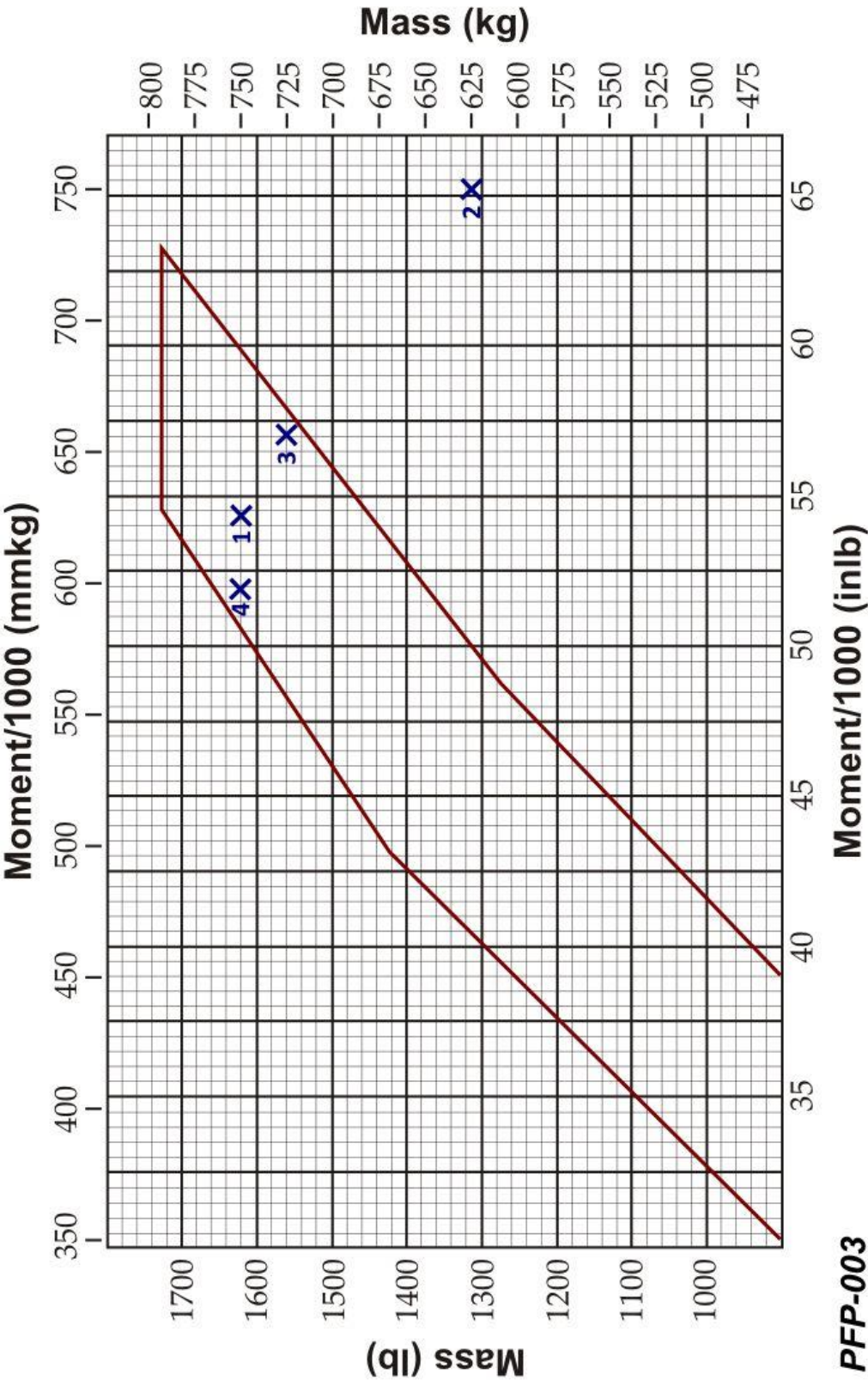
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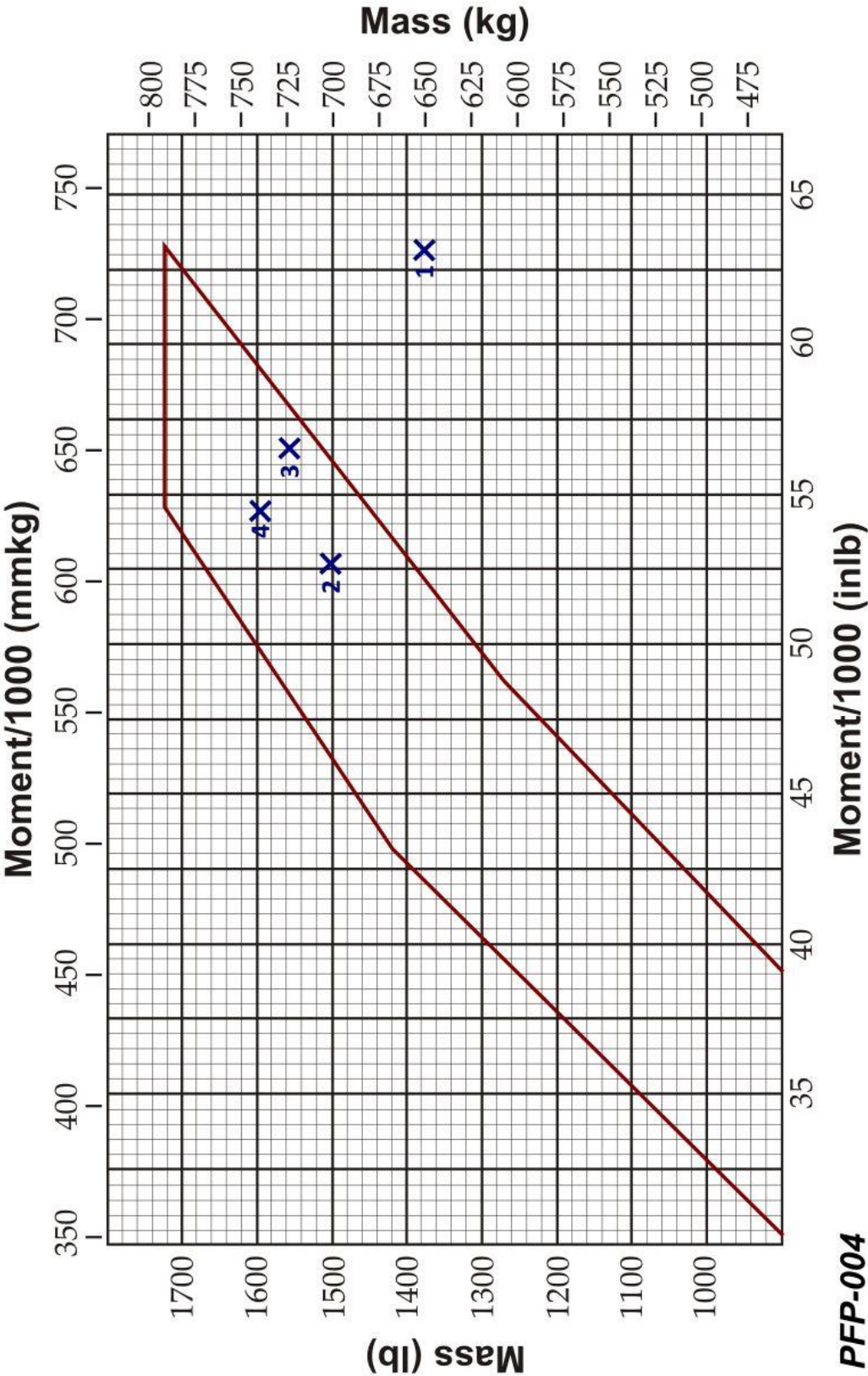
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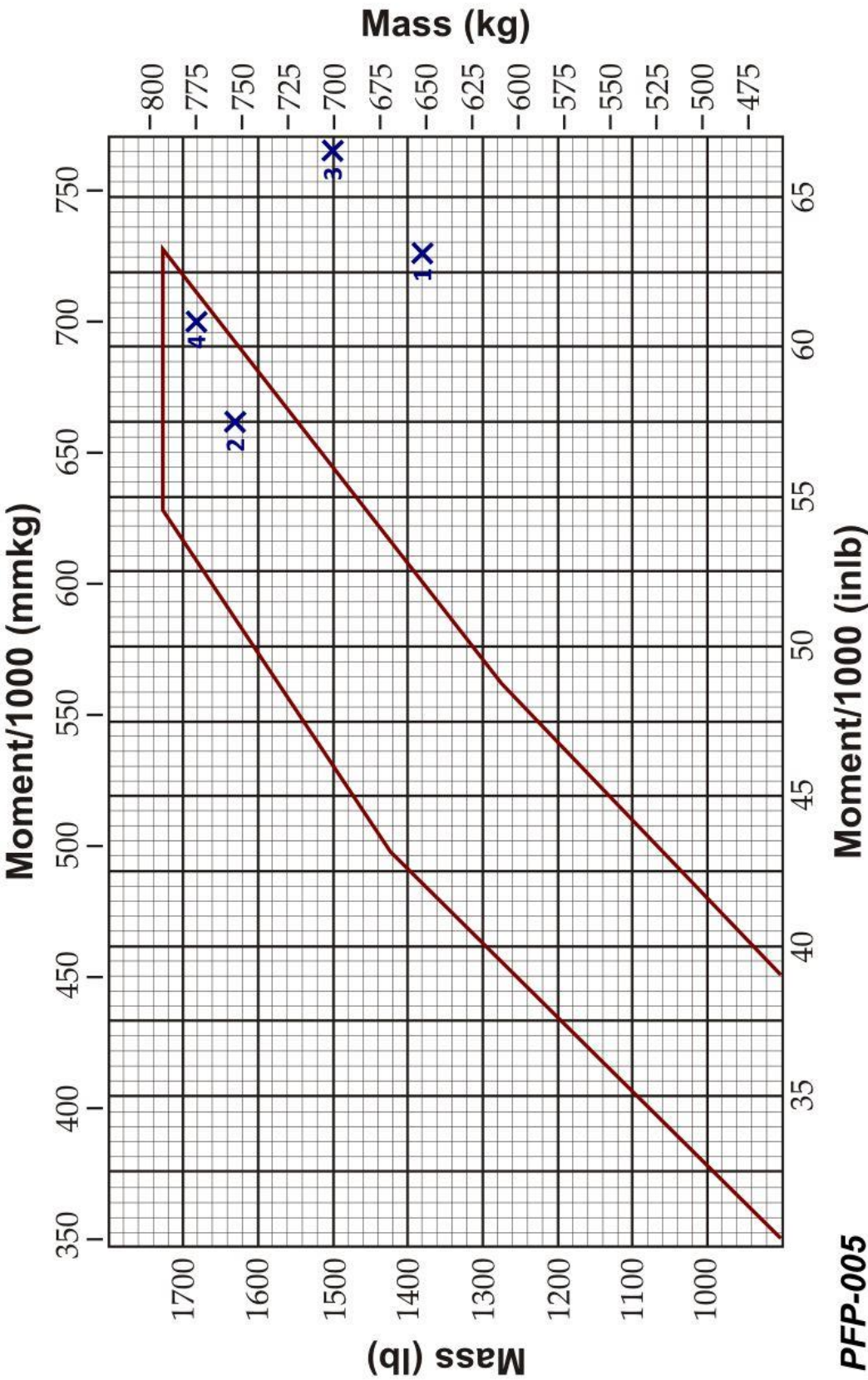
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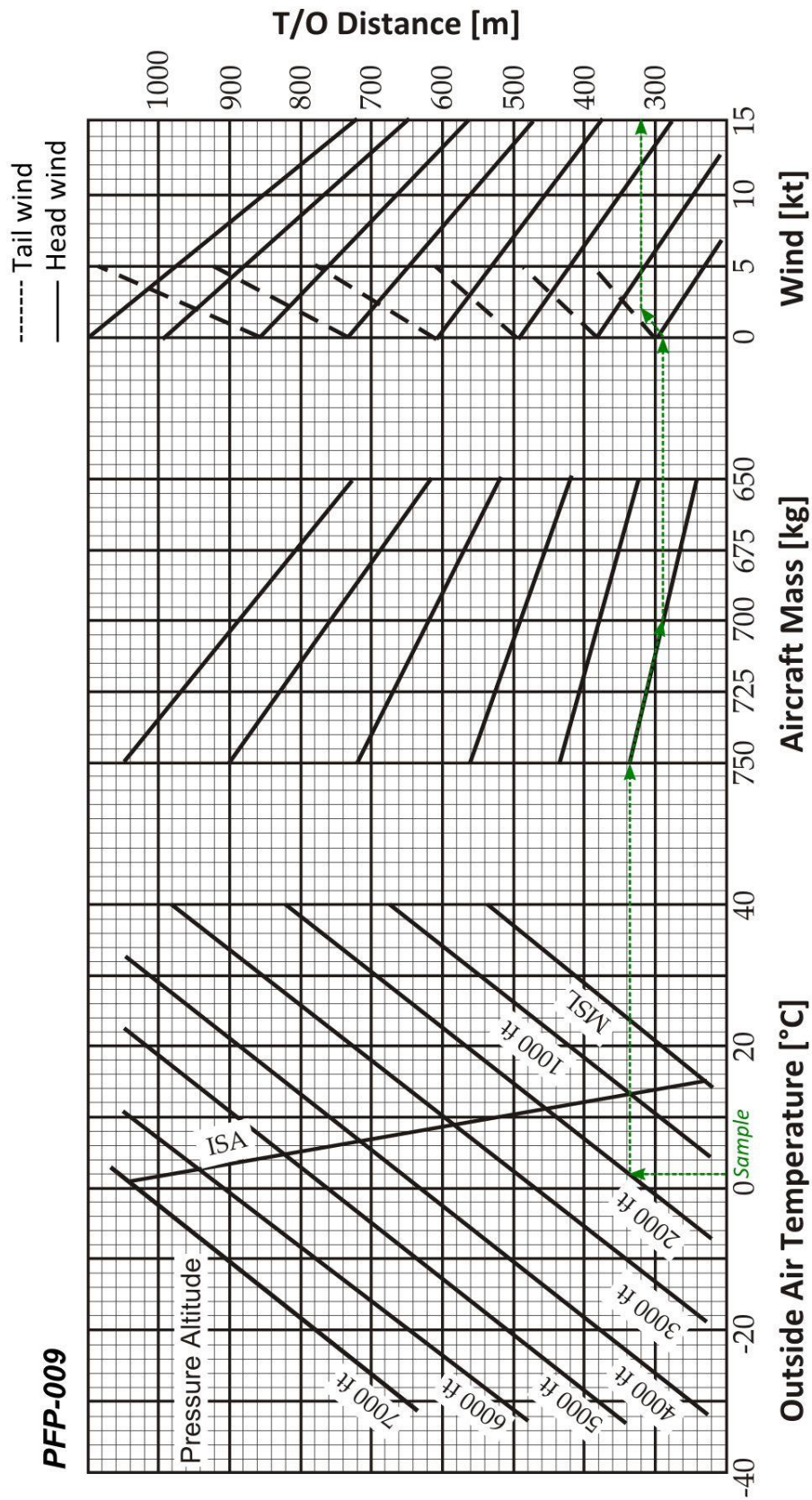
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v2020.2

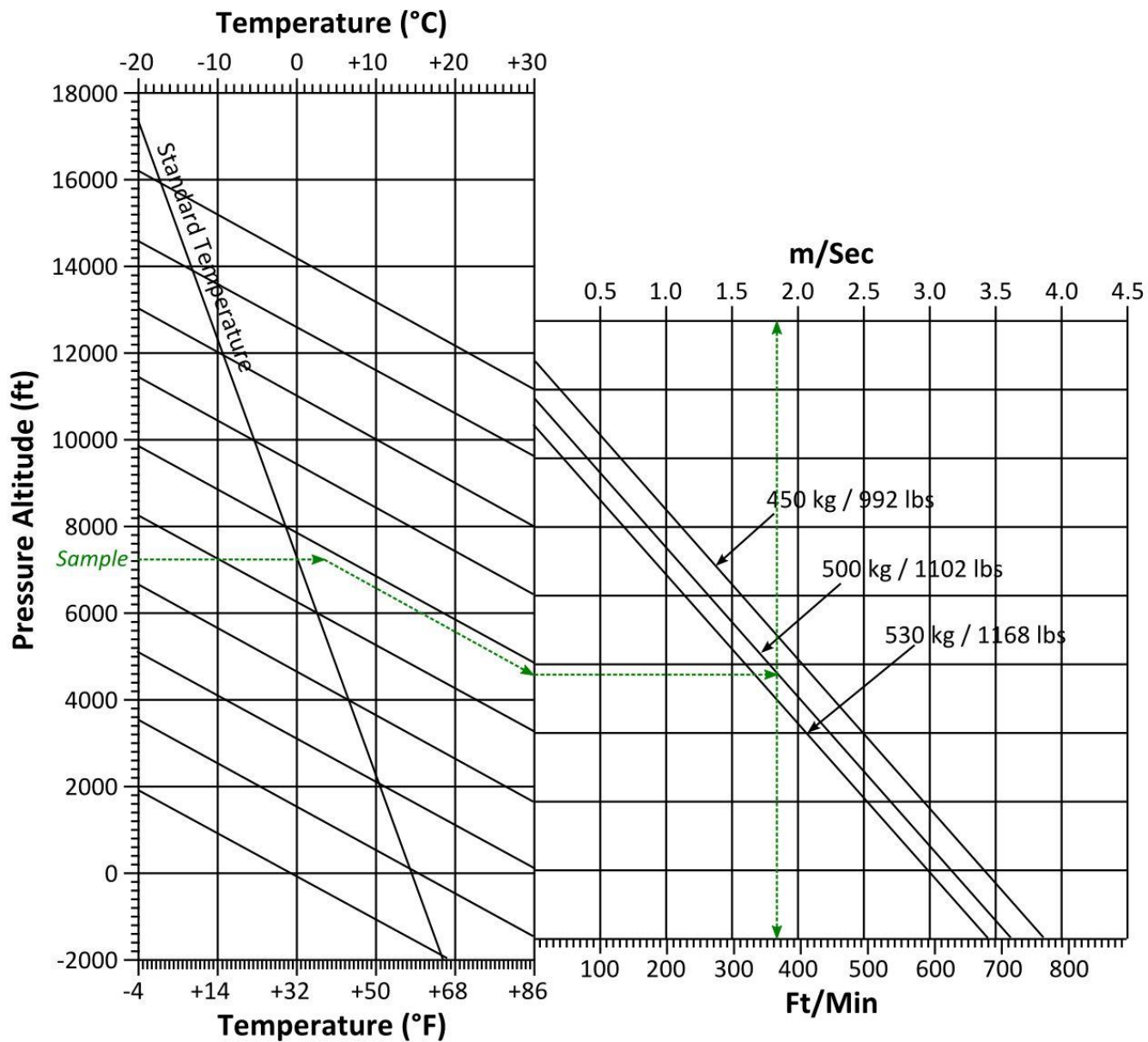
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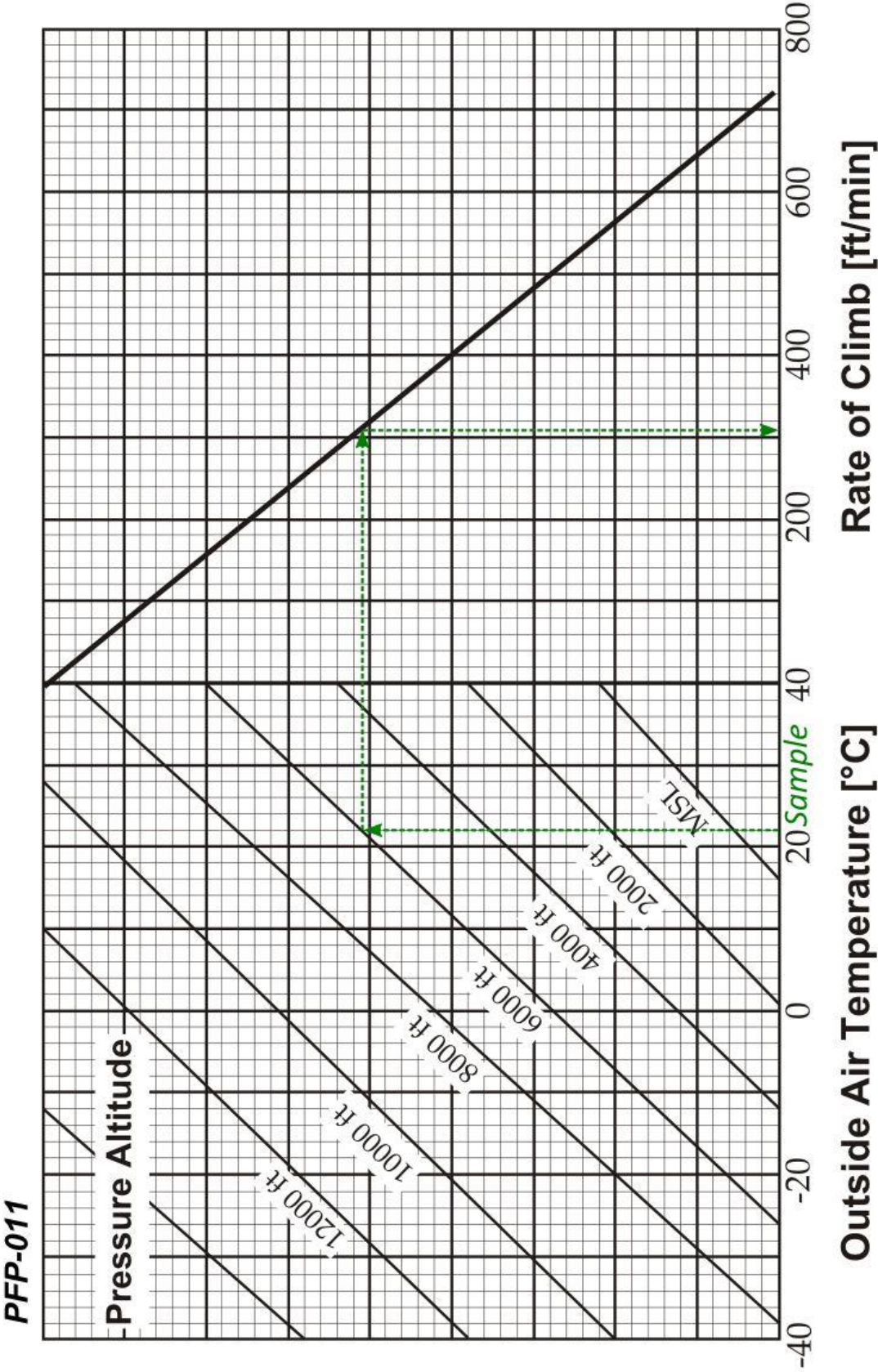


Attachment PFP-010

PFP-010



Attachment PFP-011



Attachment PFP-012

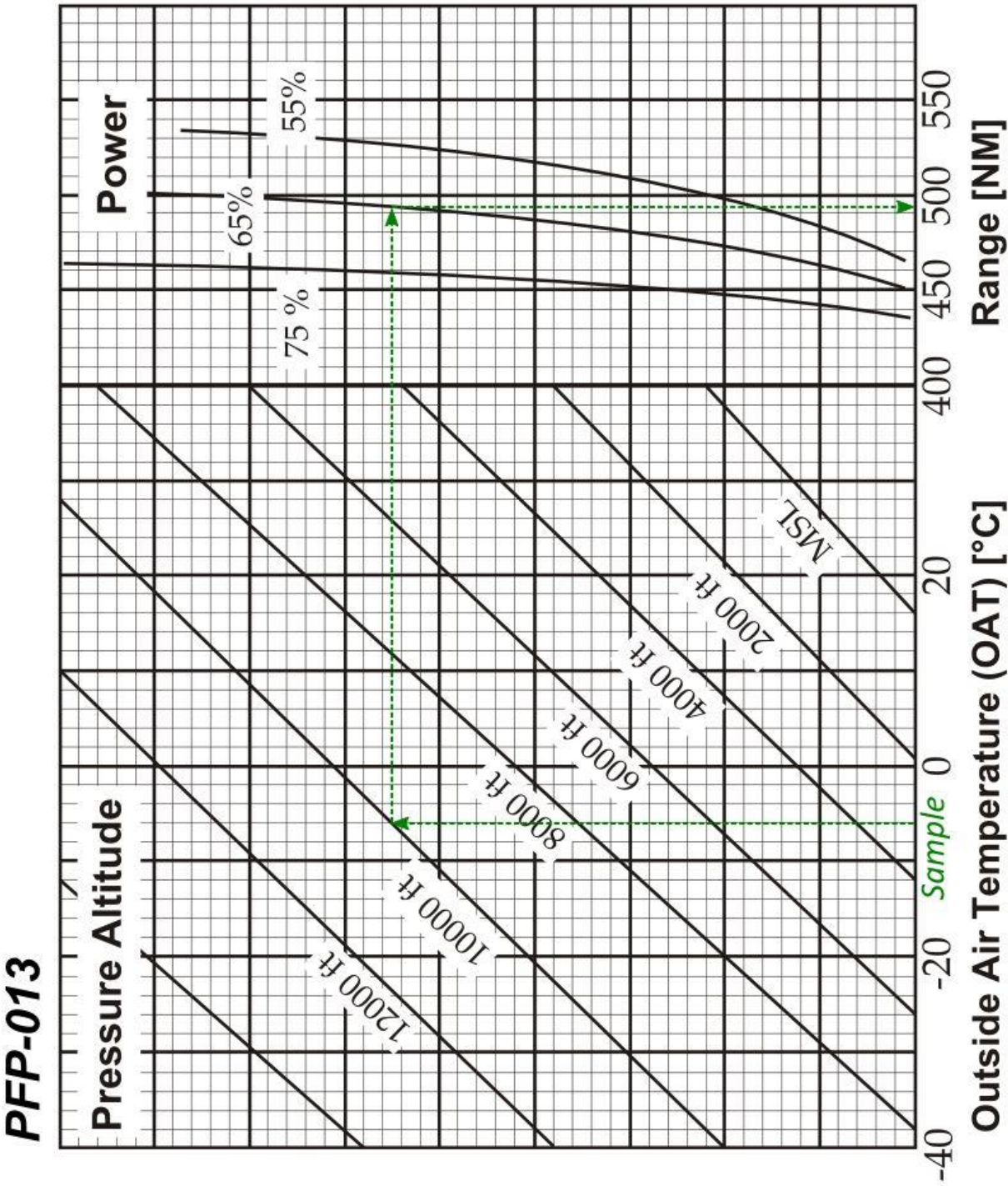
PFP-012

Performance

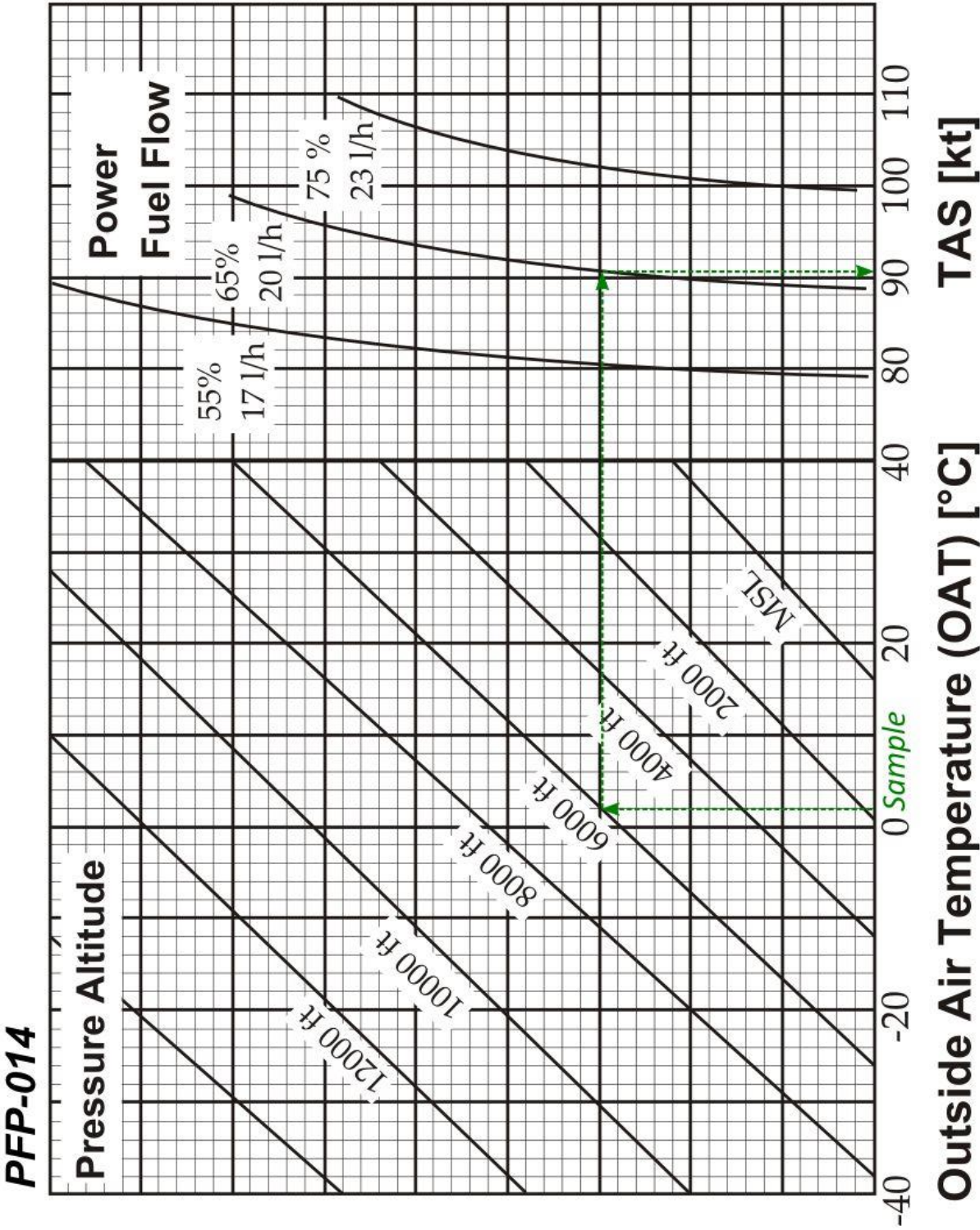
Aircraft mass: 785 kg

Pressure Altitude [ft]	RPM	20°C below ISA				ISA				20°C above ISA			
		BHP [%]	TAS [kt]	FF [l/h]	BHP [%]	TAS [kt]	FF [l/h]	BHP [%]	TAS [kt]	FF [l/h]	BHP [%]	TAS [kt]	FF [l/h]
2000	2500	73	110	25,1	70	108	24,0	67	107	21,9	67	107	21,9
	2400	69	103	22,8	65	102	21,7	62	102	19,5	62	102	19,5
	2300	62	97	20,5	59	95	19,7	56	94	18,4	56	94	18,4
	2200	54	90	18,3	51	88	17,4	48	86	16,7	48	86	16,7
	2100	48	85	16,9	45	84	15,6	41	84	14,9	41	84	14,9
4000	2500	70	109	24,1	68	106	22,1	66	105	21,5	66	105	21,5
	2400	66	100	21,4	63	102	19,6	61	100	19,3	61	100	19,3
	2300	58	94	19,5	56	95	18,4	55	93	18,1	55	93	18,1
	2200	51	89	17,6	47	85	16,7	43	82	16,2	43	82	16,2
	2100	46	84	15,5	41	83	15,1	38	79	14,6	38	79	14,6
6000	2600	70	110	23,9	67	105	22,5	66	103	21,0	66	103	21,0
	2500	64	98	20,5	61	97	19,6	60	96	19,1	60	96	19,1
	2400	56	92	18,7	55	91	18,3	54	90	18,1	54	90	18,1
	2300	48	87	16,9	46	85	16,5	44	81	15,9	44	81	15,9
	2200	44	83	15,1	40	80	15,0	39	79	14,5	39	79	14,5

Attachment PFP-013



Attachment PFP-014

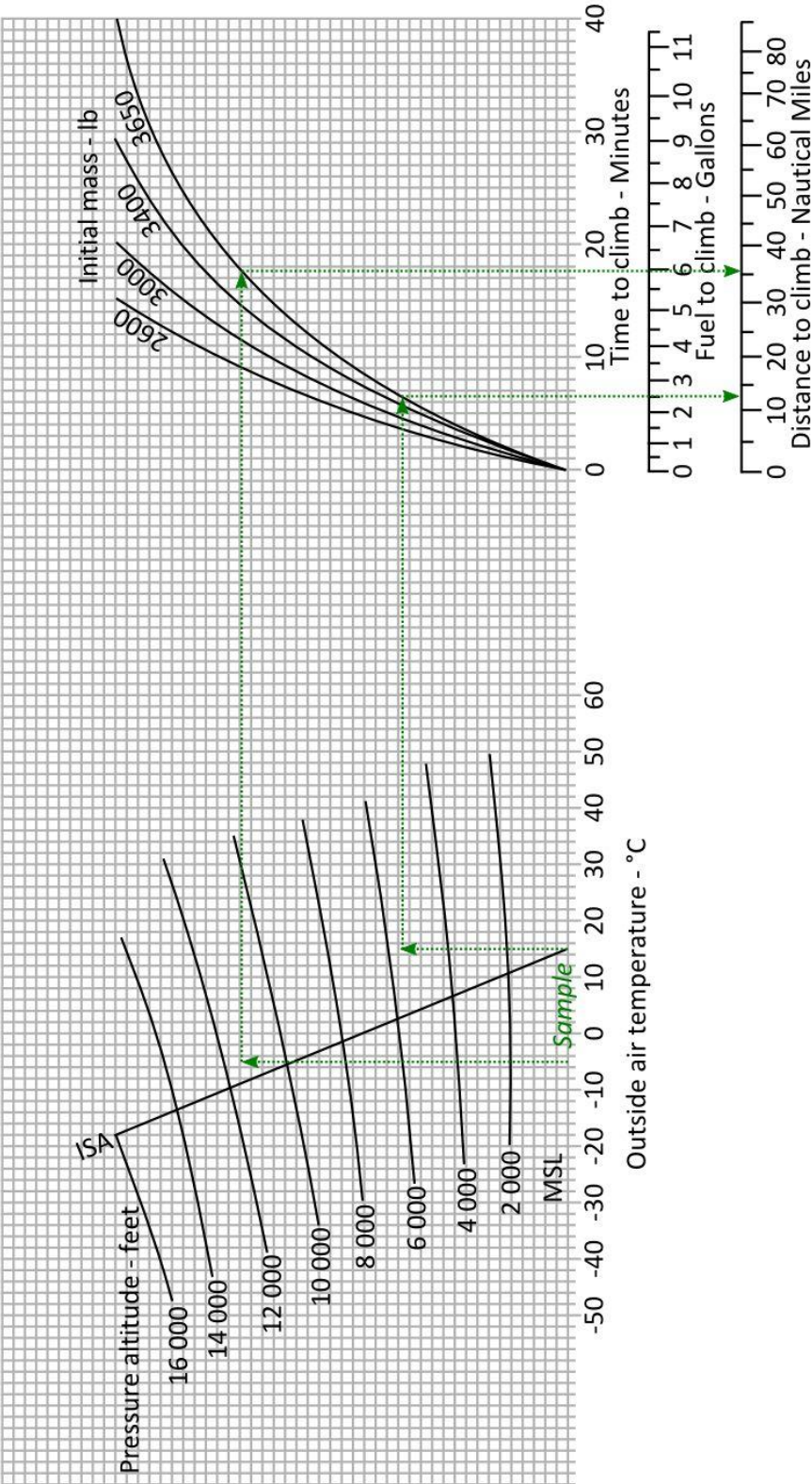


Attachment PFP-023

PFP-023

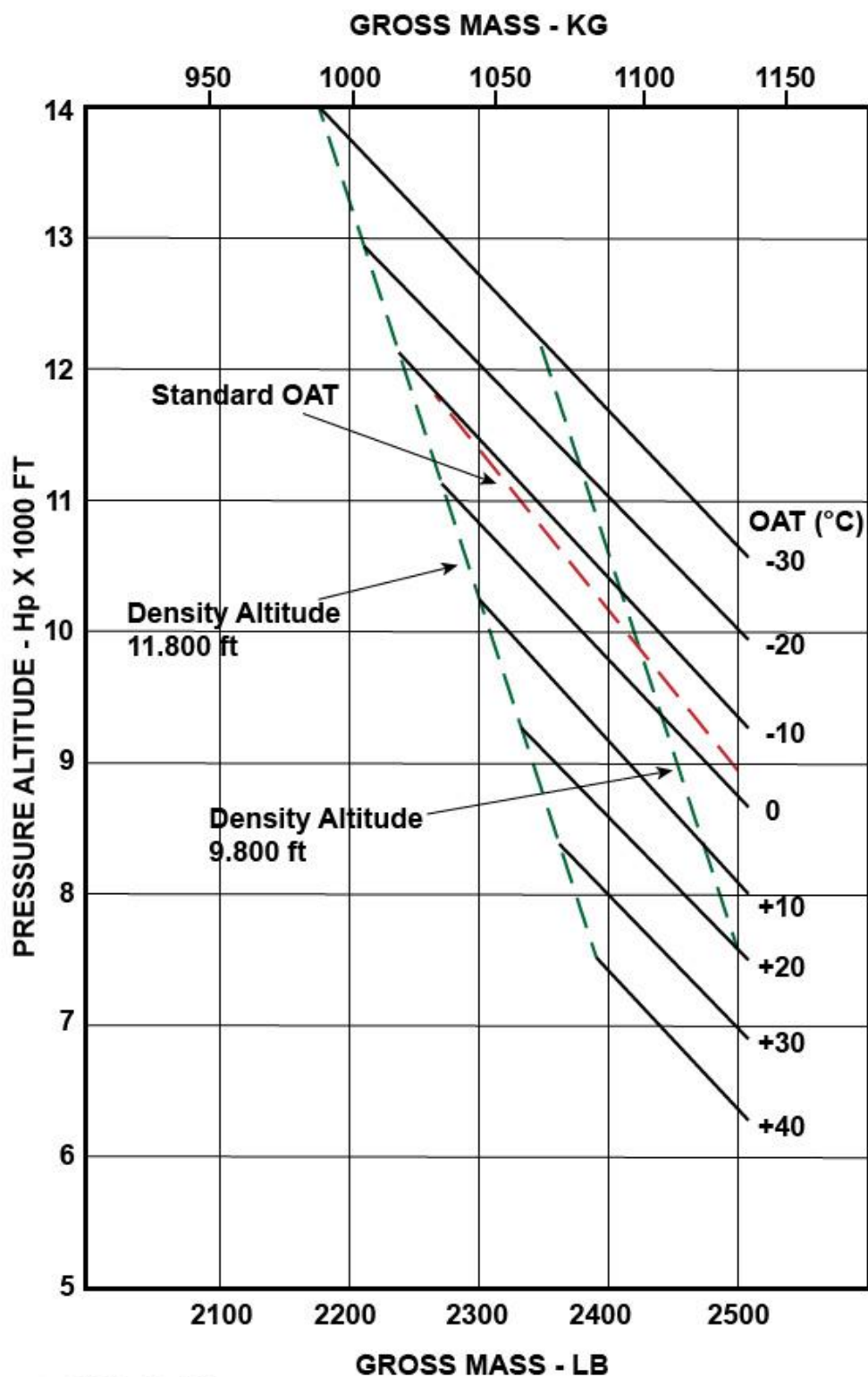
TIME, FUEL AND DISTANCE TO CLIMB

Conditions:
POWER: Full throttle, 2700 RPM
MIXTURE: Full rich
WING FLAPS: Up
COWL FLAPS: As required
CLIMB SPEED: 110 kt all masses



Attachment PFP-045

IGE HOVER CEILING VS. GROSS MASS



PFP-045

Attachment CAP697 Table 2.2.3

CAP 697

CAA JAR-FCL Examinations - Flight Planning Manual

Table 2.2.3

23.0 in. Hg (or full throttle) @ 2,300 rpm

Off-peak EGT

Cruise lean mixture @ cruise weight 3,400 lb

ISA Dev.	Press. Alt.	IOAT		Man. Press.	Fuel Flow		Airspeed	
°C	Feet	°C	°F	In. Hg	PPH	GPH	KIAS	KTAS
-20	0	-3	26	23.0	67.6	11.3	152	144
	2,000	-7	20	23.0	69.7	11.6	152	149
	4,000	-11	13	23.0	72.1	12.0	153	154
	6,000	-15	6	23.0	74.4	12.4	153	158
	8,000	-18	-1	22.4	73.8	12.3	150	160
	10,000	-23	-9	20.7	68.4	11.4	143	157
	12,000	-27	-16	19.2	63.8	10.6	135	153
	14,000	-31	-23	17.8	60.0	10.0	127	148
	16,000	-35	-31	16.4	56.3	9.4	117	141
0	0	17	62	23.0	65.4	10.9	147	145
	2,000	13	56	23.0	67.4	11.2	147	149
	4,000	9	49	23.0	69.4	11.6	148	154
	6,000	5	42	23.0	71.7	12.0	148	159
	8,000	2	35	22.4	71.1	11.9	145	160
	10,000	-3	27	20.7	66.2	11.0	137	157
	12,000	-7	20	19.2	61.8	10.3	129	152
	14,000	-11	13	17.8	58.5	9.8	120	146
	16,000	-15	5	16.4	55.3	9.2	109	137
+20	0	37	98	23.0	63.2	10.5	142	145
	2,000	33	92	23.0	65.1	10.9	143	149
	4,000	29	85	23.0	67.1	11.2	143	154
	6,000	25	78	23.0	69.0	11.5	142	158
	8,000	22	71	22.4	68.5	11.4	140	160
	10,000	17	63	20.7	64.0	10.7	132	156
	12,000	13	56	19.2	60.0	10.0	123	151
	14,000	9	48	17.8	57.1	9.5	113	142
	16,000	-	-	-	-	-	-	-

Figure 2.2 Recommended Cruise Power Settings (continued)**NOTE 1:** Full-throttle manifold pressure settings are approximate.**NOTE 2:** Shaded areas represent operation with full throttle.**NOTE 3:** Fuel flows are to be used for flight planning. Lean

Bildschirmfoto

Attachments Ballon

Attachment ECQB-PPL_BPL001

Auszug aus dem Flughandbuch

