



AVIATION

Stage 3

WACE Examination 2010

Appendices Booklet

Appendix A	WAC Excerpt (Sydney)
Appendix B	PA-32RT Fuel, Time and Distance to Climb Performance Chart
Appendix C	PA-32RT Fuel, Time and Distance to Descend Performance Chart
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Appendix F	End of Daylight Graph
Appendix G	Time-arc Conversion

APPENDIX A WAC EXCERPT (SYDNEY)

Printed on page opposite.

Copyright notice for WAC Excerpt (Sydney)

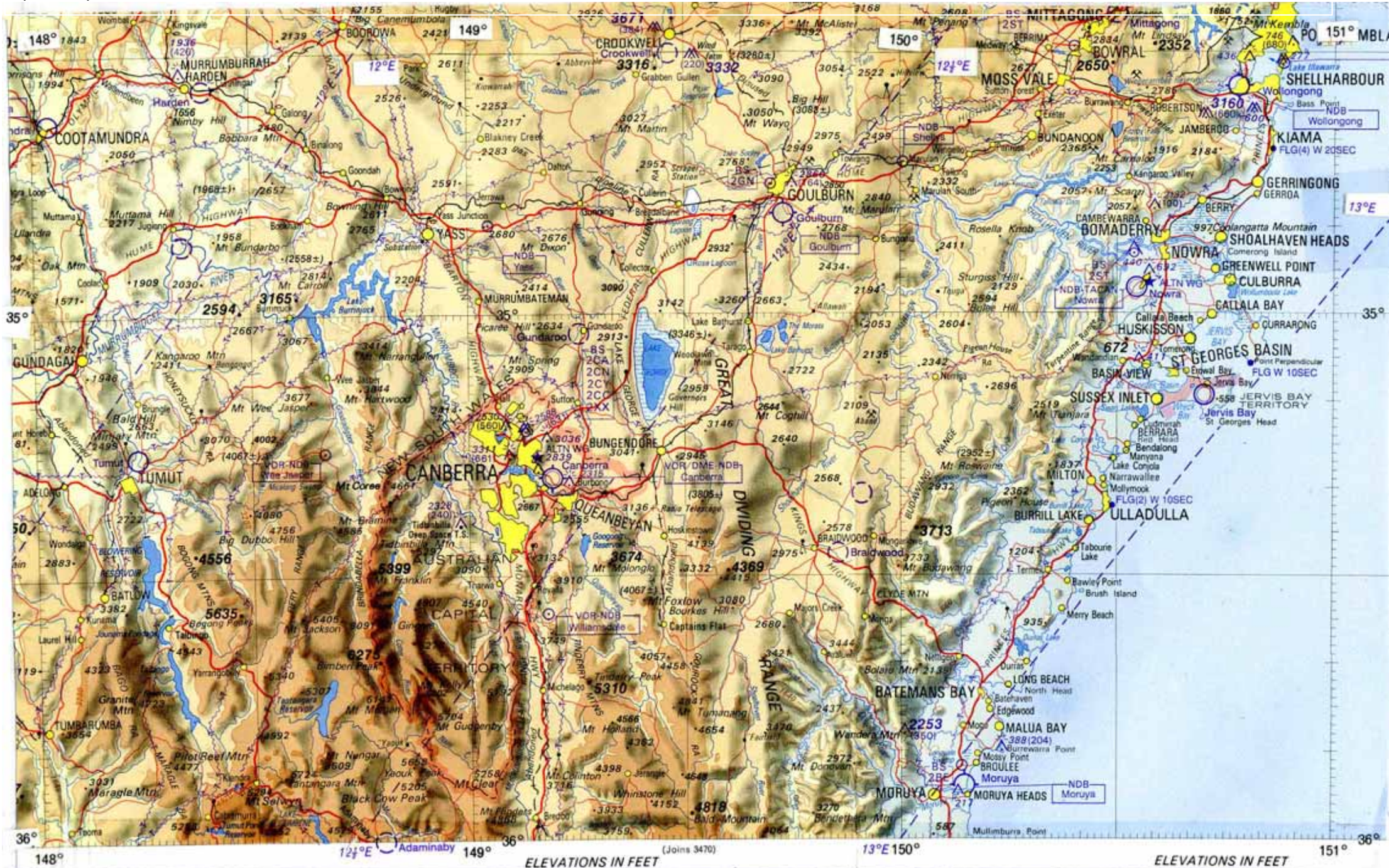
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(3456) SYDNEY

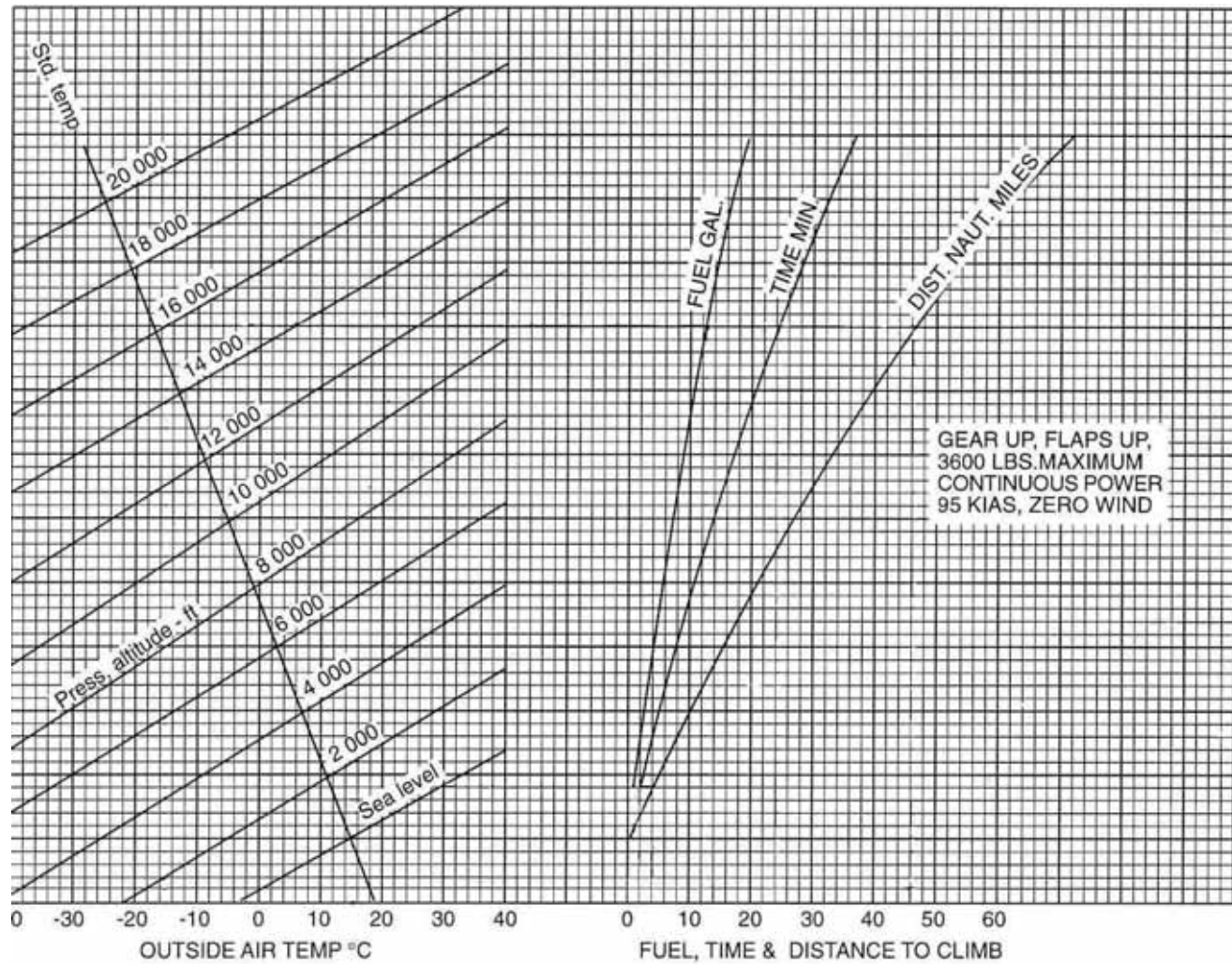
WORLD AERONAUTICAL CHART

ICAO 1 : 1 000 000



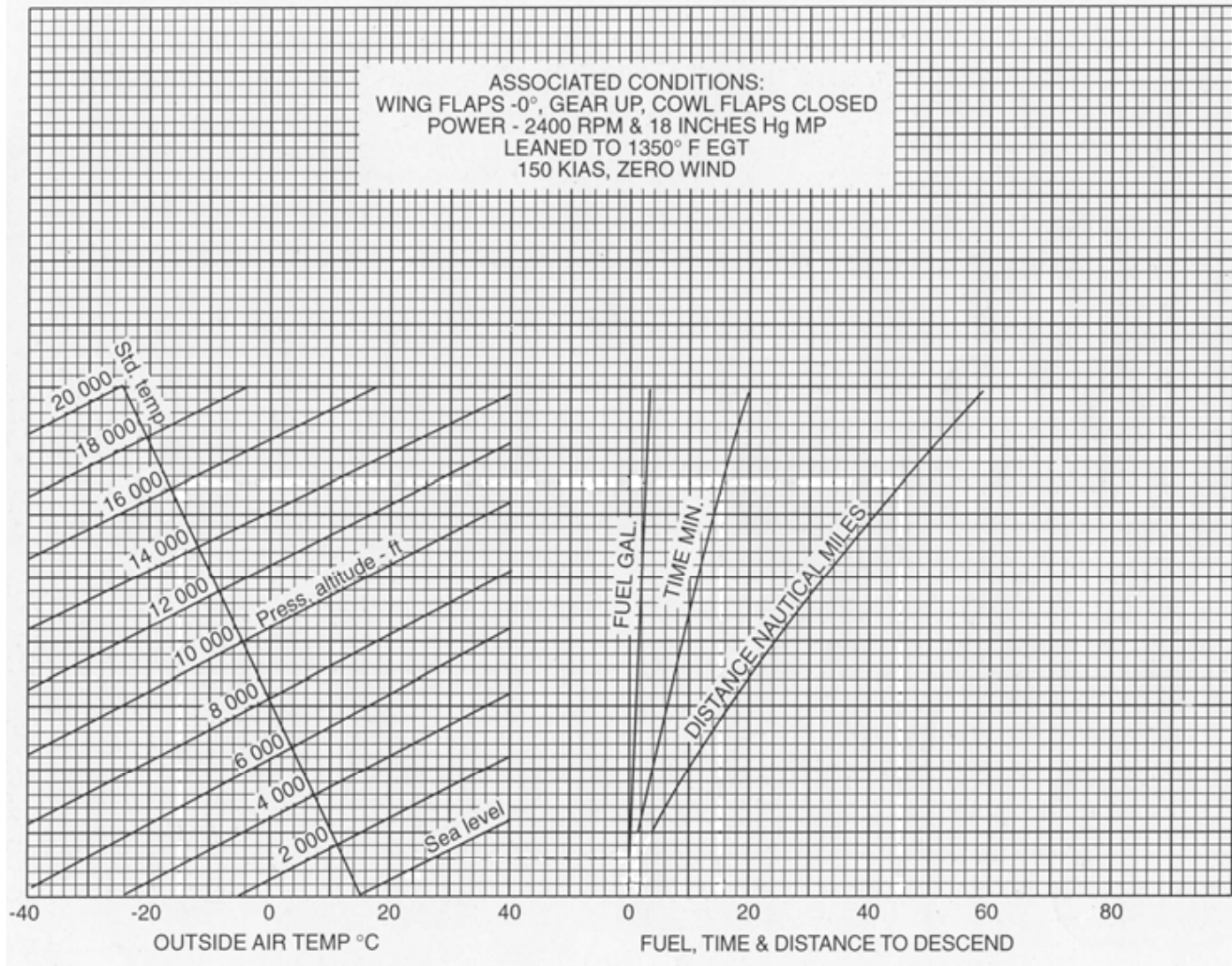
APPENDIX B

PA-32RT FUEL, TIME AND DISTANCE TO CLIMB PERFORMANCE CHART



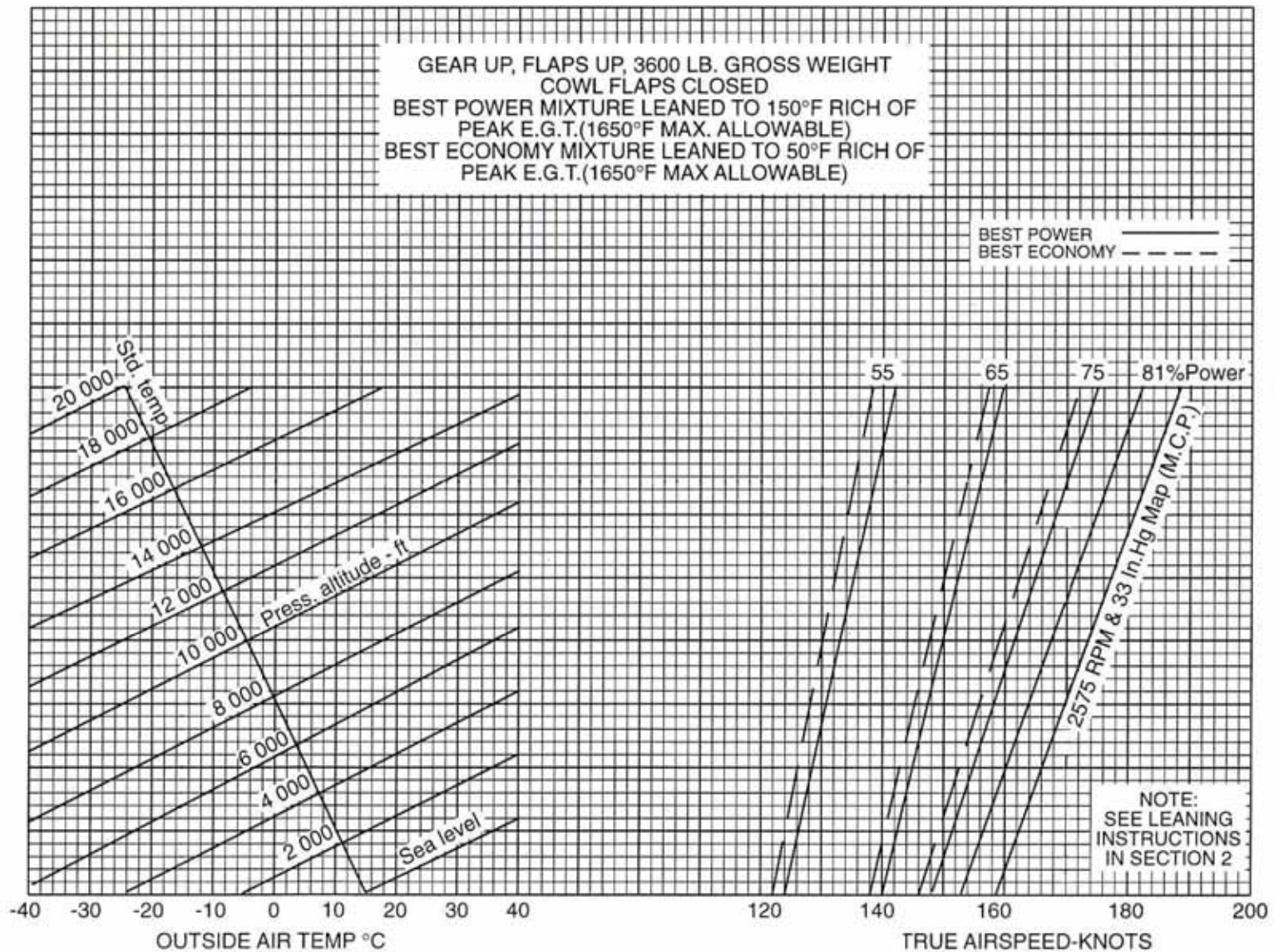
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APPENDIX C PA-32RT FUEL, TIME AND DISTANCE TO DESCEND



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APPENDIX D PA-32RT CRUISE PERFORMANCE CHART

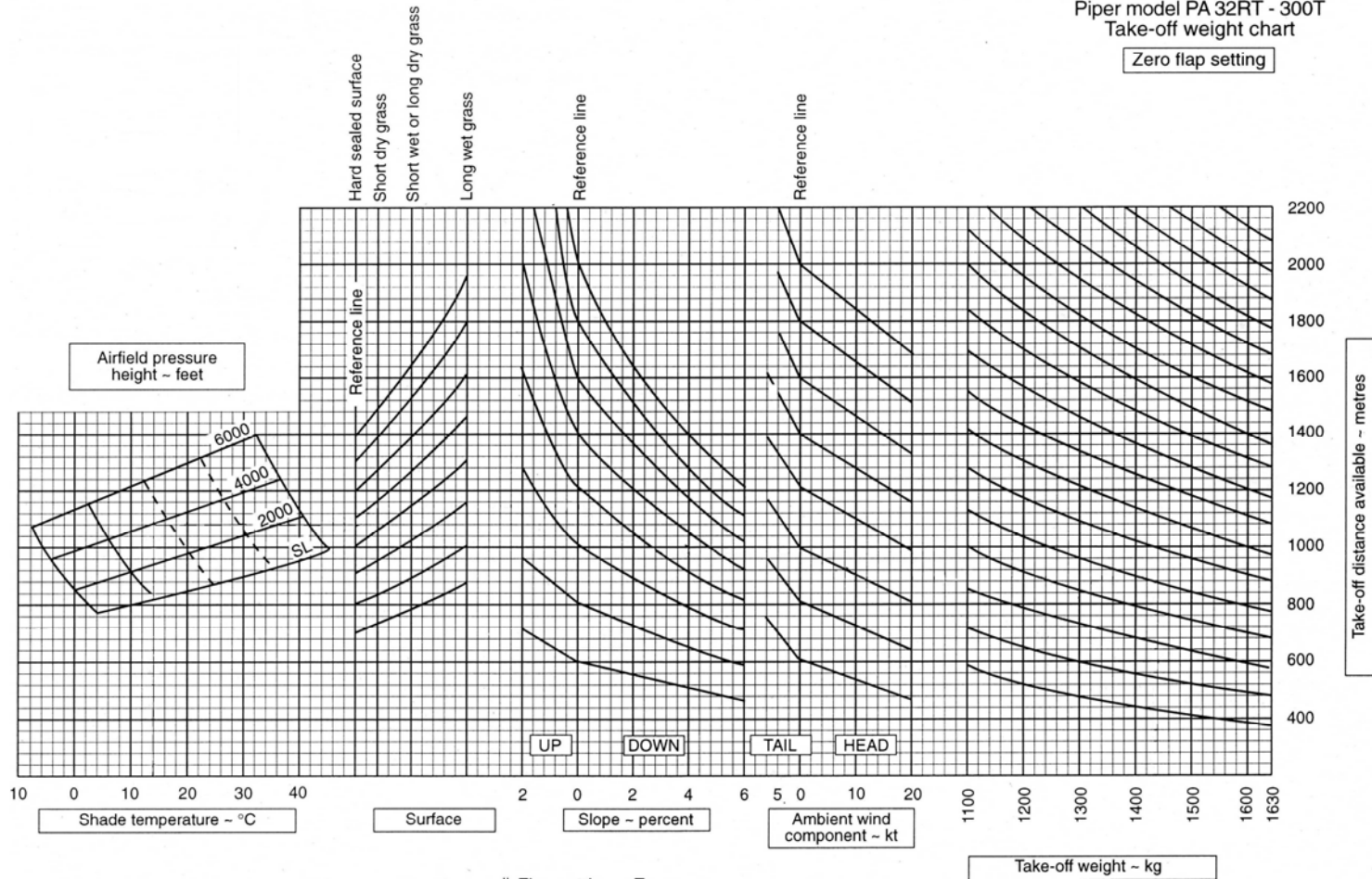


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APPENDIX E PA-32RT TAKE-OFF WEIGHT CHART

Piper model PA 32RT - 300T
Take-off weight chart

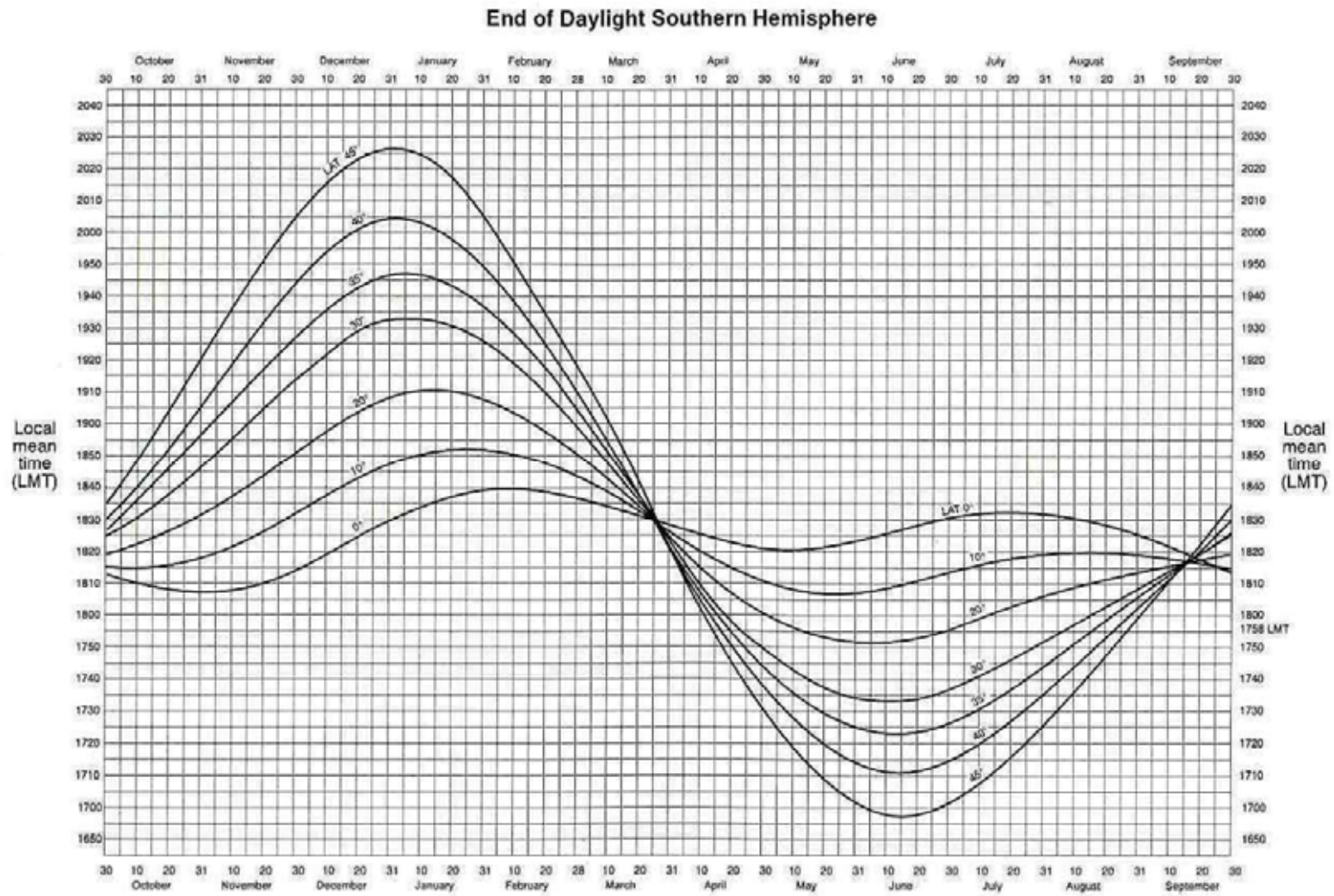
Zero flap setting



Flap setting ~ Zero
 Take-off safety speed 78 kt IAS
 Power setting ~ Take-off
 ~ RPM 2700
 Chart distance factor 1:15

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APPENDIX F END OF DAYLIGHT GRAPH



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APPENDIX G TIME - ARC CONVERSION

CONVERSION OF ARC TO TIME											
DEGREES					MINUTES						
Long Deg	Time		Long Deg	Time		Long Min	Time		Long Min	Time	
	Hours	Min		Hours	Min		Min	Sec		Min	Sec
110	7	20	140	9	20	0	0	00	30	2	00
111	7	24	141	9	24	1	0	04	31	2	04
112	7	28	142	9	28	2	0	08	32	2	08
113	7	32	143	9	32	3	0	12	33	2	12
114	7	36	144	9	36	4	0	16	34	2	16
115	7	40	145	9	40	5	0	20	35	2	20
116	7	44	146	9	44	6	0	24	36	2	24
117	7	48	147	9	48	7	0	28	37	2	28
118	7	52	148	9	52	8	0	32	38	2	32
119	7	56	149	9	56	9	0	36	39	2	36
120	8	00	150	10	00	10	0	40	40	2	40
121	8	04	151	10	04	11	0	44	41	2	44
122	8	08	152	10	08	12	0	48	42	2	48
123	8	12	153	10	12	13	0	52	43	2	52
124	8	16	154	10	16	14	0	56	44	2	56
125	8	20	155	10	20	15	1	00	45	3	00
126	8	24	156	10	24	16	1	04	46	3	04
127	8	28	157	10	28	17	1	08	47	3	08
128	8	32	158	10	32	18	1	12	48	3	12
129	8	36	159	10	36	19	1	16	49	3	16
130	8	40				20	1	20	50	3	20
131	8	44				21	1	24	51	3	24
132	8	48				22	1	28	52	3	28
133	8	52				23	1	32	53	3	32
134	8	56				24	1	36	54	3	36
135	9	00				25	1	40	55	3	40
136	9	04				26	1	44	56	3	44
137	9	08				27	1	48	57	3	48
138	9	12				28	1	52	58	3	52
139	9	16				29	1	56	59	3	56

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ACKNOWLEDGEMENTS

- Appendix A** Chart from: Airservices Australia. (1998) WAC Sydney 3456 (Ed. 17). Canberra: Airservices Australia.
- Appendix B** Chart PA-32RT Fuel, Time and Distance to Climb from: Yeo, M., Bowers, G., Bennett, K., (2001). Handbook of Flight (2nd ed.). Perth: WestOne Services.
- Appendix C** Chart PA-32RT Fuel, Time and Distance to Descend from: Yeo, M., Bowers, G., Bennett, K., (2001). Handbook of Flight (2nd ed.). Perth: WestOne Services.
- Appendix D** Chart PA-32RT Cruise Performance from: Yeo, M., Bowers, G., Bennett, K., (2001). Handbook of Flight (2nd ed.). Perth: WestOne Services.
- Appendix E** Chart PA-32RT Take-off Weight Chart from: Yeo, M., Bowers, G., Bennett, K., (2001). Handbook of Flight (2nd ed.). Perth: WestOne Services.
- Appendix F** Graph, End of Daylight from: Yeo, M., Bowers, G., Bennett, K., (2001). Handbook of Flight (2nd ed.). Perth: WestOne Services.
- Appendix G** Time-arc Conversion table from: Yeo, M., Bowers, G., Bennett, K., (2001). Handbook of Flight (2nd ed.). Perth: WestOne Services.

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