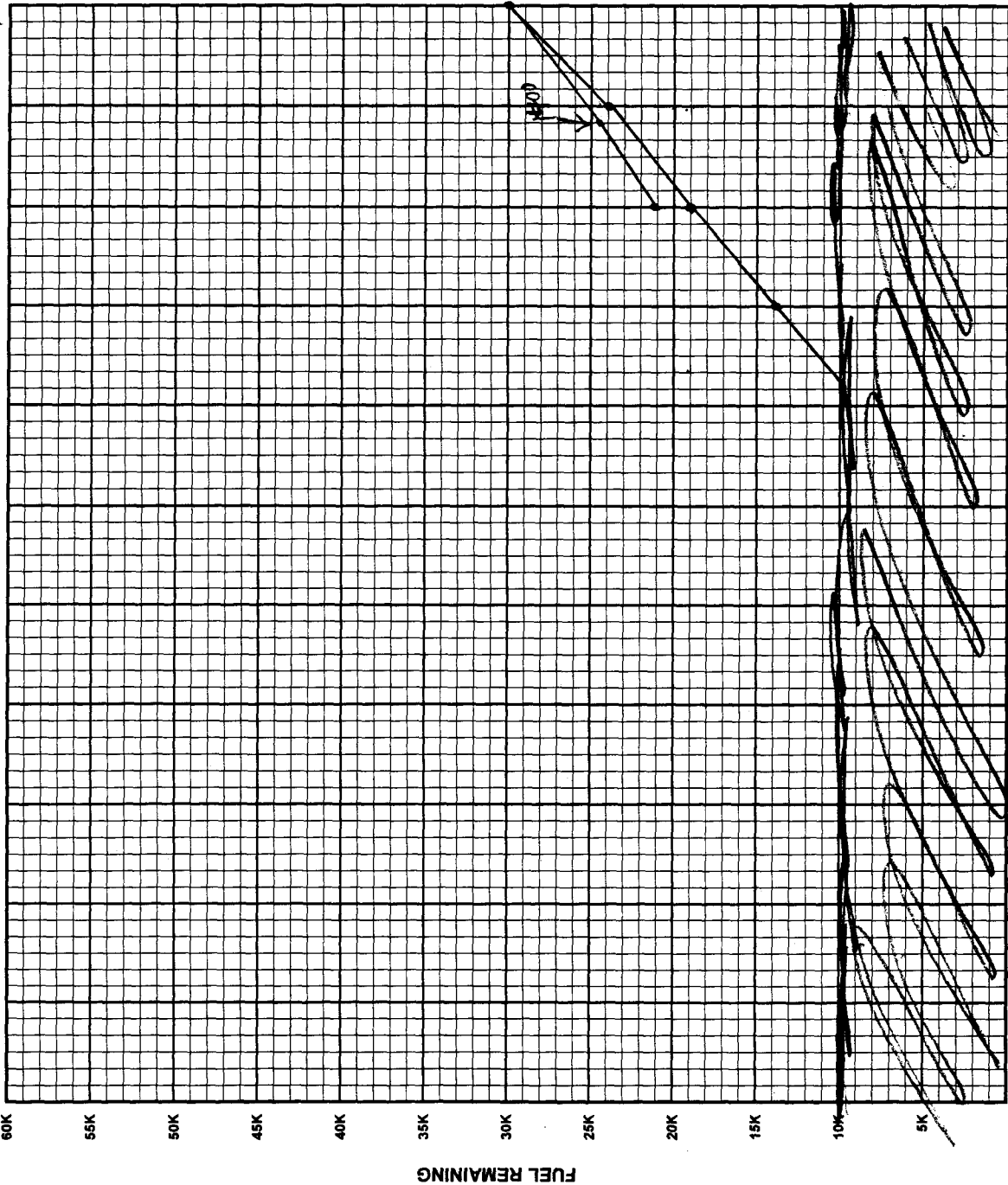


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RANGE CONTROL GRAPH

TIME REMAINING 11+00 10+00 9+00 8+00 7+00 6+00 5+00 4+00 3+00 2+00 1+00 1250



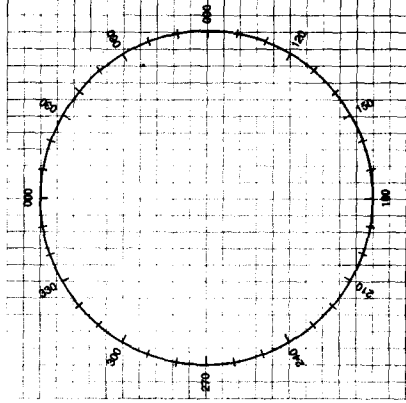
ENROUTE FUEL	
ENROUTE TIME	3+00
ENROUTE FUEL (6K 5K 4.5K RULE)	16K
RESERVE AT DESTINATION	10K
REQUIRED RAMP	26K
ACTUAL RAMP FUEL	

TACTICAL (OFFSTA TO DESTINATION)	
DISTANCE (OFFSTA TO DEST)	4 ENG 3 ENG
ENROUTE TIME (OFFSTA TO DEST)	
BURN RATE (LBS/HR)	4500 5500
ENROUTE FUEL REQUIRED	
RESERVE AT DESTINATION	
FUEL AT OFFSTA	

POINT OF SAFE RETURN	
ETP DISTANCE (TO DEPARTURE)	4 ENG 3 ENG
ENROUTE TIME (TO DEPARTURE)	
BURN RATE (LBS/HR)	4500 5500
FUEL REQUIRED	
RESERVE AT DEPARTURE	
PSR FUEL	

CEX - TRUE BEARING METHOD		CEX SIGHT	
COMPASS TYPE	INS1 INS2 WET	GMT	
MCH (READING)		GHA	
MTH (SEXTANT)		CORR	
CE		GHA	
-VAR		LONG W	
DEV		EXACT LHA	
		LAT	
		BODY	
		DEC	
		HG/D	
		CORR	
		HC	
		Z	
		ZN	

CEX - ERB METHOD	
COMPASS TYPE	INS1 INS2 WET
MERB (DIAL 000)	
+ ZN	
= MTH	
MCH (READING)	
CE	
-VAR	
= DEV	



WIND FACTOR		
WINDSPEED	HEADWIND	TAILWIND
10	1.03	.97
20	1.06	.94
30	1.10	.92
40	1.14	.89
50	1.18	.87
60	1.22	.85

DISTANCE REMAINING

ETP = .5(TOTAL DISTANCE x OUTBOUND WIND FACTOR)

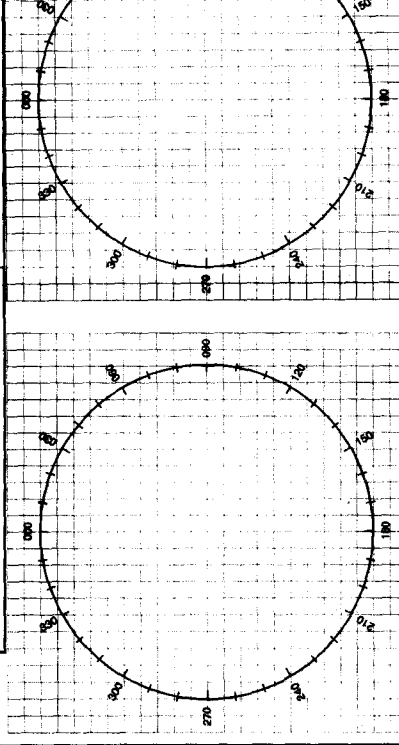
PRESS ALT		200	250	300	350
10,000	1.0	1.0	.99	.99	.99
20,000	.99	.99	.98	.97	.97
30,000	.97	.96	.95	.94	.94
40,000	.96	.94	.92	.90	.90

TRUE AIRSPEED CROSS-CHECK					
TIME	IAS	PRESS ALT	"F" FACTOR	EAS	OAT TAS ITAS

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(G) - GPS (H) - HNS (I) - RADIO (V) - VISUAL (C) - CELESTIAL (D) - DR

[illegible]