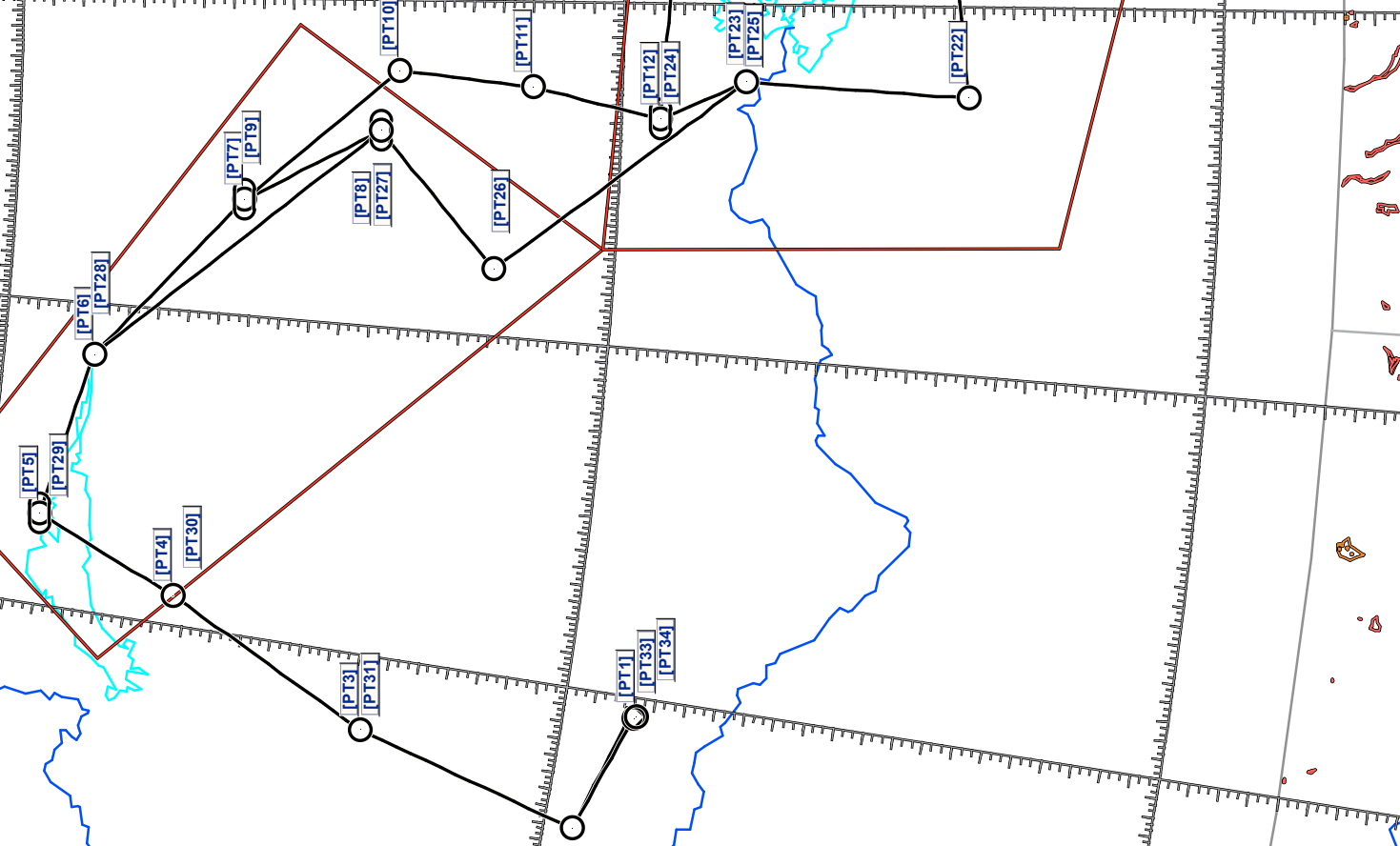


NASA 817

NASA 817

1400 1300 1200 1100 1000 900 800 700 600 500 400 300 200 100 0



DATE:	ORG: NASA	DIV: DFRC	CREW: ARCTAS SUMMER	A/C TYPE: DC-8-72	A/C#: N817NA							
PILOT: BROCKETT	CO-PILOT: FULLER	FE: BAKER	NAV: MAGNUSSON	CS: NASA 817								
<p>Takeoff Time (Z) : 19:00.0 Land Time (Z) : Sched Duration : 09+05.7 Fuel On Board : 09+49 Fuel Reserve : 00+43 Remarks :</p> <p>Fuel Load : 130000 Fuel Used : 113808 Acft CG : % Acft Gross WT : 320000</p>												
<p>FLIGHT INFORMATION</p>												
TP# NVAD RADDME	TAC VOR	LAT LONG	TRK DCA TH	W/V VAR	MC CH	TEMP ALT	IAS MACH	TAS GS	GDST ACDST	TIME ACTIME	ETA	ATA
1 PT1	CYOD 31R/RW COLD LAKE GRO	N 54 23.47 W110 16.18	324 0	324 14.6E	309 309	+11C 1775M			5.0 00+02.0 5.0 00:02.0		19:00.0	
	.level off	N 54 39.58 W111 27.10	287 0	287 15.4E	272 272	-20C 17500M	N/A	N/A	40.2 00+07.8 45.2 00:09.8		19:09.8	
2 PT2	YLB/N LAC LA BICHE	N 54 45.40 W112 00.20	287 0	287 15.8E	271 271	-20C 17500M	.56	350	20.1 00+03.4 65.3 00:13.2		19:13.2	
3 PT3	YMM/E 057X FORT MCMURRAY	N 56 38.83 W111 07.33	015 0	015 15.7E	359 359	-20C 17500M	.56	350	117.5 00+20.2 182.8 00:33.3		19:33.3	
4 PT4	3X/N CLUFF LAKE	N 58 21.62 W109 31.50	027 0	027 15.1E	011 011	-20C 17500M	.56	350	115.3 00+19.8 298.0 00:53.1		19:53.1	
5 PT5	YBE/N URANIUM CITY	N 59 33.30 W108 31.05	024 0	024 14.6E	009 009	-20C 17500M	.56	350	78.4 00+13.4 376.4 01:06.5		20:06.5	
6 PT6	YSF/N STONY RAPIDS	N 59 15.33 W105 50.17	102 0	102 12.1E	089 089	-20C 17500M	.56	350	84.2 00+14.4 460.6 01:21.0		20:21.0	
7 PT7	ZWL/N WOLLASTON LAK	N 58 06.48 W103 10.77	130 0	130 9.3E	119 119	-20C 17500M	.56	350	108.1 00+18.5 568.7 01:39.5		20:39.5	
8 PT8	.auto delay	N 57 00.00 W102 00.00	150 0	150 8.0E	142 142	-20C 17500M	.56	350	76.8 00+13.2 645.5 01:52.7		20:52.7	
9 PT9	ZWL/N WOLLASTON LAK	N 58 06.48 W103 10.77	330 0	330 9.3E	322 322	-20C 17500M	.56	350	0.0 00+06.2 645.5 01:58.8		20:58.8	
10 PT10	YYL/E 073X LYNN LAKE	N 56 51.85 W101 04.52	138 0	138 7.1E	130 130	-20C 17500M	.56	350	76.8 00+13.2 722.2 02:12.0		21:12.0	
									101.2 00+17.4 823.4 02:29.4		21:29.4	



TP# UNS ID	NAVAD REMARKS	RADDME TAC VOR	LAT LONG	TRK	DCA	TH	W/V	VAR	MC CH	TEMP ALT	IAS MACH	TAS GS	GDST ACDST	TIME ACTIME	ETA	ATA
11	R5/N		N 55 44.95 W101 15.68	185	0	185	7.4E	178	178	-20C 17500M	.56	350	67.3 00+11.5 890.7	02:40.9	21:40.9	
12	FO/N		N 54 40.52 W101 40.15	192	0	192	7.8E	185	185	-20C 17500M	.56	350	66.1 00+11.3 956.8	02:52.2	21:52.2	
13	W4/N		N 54 31.20 W098 02.60	094	0	094	4.1E	088	088	-20C 17500M	.56	350	126.9 00+21.8 083.6	03:14.0	22:14.0	
14	YIV/N		N 53 51.23 W094 39.20	109	0	109	0.6E	106	106	-20C 17500M	.56	350	126.0 00+21.6 209.6	03:35.6	22:35.6	
15	ZSJ/N		N 53 04.10 W093 20.66	135	0	135	0.6W	135	135	-20C 17500M	.56	350	66.6 00+11.4 276.2	03:47.0	22:47.0	
16	ZRJ/N		N 52 56.94 W091 19.44	096	0	096	2.8W	097	097	-20C 17500M	.56	350	73.6 00+12.6 349.8	03:59.6	22:59.6	
17	2M/N		N 52 36.18 W090 22.47	121	0	121	3.7W	124	124	-20C 17500M	.56	350	40.4 00+06.9 390.2	04:06.5	23:06.5	
18	YPL/N		N 51 26.52 W090 13.34	175	0	175	3.4W	179	179	-20C 17500M	.56	350	70.0 00+12.0 460.1	04:18.5	23:18.5	
19	YMY/N		N 50 43.25 W093 22.73	250	0	250	0	252	252	-20C 17500M	.56	350	127.0 00+21.8 587.2	04:40.3	23:40.3	
20	4B/N		N 52 02.65 W095 27.71	315	0	315	1.9E	315	315	-20C 17500M	.56	350	111.6 00+19.1 698.8	04:59.4	23:59.4	
21	YBY/N		N 52 21.25 W097 01.47	288	0	288	3.4E	285	285	-20C 17500M	.56	350	60.6 00+10.4 759.4	05:09.8	00:09.8	
22	N4/N		N 52 06.92 W101 14.10	265	0	265	7.4E	259	259	-20C 17500M	.56	350	156.0 00+26.7 915.3	05:36.5	00:36.5	
23	YQD/E	083X	N 53 58.42 W101 06.00	003	0	003	7.3E	355	355	-20C 17500M	.56	350	111.8 00+19.2 027.1	05:55.7	00:55.7	
24	FO/N		N 54 40.52 W101 40.15	335	0	335	7.8E	327	327	-20C 17500M	.56	350	46.7 00+08.0 073.8	06:03.7	01:03.7	
25	YQD/E	083X	N 53 58.42 W101 06.00	155	0	155	7.3E	147	147	-20C 17500M	.56	350	46.7 00+08.0 120.5	06:11.7	01:11.7	
26	YVC/E028066	070X	N 56 00.00 W104 00.02	321	0	321	10.0E	312	312	-20C 17500M	.56	350	157.7 00+27.0 278.2	06:38.7	01:38.7	

TP# UNS ID	NAVAD REMARKS	RADDME TAC VOR	LAT LONG	TRK	DCA	TH	W/V	VAR	MC CH	TEMP ALT	IAS MACH	TAS GS	G DST ACDST	TIME ACTIME	ETA	ATA
27 PT27	YYL/E278031 112.60	073X 112.60	N 57 00.00 W102 00.00	048	0	048	8.0E	039	039	-20C 17500M	.56	350	350	89.7 00+15.4 367.8 06:54.1	01:54.1	
28 PT28	Y5F/N STONY RAPIDS	287.00	N 59 15.33 W105 50.17	318	0	318	12.1E	308	308	-20C 17500M	.56	350	350	182.4 00+31.3 550.3 07:25.4	02:25.4	
29 PT29	YBE/N URANIUM CITY	379.00	N 59 33.30 W108 31.05	282	0	282	14.6E	269	269	-20C 17500M	.56	350	350	84.2 00+14.4 634.4 07:39.8	02:39.8	
	.auto delay		N 59 33.30 W108 31.05	282	0	282	14.6E	268	268	-20C 17500M	.61	380	380	0.0 00+11.8 634.4 07:51.6	02:51.6	
30 PT30	3X/N CLUFF LAKE	243.00	N 58 21.62 W109 31.50	204	0	204	15.1E	189	189	-20C 17500M	.56	350	350	78.4 00+13.4 712.8 08:05.0	03:05.0	
31 PT31	YMM/E FORT MCMURRAY	057X 112.00	N 56 38.83 W111 07.33	207	0	207	15.8E	191	191	-20C 17500M	.56	350	350	115.3 00+19.8 828.1 08:24.8	03:24.8	
32 PT32	YLB/N LAC LA BICHE	272.00	N 54 45.40 W112 00.20	195	0	195	15.7E	179	179	-20C 17500M	.56	350	350	117.5 00+20.2 945.6 08:44.9	03:44.9	
33 PT33	UOD/T COLD LAKE	082X	N 54 24.52 W110 17.75	109	0	109	14.6E	094	094	-20C 17500M	.56	350	350	63.2 00+10.8 008.8 08:55.7	03:55.7	
34 PT34	CYOD 31R/RW COLD LAKE GRO		N 54 23.47 W110 16.18	139	0	139	14.6E	124	124	+11C 1775M				1.4 00+10.0 010.2 09:05.7	04:05.7	