

MISSION DATA CARD						
OPORD		Callsign		Mission		Date/Time
872/2022		Edelweiss 5		Training		052000MAY22
Task	CAS Training					Freq
AO	RANGE 76 (JTAC Devil)					264.45
Departure				Recovery		
FYTTR THREE				HI-TACAN Y RWY 21L		
#	Callsign	Pilot		IFF	TCN	LSR NET
-1	Edelweiss 5-1	Prinz		1741	21Y	1741 04/01

LOADOUT			
A/A	2xA9X	GUN	100% SAPHEI
A/G	A65E, 2xLAU-61 - 19x MK151 HE, M82	CHF	90
POD		FLR	30
TKS	FPU-8A	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13047			35000	

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	FYYTR	N36 23 31.659 W115 21 40.963	10000	
2	JAYSN	N36 34.425 W116 02.444		
3	FLUSH	LSV 287/73 (N36 50.800 W116 20.270)		
4	GARTH	LSV 302/90 (N37 17.960 W116 21.260)		
5	E	N37 24.046 W116 53.725	5259	
6	Tgt 1	N37 24.046 W116 53.725	5259	
7	STRYK	N36 25 37.200 W115 30 42	12000	
8	GASS PEAK	N36 24 07.809 W115 10 47.254	8500	
9	Nellis AFB	N36 13 32 W115 02 37	1500	

COMMS	
Radio	Usage
1	11, 3, 4, 16, 11, 4, 3
2	A: 24 / B: 24
4	Thrash > 34,5 / Devil* 4 > 35,5

NOTES

<https://www.virtual-jabog32.de/forum/viewtopic.php?f=73&t=14633>

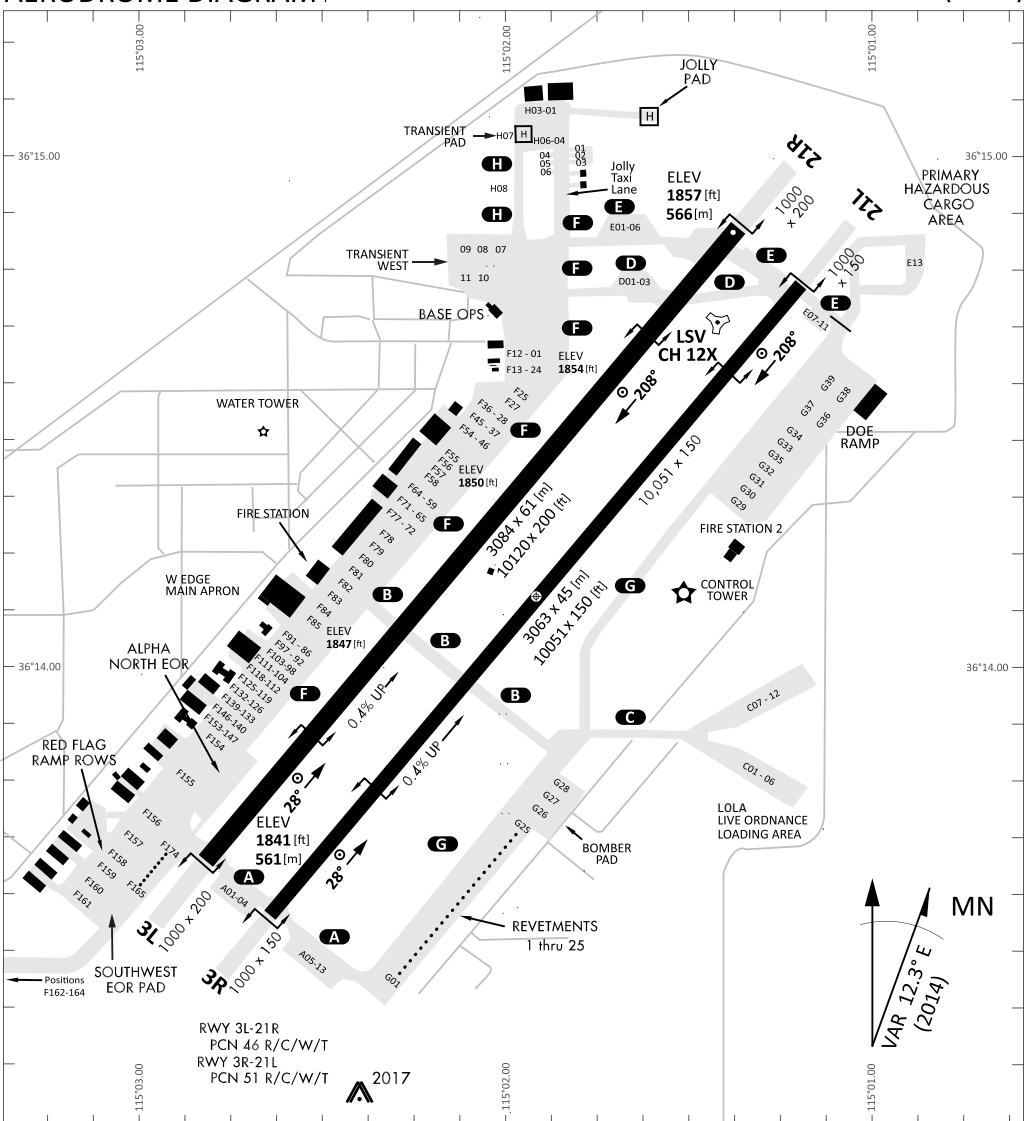
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
SHELL 2		115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
BamBam 4	Training	2x AH-64D	133.25	21/84		156X
	AO	LATNC	Task			
Trash* 5	Training	1x Ground	34.5	21/84		156X
	AO	R62	Task	JTAC		
Devil* 7	Training	1x Ground	35.5	21/84		156X
	AO	R76	Task	JTAC		
Boar 3	Training	2x A-10C	132.35	27/90	23	153X
	AO	R62	Task	CAS		
T-Rex	Training	2x A-10C	132.25	27/90	25	165X
	AO	R76	Task	CAS		
Monster 4	Training	2x A-10C	132.15	27/90	27	151X
	AO	R62	Task	CAS		

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	U	P	L	I	C	A	T	O	R	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	RWCT	SHX	PGO	NB	EA	YQU	JV	FI	LD	KM
B	YXPC	KNV	OIL	AM	BS	JHQ	TG	UD	RE	WF
C	GUYT	SEF	IHR	BL	QO	KCX	VJ	WP	ND	AM
D	OBIK	XYA	VSJ	NC	PD	FQH	WT	LG	RU	ME
E	XUWS	AEQ	HYT	CL	KN	GPJ	MF	BD	RV	IO
F	IKLH	VJF	ESC	YN	MG	XDA	TB	OU	QR	WP
G	RWAN	YFU	IJB	GC	DO	VHK	PM	TL	QX	ES
H	NQVF	LSU	KIG	DR	EH	MJT	PB	OC	XY	AW
I	SYMX	BIT	WOR	VD	FQ	KHG	LN	CE	AP	JU
J	CYXM	EAH	LKW	FR	NP	UOT	DJ	GS	IQ	BV
K	QSBY	NXH	VOU	GK	IT	DCF	ME	AR	LW	PJ
L	UDMV	HOA	CFK	BI	ER	QLN	GP	TY	WS	JX
M	NEUW	BYX	CMR	OI	HS	PLQ	TG	AJ	FD	KV
N	VEUF	DON	SMP	CY	WX	BHR	IJ	TK	LA	QG
O	OFXB	AWT	SVI	MH	KE	CRD	GL	UY	JN	PQ
P	ESRC	ALV	GTB	HJ	QY	FXK	DI	OU	PN	WM
Q	CDUF	TAH	YWP	BL	IK	EJN	QR	SG	OV	MX
R	BVEM	NHD	PSG	RI	QJ	FLU	WY	AC	TX	OK
S	OGIX	CVU	ENR	AQ	PH	FTM	YS	DK	JW	LB
T	REIQ	FKD	VNC	HU	WJ	AXT	SG	MO	PL	BY
U	AXPI	TBG	DVS	YO	EF	LJM	QN	UH	CK	WR
V	LXVB	HMK	RQO	NA	JT	FCY	UE	IP	GD	WS
W	UVDW	ICJ	NSK	FL	BE	XTG	QM	YO	RH	AP
X	KRPQ	NCB	VDS	IX	GT	UHM	JY	FA	WO	EL
Y	NLDE	IFX	CBQ	SK	TA	RGW	MU	JV	OH	PY

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
	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	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

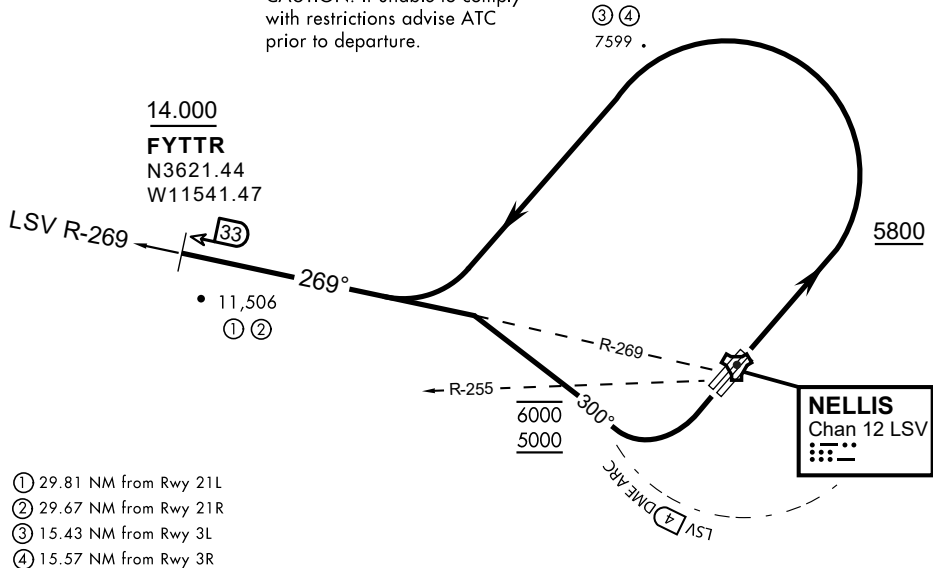
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



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.

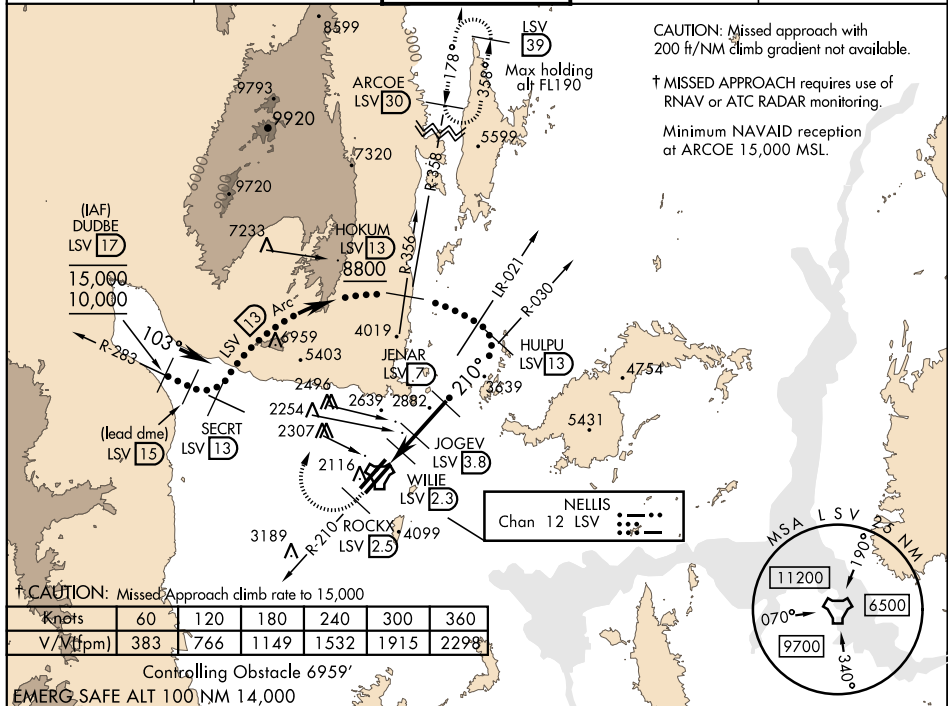
NOISE ABATEMENT PROCEDURES:

Fly according to Nellis Noise Abatement instructions as published

HI-TACAN Y RWY 21L

TACAN Chan 12	LSV 210°	APCH CRS 210°	Rwy ldg 21L 10,051 TDZE 1865 Arpt Elev 1869	Rwy ldg 21R 10,120 TDZE 1869	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).

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

HIRL all Rwy

HI-TACAN Y RWY 21L

SW-4, 05 DEC 2019 to 02 JAN 2020

SW-4. 05 DEC 2019 to 02 JAN 2020



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)

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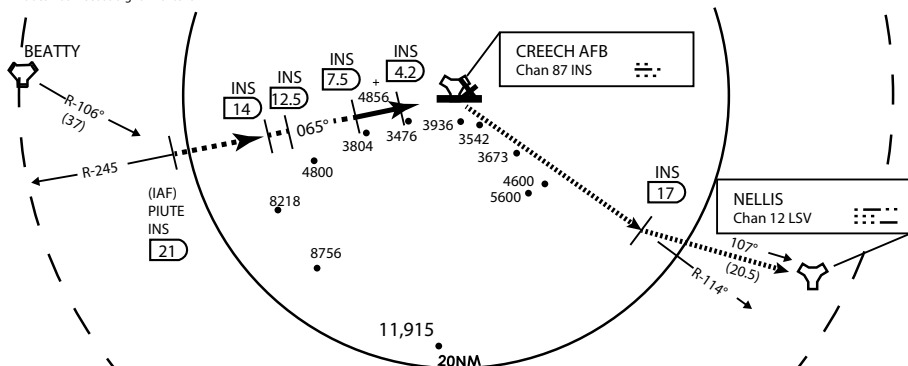
NOT FOR CIVIL USE

FOR USE UNDER BASIC VFR
WEATHER MINIMUMS ONLY

PILOT IS RESONPSIBLE
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

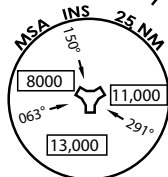
CAUTION: Final approach course crosses
Runway centerline at MIDFIELD. Maneuvering
left of course required prior to landing. Do not
Maneuver farther north than the INS R- 258



* 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

					ELEV 3129	
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



