

VAN NUYS AIRPORT

GPS COORDINATE CONTROL -- NAD83 AND NAVD88 VALUES

HORIZONTAL DATUM: North American Datum of 1983 (NAD83 1994.9)

PLANE COORDINATES: California Coordinate System of 1983, Zone 5

VERTICAL DATUM: North American Vertical Datum of 1988 (NAVD88 1994 Adjustment)

STATION	LATITUDE	LONGITUDE	METERS			US SURVEY FEET			CONVERGENCE	COMBINED FACTOR
			NORTHING	EASTING	ELEVATION	NORTHING	EASTING	ELEVATION		
0015	N34°17'30.03826"	W118°29'17.62923"	587925.967	1955051.936	396.025	1928887.110	6414199.560	1299.292	-0°16'41.869570"	0.99989192
0148	N34°08'52.32937"	W118°19'51.06711"	571915.477	1969488.128	157.636	1876359.361	6461562.300	517.177	-0°11'18.922422"	0.99995241
0177	N34°11'41.89380"	W118°29'00.35761"	577196.998	1955442.031	224.850	1893687.151	6415479.397	737.695	-0°16'32.024539"	0.99993362
0193	N34°12'46.26834"	W118°29'02.27332"	579180.706	1955402.534	238.293	1900195.366	6415349.814	781.800	-0°16'33.116517"	0.99992856
1000	N34°12'04.20056"	W118°29'24.79969"	577887.332	1954819.603	230.170	1895952.022	6413437.314	755.149	-0°16'45.956816"	0.99993175
1001	N34°11'49.01038"	W118°29'23.36500"	577419.121	1954854.051	226.973	1894415.899	6413550.332	744.661	-0°16'45.139029"	0.99993295
1002	N34°11'49.16414"	W118°29'20.99123"	577423.563	1954914.847	227.259	1894430.473	6413749.794	745.599	-0°16'43.785951"	0.99993291
1003	N34°11'49.22349"	W118°29'20.10428"	577425.281	1954937.564	227.055	1894436.109	6413824.325	744.930	-0°16'43.280379"	0.99993293
1004	N34°12'53.11406"	W118°29'29.42194"	579395.004	1954708.640	240.776	1900898.442	6413073.263	789.946	-0°16'48.591553"	0.99992786
1005	N34°13'08.11900"	W118°29'27.55838"	579857.095	1954758.599	244.202	1902414.486	6413237.170	801.186	-0°16'47.529303"	0.99992665
1006	N34°13'08.35217"	W118°29'23.99451"	579863.834	1954849.852	243.743	1902436.595	6413536.556	799.680	-0°16'45.497855"	0.99992670
1007	N34°13'09.04449"	W118°29'23.52960"	579885.107	1954861.855	243.953	1902506.389	6413575.936	800.369	-0°16'45.232851"	0.99992664
1008	N34°13'08.06218"	W118°29'28.44710"	579855.455	1954735.843	244.462	1902409.105	6413162.512	802.039	-0°16'48.035883"	0.99992661
1009	N34°13'08.54361"	W118°29'21.08689"	579869.370	1954924.301	243.430	1902454.758	6413780.811	798.653	-0°16'43.840478"	0.99992675
1010	N34°12'42.55417"	W118°29'18.62987"	579068.292	1954983.297	237.826	1899826.555	6413974.367	780.267	-0°16'42.439947"	0.99992880
1011	N34°11'49.88945"	W118°29'16.97571"	577445.411	1955017.761	226.782	1894502.153	6414087.438	744.034	-0°16'41.497057"	0.99993294
1012	N34°11'38.04208"	W118°29'24.71837"	577081.341	1954817.754	224.385	1893307.700	6413431.248	736.170	-0°16'45.910464"	0.99993387
1013	N34°11'38.03501"	W118°29'32.57699"	577082.107	1954616.550	224.586	1893310.213	6412771.131	736.829	-0°16'50.389970"	0.99993384
1014	N34°12'04.19438"	W118°29'32.60486"	577888.118	1954619.784	229.723	1895954.600	6412781.741	753.683	-0°16'50.405857"	0.99993182
1015	N34°11'38.06165"	W118°29'01.97669"	577079.123	1955400.010	224.203	1893300.423	6415341.533	735.573	-0°16'32.947436"	0.99993390
1016	N34°12'04.21998"	W118°29'01.16813"	577884.999	1955424.589	229.657	1895944.368	6415422.172	753.466	-0°16'32.486547"	0.99993183
1017	N34°12'30.37464"	W118°29'01.19815"	578690.865	1955427.698	235.138	1898588.280	6415432.373	771.449	-0°16'32.503660"	0.99992977
1018	N34°13'16.75839"	W118°29'06.69705"	580120.694	1955293.834	244.847	1903279.310	6414993.187	803.302	-0°16'35.638099"	0.99992616
1019	N34°13'16.61808"	W118°29'31.68321"	580119.479	1954654.305	245.881	1903275.324	6412894.999	806.695	-0°16'49.880503"	0.99992601
1020	N34°13'16.58063"	W118°29'38.14544"	580119.137	1954488.902	246.306	1903274.202	6412352.339	808.089	-0°16'53.564052"	0.99992594

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STATION	LATITUDE	LONGITUDE	NORTHING	EASTING	ELEVATION	US SURVEY FEET			CONVERGENCE	COMBINED FACTOR
						NORTHING	EASTING	ELEVATION		
						METERS				
1021	N34°12'30.32478"	W118°30'04.06670"	578697.213	1953818.355	236.418	1898609.106	6410152.386	775.648	-0°17'8.339478"	0.99992957
1022	N34°12'30.34445"	W118°29'40.49095"	578694.830	1954421.860	236.229	1898601.288	6412132.386	775.028	-0°16'54.901024"	0.99992960
1050	N34°13'09.49100"	W118°29'28.58188"	579899.496	1954732.608	244.743	1902553.596	6413151.898	802.961	-0°16'48.112710"	0.99992649
1051	N34°13'08.39210"	W118°29'33.48738"	579866.252	1954606.886	244.900	1902444.528	6412739.425	803.476	-0°16'50.908906"	0.99992652
1052	N34°11'41.34439"	W118°29'20.25282"	577182.533	1954932.580	225.870	1893639.694	6413807.973	741.042	-0°16'43.365049"	0.99993349
1217	N34°12'04.10704"	W118°28'59.98936"	577881.374	1955454.750	229.764	1895932.475	6415521.126	753.817	-0°16'31.814636"	0.99993181
6004	N34°07'33.20026"	W118°28'36.91502"	569531.519	1956005.864	365.013	1868537.992	6417329.239	1197.547	-0°16'18.661986"	0.99992395

*NOTES: Stations 0015, 0148 and 6004 were constrained for the NAD83 and NAVD88 Adjustments
See Sheet 2 of 2 for NAD27 and NGVD29 coordinate values.*

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GPS KINEMATIC LOG SHEET

SHEET | OF 2

JOB NO. 1500N 10 PARTY CHIEF Chris H. NAME RAW JULIAN DAY: 254 DATE 9/10/96
 BASE RECEIVER SERIAL NO. 3302A02330 ANTENNA SERIAL NO. 0220010036
 ROVER RECEIVER SERIAL NO. 3302A02330 ANTENNA SERIAL NO. 0220010036

BASE STATION NAME 0015 BASE FILENAME _____ ANTENNA HEIGHT: _____ METERS
1000

ROVER FILE NAME 1001-254-1

DATA SET #	STATION #	ROD HEIGHT (m)	# OF SVs	PDOP	STATION DESCRIPTION	COMMENTS
1	1001	1.640 5.38'	7	3.2	98+00 E EI= 742.085 (1980) 90+00.75N EI= 742.155	F ^l Lead + tack 200' W OF E RUNWAY
2	1002	1.610	6	2.9	NO MARKINGS	F ^l P.K. & WASH @ E RUNWAY
3	1003	1.632	7	2.0	Fd BRASS DISK 4" ϕ USC & GS (CENTER P.M.) "STA B AP 1960"	GET DESCR. IF AVAIL. & SEND TO CLIENT *
4	1004	1.624	7	2.2	98+00 E EL= 787.44 25+00.15N	Fd 1" ϕ PIN W/P.M.
5	1005	1.651	6	2.6	Fd BRASS DISK 4" USC & GS (center punched) "STA A AP 1960"	same as comment for # 1003
6	1006	1.609	7	2.2	Fd SPK & WASH @ E RUNWAY N. END	
7	1007	1.612	7	2.3	Fd 3" BRASS DISK in 11" Conc cylinder	Stamped "FAA 16R, + 2.680, course width, mon. gnd. chk., point"
8	1008	1.628	7	2.4	F ^l P.K + Washer c/L Runway N ¹ / ₄	
9	1009	1.711	7	2.4	F ^l SPK + Tin, 106+20, 10+00 620' E. of Runway, EI= 795.895 '1980'	
10	1010	1.717	8	1.9	Fd SPK & TIN, 106+20, 36+35.45 620' E. of Runway EI= 777.76	
11	1011	1.723	8	1.8	Fd. 3" Brass Disk stamped "FAA 16R, +20', clearance, Gnd. chk., point."	
				1		

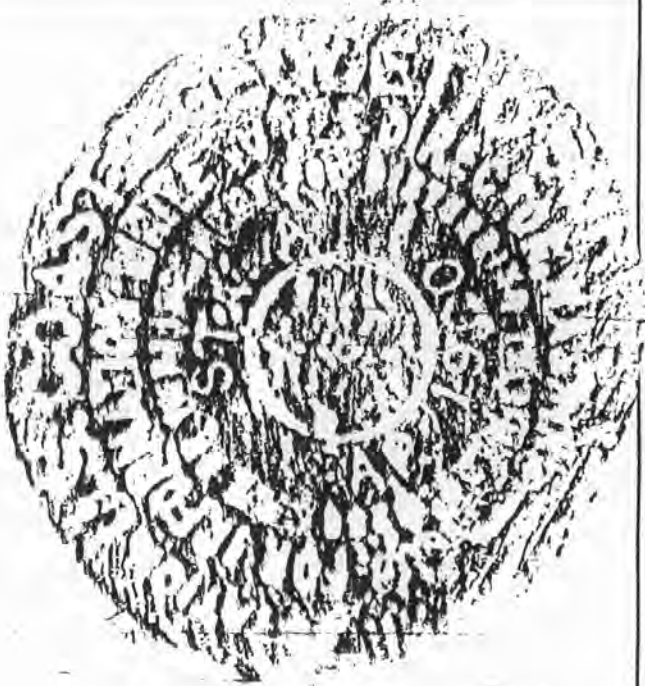
PSOMAS

VANNY'S DRIPPOET

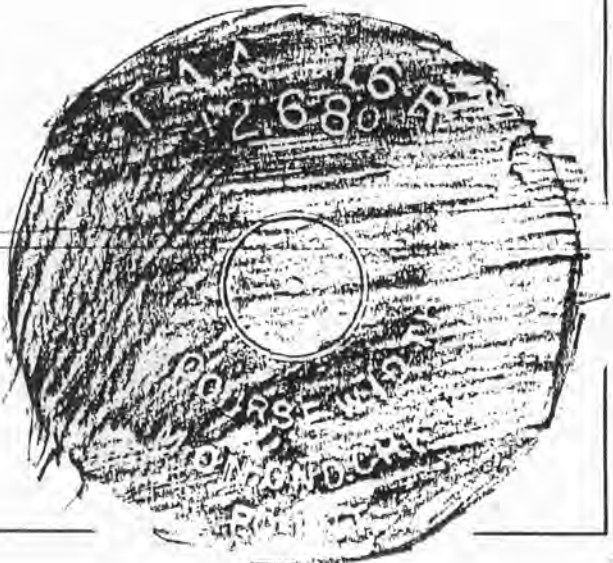
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- Costa Mesa 714/751-7373
- Riverside 909/787-8421
- Sacramento 916/929-7100

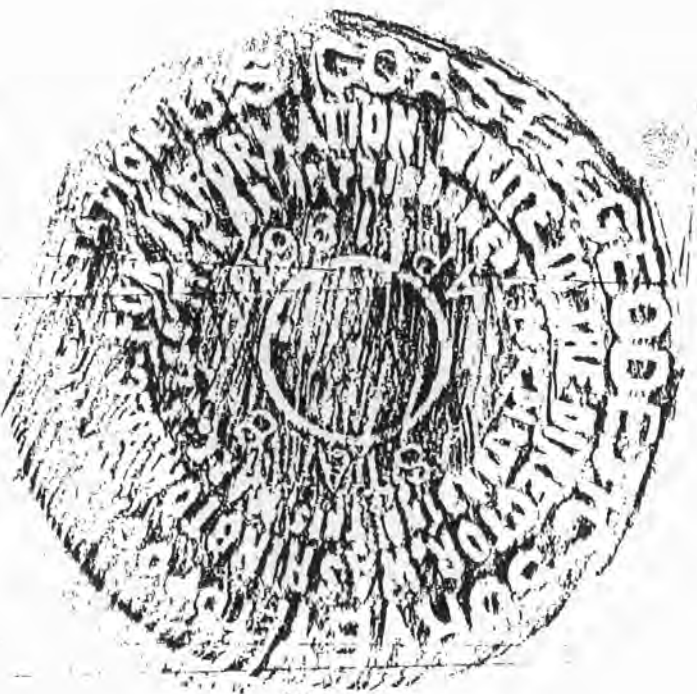
Job No. _____
Project Name BRASS DISK
Field Crew _____
Comments _____
Date _____
Title _____



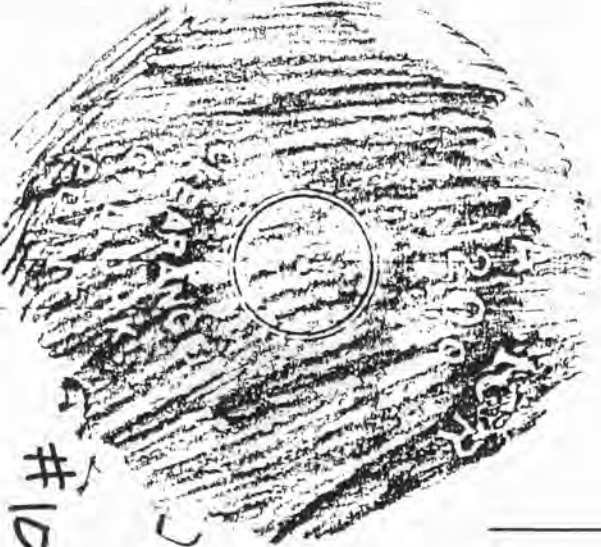
1005



1007



1003



1011

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GPS KINEMATIC LOG SHEET

SHEET 2 OF 2

JOB NO. 11-4-1-5 PARTY CHIEF CH NAME CH JULIAN DAY: 215 DATE: 1/11/90
 BASE RECEIVER SERIAL NO. 33027073 ANTENNA SERIAL NO. 0220010036
 ROVER RECEIVER SERIAL NO. 33027073 ANTENNA SERIAL NO. 0220010036

BASE STATION NAME 9015 BASE FILENAME _____ ANTENNA HEIGHT: _____ METERS
1000

ROVER FILE NAME 1015-255-2

DATA SET #	STATION #	ROD HEIGHT (m)	# OF SVs	PDOP	STATION DESCRIPTION	COMMENTS
1	1015	1.946	7	2.3	Fd SSM W/HEX DN. 12 FT	+ 65' W'LY OF & INT WOODLEY & VANOWEN
2	1015	1.969	7	2.4	SAME	"
3	0177	1.468	7	2.4	Fd BM -0177	
4	1217	2.001	8	2.0	Fd HEX IN SSM ±10' DN 1.0 FT	E'LY OF & INT WOODLEY / SHERMAN W
5	1016	1.997	8	1.9	Fd SSM @ & INT WOODLEY / SHERMAN	CITY OF LOS ANGELES SURVEY DIVISION ADM. DISC 1968 DWN/10
6	0193	1.685	8	2.3	Fd BM @ NW COR CB	1016 IS ±11.5' North OF ANOTHER WELL
7	1017	2.032	7	3.6	Fd BRASS DISK IN SSM "CITY OF LA SURVEY DIVISION 1969"	(& INT WOODLEY / SATICOY)
8	1018	2.094	6	5.8	Fd SSM W/ BRASS DISK @ & INT WOODLEY PLACE	(FIRST ORDER SURVEY CONTROL) " PAC - B - 108) RESET 1967"
9	1019	2.084	8	2.2	Fd BRASS DISK W/ IN & INT HAYVEN HURST & ROSCOE DN. 1.0 FT	
10	1020	2.166	8	2.2	"CITY OF LOS ANGELES 1971" SURVEY DIVISION	DN 1.5'
11	1021	2.180	8	2.0	Fd LA DEPT PUBLIC WELL @ & INT BALBOA	WORKS BRASS DISK IN SATICOY DN.
12	1022	1.963	7	2.3	Fd BRASS DISK IN SSM "CITY OF L.A. SURVEY DIVISION 1969"	

PSOMAS

GPS KINEMATIC LOG SHEET

SHEET 1 OF 1

JOB NO. 0220010039 PARTY CHIEF Chris H. NAME RAW JULIAN DAY: 255 DATE 9/11/96
 BASE RECEIVER SERIAL NO. 3924A06315 ANTENNA SERIAL NO. 0220010039
 ROVER RECEIVER SERIAL NO. 0220010039 ANTENNA SERIAL NO. 0220010039

BASE STATION NAME 1000 BASE FILENAME 1000-255-1 ANTENNA HEIGHT: 1.565 METERS

ROVER FILE NAME 1050-255-1

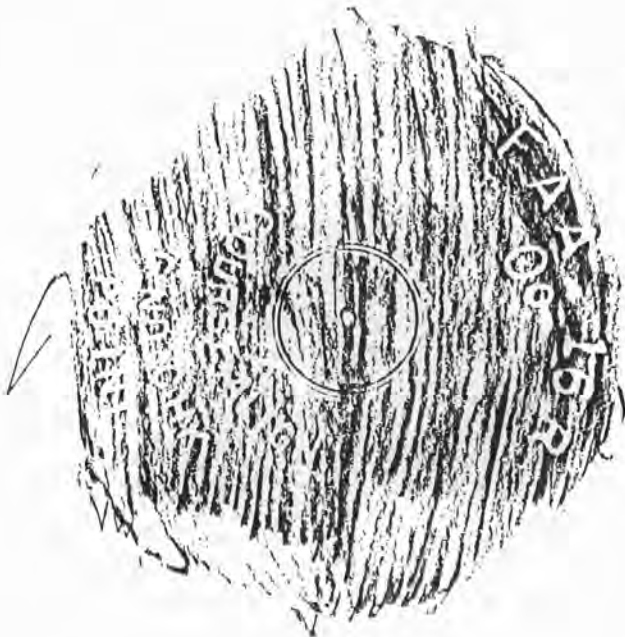
DATA SET #	STATION #	ROD HEIGHT (m)	# OF SVs	PDOP	STATION DESCRIPTION	COMMENTS
* 1	1050	1.568 m	7	2.4	3" Brass Disk Stamped "FAA 16R, 0°, course align.	gnd. chk., Point" (See Rubbing)
2	¹⁰⁰³ 1051	1.609 m	7	2.4	3" Brass Disk NE'ly corner runway 16R.	
3	1006	1.593 m	8	2.0	P.K. + Washer c/L runway 16L	* Interrupted by jet.
4	1006	1.574 m	8	2.0	P.K. + washer	
5	1007	1.590 m	8	1.9	3" Brass disk in 11" dia conc.	
6	1009	1.661 m	8	1.8	spike + washer	
* 7	1051	1.687 m	9	1.7	3" Brass Disk in 11" conc. cylinder stamped "spike"	"FAA 16R, -2.65°, course width, mon. gnd. chk., point"
8	1004	1.673 m	8	1.9		
* 9	1052	1.583 m	7	4.4	Identical to #1050	
10	1001	1.698 m	8	2.0	Lead + tack	
11	1002	1.687 m	8	2.1	P.K. + washer	
12	1003	1.652 m	8	2.2	Brass Disk	
13	1010	1.663 m	8	2.2	P.K. + washer	



1052
S/L Runway S'ly End



1051



1050
S/L Runway N'ly End

VAN NUYS REGIONAL AIRPORT

