

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
580/2022		Monster 1		Training		312000JAN22	
Task	AEP und Laserockets Range 65						Freq
AO							132.15
Departure				Recovery			
FYTTR THREE				ILS or LOC/DME X RWY 21L			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Monster 1-1	Toolface		1411	25Y	1611	21/01
-2	Monster 1-2	Marsy		1412	88Y	1612	21/02
-3	Monster 1-3	Crusader		1413	88X	1613	21/03

LOADOUT			
A/A	2xA9M		GUN 100% CM
A/G	3x7M282L		CHF 0
POD	TGP, A184		FLR 480
TKS			FUEL 100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	11087				

AIRBASES								
	Name	TCN	ATIS	GND	TWR	RWY	Elev	ILS
Dep	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Arr	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Div	Creech AFB	87X	290.45	275.8	360.6			

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)	12000	
2	Range 65D	N36 37.995 W115 52.725		
3	Creech AFB	N36 35.200 W115 40.120		
4	Boulder	N35 59.750 W114 51.820	10000	
5	KRYSS	N36 30.369 W114 44.190	10000	

COMMS	
Radio	Usage
1	132.15
2	11-3-4-16-225.450-11-4-3
3	32.21

NOTES

TO via FYTTR Three

Laserrockets in der Range 65 auf bewegte und unbewegte Ziele

Nach verlassen der Range gehts über Creech zum Engine Failure Training

Zuvor Store Jetission und Mayday call

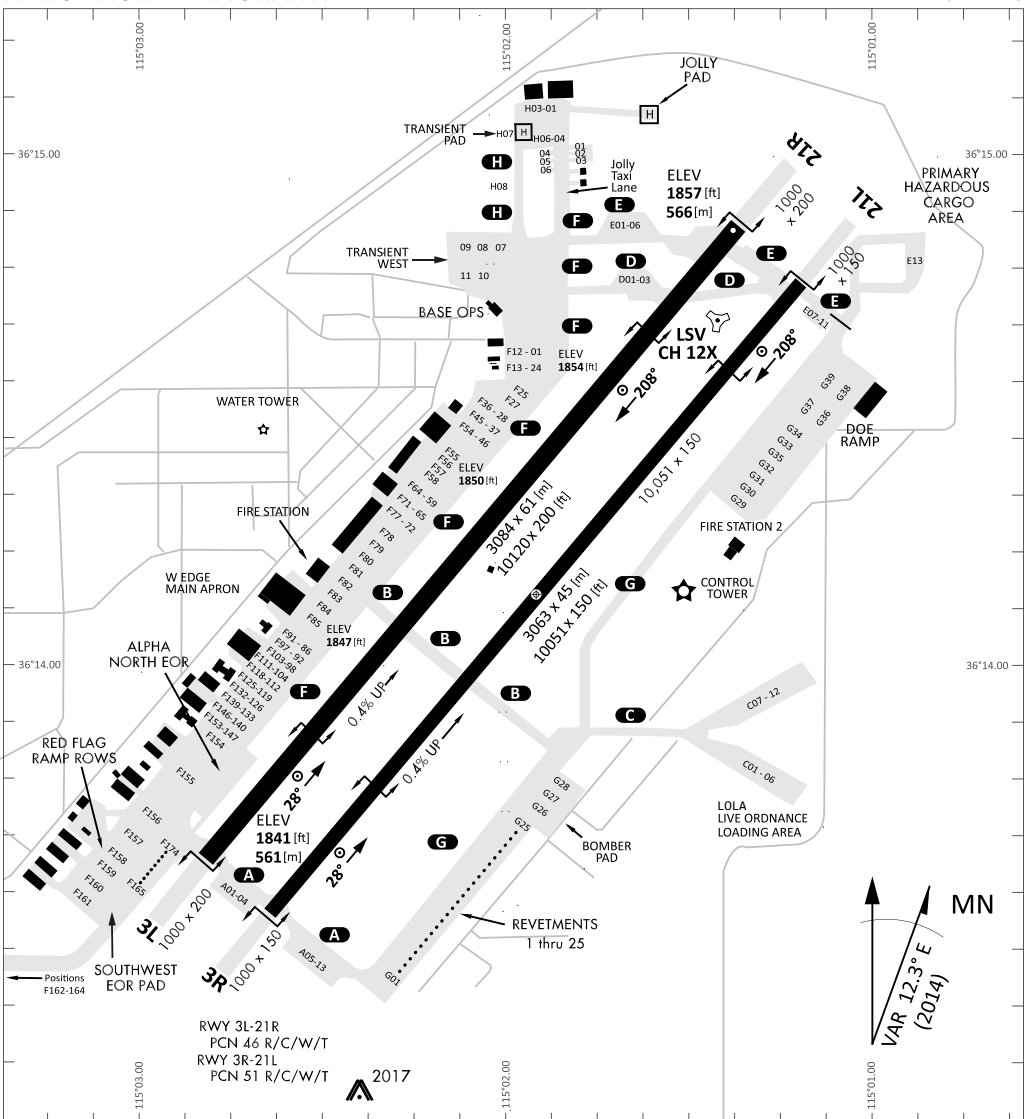
Zum Schluss gehts via Boulder über Las Vegas nach Nellis zurück

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Cougar 3	Training	4x F-14B	261.25	21/84		156X
	AO	North War	Task	BVR Training		
Cobra 1	Training	3x F-16C	261.45	21/84		156X
	AO	North War	Task	RED AIR		
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
	AO		Task	NCR - IFR 2		
Edelweiss 3	Training	2x F/A-18C	264.35	21/84		173X
	AO	BTY	Task			
T-Rex 2	Training	3x A-10C	132.25	25/88	22	161X
	AO		Task	AEP und Laserockets Range 64		

RADIO CHANNELS		
#	Freq	Name
1		Flight/Squadron specific
2	289.4	Nellis Clearance Delivery
3	275.8	Nellis Ground
4	327.0	Nellis Tower
5	385.4	Nellis Approach/Departure West
6	273.55	Nellis Approach/Departure East
7	317.525	Nellis Control -- Sally
8	254.4	Nellis Control-- Lee
9	305.6	SOF Bullseye
10	343.725	EMERGENCY SINGLE FRQ
11	270.1	Nellis ATIS
12	360.625	Creech AFB Tower
13	250.1	HAVE QUICK 13
14	251.1	HAVE QUICK 14
15	252.1	HAVE QUICK 15
16	377.8	Blackjack
17	265.0	KC-135 AR-641A
18	360.8	KC-135MPRS AR-635
19	319.8	KC-135MPRS AR-625
20	300.05	KC-135 AR-231V

RAMROD										
0	1	2	3	4	5	6	7	8	9	
R	A	V	E	N	O	U	S	L	Y	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	ULKA	HJQ	NPX	EC	WB	ITM	YD	RF	SO	GV
B	PMTH	EGS	FNO	IV	CJ	DKL	XA	QR	UW	YB
C	JDRT	UNS	HBE	YM	KO	VFP	CW	IG	LQ	AX
D	QAIS	PFN	UMK	OV	RY	WTH	JX	GL	DE	CB
E	GLKQ	UEP	NIO	FC	DB	JRS	XV	AY	TM	HW
F	QJNR	KPB	SGL	VM	WY	FOT	UC	DE	HX	IA
G	YFQC	UXH	VSO	BP	TN	JWI	RG	AD	KE	ML
H	HCDW	BKQ	XSJ	YA	RE	VIG	TF	NM	UO	PL
I	VRLN	HQW	DYB	KO	IC	GFA	ET	JU	SX	PM
J	IVAW	EOF	LBD	PX	NU	QRM	HY	TC	KG	SJ
K	VJED	SXA	OWY	HK	UM	NIR	QP	FB	GL	CT
L	EMXL	CRJ	HWN	FU	AQ	TKP	SG	DB	OV	IY
M	GCLB	PFX	WQN	AM	UT	YHS	KD	VJ	IO	RE
N	SJXD	FTU	QYE	PR	IH	KMC	BW	NA	OV	LG
O	KJVU	TOM	EFX	WY	RC	NPS	BD	GQ	LH	AI
P	ESQP	YJG	FVT	WK	XB	NCL	MA	UH	IR	OD
Q	RLFV	XKU	SAT	IM	CE	DBG	OY	NP	QH	WJ
R	NGRU	ABJ	HFC	YS	OD	MKI	EX	TL	VP	WQ
S	HBJI	PDK	QWN	RG	FT	VCL	YE	OX	MU	AS
T	XQKL	HIE	SBV	FW	GU	MRP	DJ	CN	YA	OT
U	TEWK	LMC	IUS	DP	NV	YXJ	RA	OB	HF	QG
V	UCSG	AKM	WBD	JE	FN	OYX	VL	RT	IP	HQ
W	OIYP	QKE	BFT	UM	JC	RVG	NA	HD	WL	SX
X	KWAU	PVY	QJR	LT	ED	MSC	XF	GN	HI	OB
Y	KYOF	TCB	RGH	NP	QD	UEJ	SI	AL	WX	MV

NAVAIDS				
Id	Name	Channel	Position	Elevation
BCE	Bryce Canyon	75	N3741.35 W11218.23	9040
BIH	Bishop	33	N3722.62 W11821.99	4114
BLD	Boulder	114	N3559.75 W11451.82	3650
BTY	Beatty	94	N3648.54 W11644.86	2925
CDC	Cedar City	120	N3747.24 W11304.90	5463
DAG	Daggett	79	N3457.75 W11634.69	1760
EED	Needles	99	N3445.96 W11428.43	650
GFS	Goffs	91	N3507.87 W11510.59	4019
GRL	Groom Lake	18	N3713.91 W11548.16	4475
HEC	Hector	74	N3447.83 W11627.78	1854
ILC	Wilson Creek	110	N3815.02 W11423.65	9318
INS	Creech AFB	87	N3635.20 W11540.12	3101
LAS	McCarran Intl	116	N3604.78 W11509.59	2142
LSV	Nellis	12	N3614.68 W11501.50	1864
MLF	Milford	58	N3821.62 W11300.79	4977
MMM	Mormon Mesa	90	N3646.16 W11416.65	2120
MVA	Mina	98	N3833.92 W11801.97	7860
OAL	Coale Dale	124	N3800.20 W11746.23	4800
PGS	Peach Springs	57	N3537.48 W11332.67	4754
TPH	Tonopah Muni	119	N3801.84 W11702.01	5330
TQQ	Silverbow	77	N3748.00 W11647.00	5500
UTI	St George	23	N3705.29 W11335.53	2871



PAR	RWY	CAT	MINIMA	ARP	ELEV	Scale
	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	36° 14.060° N	1857 [ft]	0 300 600 900 1200 1500 [m]
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	115° 01.058° W	566 [m]	0 1000 2000 3000 4000 5000 [ft]
SRA	21R	A C D E	2257 - 1.2 350 (350-1.2/1.6)			
	3L	A C D E	2257 - 1.2 350 (350-1.2/1.6)			

RWY	TORA	TODA	ASDA	LDA	PSN	THR	ALS
21L	10051 [ft] 3063 [m]	11051 [ft] 3368 [m]	11051 [ft] 3368 [m]	10051 [ft] 3063 [m]	36°14.043°N	115°01.018°W	⊕
3R	10120 [ft] 3084 [m]	11120 [ft] 3398 [m]	11120 [ft] 3398 [m]	10120 [ft] 3084 [m]	36°13.029°N	115°02.038°W	

ATIS	NELLIS GROUND	NELLIS TOWER	NELLIS CONTROL	TACAN	ILS RWY 21L	NELLIS EAST	NELLIS WEST
270.100 MHz	275.800 121.800	327.000 132.55	317.525	LSV 12X	109.10 Mhz	384.400	385.000

FYTTR THREE DEPARTURE

NELLIS AFB (KLSV)
IFR CHART | VALID 2014 LAS VEGAS, NEVADA

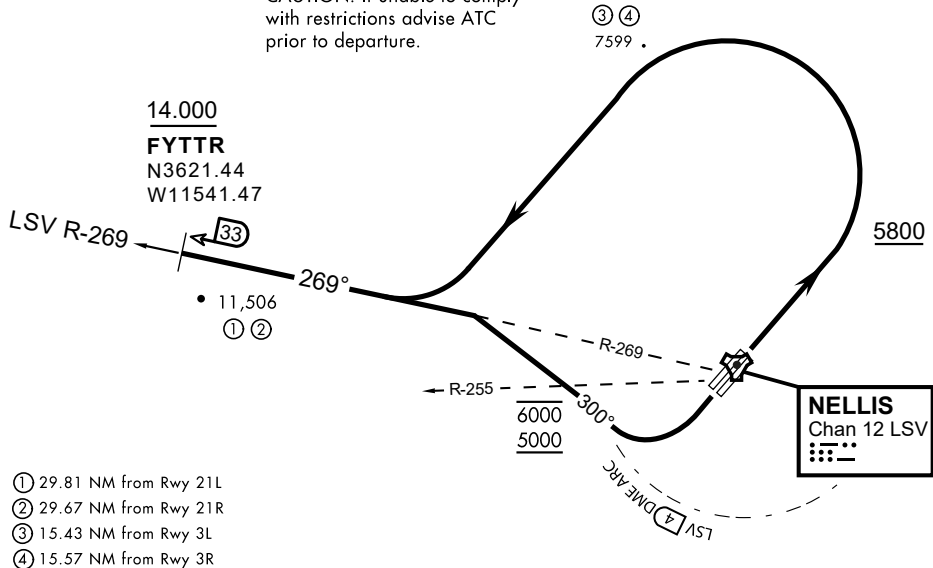
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



Rwy	Knots	60	120	180	240	300	360
3L	(a) V/V(fpm)	394	788	1182	1576	1970	2364
3R	(a) V/V(fpm)	392	784	1176	1568	1960	2352
21L	(b) V/V(fpm)	388	776	1164	1552	1940	2328
21R	(b) V/V(fpm)	390	780	1170	1560	1950	2340

Minimum Climb Rate
(a) to 9300
(b) to 13 500

CAUTION: If unable to comply with restrictions advise ATC prior to departure.



- (1) 29.81 NM from Rwy 21L
- (2) 29.67 NM from Rwy 21R
- (3) 15.43 NM from Rwy 3L
- (4) 15.57 NM from Rwy 3R

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R

- Fly runway heading until reaching 5,800'.
- Then climbing left turn to intercept LSV TACAN R-269 outbound.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

TAKEOFF RWY 21L/21R

- Turn right to intercept LSV TACAN R-269 outbound.
- Remain within LSV 4 DME until joining LSV R-269
- Cross R-255 between 5,000' and 6,000'.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

NOISE ABATEMENT PROCEDURES:

Fly according Nellis Noise Abatement instructions as published

LAS VEGAS, NEVADA

LOC I-DIQ <u>109.1</u>	APCH CRS 209°	Rwy ldg TDZE Arpt Elev	21L 10,051 1865 1869	21R 10,120 1869
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AL-227 (USAF)

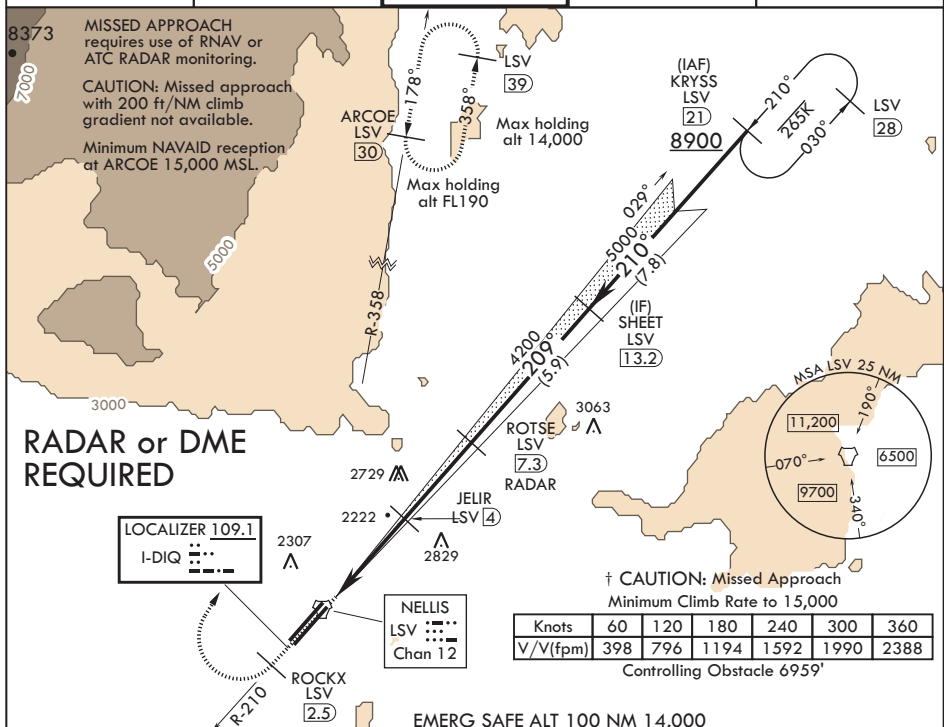
NELLIS AFB (KLSV)

T * When ALS inop, increase all CAT RVR to 40, vis to 3/4 mile.
 ** When ALS inop, increase CAT AB RVR to 55, vis to 1 mile, CAT CDE vis to 1 3/4 miles.
 *** Circling not authorized E of Rwy 3R-21L.

Rwy 21
ALSF-1

† MISSED APPROACH: Climb to 15,000, intercept LSV TACAN R-210 to 2.5 DME (ROCKX), then climbing right turn heading 020° to join LSV TACAN R-358 to ARCOE and hold, continue climb in hold to 15,000. Missed approach not for civil use.

ATIS 270.1	APP CON 124.95 273.55	TOWER 132.55 327.0	GND CON 121.8 275.8	CLNC DEL 120.9 289.4
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15,000 LSV R-210

ROCKX LSV 2.5

hdg 020

VGS and ILS glidepath not coincident (VGS angle 3.00/TCH 54).

SHEET 13.2

KRYSS 21

Intcp Lczr

8900

210°

209°

5000

3140 ±

4200

GS 3.00° TCH 50

TACAN

SESDE 6

JELIR 4

ROTSE RADAR 7.3

LOC only

0.4

3.4 NM

3.3 NM

CATEGORY	A	B	C	D	E
S-ILS 21L*	2065/24		200	(200-½)	
S-LOC 21L**	2480/24 615 (700-½)		2480-1¾	615	(700-1¾)
SIDESTEP 21R	2500-1 631 (700-1)		2500-1¾	631	(700-1¾)

C	CIRCLING***	2480-1 611 (700-1)	2620-1 751 (800-1)	2620-2¼ 751 (800-2¼)	2840-3 971 (1000-3)	3040-3 1171 (1200-3)
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ELEV 1869

TDZE 21L 1865
TDZE 21R 1869

209° 7.2 NM from FAF

1921

1889

2011

BCN

1951

2116

1949-20 200

10.41% DOWN

10.051 1.50

1889

1978

TWR

3R

3L

3R

3L

HIRL all Rwy's

AF 2022

FAF to MAP 6.7 NM

Knots	60	90	120	150	180
Min:Sec	6:42	4:28	3:21	2:41	2:11

LAS VEGAS, NEVADA

36°14'N - 115°02'W

NELLIS AFB (KLSV)

Amdt 9 03JAN19

ILS or LOC X RWY 21L

SW-4, 05 DEC 2019 to 02 JAN 2020

SW-4, 05 DEC 2019 to 02 JAN 2020



INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 065 °	Rwy ldg TDZE Arpt Elev	9002 3133 3113
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INDIAN SPRINGS AF AUX (KINS)



* MISSED APPROACH: Straight ahead to INS TACAN, intercept INS R-outbound, cross 17 DME at or above 9500, then direkt KSV TACAN

114

NELLIS CON

CREECH AFB TOWER
118.30 660.60

GND CON

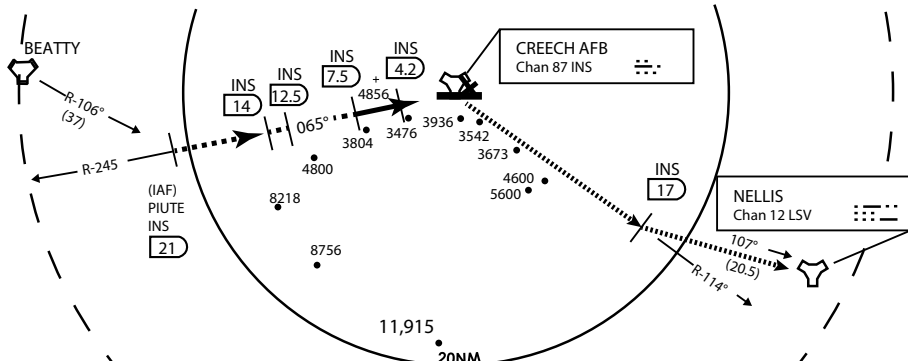
NOT FOR CIVIL USE

FOR USE UNDER BASIC VFR
WEATHER MINIMUMS ONLY

PILOT IS RESPONSIBLE
FOR TERRAIN/OBSTACLE
AVOIDANCE AND
APPROPRIATE VFR CLOUD
CLEARANCE FOR ALL

CAUTION: Descent gradients
are greater than allowed under standard
TERPS criteria and inbound course
does not meet straight-in criteria

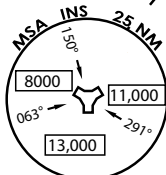
CAUTION: Final approach course crosses
Runway centerline at MIDFIELD. Maneuvering
left of course required prior to landing. Do not
Maneuver farther north than the INS R- 258



* CAUTION: Missed Approach Climb Rate to 4,700

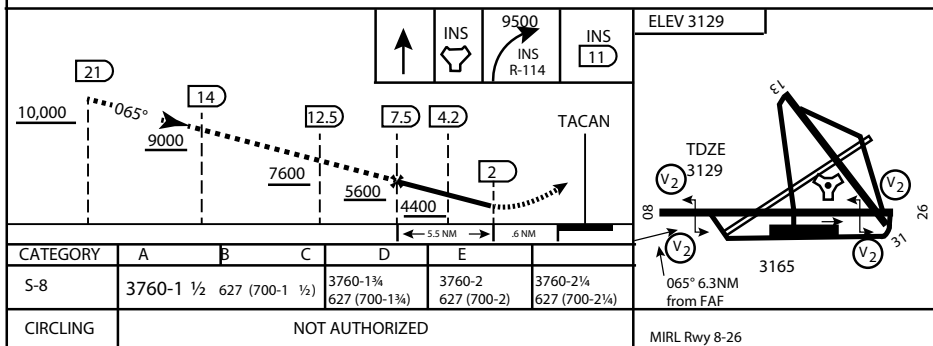
Knots	60	120	180	240	300
V/V (fpm)	230	460	690	920	1150

Controlling Obstacle



HIGH ALTITUDE FACILITIES

EMERG SAFE ALT 100 NM 14,000



CATEGORY	A	B	C	D	E
S-8	3760-1 ½	627 (700-1 ½)	3760-1¾ 627 (700-1¾)	3760-2 627 (700-2)	3760-2¼ 627 (700-2¼)
CIRCLING	NOT AUTHORIZED				

CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)

Modified by vJaBoG 66 for use with DCS

NOT FOR REAL LIFE NAVIGATION



