

OPERATING WT	ACFT NUMBER / TYPE		NAVIGATOR		EC-130 FLIGHT PLAN AND NAVIGATION LOG												DATE		
CARGO / PAX	FUEL PLAN		PILOT		CALL SIGN			FROM					TO					T/O TIME	
RAMP FUEL	PAGE		WPT	ROUTE	ALT	TAS	WIND	TC	VAR W+ /E-	MC	DCA	MH	ZONE DIST	TOTAL DIST	GS	ZONE TIME	TOTAL TIME	ETA RETA	ATA
RAMP WT.	DRAG																		
TAKEOFF WT.	TEMP DEV																		
TFF	TIME	FUEL																	
1. ENROUTE																			
2. RESERVE																			
3. ENROUTE PLUS RESERVE																			
4. ALTERNATE AND MISSED APPROACH																			
5. HOLDING																			
6. APPROACH AND LANDING																			
7. IDENTIFIED EXTRA																			
8. TOTAL TAKEOFF (3+4+5+6+7)																			
9. TAXI & RUN UP																			
10. REQUIRED RAMP (8+9)																			
11. ACTUAL RAMP																			
12. UNIDENTIFIED EXTRA																			
13. REQUIRED OVER DEST (4+5+6)																			
HIGHEST ACC FL	ENDURANCE (11-9)																		
A/R #1 ABORT																			
A/R #2 ABORT																			
ALTERNATE																			
NAVIGATOR SIGNATURE																			

PRESSURE PATTERN COMPUTATION											PRESSURE DIFFERENTIAL K FACTORS						ETP COMPUTATION			
TIME											LAT	K	LAT	K	LAT	K	LSAF		FSAF	
ABS ALT											20	63.0	32	40.5	44	31.0		TOTAL	1ST HALF	2ND HALF
PRESS ALT											21	60.0	33	39.5	45	30.5	DIST			
D2											22	57.5	34	38.5	47	29.5	TIME			
D1											23	55.0	35	37.0	49	28.5	WIND			
D2 - D1											24	53.0	36	36.5	51	28.0	FACTOR			
ETAS											25	51.0	37	35.5	53	27.0	DIST () NM = ETP () NM			
ZN	D2 - D1 ZN										26	49.0	38	35.0	55	26.0	GSR () + GSC () GSR ()			
MID LAT / K	ETAS = K										27	47.5	39	34.0	57	25.5	ETP () NM = () ETP TIME (T)			
COMPUTER FLIGHT PLANNED INFLIGHT FUEL MANAGEMENT											28	46.0	40	33.5	59	25.0	GSR ()			
A C T U A L	TIME										29	44.0	41	33.0	65	24.0	HEADING CALIBRATION			
	ALTITUDE										30	43.0	42	32.0	70	23.0	NOTES:			
	FUEL REM										31	42.0	43	31.5	75	22.0	TIME			
	FUEL FLOW																BODY			
	ETE TO WPT																GHA			
	(-) FUEL USED																CORR			
FUEL@ WPT																GHA				
P L A N	WAYPOINT															LONG				
	ETA TO WPT															LHA				
	FUEL @ WPT															DEC				
	(-) EXCESS															LAT				
	REQ FUEL															HC				
	EXTRA FUEL @ WP															ZN				
DEST ETE CORR															IRB					
EXTRA @ DEST															TH					
MANUAL INFLIGHT FUEL MANAGEMENT																	AIR SPEED CALIBRATION			
RETA DEST																TIME				
TIME																ALT				
GROSS WT																#1 DEV				
PAGE #																#1 CH				
FUEL REM																#2 DEV				
O/H FUEL																#2 CH				
DIFF																STBY DEV				
FUEL ETE																STBY CH				
ETE DEST																INS DEV				
EXT TIME																SCNS / INS				
TEMP DEV																#1 CORR				
																#2 CORR				

CELESTIAL COMPUTATION LOG

DATE		N		E		N		E		N		E		N		E	
D	LAT	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W
R	LONG																
TIME																	
BODY																	
GHA																	
CORR																	
SHA																	
GHA																	
ASSUM - W																	
LONG +E																	
LHA																	
ASSUM																	
LAT																	
DEC																	
TAB HC																	
C O R R	d																
	DEC																
HC																	
HS TIME																	
HS																	
	SEXT ERR																
	REF (-)																
	PA (+) / SD																
	TOTAL																
HO																	
INTERCEPT																	
ZN																	
CORIOLIS																	
P - N																	
REMARKS:																	