

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
1028/2022		Edelweiss 7		Training		272000JUN22	
Task	Fox 1 Evasion					Freq	
AO	Rachel					134.75	
Departure				Recovery			
FYTTR THREE				HI-TACAN Y RWY 21L			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Edelweiss 7-1	Hawk		1771	21Y	1671	41/01
-2	Edelweiss 7-2	Laud		1772	84Y	1672	41/02
-3	Edelweiss 7-3	Firefly		1773	84X	1673	41/03
-4	Edelweiss 7-4	Jemi		1774	21X	1674	41/04

LOADOUT			
A/A	2xA9X, 4xA7M		GUN 100% HEI-T
A/G			CHF 90
POD			FLR 30
TKS	FPU-8A		FUEL 100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13047		3900	3200	

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)	14000	
2	JAYSN	N36 34.425 W116 02.444	28000	
3	FLUSH	LSV 287/73 (N36 50.800 W116 20.270)	28000	
4	GARTH	LSV 302/90 (N37 17.960 W116 21.260)	28000	
5	Belted Peak	TQQ 100/36 (N37 34 W116 04.500)	28000	
6	Student Gap	LSV 349/82 (N37 37 W115)	28000	
7	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	11000	
8	DUDBE	N36 21.849 W115 20.581	13000	

COMMS	
Radio	Usage
1	GND(3), TWR(4), BJ (16)
2	inH 134,75 -> SHLL2 360.8 -> ARC1 319.8
3	21
4	44

NOTES

(1) Activate Medium and Long Range SAMs at Groom (SA-11, SA-3, SA-2,...)

(2) Toggle "non deadly" SAMs

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(3) FlightPlan: Ingress + Egress via RED CORRIDOR and GATE 'GARTH'

(4) Plan for IFR Departure/ IFR Approach - you may switch to VFR procedures (i.e. FighterLow Dep/Stryk Rec), on own discretion, if weather allows;

(5) Training: Provoke SAM launches from northern Hemisphere of THE BOX ergo between Garth -> Belted Peak -> Student Gap).

(6) Goal: Obtain and maintain SA through out your SAM Evasion Maneuvers

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(7) Debrief - TacView Analysis of your SAM Evasion Maneuvers;

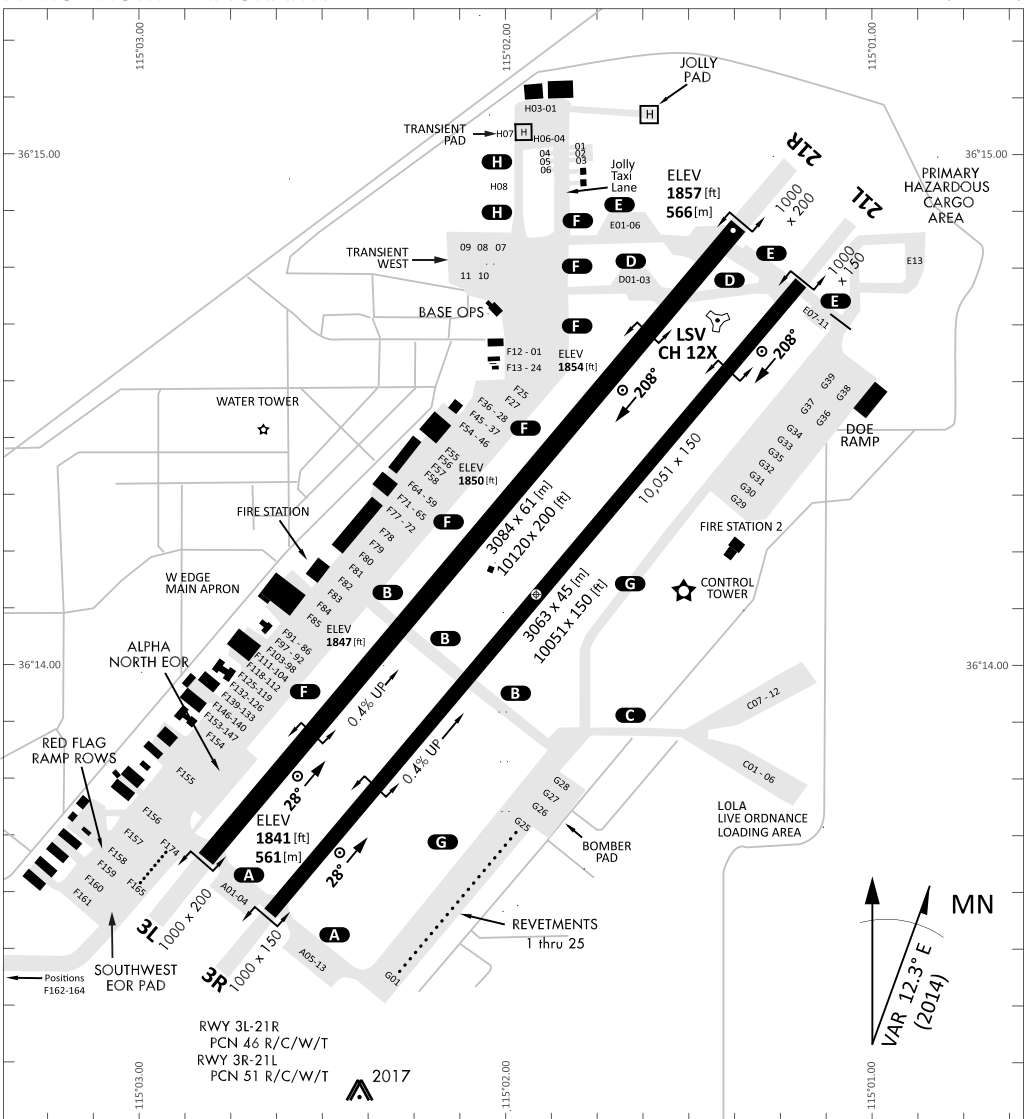
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
SHELL 2		115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)			

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Edelweiss 1	Training	2x AH-64D	133.25	21/84		171X
	AO	Nellis, Winner LZ	Task	BFT Prep		
Rattler 3	Training	2x AH-64D	133.5	21/84		125X
	AO	LATNC	Task			
Rattler 5	Training	2x AH-64D	133.75	21/84		125X
	AO	LATNC	Task			
Vanguard 1	Training	1x AH-64D	134.0	21/84		156X
	AO		Task			
Edelweiss 4	Training	4x F-16C	134.0	41/104		158X
	AO	NTTR FamFlight	Task			
Edelweiss 3	Training	4x F/A-18C	134.5	21/84		173X
	AO		Task			
Panther 5	Training	2x F/A-18C	261.35	31/94		157X
	AO		Task	Training AAR		
Monster 1	Training	2x A-10C	132.15	25/88	21	161X
	AO	R63	Task	CBU WCMD		
T-Rex 2	Training	2x A-10C	132.25	27/90	25	165X
	AO	R64	Task	CBU WCMD		

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	
F	O	R	G	I	V	A	B	L	E	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	XLVC	KIU	SYW	HQ	FN	TMR	EP	JB	DO	GA
B	HEBN	MRF	VSW	LA	OI	CYQ	TK	XU	PD	JG
C	CXTL	GRJ	AHP	VM	KO	YDF	IB	WS	EN	QU
D	UPNQ	OJD	FBX	EI	CM	THY	AG	SV	LW	KR
E	VEMW	JOU	YQL	TF	CI	RKH	DS	XP	AN	BG
F	UOSF	BAP	EMR	YJ	VT	QGN	LH	WK	DI	XC
G	TMLG	DXK	OVS	NE	CB	RYW	JI	QA	FH	PU
H	XDCO	TFE	IJB	PS	LQ	UYA	NH	VR	WG	KM
I	YRKG	AEN	POD	QL	IT	XSF	BJ	CM	VU	WH
J	PFLN	ESJ	OGA	TR	YV	WHD	UQ	XM	IK	CB
K	USFI	TYD	NPE	WG	LK	JBR	CO	VA	MQ	XH
L	XBSO	VJM	ALG	FT	PN	CQU	KY	RW	ID	EH
M	MVAJ	EFU	KGQ	IW	LS	ODT	BX	YP	HN	RC
N	OSAB	KEC	LPQ	UW	MH	DNF	RT	GX	YV	IJ
O	LOEU	MJR	TBX	QA	GH	CNI	SD	WV	KP	FY
P	RJVD	KNF	XUL	EQ	GS	OYP	WA	MI	TB	HC
Q	EKOI	NGJ	HWF	SU	TM	PQA	XB	LC	YR	VD
R	DWSR	TLJ	KIV	QU	BA	EMN	GY	PF	XC	HO
S	PHTU	BMQ	GYV	EN	KX	DJS	IW	OC	AF	LR
T	LUFK	CYT	WSV	DP	BI	ERH	JO	MQ	NX	AG
U	KCOU	FPL	GRX	IY	QT	JEM	AV	DB	HS	WN
V	LDVO	EAC	NXS	JW	PT	KQH	FR	GM	IY	UB
W	BMIT	UOJ	VAE	RD	QL	PKS	GC	XH	YN	WF
X	EIVK	QYD	OUN	RL	PH	BMS	WG	JA	FT	XC
Y	SOJV	XPT	LWB	QY	IF	KNE	MR	CH	GU	AD

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



	RWY	CAT	MINIMA		ARP 36° 14.060° N 115° 01.058° W	ELEV 1857 [ft] 566 [m]	Scale 1:35'500					
PAR	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°				0	300	600	900	1200	1500 [m]
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°				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

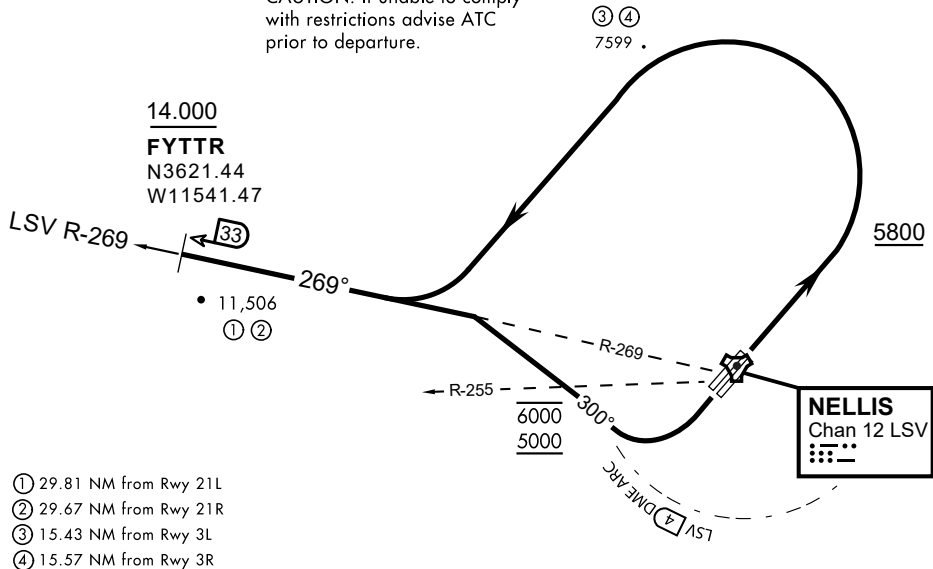


Rwy	Knots	60	120	180	240	300	360
3L ①	V/V(fpm)	394	788	1182	1576	1970	2364
3R ②	V/V(fpm)	392	784	1176	1568	1960	2352
21L ③	V/V(fpm)	388	776	1164	1552	1940	2328
21R ④	V/V(fpm)	390	780	1170	1560	1950	2340

Minimum Climb Rate

- ① to 9300
- ③ 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

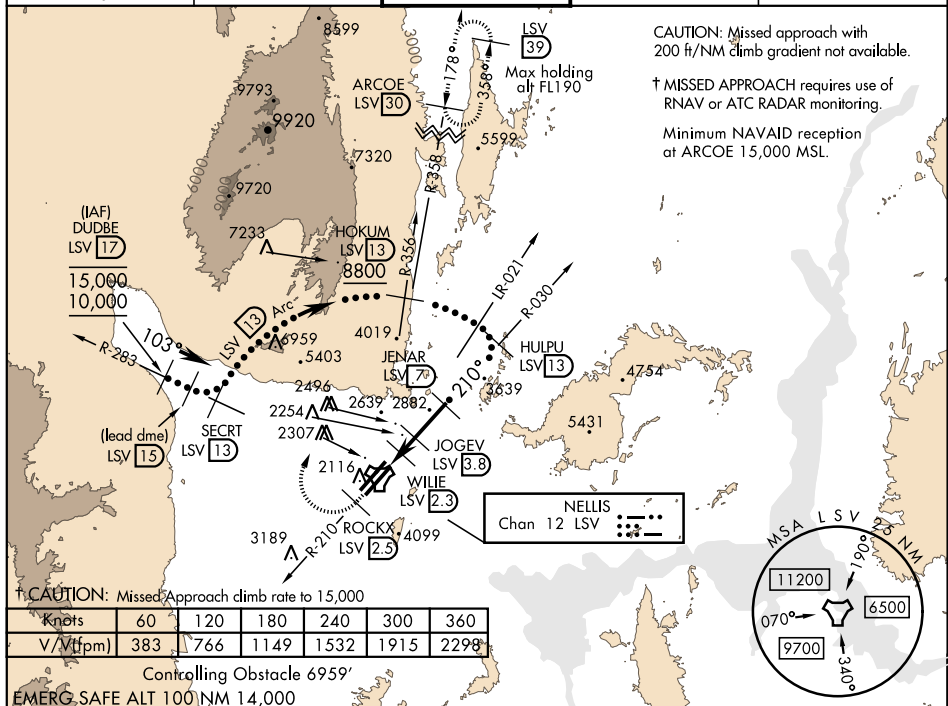
- Turn right to intercept LSV TACAN R-269 outbound.
- Remain within LSV 4 DME until joining LSV R-269
- Cross R-255 between 5,000' and 6,000'.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

NOISE ABATEMENT PROCEDURES:

Fly according Nellis Noise Abatement instructions as published

HI-TACAN Y RWY 21L

ATIS 270.1	NELLIS APP CON 124.95 273.55	NELLIS TOWER 132.55 327.0	GND CON 121.8 275.8	CLNC DEL 120.9 289.4
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VGSI and descent angles not coincident (VGSI angle 3.00/TCH 54).

15,000 LSV R-210

ROCKX LSV 2.5

hdg 020°

ARCOE R-358 30

ELEV 1869

TDZE 21L 1865

TDZE 21R 1869

TACAN

KITCH 7

WILLE 1.8 2.3

JOGEV 3.8

JENAR 7

HULPU 13

5300

210° to TACAN

4400

2540

3200

†† JENAR to MAP

†† 3.41° TCH 54

CATEGORY	C	D	E
S-21L *	2460-1 ¼	595 (600-1 ¼)	
SIDESTEP 21R	2460-1	591 (600-1)	
CIRCLING **	2620-2 ¼ 751 (800-2 ¼)	2840-3 971 (1000-3)	3040-3 1171 (1200-3)

Diagram details: The approach path starts at TACAN, passes through KITCH (7 NM from TACAN), WILLE (1.8 NM from KITCH), JOGEV (2.3 NM from WILLE), JENAR (3.8 NM from JOGEV), and HULPU (13 NM from JENAR). Altitudes are 5300 at HULPU, 4400 at JENAR, 3200 at JOGEV, 2540 at WILLE, and 2460 at KITCH. Descent angles are 3.41° TCH 54 and 210° to TACAN. A table of approach parameters is provided below the diagram.

HI-TACAN Y RWY 21L



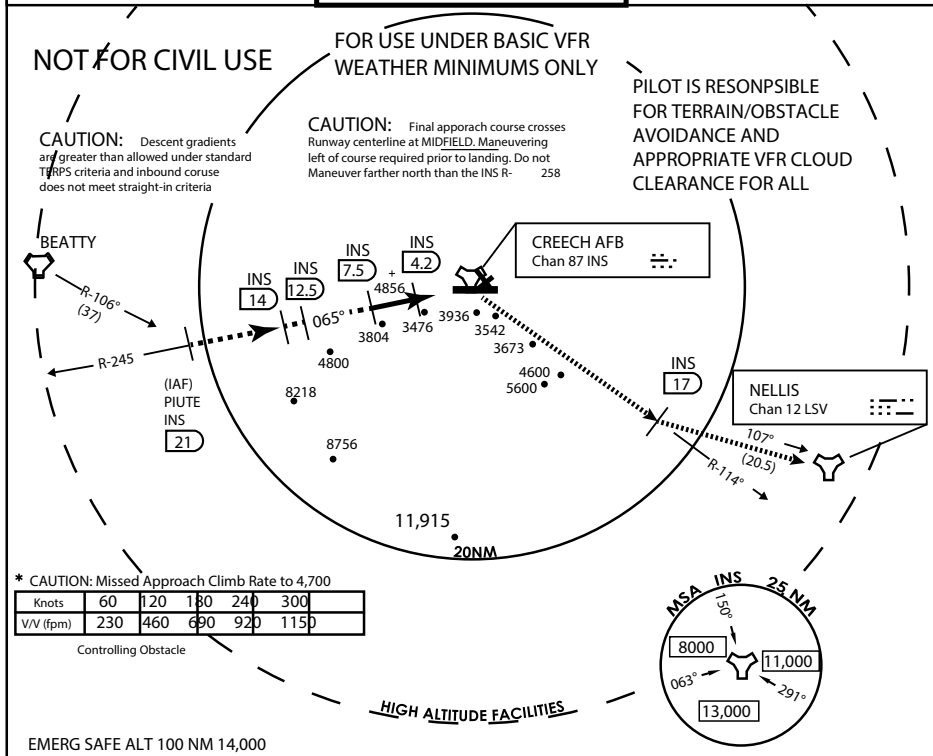
INDIAN SPRINGS, NEVADA

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

NOT FOR CIVIL USE	* MISSED APPROACH: Straight ahead to INS TACAN, intercept INS R-outbound, cross 17 DME at or above 9500, then direct KSV TACAN	114
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NELLIS CON -	CREECH AFB TOWER 118.30 660.60	GND CON -
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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					MIRL Rwy 8-26

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



