

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
1830/2023		Raptor 1		Training		132000APR23	
Task	AAR/FLameout Landing						Freq
AO	Laughlin/Jean/Creech						134.0
Departure				Recovery			
DREAM FOUR				HI-TACAN RWY 8			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Raptor 1-1	Nerkub		1611	21Y	1561	
-2	Raptor 1-2	Woodman		1612	84Y	1562	
-3	Raptor 1-3	Void		1613	84X	1563	

LOADOUT			
A/A	2xA120C		GUN 100% HEI-T
A/G			CHF 120
POD			FLR 0
TKS	FT300		FUEL 100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	9166				

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

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	JUNNO	BLD 346/44 (N36 43.800 W114 52.770)	20000	
2	AAR	N36 28 40.053 W113 56 54.447	20000	
3	Laughlin	N35 09 59.301 W114 33 37.236	600	
4	Jean Airport	N35 46 20.455 W115 19 40.134	2800	
5	Death Valley	N36 18 05.011 W116 24 45.595	20000	
6	Creech AFB	N36 35 06.651 W115 41 14.861	3150	

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	GrpId	Laser
Edelweiss 1	Training	2x AH-64D	133.5	21/84		125X
	AO	Nellis, Winner LZ	Task	BFT		
BamBam 1	Training	2x AH-64D	133.5	21/84		156X
	AO		Task			
Tiger 2	Training	4x F/A-18C	261.25	11/74		155X
	AO		Task			
Raptor 2	Training	4x F-16C	134.5	21/84		156X
	AO	Laughlin/Jean/Creech	Task	AAR/FLameout Landing		
Panther 1	Training	4x F/A-18C	261.35	11/74		157X
	AO		Task	Fam Flight plus AAR		
T-Rex 2	Training	4x A-10C	132.25	27/90	25	165X
	AO		Task	FAM-Flight		
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
	AO	Whole NTTR	Task	FAM Flight NTTR		

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	
D	E	F	A	U	L	T	I	N	G	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	TEPL	BWG	ICK	OV	XD	RJA	QN	FS	UM	HY
B	UYAI	GPS	EWT	XR	MJ	BOH	VQ	KF	LN	CD
C	CMPD	RWU	ILE	TG	HY	ONQ	BV	XA	KF	JS
D	VRGU	DCQ	NFT	EY	JO	HLB	KM	AX	IS	WP
E	TDYX	UCP	EMJ	WO	IG	RNK	QB	HF	LA	VS
F	FPSV	KDN	HXA	LB	YM	OCJ	IT	RE	GW	UQ
G	OETD	NJS	CBM	YR	PQ	WXL	HU	IA	KV	GF
H	CWUD	VBH	IJG	NY	FQ	RMS	OP	AE	XL	KT
I	BYSF	MNK	TJX	OU	IG	QDR	AH	PC	EL	VW
J	SRMD	HWN	XCV	EF	YJ	IPT	UB	AQ	LK	GO
K	HDIC	TKN	GVB	SU	PO	MFJ	YQ	XR	LW	AE
L	OXDF	BGR	TES	CL	MH	YKA	NU	JP	QW	VI
M	DIEK	HUJ	CXQ	TR	BM	PSL	NV	YO	GW	AF
N	UXDW	GKH	NMC	EA	IO	RJB	QF	LV	PY	ST
O	VJKA	QBC	HPN	TD	OU	FLY	EX	RI	GM	WS
P	RTMG	NDA	QSE	UJ	YO	BIL	PF	HC	VK	WX
Q	BUMQ	PEY	OLV	WG	HJ	FAT	IX	NS	KC	DR
R	CIVX	SLB	YTP	NE	AR	JDQ	FG	UW	MO	HK
S	XEPS	DQK	LVW	OM	JB	YRC	TN	IA	FG	UH
T	LMDE	AKH	OYJ	RI	PT	SCB	NF	WG	VQ	XU
U	XYRW	UPT	ALD	VI	JE	HKM	FS	BQ	OC	NG
V	MFXT	KYG	VEJ	BO	AD	HUI	NP	LC	SQ	RW
W	GXJH	SQR	TCY	EV	KM	FBI	WA	LD	NO	PU
X	FCTL	VXM	HGP	UQ	JN	OAR	BS	WE	ID	YK
Y	YSJT	QPU	HGB	WM	EC	VFR	AD	KX	LO	IN

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 - Q.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

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

DREAM
N3710.34
W11459.53

MINTT
LAS 351/38
17,000

Rwy	Knots	60	120	180	240	300	360
* 3 L (a)	V/Vl(fpm)	269	538	807	1076	1345	1614
* 3 R (b)	V/Vl(fpm)	245	490	735	980	1225	1470
† 3 L (c)	V/Vl(fpm)	498	996	1494	1992	2490	2988
† 3 R (c)	V/Vl(fpm)	496	992	1488	1984	2480	2976
* 21 L (d)	V/Vl(fpm)	389	778	1167	1556	1945	2334
* 21 R (d)	V/Vl(fpm)	395	790	1185	1580	1975	2370
† 21 L (c)	V/Vl(fpm)	453	906	1359	1812	2265	2718
† 21 R (c)	V/Vl(fpm)	457	914	1371	1828	2285	2742

* Minimum † ATC Climb Rate

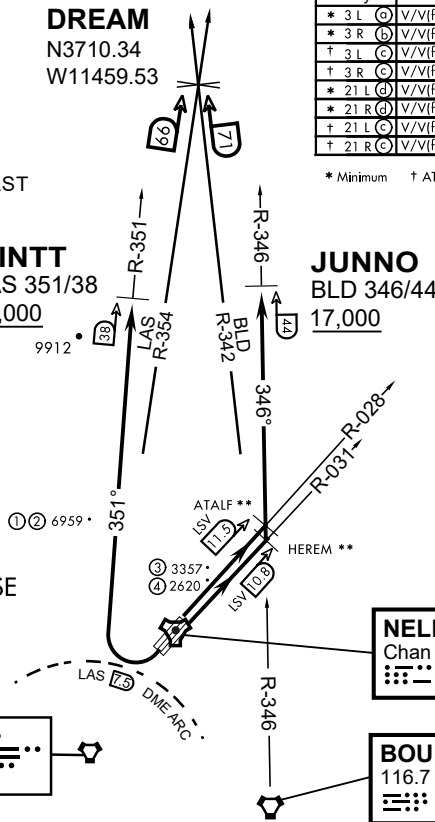
- (a) to 3600
(b) to 3100
(c) to 17,000
(d) to 8500
- ** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- ① 12.24 NM from Rwy 21R
② 12.40 NM from Rwy 21L
③ 5.67 NM from Rwy 3L
④ 5.85 NM from Rwy 3R

NOT FOR CIVIL USE

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

LAS VEGAS
116.9 LAS
Chan 116



NELLIS
Chan 12 LSV

BOULDER CITY
116.7 BLD
Chan 114

VAR 12.3°E



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 3L

- Fly runway heading to intercept the LSV TACAN R-028 then direct ATALF, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

TAKE-OFF RWY 3R

- Fly runway heading to intercept the LSV TACAN R-031 then direct HEREM, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

TAKE-OFF RWY 21L/R

- Turn right to intercept LAS VORTAC R-351 outbound. Remain North of LAS 7.5 DME turning Northbound. Intercept LAS R-351 between 5000 and 6000, do not proceed West of LAS R-351. Cross MINTT at or above 17,000, then via assigned route.

NOISE ABATMENT PROCEDURES: Fly acc. Nellis Noise Abatement instructions



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
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NELLIS CON	CREECH AFB TOWER 118.30 660.60	GND CON
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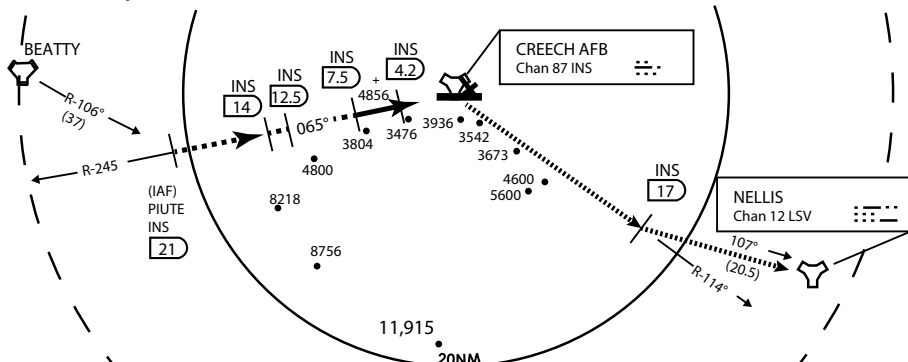
NOT FOR CIVIL USE

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				

MIRL Rwy 8-26

CITY OF INDIAN, NEVADA

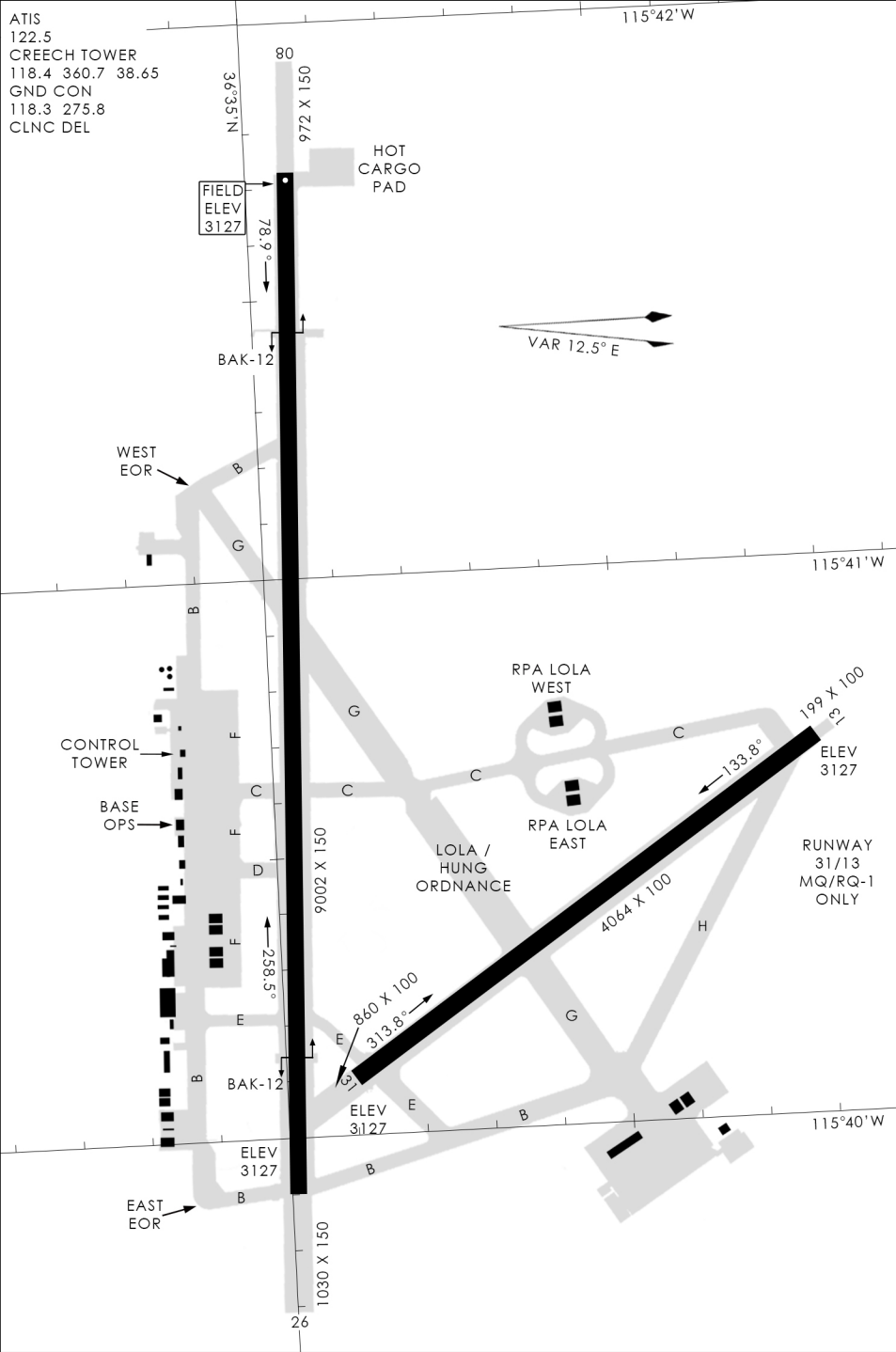
INDIAN SPRINGS AF AUX (KINS)

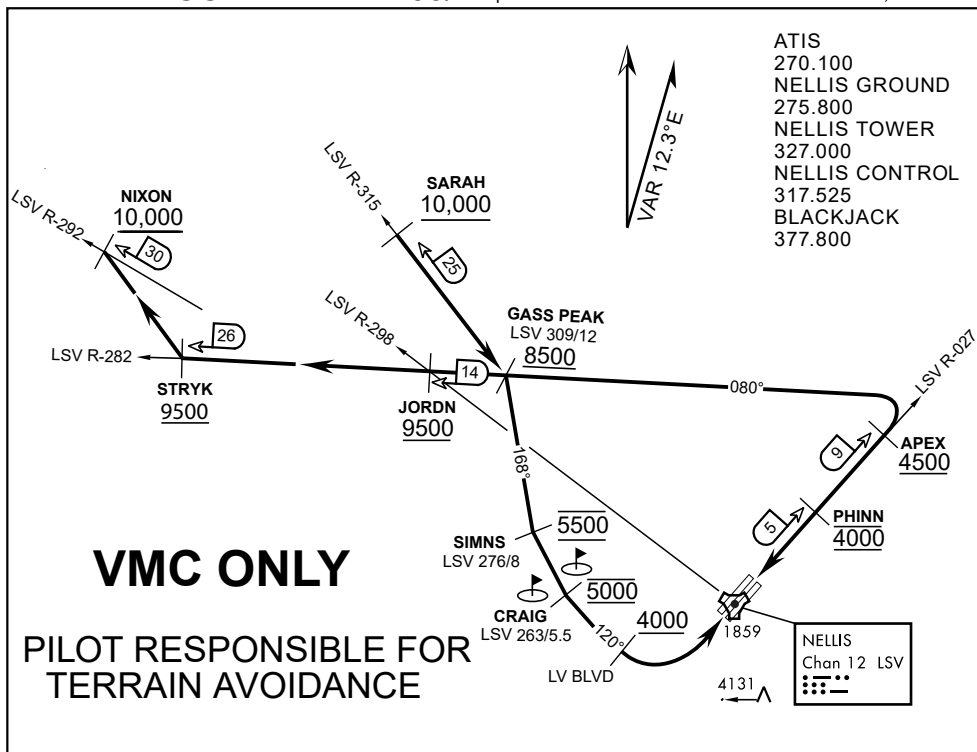
(FOR DAY VFR USE ONLY)

Modified by vJaBoG 66 for use with DCS

NOT FOR REAL LIFE NAVIGATION







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.

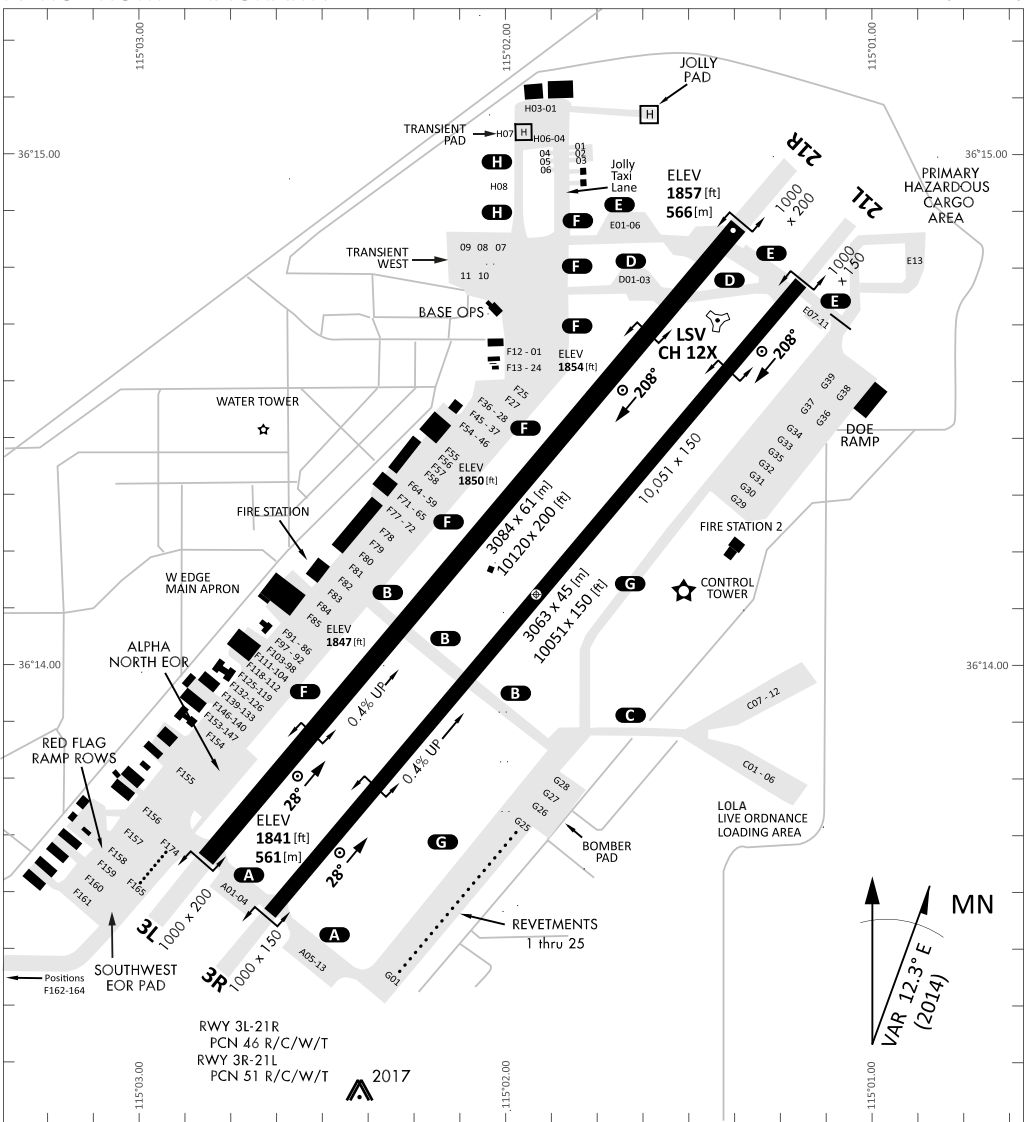
VFR STRAIGHT-IN RWY 21L/R

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.



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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