

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
2102/2023		Tiger 1		Training		311200AUG23		
Task						Freq		
AO	Range 63 Bomb Circle					261.15		
Departure				Recovery				
FYTTR THREE				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Tiger 1-1		Laud		1011	11Y	1551	01/01
-2	Tiger 1-2		Kosmoss		1012	74Y	1552	01/02
-3	Tiger 1-3		Jemi		1013	74X	1553	01/03
-4	Tiger 1-4		Ghost		1014	11X	1554	01/04

LOADOUT			
A/A	2xA9X		GUN 100% HEI-T
A/G	4x7MK5		CHF 60
POD			FLR 60
TKS	FPU-8A		FUEL 50%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	7645				

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	IP	LSV 315/25 (N36 36.450 W115 18.030)	15000	
3	Target	N36 37.110 W115 29.240	3041	
4	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	15000	
5	Nellis	N36 14.680 W115 01.500		

COMMS	
Radio	Usage
1	MIDS A 22 , MIDS B 44

NOTES

COMMS FLOW

(CS) Turning in

(CS) IP , ALT in Hot

(CS) Rolling , Pickle

Cross wind leg

(CS) Off Safe (N,E,S,W)

Down wind leg

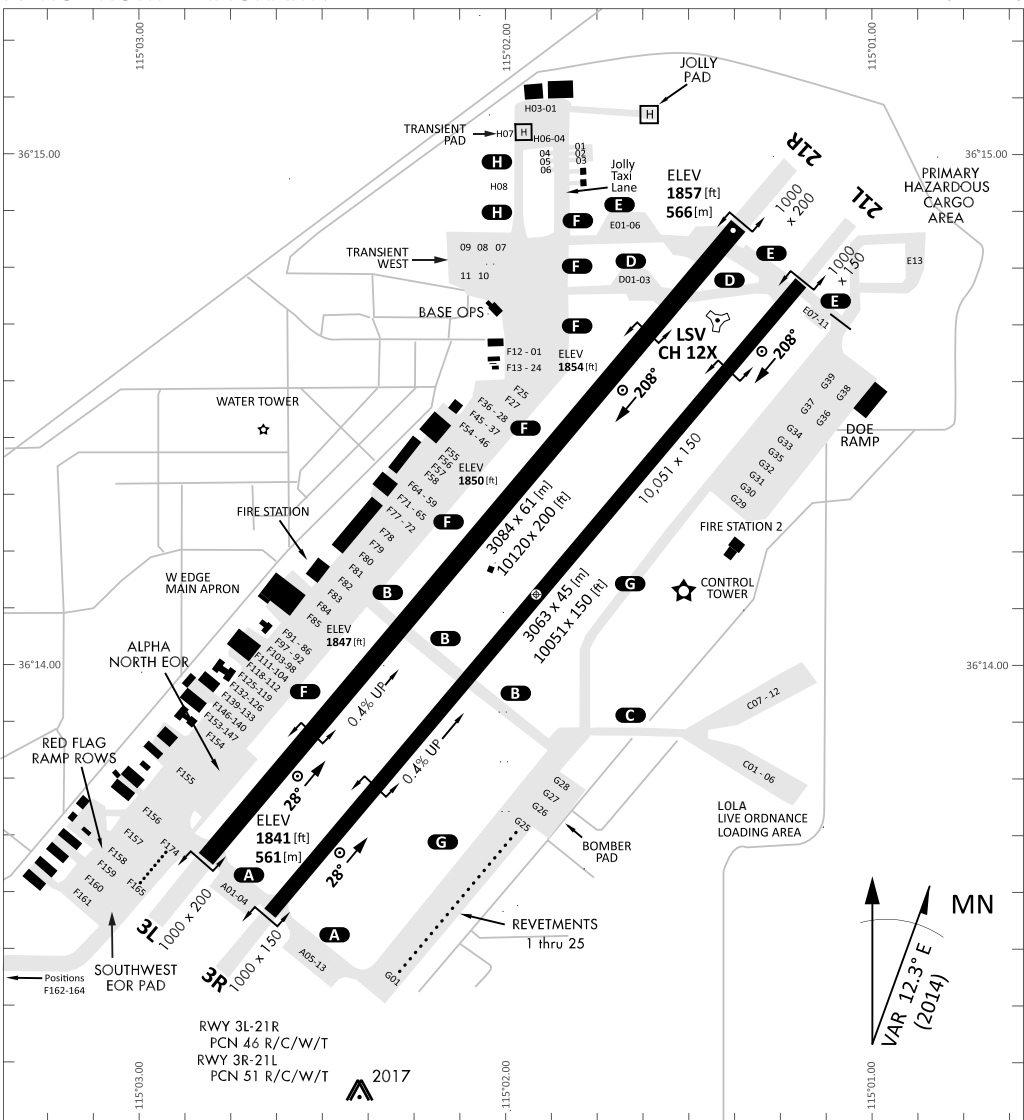
(CS) Turning Base

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		

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	
V	O	L	K	S	W	A	G	E	N	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	FMVR	NTY	KGB	EC	AQ	LXO	PI	HW	SU	JD
B	COWE	LAK	XMG	BJ	RT	SFD	NU	PH	YQ	IV
C	PTVY	GIK	RHL	MD	WN	OEA	QS	UB	XC	FJ
D	BFXM	WLV	GUQ	KT	PY	ROE	NH	DS	CA	JI
E	RKCG	QEO	SDF	NU	HB	IWP	JT	XA	YM	VL
F	SQVE	IYL	RMB	DU	WT	FPJ	NH	KA	XO	GC
G	YOLQ	HDW	VBS	NT	FA	JIP	MU	EC	XG	RK
H	HVQJ	KCX	FNS	GI	WR	MLU	TB	DP	EY	AO
I	UQGM	PAK	BHL	XS	EV	FDR	ON	TI	CW	YJ
J	NMFE	UDK	HBR	PC	XV	AQO	GS	TI	JL	WY
K	OANG	RCE	WJV	HB	TP	YIX	MK	UL	DS	QF
L	BSGY	AVI	TCN	EX	DP	UOH	RF	KJ	WL	QM
M	SRAV	EBF	PXQ	LH	GY	MKW	IT	JU	OC	ND
N	ONXQ	KSD	GMW	FJ	TI	VHR	CL	EY	UP	BA
O	GUOH	QFX	NSM	CD	IA	VPK	EY	RB	TL	JW
P	JUNS	GCD	AYP	VQ	TB	OEW	MX	HL	IF	KR
Q	QFTP	NHX	YRS	JB	DI	WEG	OK	UA	LM	VC
R	SOHC	TUR	BMI	YD	KE	PLF	JX	QV	AG	NW
S	KJBL	XFN	QET	RG	UI	MPD	VW	YC	HS	OA
T	WESG	DTH	XJQ	KO	UA	PRY	IV	MF	NL	BC
U	BFDE	RKO	HCT	WJ	IS	NYQ	VM	AG	XU	LP
V	NERM	UJS	OFT	LC	AD	PBI	GQ	KV	XY	WH
W	MXPH	LIS	RNU	OK	GB	WDC	FV	TY	JA	EQ
X	WYJM	EDP	KOG	HV	LT	QCU	AR	IN	XS	FB
Y	CAWB	PUN	YJT	HX	SQ	MKG	RV	LD	EO	IF

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

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

Ⓐ to 9300

ⓑ to 13 500

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

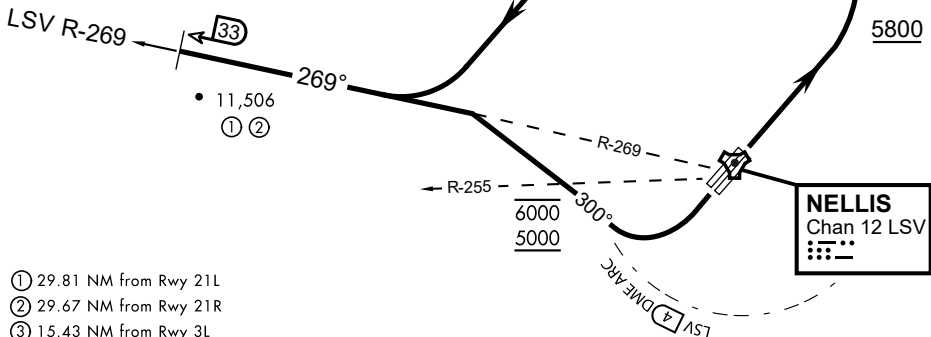
③ ④
7599 .

14.000

FYTTR

N3621.44

W11541.47



- 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

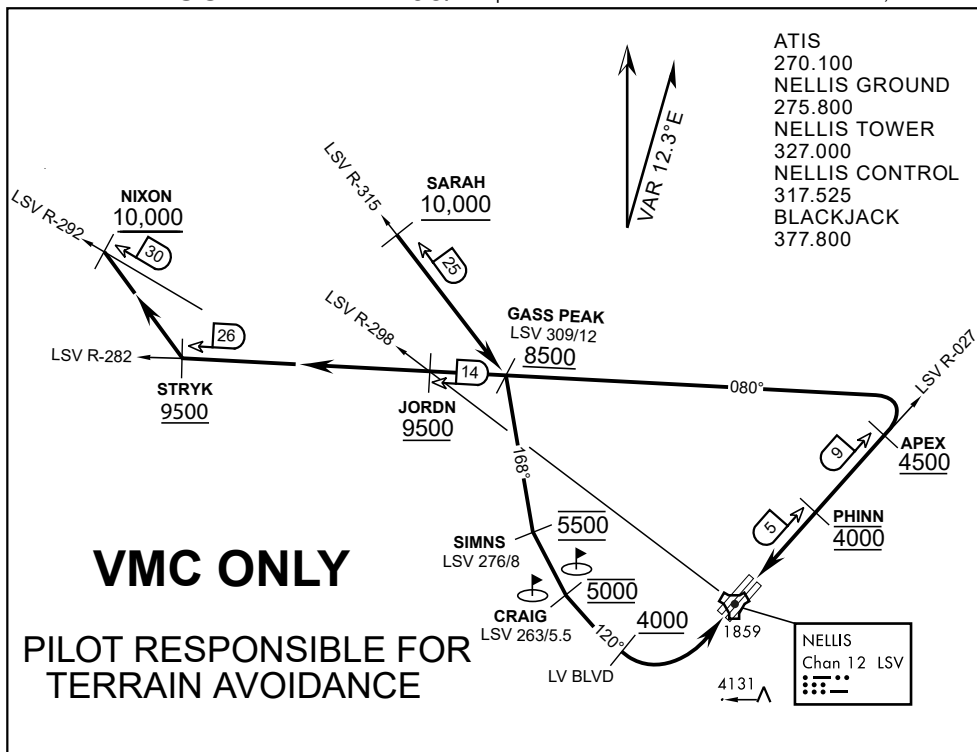
- Fly runway heading until reaching 5,800'.
- Then climbing left turn to intercept LSV TACAN R-269 outbound.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

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 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 direct KSV TACAN

114

NELLIS CON

CREECH AFB TOWER
118.30 660.60

GND CON

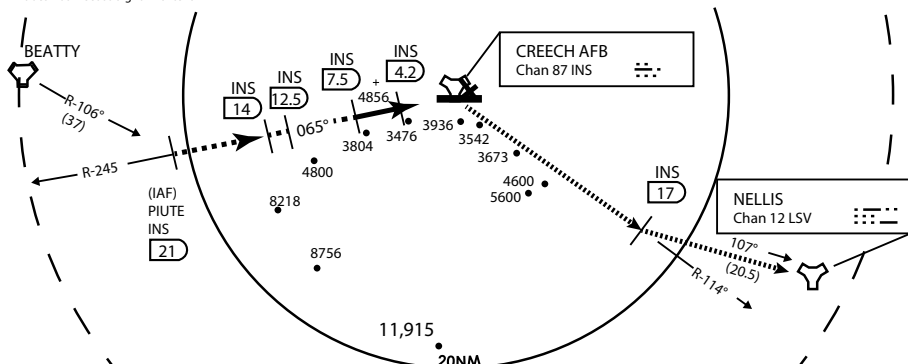
NOT FOR CIVIL USE

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



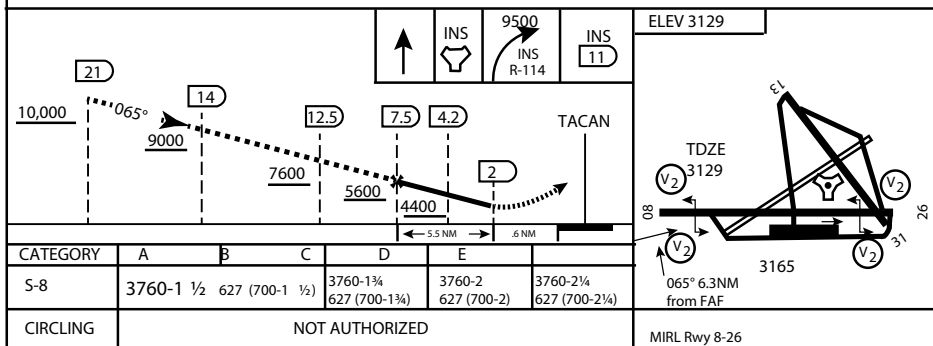
* CAUTION: Missed Approach Climb Rate to 4,700

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



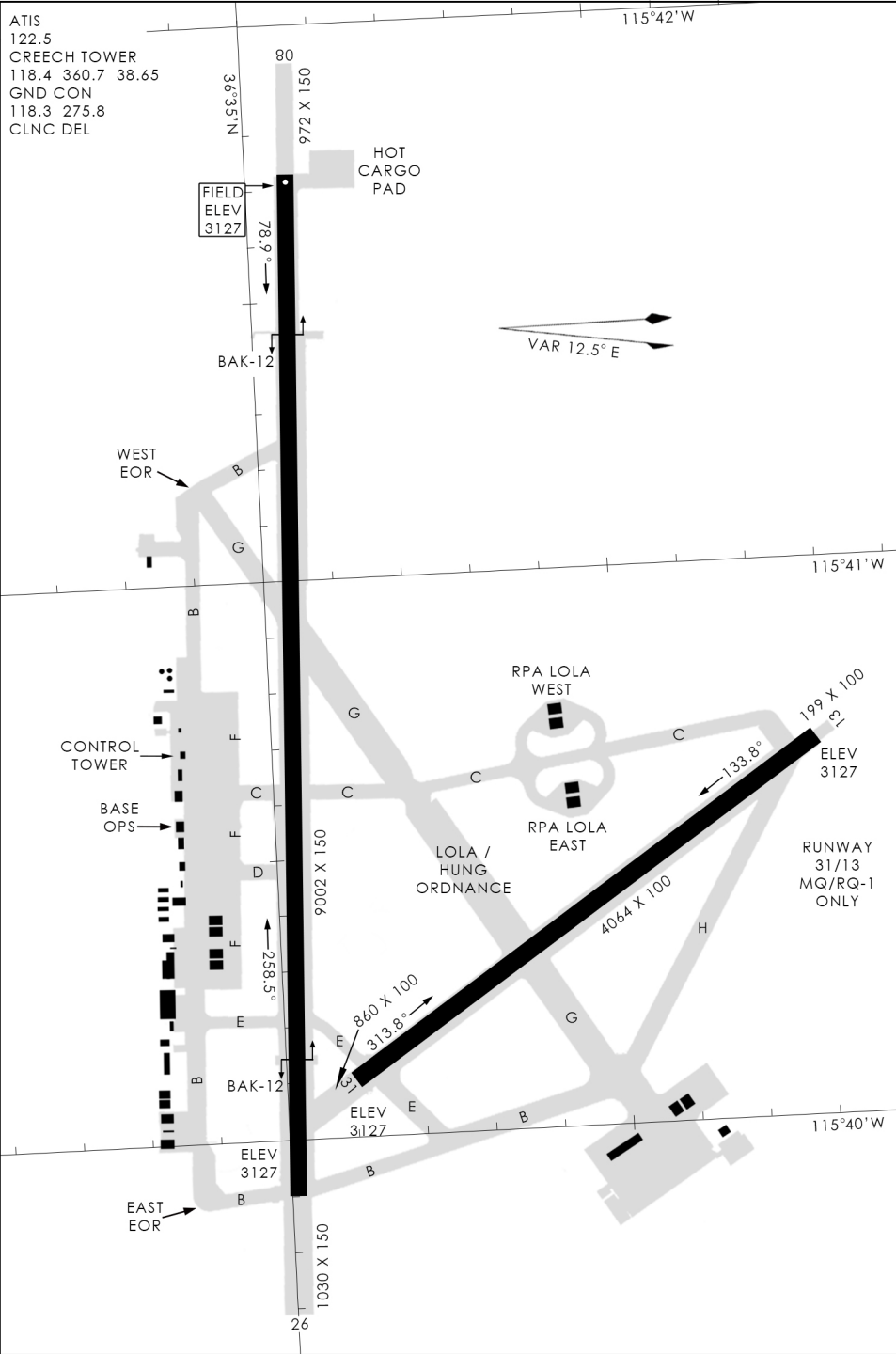
CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)

Modified by vJaBoG 66 for use with DCS
NOT FOR REAL LIFE NAVIGATION





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