To run, type in data file name in XEQ ALPHA] Alpha register, then press * Number of pts you can store is * x length of file (e.g. a file sized with 50 regs holds 25 pts.) Pt. numbering starts at 0 (zero). Menu EA LN RS LS

A B B D E EA > enter & assign LN = lines RS & radial stakeout LS => 11st Entering Bearings: Type in Bearing ENTERTI Quad RIS aval codes are 1 = NE 2 = 5 = 3 = SW 4= NW S=NA Once an azimuth has been entered, the computer will always display azimuths until a bearing is entered, and VICE - VETSA) Sideshots: Press ID to toggle between "sideshot" & "normal" mode. You are in sideshot mode when the little "O" is ion the display. 1) when you exit the lines routine, SS mode is turned off 2) when you restart at a new point, as made is turned off 3) In sideshot mode, curves are not computed. when you execute a radial stakeout, ss mode is turned on. You may sideshot intersections.

Curves: To traverse curves, enter the radius point as a negative number. (Notice the little "3" comes on). Traverse or inverse to the radius point, enter the P.O.C. then give either the D or length (If the curve turns left, D and L are negative values.)

Errors: If you make a serious mistake, or see a message like "DATA ERROR", press DE to reset the computer and return to the menu.

A Gall We Shall British Children ?

BI BZ DI	bearing point bearing 2 distance 1	NE NW SE SW	northeast northwest southeast southwest	N northing E easting Length Length
D2 CC SH	distance 2 counterclockwise Short	AZ	azimuth distance point	DP destination point

139 Navarro SAN CLEMENTE, CA 92672 **Phone 492-8586**

JOB	
SHEET NO.	OF
CALCULATED BY	DATE
CHECKED BY	DATE

			CALE
	Registers		Keyboard
	7		
<i>0</i> d	Current Pt #	A	Enter & Assign
5/	Current N	B	Lines
62	Current E	D	Radial Stakeout
	Bra I	ķ.	
04	Brg I Brg 2 Dist 1	b	Side shot / Normal mode tog le
04 03	Dist 1	E	Error Reset
56	D/s+ D		
07	Next At#		
6 8	Dest At #		Local 626615
69	Ref Az		
10	Ref DS+	10	Lines Routine
		11	B1 Interdum
		12	B1 known, D1 unknown
	Flags	13	BI TRANSIA DI UNKARUN, BZ UNKARUNA
		5a	Trajerse
00	sideskot	80	Store
01	Intersection Lag 1	20	Thierse
Ď2	The section leg 2	40	Display
03	curve 1	09	Comparte Azimuta
04-	Cist or Stakeout 1000	04	Q= NW
05	Lines Routine	02	0 - 5E
	Short 8-D of CCD-D	<i>p</i> 3	a sw
07		01	Q = NE
08	gate, p	05	Q = NA
06 07 08 09 21 22	Display Azimuth	05	Set Data Pointer
21	Printer on	06	Intersection Setup
22	Numeric entry	90	Carve
27	User mode	90 14	Radial Bra out
		OŽ	LIST/ STAKROUT 100P

139 Navarro SAN CLEMENTE, CA 92672 **Phone 492-8586**

JOB	
SHEET NO.	OF
CALCULATED BY	DATE
CHECKED BY	DATE

Formulas Bry AZ : Az = Br= QI: A = 1807 B/g Q2 AZ= 1804 B/A 90 270 Az = 360+B/Z 2 04: AZ -> Big Isin- (sin Az) Bogs 180 cos+, sin+ (OS (AZ) = + Qual code North Spurl h Cos (12)= -COS - 5 519 4 Sin (AZ) = -COS - SIM ~ west SIN (AZ)= + East SIM Traverse, Invects \$= Azimuth from 1 to 2 45 N2 d = VAN2 + AE2 Fr. Low IN= d cos of ۵N TONE SELAN DE = d SIN Ø NI El R-P P-R Functions 118-41 Use P-R Ø ΔĒ DN R-P NZENITAN Traverse EZ = E1+ AB DN = N2-N1 Inverse DE = E2-E/

139 Navarro SAN CLEMENTE, CA 92672 **Phone 492-8586**

JOB			_
SHEET NO.	3	OF	
CALCULATED BY		DATE	
OHEOKED DA		DATE	

Bearing - Bearing c=ref dist B= ref Az A21-0 Ø- 422 (#C) 180 - X+ B Law of sines: A21 511 7 d Sin need p-(#3) KIN (180-0) = SIN 9 62 can specify Bral & Brai C S/n (& forward" a "brokward" Sin (AZ/-\$+\$-122) 5/nce (180-0)= C 510 (\$- A & 2) SIN (A2/ - A2) Bracina + Distance C= /e-f A 22. second known 0-1=1 a+ c cos & AzCSIN O dt- h2 long salution (CF 06) use Short \$ can be specified as either 9-121 or A21-8 Note Unimportant cos ø c cos(-0) of d is unimportant

139 Navarro SAN CLEMENTE, CA 92672 **Phone 492-8586**

J08		
SHEET NO.	temp.	OF
CALCULATED BY		DATE
OUEOKED BY		DATE

		·····		· · · · · · · · · · · · · · · · · · ·				,	·						SCAL	.E			-		,	· · · · ·							
]				<u></u>				·		
	Di	54	2.734		-2	110	la	E) C	E)																				
	Agrillada.			, Alexander		. Sel									Ø.		n.C		<u> </u>	con f k	-4-(C	- 1	of	A	~L.	n (b	Ćì
								ļ		ļ					1	î .	4	1	:	1	:	:	1) (2)	1, ,	-×.
					-		A	was.		1	ļ												sta				^		
			9			and the same of th		-	· Children de Contractor	jb.	ļ		Uliveral Property of the Control of		Ь.		50	0 2	η	26	ر د ر	hcl.	al	157	W 1	V 6	۷		
	Δ-	Z (_<	Q	1 .			ļ	ļ		and a		,			ļ						ļ							
	/\		2	<u> </u>	Φ.	Indicate of Louise P	C)	ئستبرير سے ن	arcox -	Andrew Control				L	شد ک	C	£.	Co	SI	€ 5									
		a figuration of the state of th		~ ~. ~						and the same					ľ														
					1									L2	ve,	7.5	ender,	2	emo ₂	5	, ,	- 13	5 4	K					
												-		<u></u>	ando,	ريا "السيط		/		(Carry Const	2	/	27	une"					
				ļ				<u> </u>						Carlos.	<u>6</u> z	Comes.	55	1	Ç,A.	7		1.9	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	}	ļ 				
					ļ			ļ						ļ		ļ		1	ļ	general S	Х.С			and the second					.,,,
				ļ				ļ								ļ			ļ			ļ,							
	for		10	er for the	10/5	Ć.	So	1/2		(3.0°	Þ6.	<u> </u>	US	£		AS	1		0	artesistics.	B	ļ						
	H			ž.	loc	3	1	ŧ.	1	9	1	1 1	i.		t		49	.	R.	\$									
			.Ni			f-f	کهمترتی									!				-									
																													41.41.41711.
	<i></i>								ļ										<u> </u>			ļ							
	(l	10	10	S					ļ										<u> </u>	j.				4					
				ļ			ļ						A	Z	Open	متود تعف		4.	y.	(A	4.1	4- 1	80	Ì					.,
				ļ										1	u	Δ			, m										
		-population		التصابقاوم	tamer interesting	CONTRACTOR AND ADDRESS OF	Market Market	0	0.					Learner		Copper	rad	* }											
			age, conse					7	Andrew Margar					1	ra d	Plat	64	Low							3				
							1							4)	re-d	2524		P											
			N.		-	ļ	/													ļ									
		,	i allimija			/	71			<u> </u>		<u> </u>							-				,	01	<u>!</u> :				
			V	-		1/0					Fo					tia.	r	112	A	ro	mfo (æ.	1 mg	(t					
				1	Δ,	7/7						Δ	٥	-	L		€ :	SE	ec	16	e S	C) J.	Q.	γ	\eq	at	W	
				Profession (A) Commentered	/	`						V	al	æ				A								V			
			·		/																								
				V	<i>f</i> :	}						<u> </u>					 					· · · · · · · · · · · · · · · · · · ·							
				ž.		ļ						<u> </u>		-				<u></u>	-				ļ				1 5		×118-1×11-1
				¥	1	ļ			<u> </u>								ļ					<u> </u>							
						ļ				-							ļ		ļ										
			*************							<u> </u>							<u> </u>						1		<u> </u>	ļ Ļ			
1										1																			
																1													
		a.a	.41				ļ									<u> </u>	į	ļ	-	1		 							
				<u> </u>		ļ				-						ļ	ļ	-	<u> </u>	-	1		ļ	-					
										-	-	-		ļ	<u></u>			ļ	<u> </u>			1							
					ļ		ļ											ļ				-		ļ			ļ		
						1									1							1							