

DOCUMENT GSM-AUS-CPL.032

AUS OPERATIONS, FLIGHT PLANNING AND PERFORMANCE

CHAPTER 3 ECHO TAKE-OFF CHARTS

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CHAPTER 3 ECHO TAKE-OFF CHARTS

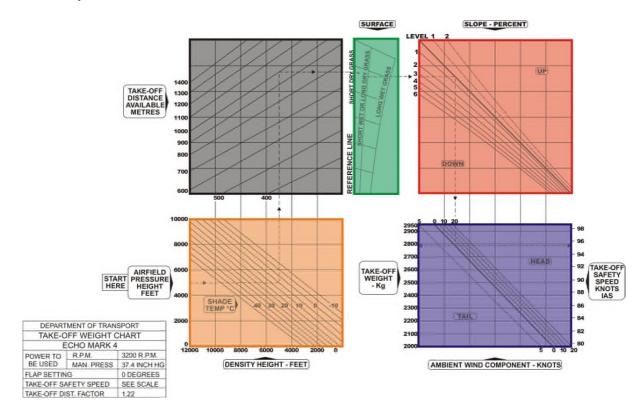


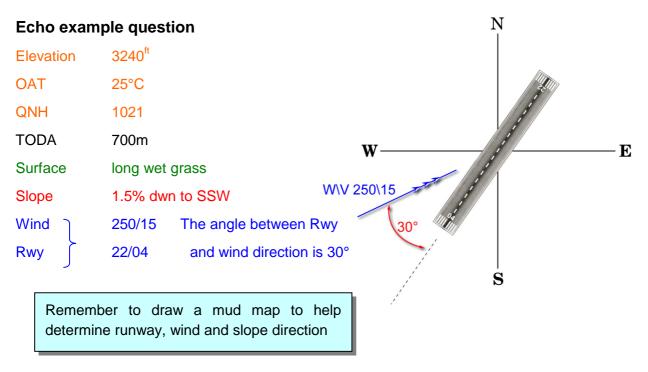
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ECHO TAKE-OFF CHARTS

The graph below is a TAKE-OFF chart for the Echo, a fictitious aircraft used primarily in CASA commercial exams, as we have seen on the previous pages, performance charts all work in a similar way to each other.





Find

Take off weight = ?

Take off safety speed = ?

5. CONVERSIONS - WIND COMPONENT

		For crosswind component Angle Between Wind Direction and Runway Heading									
		10	20	30	40	50	60	70	80	90	
W	5	1	2	2	3	4	4	4	5	5	
	10	2	3	5	6	7	8	9	9	10	
n	15	3	5	7	9	11	13	14	14	15	
d	20	3	7	10	13	15	17	18	19	20	
	25	4	8	12	16	19	22	23	24	25	
s	30	5	10	15	19	23	26	28	29	30	
p	35	6	12	17	22	26	30	32	34	35	
е	40	7	14	20	25	30	35	37	39	40	
е	45	8	15	22	29	34	39	42	44	45	
d ·	50 `	9	17	25	32	38	43	47	49	50	
	55	10	19	27	35	42	48	52	54	55	
k	60	10	20	30	38	46	52	56	59	60	
n	65	11	22	32	42	50	56	61	64	65	
0	70	12	24	35	45	54	60	66	69	70	
t	75	13	26	37	48	57	64	70	73	75	
S	80	14	27	40	51	60	69	75	78	80	
		80	70	60	50	40	30	20	10	0	

