

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1068/2022		Edelweiss 1		Training		140930AUG22		
Task						Freq		
AO						264.15		
Departure				Recovery				
DREAM FOUR				HI-TACAN Y RWY 21L				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Edelweiss 1-1		Laud		1711	21Y	1711	
-2	Edelweiss 1-2		Prinz		1712	84Y	1712	

LOADOUT			
A/A			GUN
A/G			CHF
POD			FLR
TKS			FUEL

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	10803				

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

NOTES

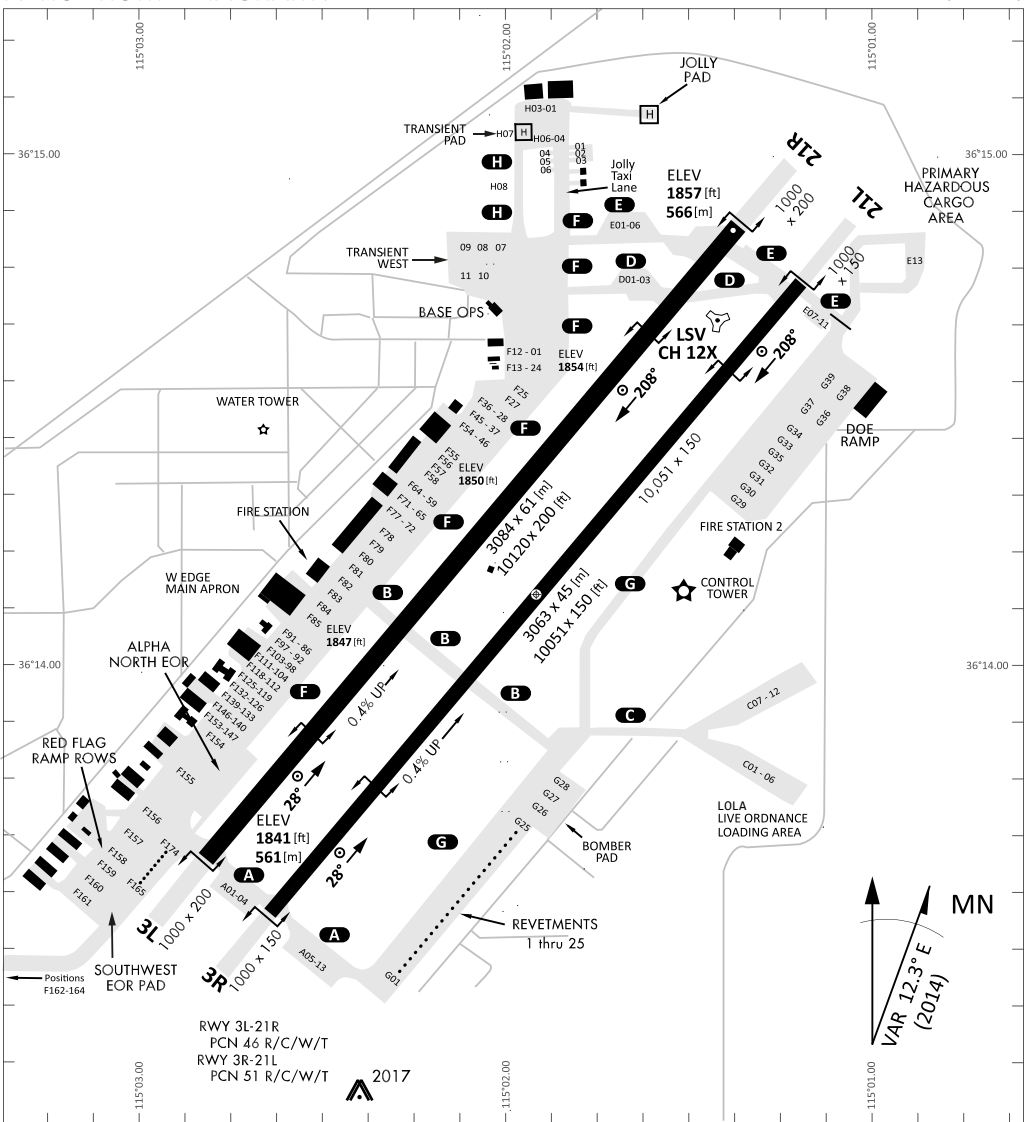
#1 Tacan 90 Radial 280° 30 Outbound
#2 Tacan 87 Radial 349° 20 Inbound

SUPPORT				
Tanker				
Callsign	TCN	Freq	ALT	TAS
SHELL 2	115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)		

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	H	U	M	B	S	C	R	E	W	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	DNAP	BRY	SJC	FL	KG	TOU	VI	HE	MW	XQ
B	JSFP	KCI	ALH	GN	QV	DEO	XM	BU	YR	TW
C	UHEQ	CTP	RBK	OF	VW	ASX	ND	LJ	YI	MG
D	WLVC	OEH	QPN	UB	DI	JFT	MA	GX	SR	YK
E	QVLG	CBS	RMO	PU	IY	FAD	EJ	XW	KN	HT
F	JLVM	UQB	YKE	FR	WX	TGP	AC	OI	SH	ND
G	RHIP	KQN	SFB	YE	VO	ULC	AX	TD	GM	JW
H	UEGP	QKA	XWR	IV	LO	JTH	SF	CY	MB	DN
I	CRDB	SPI	MLV	WT	YK	HXJ	FG	QE	UA	ON
J	ATGH	FDW	MKX	VR	YU	EQS	NL	OB	JI	CP
K	CYVT	SFB	KGD	AO	RN	QEM	IH	LJ	PX	WU
L	DOTW	GIX	YVQ	NS	KB	AJH	UM	FR	CP	LE
M	AGCP	RMH	JLO	KD	SN	QUW	BY	FE	VT	XI
N	UFCH	JGK	YPI	WQ	MV	LXB	ED	RN	SA	OT
O	YPIU	BHV	WNL	JA	DQ	FER	KG	SC	TM	XO
P	FIHU	WSP	XAN	RM	JK	OLG	CD	BY	VE	QT
Q	WDYI	ESO	JKT	MH	AV	XGL	UQ	NF	CB	PR
R	MSNV	PDK	XAU	TR	OF	CWJ	YB	HL	QG	IE
S	SHVG	XFR	CYU	TL	KD	EQO	BP	IW	JA	NM
T	TSMJ	EPR	HLW	VI	DA	FCN	OG	XY	BU	KQ
U	NREP	CJD	AGH	YT	WL	XKM	OI	FB	QV	US
V	EVIY	WKS	ONA	HD	XT	CRQ	MB	JL	UF	GP
W	KTFD	EXV	MBY	OL	NR	CAJ	UP	QH	WG	IS
X	VAYM	NQO	KFB	LT	JP	EXR	HC	WS	GD	UI
Y	JLRP	HAM	BTN	EY	DQ	SFV	IC	KU	OG	XW

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 - 0.8 200 (200-0.8/1.6) GS 3°				030060090012001500 [m]	
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°					
	21R	A C D E	2257 - 1.2 350 (350-1.2/1.6)				010002000300040005000 [ft]	
SRA	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/V(fpm)	269	538	807	1076	1345	1614
* 3 R (b)	V/V(fpm)	245	490	735	980	1225	1470
† 3 L (c)	V/V(fpm)	498	996	1494	1992	2490	2988
† 3 R (c)	V/V(fpm)	496	992	1488	1984	2480	2976
* 21 L (d)	V/V(fpm)	389	778	1167	1556	1945	2334
* 21 R (d)	V/V(fpm)	395	790	1185	1580	1975	2370
† 21 L (c)	V/V(fpm)	453	906	1359	1812	2265	2718
† 21 R (c)	V/V(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

HI-TACAN Y RWY 21L

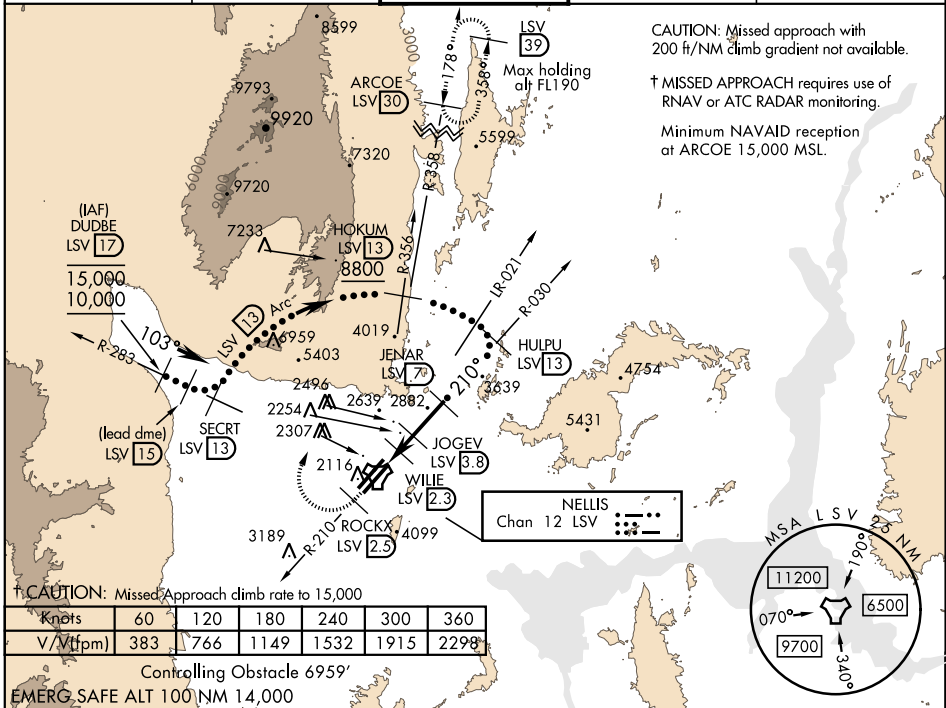
TACAN LSV Chan 12	APCH CRS 210°	Rwy ldg 21L 10,051 TDZE 1865 Arpt Elev 1869	Rwy ldg 21R 10,120 TDZE 1869
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JAL-227 [USAF] NELLIS AFB (KLSV)

⚠ * 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).	15,000 LSV R-210	ROCKX LSV 2.5	hdg 020°	ARCOE R-358 30	ELEV 1869	TDZE 21L 1865	TDZE 21R 1869
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