

43a

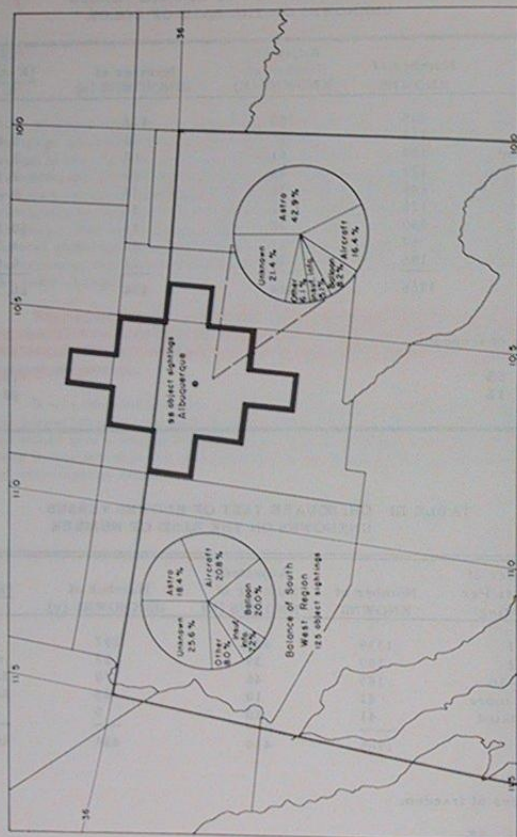


FIGURE 37 COMPARISON OF EVALUATION OF OBJECT SIGHTINGS IN THE STRATEGIC AREAS OF THE SOUTH WEST REGION

94

95

TABLE IV CHI SQUARE TEST OF KNOWN VS UNKNOWN ON THE BASIS OF SHAPE

Shape	Number of KNOWN	Adjusted Number of KNOWN (K)	Number of UNKNOWN (n)	$\chi^2_{(K-n)^2/K}$
Elliptical	838	206	195	0.59
Rocket and aircraft	80	20	33	8.45
Meteor or comet	55	14	4	7.14
Teardrop, lenticular, or conical	103	25	22	0.36
Flame	96	24	10	8.17
Other	193	47	54	1.04
Not stated	400	98	116	3.30
Total	1765	434	434	29.05

Degrees of freedom

6

5%

12.6

1%

16.8

TABLE V CHI SQUARE TEST OF KNOWN VS UNKNOWN ON THE BASIS OF DURATION OF OBSERVATION

Duration of Observation	Number of KNOWN	Adjusted Number of KNOWN (K)	Number of UNKNOWN (n)	$\chi^2_{(K-n)^2/K}$
5 sec or less	259	64	27	21.39
6-10 sec	92	23	21	0.17
11-30 sec	153	38	33	0.66
31-60 sec	108	26	42	9.85
61 sec-5 min	269	66	99	16.50
6-30 min	305	75	71	0.21
Over 30 min	135	33	37	0.48
Not stated	444	109	104	0.23
Total	1765	434	434	49.49

Degrees of freedom

7

5%

14.1

1%

18.5

45