

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
2117/2023		Tiger 2		Training		072000SEP23		
Task	Deep Strike					Freq		
AO	Lincoln Airfield					261.15		
Departure				Recovery				
FYTTR THREE				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Tiger 2-1		Ghost		1141	11Y	1551	01/01
-2	Tiger 2-2		Laud		1142	74Y	1552	01/02

LOADOUT			
A/A	2xA9X, 2xA120C	GUN	100% HEI-T
A/G	2xM84	CHF	90
POD		FLR	30
TKS	2xFPU-8A	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	15291			3500	1500

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	Henderson	N36 02 21.303 W114 58 56.744	15000	
2	2	N35 33 04.591 W113 45 36.226	15000	
3	3	N35 37 15.675 W113 27 02.582	6561.679 79002625	
4	4	N35 53 23.398 W113 18 39.404	6561.679 79002625	
5	5	N36 05 45.681 W113 18 55.144	6561.679 79002625	
6	6	N36 09 10.623 W113 12 29.922	6561.679 79002625	
7	7	N36 18 56.533 W113 16 10.148	6561.679 79002625	
8	8	N36 32 18.808 W113 20 20.703	6561.679 79002625	
9	9	N36 38 16.279 W113 16 35.765	6561.679 79002625	
10	10	N36 56 03.643 W113 22 14.370	6561.679 79002625	
11	11	N37 53 43.214 W112 58 35.416	6561.679 79002625	
12	12	N38 30 35.844 W113 28 08.819	6561.679 79002625	
13	13	N38 24 13.138 W113 53 59.454	7001.31 2335958	
14	14	N38 19 40.314 W114 09 53.145	7001.31 2335958	
15	Target Area	N37 47 17.246 W114 25 11.309	4816	
16	Dream	N37 10 18.668 W114 59 32.407	10000	
17	Sarah	N36 36 26.804 W115 18 02.512	9000	
18	Gass Peak	N36 24 08.004 W115 10 44.023	8800	
19	Nellis AFB	N36 13 32 W115 02 37	1843.832 02099738	

COMMS	
Radio	Usage
1	11(Atis), 3(NG), 4(NT), 16(BJ), 18(SH), 16(BJ), 4(NT), 3(NG)
2	Inhouse 261.15
3	MIDS A: 23 / B: 44

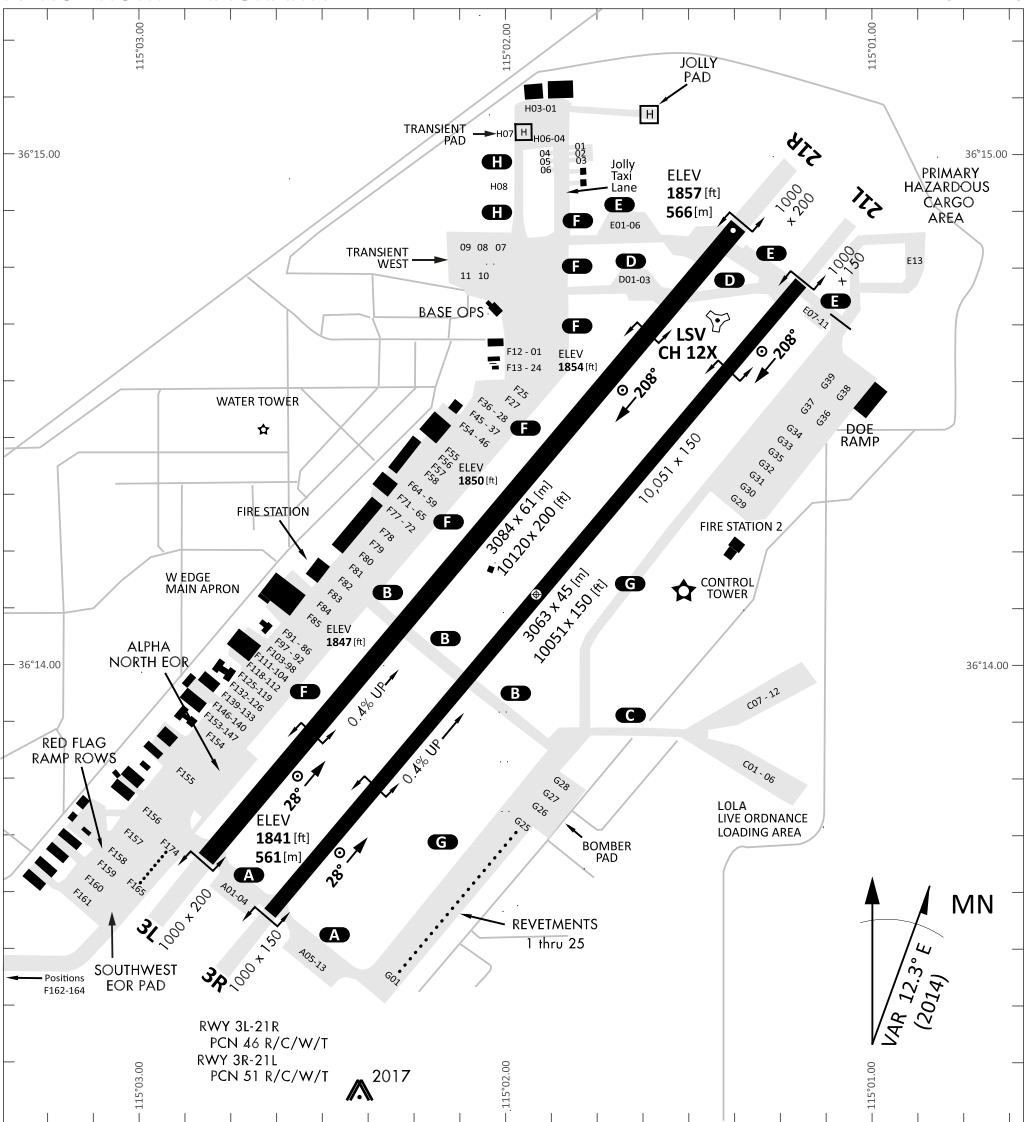
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
SHELL 2		115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Raptor 1	Training	4x F-16C	134.0	21/84		156X
AO	R61	Task	Mav + TGP			
Vanguard 1	Training	1x AV-8B N/A	264.55	21/84		167X
AO		Task				
Tiger 1	Training	4x F/A-18C	261.15	11/74	1	155X
AO	Lincoln Airfield	Task	Deep Strike			
Nazgul*	Training	4x F-15E	261.25	21/84		156X
AO		Task	IFR Navigation und ILS Wiederholung			
Monster 1	Training	4x A-10C	132.15	25/88	21	161X
AO	Range 62	Task	Maverick & bombs			
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
AO		Task	BJT			
BamBam 2	Training	2x AH-64D	133.5	21/84		156X
AO	LATNC	Task				
Lion	Training	1x A-10C	261.45	41/104		158X
AO		Task				

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	
P	L	A	S	T	E	R	I	N	G	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	PJTX	BMU	AYD	FH	GR	CKW	OQ	VL	IN	ES
B	BSRK	UAM	TWX	LG	PN	FCE	QJ	OH	ID	VY
C	WFIG	CBH	TYS	UD	OE	MVX	JK	AN	LQ	PR
D	ENQL	OKJ	VBP	YH	UA	FXC	GM	SR	WD	TI
E	AVWM	OHP	RJX	GQ	CS	TUB	KY	FN	LE	DI
F	ULAR	VJN	YWS	MD	TP	COG	BX	KI	QE	HF
G	NRUF	EYB	VGX	WC	LQ	ODH	KP	TM	AI	SJ
H	HPBI	KST	YOM	ED	WQ	NXL	AU	GJ	RC	FV
I	UGEK	QFP	IWD	VO	AN	BCH	JL	XM	YR	TS
J	GSXK	HAU	YFW	QL	EV	NIP	JD	MC	TO	BR
K	BCOM	VYW	UQS	NA	JD	EFH	LK	XI	TP	RG
L	AHWR	MLK	TQC	FU	BJ	EPD	VO	YX	IN	GS
M	LIKX	AGS	BYR	WQ	UC	EOJ	TN	HP	FV	DM
N	FBJI	WVL	NUQ	RY	CS	OTP	GD	EA	XH	MK
O	JIYL	KQX	CTR	BO	AU	DWE	NM	PS	GF	HV
P	ACEX	KLQ	TIJ	DS	PN	OGH	VR	WM	BU	FY
Q	FLXK	WCY	VIN	GH	EA	RJS	OU	QT	BM	PD
R	JLCU	OST	ARD	YW	IV	KPQ	FG	NB	EM	XH
S	LQVY	GWM	SRN	FI	KA	EDP	BU	HX	CJ	TO
T	MKXC	SIO	YUE	FR	LP	VNT	WJ	QB	GH	AD
U	LPCJ	AHR	EUQ	TD	OV	KBW	XS	FN	MG	IY
V	POLF	UXV	GYI	HT	JN	RWK	ME	BA	CQ	DS
W	TRYW	DHG	PNA	BM	UK	ECV	JF	OQ	LI	XS
X	FGQI	WOH	VMR	PY	JE	CXS	BL	DN	TA	KU
Y	UMID	GXF	NHE	CV	LY	BRK	OT	QW	SJ	AP

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 1:35'500	
	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	RWY	CAT	MINIMA				
	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

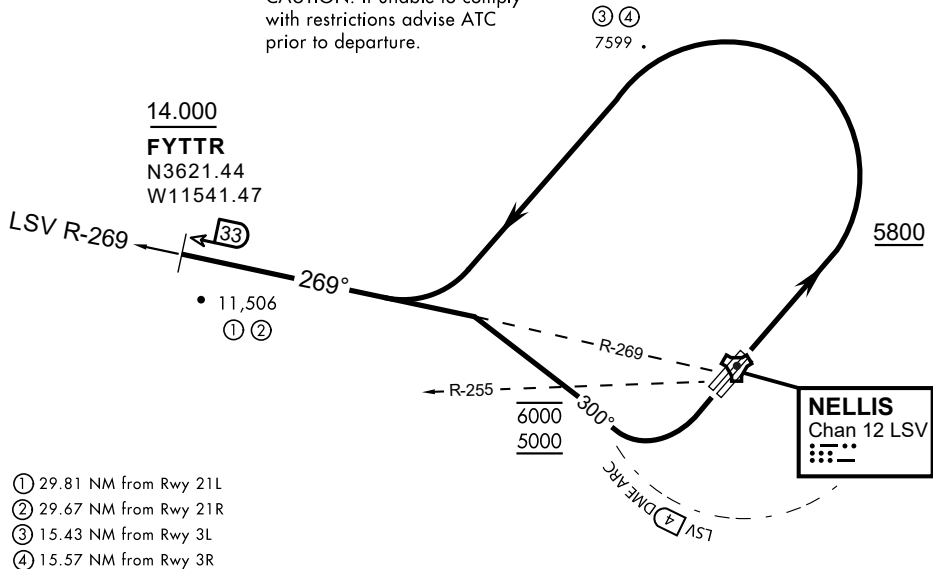
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



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

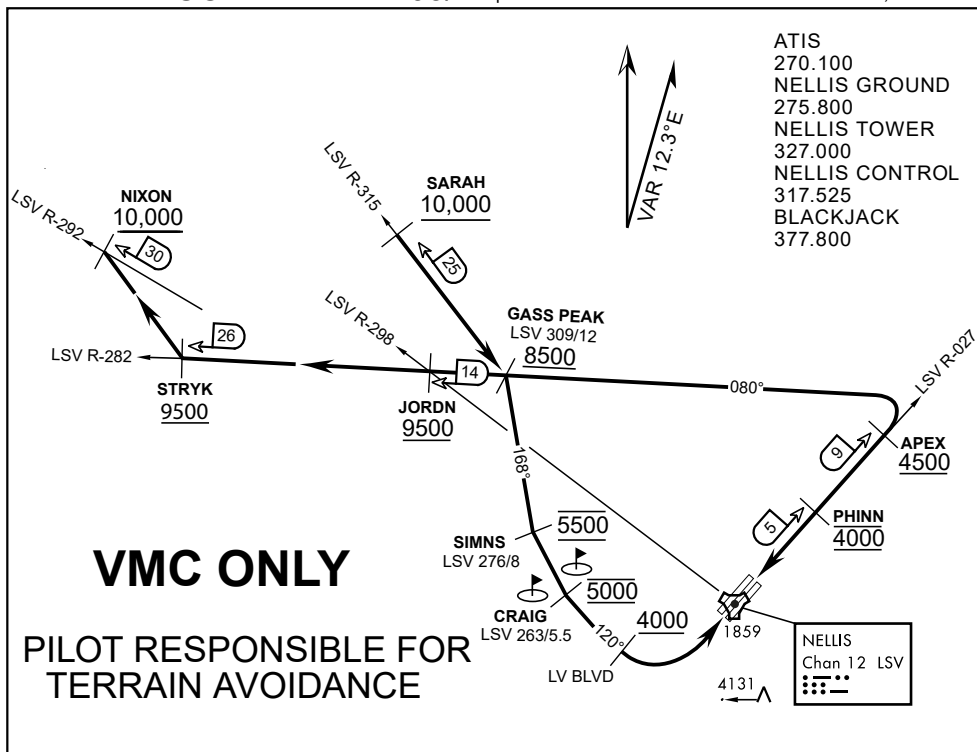
- Fly runway heading until reaching 5,800'.
- Then climbing left turn to intercept LSV TACAN R-269 outbound.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

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



APPROACH ROUTE DESCRIPTION

APPROACH RWY 3L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Proceed direct SIMNS and cross at 5,500' MSL. Cross Las Vegas Blvd at or above 4,000' MSL then to 3,500' MSL for Initial. Remain within 4 DME if LSV on turn to final.

VFR STRAIGHT-IN RWY 3L/R

Depart CRAIG & descend to be at 3,000' MSL by Las Vegas Blvd. Do not descend below 3,000' MSL until within 5 DME of LSV or 4 NM of the runway on turn to final.

APPROACH RWY 21L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Cross APEX at or above 4,500' MSL then direct 5NM initial. Descend to cross PHINN at 4,000' MSL, Inside 5 NM descend to 3,500' MSL.

VFR STRAIGHT-IN RWY 21L/R

Cross APEX at 4,000' MSL. Descend to be at 3,000' MSL at PHINN. Descend to 3,000' MSL at LSV 027/5.

RANGE 63B EXIT

SOUTH: Via NIXON at or above 10,000' MSL, then direct STRYK.

EAST: Via SARAH at or above 10,000' MSL, then direct GASS PEAK.



INDIAN SPRINGS, NEVADA

TACAN INS	APCH CRS	Rwy Idg	9002
Chan 87	065 °	TDZE	3133
		Arpt Elev	3113

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 1360.60

GND CON

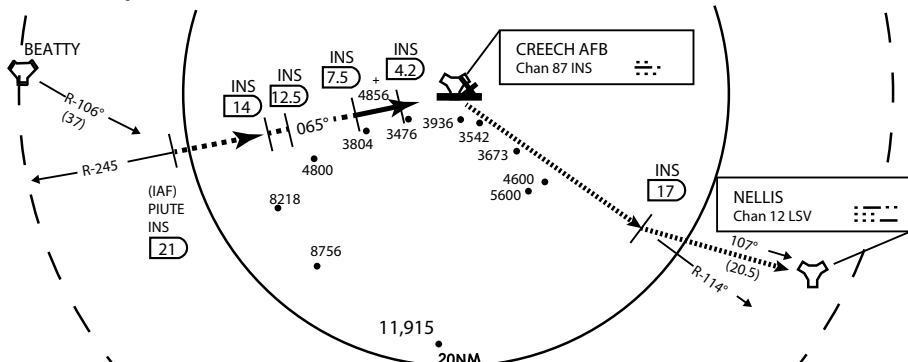
NOT ~~FOR~~ CIVIL USE

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



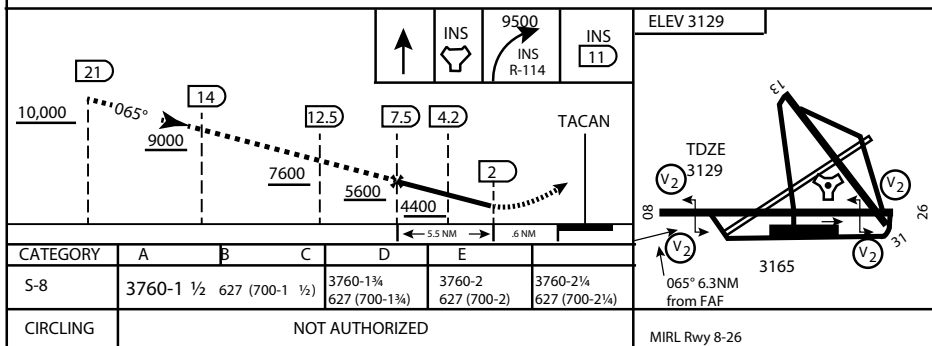
* CAUTION: Missed Approach Climb Rate to 4,700

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



CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)



