

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
1902/2023		Panther 1		Training		112000MAY23	
Task	CAS/JTAC Training					Freq	
AO	Range 64					261.35	
Departure				Recovery			
FYTTR THREE				HI-TACAN Y RWY 21L			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Panther 1-1	Razorback		1771	21Y	1671	41/01

LOADOUT			
A/A	2xA9X, A120C		GUN 100% HEI-T
A/G	2xG12, 2xA65E		CHF 90
POD	TGP		FLR 30
TKS	FPU-8A		FUEL 100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13047			3500	

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	N36 21 26.943 W115 41 27.294	12000	
2	Creech Tower Airspace	N36 35 41.067 W115 42 24.580	20000	
3	OFFset templ	INS 354/6 (N36 40 54 W115 40 24)	0	
4	Point Echo templ	INS 354/6 (N36 40.900 W115 40.400)		
5	TGT template	INS 354/6 (N36 40.900 W115 40.400)		
6	STRYK	N36 25 37.200 W115 30 42	10000	
7	GASS PEAK	N36 24 07.809 W115 10 47.254	8500	
8	Nellis AFB	N36 13 32 W115 02 37	1500	

COMMS	
Radio	Usage
1	3,4,16,19,16,4,3
2	Box 2: 261.35 (1) - OUTLAW2 33.65 (2)
3	MIDS A:23/B:44
4	OUTLAW2 33.65

NOTES

Outlaw2 33.65

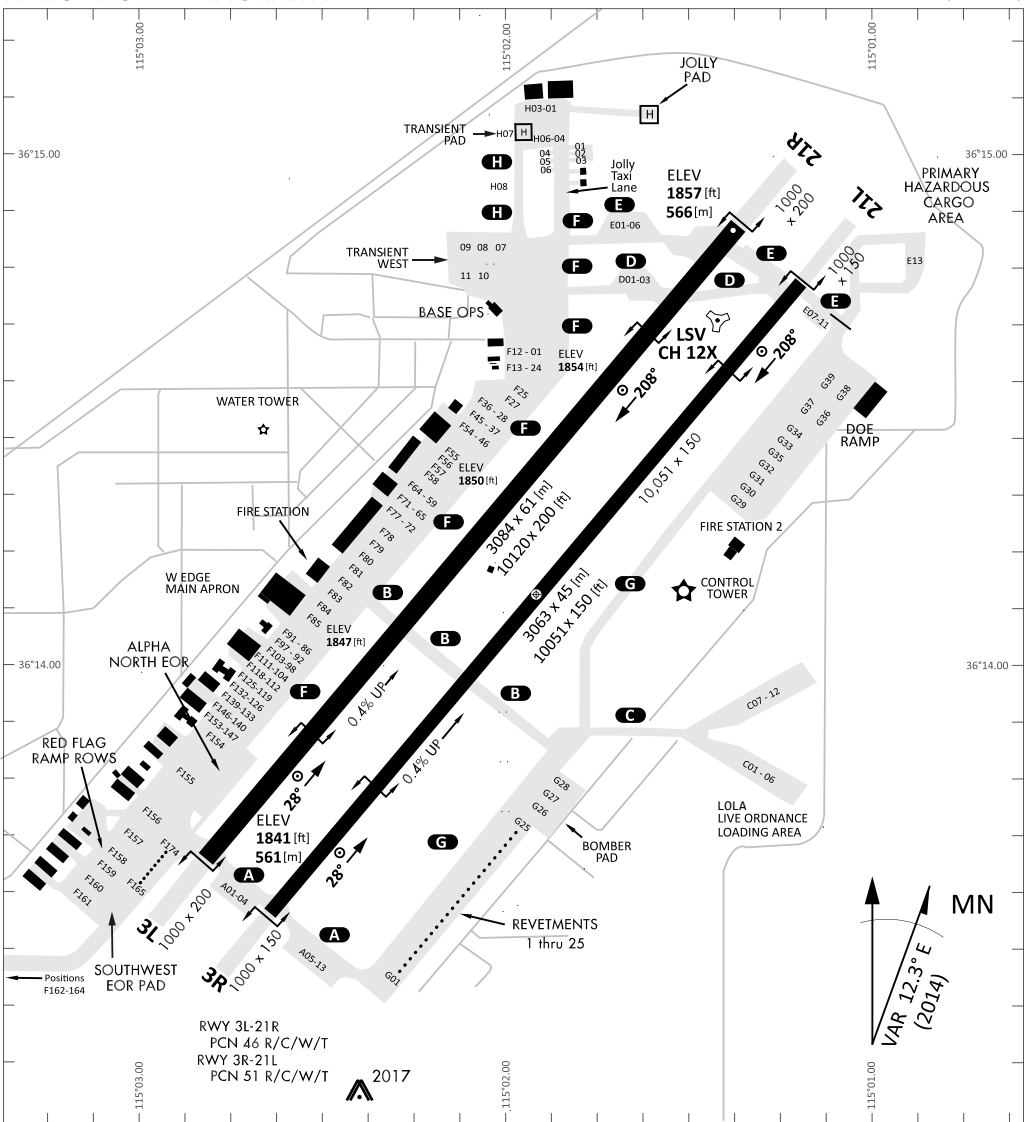
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		
FAC					
Callsign	Freq	Elev	Pos		
HILL			N3639.81 W11546.88		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Raptor 1	Training	4x F-16C	134.0	21/84		156X
	AO	Range 61	Task	Bomb Training - LGPs		
Outlaw* 2	Training	2x Ground	33.65	21/84		156X
	AO	Range 64	Task	JTAC		
Darkstar* 1	Training	2x Ground	33.5	21/84		156X
	AO	Range 63	Task	JTAC		
Cougar	Training	4x F-14B	261.25	21/84		156X
	AO		Task			
Monster 2	CAS	2x A-10C	132.15	27/90	21	164X
	AO	R63	Task			
Raptor 2	Training	4x F-16C	134.25	21/84		156X
	AO	Range 61	Task	Bomb Training - Pop&HD		

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	
T	R	A	V	E	L	I	N	G	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	MUCY	OPE	FWQ	DH	BX	ILK	RA	VG	NT	SJ
B	NVAR	CBD	XKI	YT	QM	UPE	HW	LS	FJ	OG
C	JBTN	PGF	HOS	IU	XM	KCV	DA	WQ	LY	RE
D	KIPT	FQL	CVG	SN	AR	HMY	DU	WE	JB	XO
E	LSGC	AFE	BYP	JV	NX	TQD	UO	MK	HR	WI
F	AJMH	OXG	QSV	UN	PW	DCR	TF	IB	YL	KE
G	BUVR	LIT	NCK	EH	PF	GOX	WD	YJ	QS	MA
H	JFQK	EVC	DAX	BG	MI	UYL	PW	SR	NT	OH
I	GLOS	XCT	NBV	KD	JQ	FIR	WA	HU	YP	EM
J	OBJA	LYI	WKR	XG	EM	VCD	HP	NT	FQ	US
K	IVQJ	YDN	FPO	MS	EG	UCR	LA	BX	KW	HT
L	HEQT	ASO	LXC	FG	MI	BJR	WD	PV	NU	KY
M	NUAI	HYB	FQM	EJ	WL	SXT	VK	PR	DG	OC
N	YXNC	JUI	GWF	KH	ES	QOB	DM	AP	VT	RL
O	DGMV	CKQ	LHA	WP	EY	OBX	RF	SI	UN	TJ
P	EBQF	TUP	RWO	AX	GV	HMC	LD	KN	JY	IS
Q	KUHJ	PGI	RNF	VC	AW	QTB	SX	DM	YL	OE
R	YWRS	FKP	VHA	CU	JX	TEG	NL	QD	OI	MB
S	SMJU	HPO	RNT	GK	WX	LBY	AI	QE	DV	FC
T	PEJC	BNX	OYS	WV	QG	HTA	MU	DR	KL	FI
U	AKRE	TLP	VGN	MB	CQ	WIH	SX	UF	YJ	OD
V	TYVS	RAL	UIF	OG	MD	JHQ	NP	EB	CW	KX
W	MWUL	XIE	JVD	HG	YN	QSB	RK	FC	OT	AP
X	EBGW	JNX	APO	TM	FY	VDU	RK	SC	HI	QL
Y	MELX	DRE	CYU	GB	QK	ISV	NP	TH	WA	OJ

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 36° 14.060' N 115° 01.058' W	ELEV 1857 [ft] 566 [m]	Scale 1:35'500						
	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

FYTTR THREE DEPARTURE

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

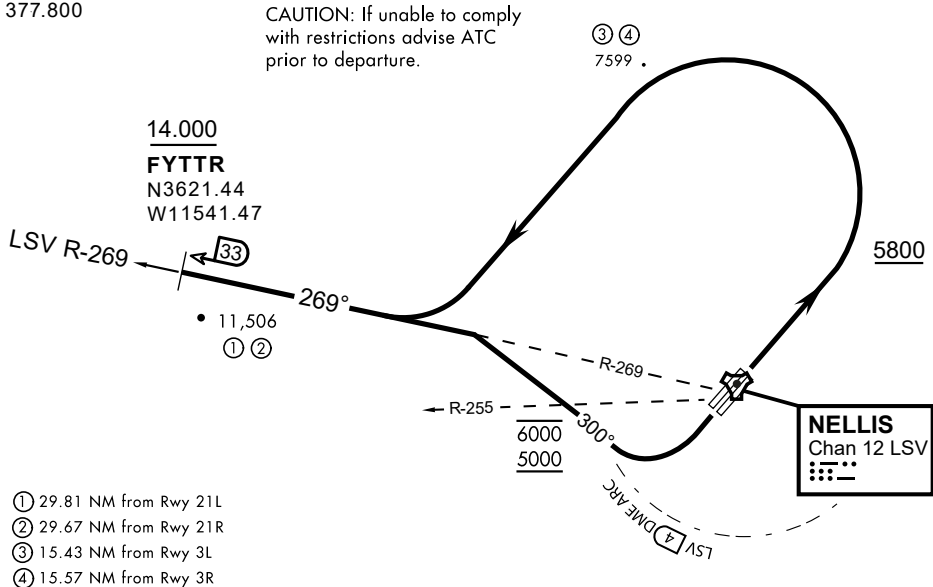
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



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

HI-TACAN Y RWY 21L

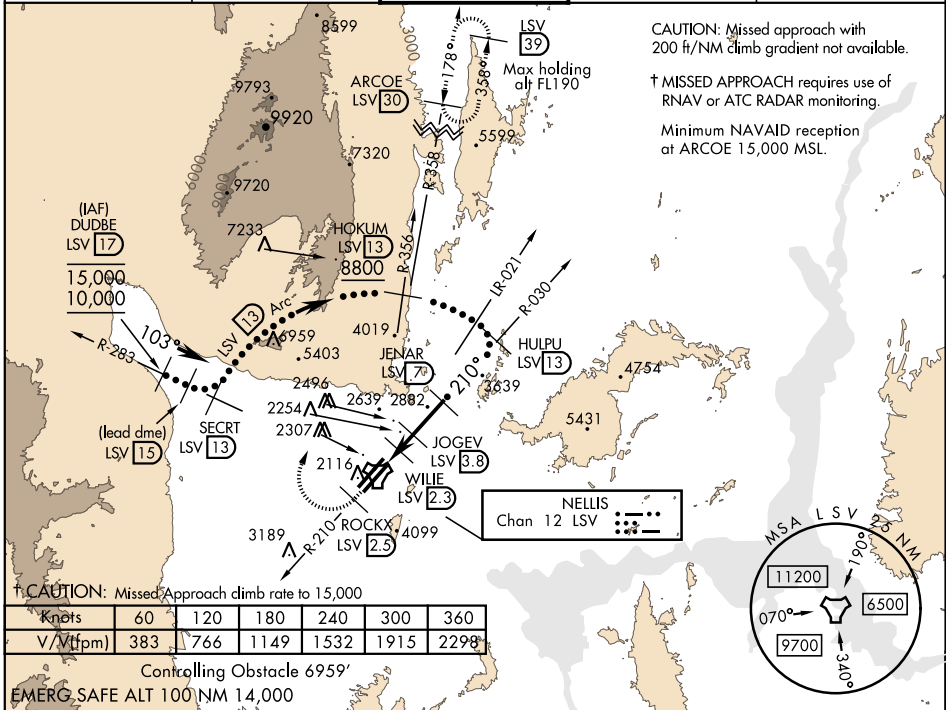
TACAN LSV Chan 12	APCH CRS 210°	Rwy ldg 21L 10,051 TDZE 1865 Arpt Elev 1869	Rwy ldg 21R 10,120 TDZE 1869
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JAL-227 [USAF] NELLIS AFB (KLSV)

⚠ When ALS inop, increase CAT CDE vis to 1¾ miles.
** Circling not authorized E of Rwy 3R-21L.

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 R-358 to ARCOE and hold, continue climb in hold to 15,000. Missed approach not for civil use.

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).			ELEV 1869	TDZE 21L 1865	TDZE 21R 1869
			ROCKX LSV 2.5	ARCOE R-358 30	
CATEGORY	C	D	E		
S-21L *	2460-1¼	595 (600-1¼)			
SIDESTEP 21R	2460-1	591 (600-1)			
CIRCLING **	2620-2¼ 751 (800-2¼)	2840-3 971 (1000-3)	3040-3 1171 (1200-3)		

HI-TACAN Y RWY 21L



INDIAN SPRINGS, NEVADA

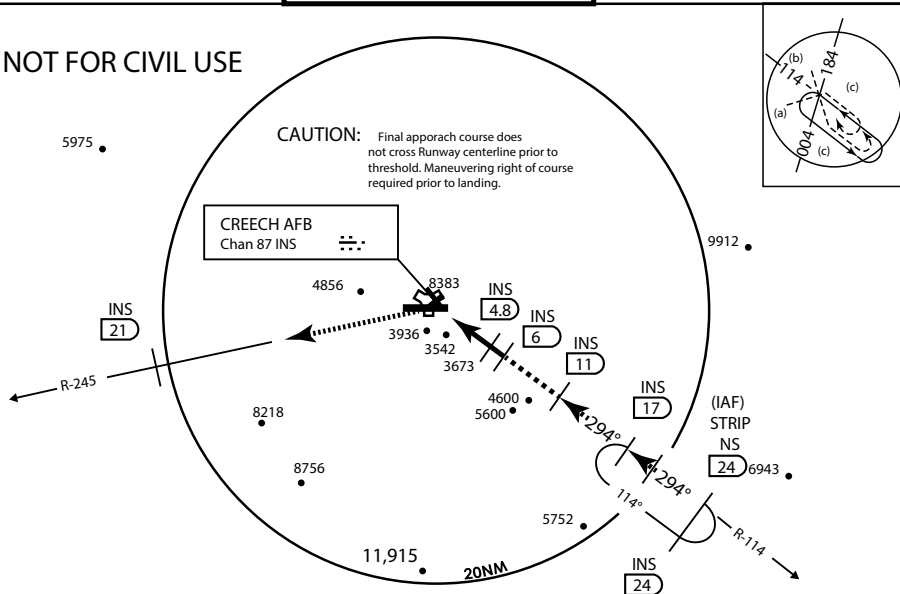
TACAN INS Chan 87	APCH CRS 294 °	Rwy Idg TDZE Arpt Elev	9002 3133 3113
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INDIAN SPRINGS AF AUX (KINS)

	* MISSED APPROACH: Direct INS then outbound INS t8-2#DME climbing to 10,000.
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NELLIS CON -	INDIAN SPRINGS TOWER 118.30 1360.60	GND CON -
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NOT FOR CIVIL USE

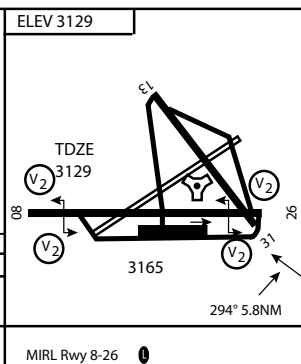
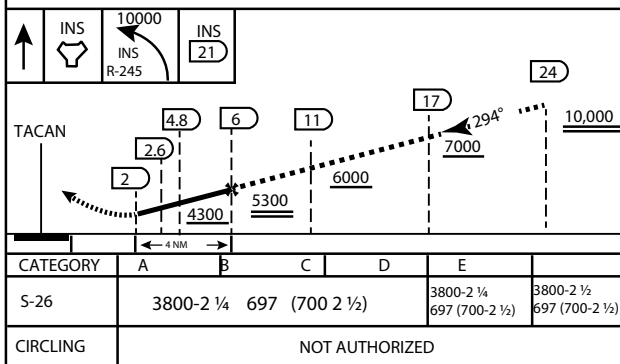


* CAUTION: Missed Approach Climb Rate to 4,700

Knots	60	120	180	240	300	360
V/V (fpm)	450	900	1350	1800	2250	2700

Controlling Obstacle 3936

EMERG SAFE ALT 100 NM 14,000



CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

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

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



