Date:	13 Jun 96	Time UT to Local Subtract	OPEN SKIES OVERFLIGHT DATA COLLECTION LONG	Latitude:	
Site:	W-Patt	4 Hours		Longitude:	
Operator:	Bruce		PAGE 1 OF 3	Elevation:	3.14/.98

TIME (UT)	STD	BAR	SPACE	RWY	GRASS					RATIO %	BAR %	SPACE %	RWY %	GRASS %	over fgt	general	ILLUMIANCE Lux	
	(Photometer Measurement Units - Luminance- cd/M2)																	
1500	17060	7504	1363	5116	1363					5.5	44.0	8.0	30.0	8.0	CLR	hz	17600	563918
1311	18100	7276	1861	5467	764.6					5.4	40.2	7.5	30.2	4.7	"	hz	19140	61326.1
1317	19430	7797	1473	5844	398.1					5.3	40.1	7.6	30.1	2.0	"	hz	19920	63825.3
1322	20170	8197	1622	6148	1155					5.1	40.7	8.0	30.5	5.7	"	"	20920	67029.4
1328	21290	8750	1807	6257	643.1				X	4.8	41.1	8.5	29.4	3.0	"	"	21850	70009.2
1335	21520	8501	1354	7234	1358					6.3	39.5	6.3	33.6	6.3	"	"	22480	72027.8
1340	22550	8769	1662	7263	1320					5.3	38.9	7.3	32.2	5.8	"	"	22750	72892.9
1347	23550	9346	1711	7638	763.6					5.4	39.7	7.3	32.4	3.2	"	"	23960	76769.8
1353	23700	9757	1755	7761	1211					5.6	41.2	7.4	32.7	5.1	"	"	24600	78820.4
1358	23590	9394	1660	8034	1052					5.7	39.8	7.0	34.1	4.5	"	"	25090	80390.5
1419	27200	11240	1758	7542	1739		gH. chg			6.4	41.5	6.5	27.7	6.4	"	"	27930	89490.0
1425	26560	11560	2136	7398	1966					5.4	43.5	8.0	27.9	7.4	"	"	27740	88881.2
1431	28290	11500	2044	8149	1402					5.7	40.7	7.2	28.8	5.0	"	"	28600	91636.7
1437	23810	12480	1991	6937	1754					6.2	52.4	8.4	29.1	7.4	"	"	24810	79493.3
1443	29390	11310	1999	9933	1721					5.7	38.5	6.8	33.8	5.9	"	"	29430	94296.1
1501	31380	13090	2342	7255	1318					5.6	41.7	7.5	23.1	4.2	"	SC	30480	97660.4
1507	31650	13140	2608	7205	1478					5.1	41.5	8.2	22.8	4.5	"	"	32330	103588.0
1512	33200	13990	2706	9559	1252					5.1	42.1	8.2	28.8	3.8	"	"	32500	104132.7
1519	35520	15140	2589	11460	1158		shadow over fgt		X	5.8	42.6	7.3	32.3	3.3		"	34780	111438.0
1523	10400	4200	774.8	3149	325.8		obscured		X	5.4	40.4	7.5	30.3	3.1	"	"	10590	33931.2
1328	36900	14900	2668	10420	2986		thin clouds			5.6	40.4	7.2	28.2	8.1	"	hc BKN	36930	118326.7
1333	10940	4730	892.6	--	--		obscured		X	5.3	43.2	8.2	--	--	"	" "	--	
1338	35360	14950	2793	10370	2419					5.4	42.3	7.9	29.3	6.8	CLR	" "	37660	120665.7
1343	37630	16240	2590	9400	2308		obscured		X	6.3	43.2	6.9	25.0	6.1	hc	" "	37930	121530.8
1349	36670	16160	2686	9405	1154		shadow		X	6.0	44.1	7.3	25.6	3.1	hc	" "	36180	115923.7

Date:	Time UT to Local Subtract	OPEN SKIES OVERFLIGHT DATA COLLECTION LONG	Latitude:	
13 Jun 96				
Site: W-Patt			Longitude:	
Operator: Bruce	4 Hours	PAGE 2 OF 3	Elevation:	3/14/98

TIME (UT)	STD	BAR	SPACE	RWY	GRASS					RATIO %	BAR %	SPACE %	RWY %	GRASS %	ISI	general	ILLUMIANCE Lux	
	(Photometer Measurement Units - Luminance- cd/M2)																	
1554	14160	6146	974.9	3779	1067			obscured	X	6.3	43.4	6.9	26.7	7.5	hc	hc, BKN	14100	45177.6
1600	21020	6760	1024	4673	--					6.6	32.2	4.9	22.2	--	hz	" "		
1606	13380	5513	989.2	4291	633.4			offset too close	X	5.6	41.2	7.4	32.1	4.7	"	" "	12800	41012.2
1612	16220	5888	1102	5094	472.9					5.3	36.3	6.8	31.4	2.9	"	" "	13750	44036.1
1618	32070	13370	2663	5083	548.9					5.0	41.7	8.3	15.8	1.7	CLR/hz	" "	33500	107336.7
1624	10490	5023	8270	3406	809.1					6.1	47.9	7.9	32.5	7.7	hc	" "	10990	352129
1631	40910	16870	2694	11190	1911			partial shadow	X	6.2	41.2	6.6	27.4	4.7	shadow	" "	34410	110232.4
1637	39380	17010	2699	12530	1699					6.3	43.2	6.9	31.8	4.3	CLR	" "	39830	127618.6
1642	37350	15610	2983	9641	1754			shadow over pt		5.2	41.8	8.0	25.8	4.7	shadow	" "	38100	122075.5
1648	39860	16240	3240	13180	2263			"		5.0	40.7	8.1	33.1	5.5	"	" "	40400	129444.9
1653	36840	15340	2882	12620	1534			"		5.3	41.6	7.8	34.3	4.2	"	" "	37800	121114.3
1659	38880	16940	3018	10200	1019					5.6	43.6	7.8	26.2	2.6	CLR	" "	38720	124062.0
1705	39190	16790	3191	11810	1982					5.3	42.8	8.1	30.1	5.1	CLR	" "	38600	121755.1
1712	13040	6814	1227	3870	--			obscured	X	5.6	52.3	7.4	29.7	--	BKN	" "	13760	42486.1
1717	39050	18460	3216	10870	2736					5.8	47.3	8.2	27.8	7.0	CLR	" "	39500	126561.2
1723	39970	16520	2518	11400	3171					6.5	41.3	6.3	28.5	7.9	"	" "	39940	127971.0
1729	41330	17670	3067	13060	1742			partial obsc.		5.8	42.8	7.4	31.6	4.2	SCT	" "	40590	130053.7
1735	39990	17650	3183	11480	1589					5.5	44.1	8.0	28.7	4.0	SCT	" "	39270	125824.3
1740	40470	16900	3039	11150	1858					5.6	41.8	7.5	27.6	4.6	"	" "	40420	129509.0
1746	18790	7982	1269	6424	--			obscured	X	6.2	42.4	6.8	34.2	--	BKN	" "	19290	61806.7
1751	39050	17120	3144	12910	1252			slight haze		5.4	43.8	8.1	33.1	3.2	CLR	" "	39320	125984.5
1756	38970	16670	3093	11720	2018			" "		5.4	42.8	7.9	30.6	5.2	"	" "	38910	124670.8
1802	37350	16080	3036	11570	1709					5.3	43.1	8.1	31.0	4.6	"	" "	36350	116404.3
1808	13170	5520	1017	4368	590.4			shadow		5.4	41.9	7.7	33.2	4.5	BKN	" "	15000	41653.1
1814	12270	5616	1124	4270	567.1			shadow		5.1	46.8	9.2	34.8	4.6	BKN		12990	41621.0

Dennis 74973/5129

Date: 13 Jan 96	Time UT to Local Subtract 4 Hours	OPEN SKIES OVERFLIGHT DATA COLLECTION LONG	Latitude:
Site: W-Patt			Longitude:
Operator: Bruce		PAGE 3 OF 3	Elevation: 3.14/.58

TIME (UT)	STD	BAR	SPACE	RWY	GRASS					RATIO %	BAR %	SPACE %	RWY %	GRASS %	tst	General	ILLUMIANCE Lux	
	(Photometer Measurement Units - Luminance cd/M2)																	
1821	38900	15870	2975	12048	2299		Shadow	over tst		54	40.8	7.6	31.0	5.9	CLR	BKN	38600	123677.6
1835	17060	7110	1247	4304	1109		thin ovc			5.7	41.7	7.3	25.2	6.5	thin OVC	"	14900	47740.8
1844	27140	12520	2018	7652	1926		"			6.2	46.1	7.4	28.2	7.1	"	"	26970	86414.1
1849	26420	11930	2220	7063	1217		"			5.4	45.2	8.4	26.7	4.6	"	"	25940	83113.9
1854	36350	16430	2849	12760	2185		CLR			5.8	45.2	7.8	35.1	6.0	CLR	SCT	38530	123453.3
1900	37760	16160	3215	11280	2470		CLR			5.0	42.8	8.5	29.9	6.5	"	"	38990	