

FLT ID: 1000128	FM: KACF	TO: KSLC
FLT NO: 00~	BLK IN: 22:43Z	ATA: 2237Z
ETD: 1600Z	BLK OUT: 1618Z	ATD: 1631Z
ETE:	BLK TIME: 6:25	FLT TIME: 6:06
SPONSOR ORG: NSSL	PROGRAM: IPX	PURPOSE: Ferry to SLC

0A0 PERSONNEL

AC TENNESSEN	SYS ENG
CP O'MARA	DATA SYS PRADAS-BERGNES
NAV RATHBUN/ADLER	RADAR BARR
FE BAST/WADE	BT/ODW
RADIO SANS SOUCE	CLD PHYS
FD DAMIANO	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OA0

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
FLOYD	MELH	AOL

17 PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #) 23

30.32 BAL DW1 1658Z -9.5 1835 DW1

BAL DW2 1706Z 1839 DW1

DW2 OK 171330+ in precip

when in precip DW2 Flaky all flt

bad out of precip

Radon down twice TT2 & TT1 @ 360 mib

CRK JLV

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OAOWF2 FILE

FLT ID: *I000128* TIME OFF: *1631Z* TIME ON: *2237Z*

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	<i>1026.7</i>	<i>30.32</i>	<i>879.2</i>	<i>30.30</i>

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

FAST FLT LVL TAPES

RADAR TAPES

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

AXBT

AXCP

ODW

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

162304Z sydown 162418Z IAV card
162355Z sy up

I000128

11197

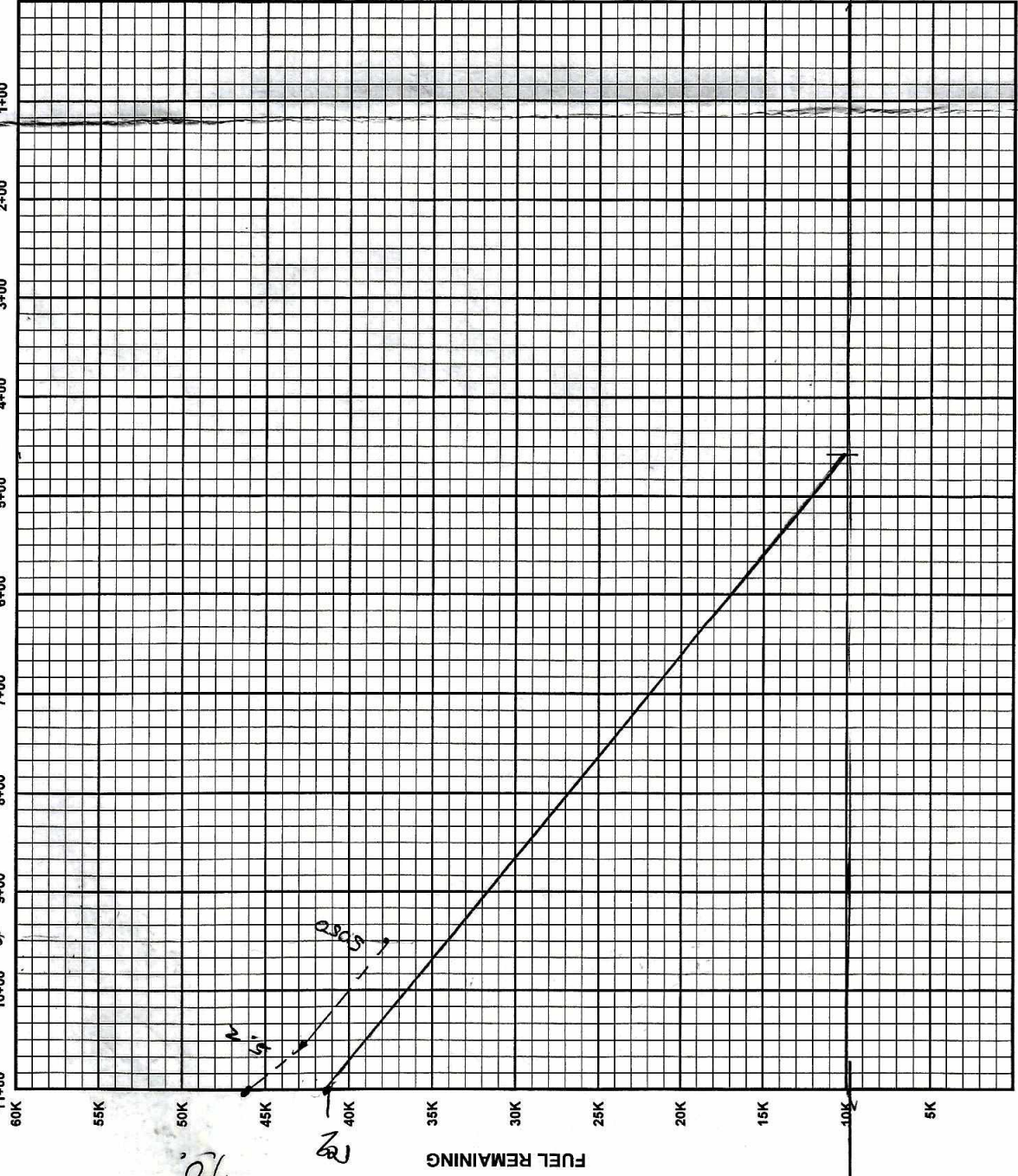
40.46

TIME	LAT	LOU	TRK	HD	WD	WS	TA	TD	PA	GA	SP	PS			PQ
163300	2753	8226	81	80	96	23	11.7	6.0	383	493	1026.8	958.1	CLD	ABV	65.5
164200															
170400	2935	8325	319	315	248	31	-15.7	-17.2	5111	5703	1022.5	504.3	INC	LD	95.7
171330															
172600	3057	8441	320	315	264	40	-16.9	-18.4	5515	5629	1014.3	504.1	RW	CLD	97.2
181100	3352	8704	328	320	253	53	-24.1	-25.5	6107	6115	1011.6	464.9	ABV	CLD	94.2
184000	3555	8843	325	317	246	49	-25.7	-24.5	6120	6043	1006.4	464.1	ABV	CLD	96.7
191200	3748	9058	282	279	240	31	-26.9	-30.2	6108	5748	977.7	464.8	ABV	CLD	96.3
194300	3822	9414	283	281	216	14	-33.6	-30.6	6744	6423	989.2	425.6	ABV	CLD	92.8
205600	3929	10206	278	277	252	23	-45.6	-40.7	7354	6018	898.2	390.5	ABV	CLD	93.6
213500	3956	10618	279	284	319	36	-44.2	-41.9	7955	5403	756.2	358.3	ABV	THNCLD	81.4
220500	4008	10931	280	289	338	54	-44.6	-41.3	7954	6393	863.1	358.4	CLR		82.2

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



FUEL REMAINING

→ KPM
→ WL

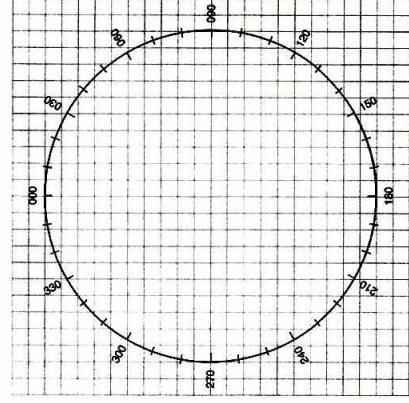
ENROUTE FUEL	
ENROUTE TIME	
ENROUTE FUEL (6K SK45K RULE)	
RESERVE AT DESTINATION	
REQUIRED RAMP	2750
ACTUAL RAMP FUEL	4600

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

POINT OF SAFE RETURN	
ETP DISTANCE (TO DEPARTURE)	
ENROUTE TIME (TO DEPARTURE)	
BURN RATE (LBS/HR)	4500
FUEL REQUIRED	5500
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 -E	
DEV				EXACT LHA	
				LAT	
				BODY	
				DEC	
				HC/D	
				CORR	
				HC	
				Z	
				ZN	

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



4051
167.8

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	1.0	.99	.99
20,000	.99	.99	.98	.97	.97
30,000	.97	.96	.96	.95	.94
40,000	.96	.96	.94	.92	.90

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

49.9/5200\$ 1705 ✓ 1705
1631
34
32.9/5.2 = 6+20
23-25

500 2 3

POSITION REPORT

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND
FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON
ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND
FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON
ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

UHF/VOICE	VHF/VOICE	MF/VOICE	HF/CW	MF/CW
243.0	121.5	2182 KHZ	8364 KHZ	500 KHZ

MAYDAY, MAYDAY, MAYDAY

- POSITION N

- HEADING _____ TRUE/MAG _____

- AT _____ KTS TRUE/INDICATED

- FLIGHT LEVEL OR ALTITUDE -

- WE ARE A P-3 AIRCRAFT WITH _____ SOULS ON BOARD
NATURE OF EMERGENCY

- NATURE OF EMERGENCY
- ASSISTANCE DESIRED

- PILOT INTENTIONS

[illegible]