Date:	22 FEB 96	Time UT to Local Subtract	OPEN SKIES OVERFLIGHT DATA COLLECTION LONG	Latitude:	345003N
Site:	AS EAFB			Longitude:	1174535W
Operator:	PAINE	8 Hours	PAGE 1 OF 1	Elevation:	2550' MSL

TIME (UT)	STANDARD Read	STANDARD Mult	STANDARD Value	BAR Read	BAR Mult	BAR Value	SPACE Read	SPACE Mult	SPACE Value	BACKGROUND Read	BACKGROUND Mult	BACKGROUND Value	RATIO	BAR % R	SPACE % R	BKGD % R	ILLUMIANCE LUM ÷ R Foot Candles	
	(Photometer Measurement Units - Luminance (Foot Lamberts))																	
2132	3.44	2	344	2.62	2	262	2.99	1	29.9	10.0	1	100	9.5	76	8	29	344	351
2139	4.25	2	425	2.71	2	271	3.36	1	33.6	10.2	1	102	7.8	63	8	24	425	437
2146	4.10	2	410	2.80	2	280	3.20	1	32.0	10.5	1	105	8.5	68	8	25	410	418
2153	5.0	2	500	2.43	2	243	3.20	1	32.0	9.5	1	95	8.1	49	6	19	500	510
2201	3.20	2	320	2.60	2	260	2.92	1	29.2	10.0	1	100	9	81	9	31	320	326
2207	2.17	2	217	12.70	1	127	2.46	1	24.6	14.35	1	143.5	5	56	11	66	217	221
2213	2.30	2	230	12.20	2	122	2.05	1	20.5	14.30	1	143.0	5.8	53	9	62	230	235
2224	2.14	2	214	10.93	1	109.3	2.38	1	23.8	14.30	1	143.0	4.6	51	11	66	214	218
2232	6.91	2	691	4.07	2	407	4.01	1	40.1	—	—	—	9.6	58	6	—	691	705
2240	6.05	2	605	2.56	2	256	4.98	1	49.8	11.20	1	112.0	5.25	42	8	18	605	617
2247	5.45	2	545	2.97	2	297	4.44	1	44.4	10.42	1	104.2	6.75	54	8	19	545	556
2254	5.33	2	533	2.93	2	293	4.51	1	45.1	10.5	1	105	6.75	54	8	19	533	544
2301	2.12	2	212	15.01	1	150	2.60	1	26.0	10.21	1	102.1	5.8	70	12	47	212	216
2308	3.15	2	315	11.98	2	119.8	2.04	1	20.4	14.30	1	143.0	6.3	38	6	45	315	321
2320	3.35	2	335	2.45	2	245	3.82	1	38.2	11.25	1	112.5	7.5	73	11	33	335	342

CLOUD COVER THROUGHOUT THE MISSION OBSCURED DIRECT SUNLIGHT FROM ILLUMINATING THE TARGET. THUS THERE IS A HIGH FLUCTUATION IN THE VALUES OBTAINED. MEASUREMENT OF THE BACKGROUND INCLUDED SAND, SAGEBRUSH, AND THE TRI DENSITY AREA.

ILLUMINANCE WAS DETERMINED BY TAKING THE LUMINANCE OF THE STANDARD AND DIVIDING BY THE CALIBRATED REFLECTANCE LEVEL OF .98

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Site:	AS EAFB			Longitude:	1174535W
Operator:	PAINE	8 Hours	PAGE 1 OF 1	Elevation:	2550' MSL

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	(Photometer Measurement Units - Luminance (Foot Lamberts))																	
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2146	4.10	2	410	2.80	2	280	3.20	1	32.0	10.5	1	105	8.5	68	8	25	410	418
2153	5.0	2	500	2.43	2	243	3.20	1	32.0	9.5	1	95	8.1	49	6	19	500	510
2201	3.20	2	320	2.60	2	260	2.92	1	29.2	10.0	1	100	9	81	9	31	320	326
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2232	6.91	2	691	4.07	2	407	4.01	1	40.1	—	—	—	9.6	58	6	—	691	705
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