

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
405/2021		Edelweiss 3		Training		222000NOV21		
Task	IFR, AAR, Formation					Freq		
AO						261.25		
Departure				Recovery				
MORMON MESA FOUR				HI-TACAN Z RWY 21L				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-2	Edelweiss 3-2		Bruce		1302	84Y	1562	
-3	Edelweiss 3-3		Repsus/Lempo		1303	84X	1563	

LOADOUT			
A/A	2xA9L, 2xA7M		GUN 100% HEI
A/G	4x4MK71		CHF 140
POD			FLR 60
TKS	2xFT300		FUEL 50%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	12106				

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	MMM	N36 46.157 W114 16.648	21000	
2	BTY	N36 48.035 W116 44.858	22000	
3	OAL	N38 00.195 W117 46.227	22000	
4	Roundevous	N37 29.900 W118 07.370	22000	
5	BTY	N36 48.035 W116 44.858	21000	
6	WHIGG	N35 40.480 W115 31.420	21000	
7	BLD	N35 59.750 W114 51.820	8000	
8	LOC LAS	N36 04.770 W114 53.400	5000	
9	LAS	N36 04.782 W115 09.588		
10	WHIGG	N35 30.480 W115 31.420	6000	
11	BLD	N35 59.750 W114 51.820	21000	
12	SUVIE	N36 21.570 W114 48.290	21000	
13	ARCOE	LSV 357/30 (N36 44.260 W114 55.020)	20000	

COMMS	
Radio	Usage
1	ATIS 270.1, GND 121.80, TWR 327.0, 16, ARCO1 319.8, 16, LSV 119.90, 16, ATIS 270.1, TWR 327.0, GND 121.80

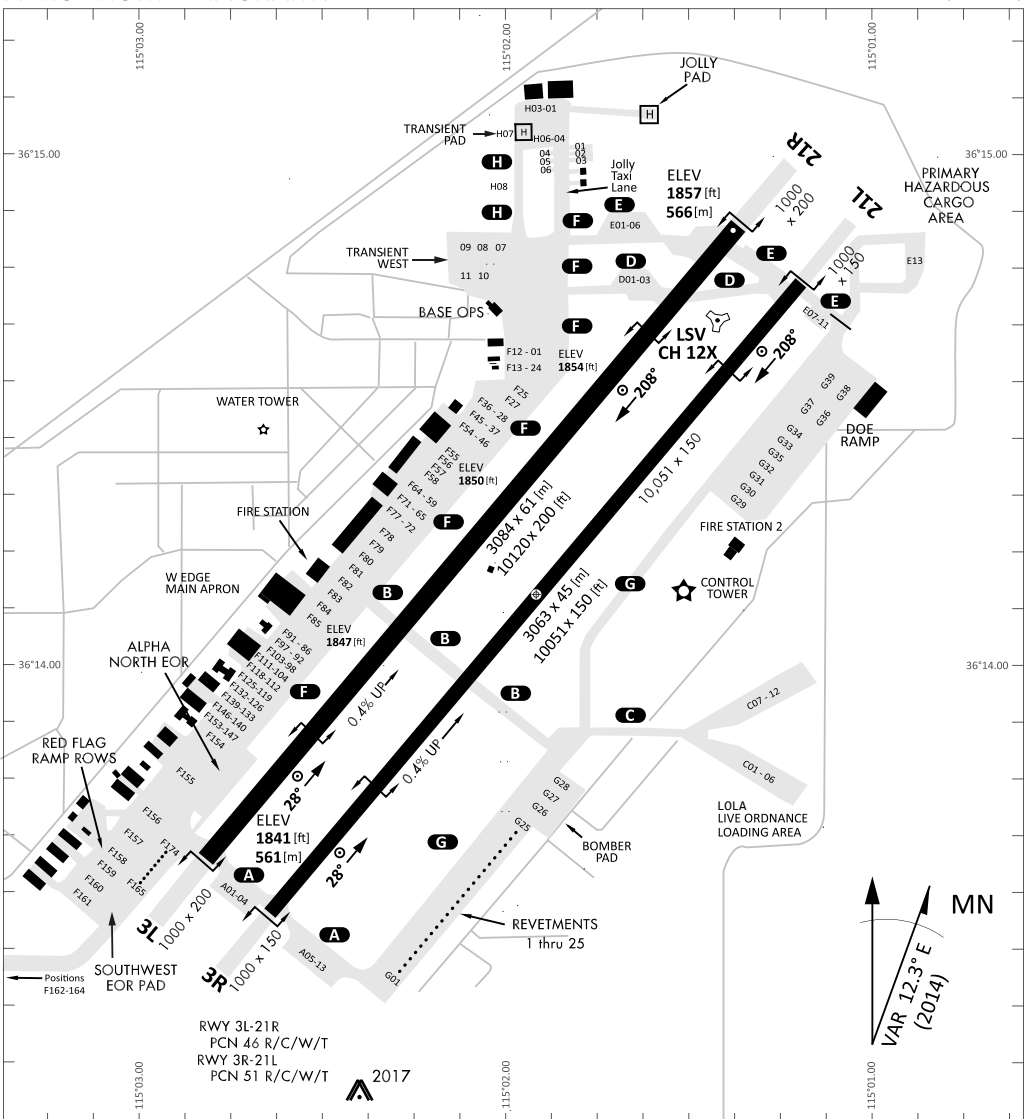
SUPPORT				
Tanker				
Callsign	TCN	Freq	ALT	TAS
ARCO 1	113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Edelweiss 2	Training	3x F-16C	261.25	21/84		156X
	AO		Task	IFR, AAR, Formation		
Edelweiss 1	Training	3x F/A-18C	261.25	21/84		156X
	AO		Task	IFR, AAR, Formation		
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
	AO	Elgin	Task	AAR & Formation Training (Night)		
Monster 1	Training	3x A-10C	132.15	25/88	21	161X
	AO	R64	Task	Buddy Lasing with Mavericks		
T-Rex 2	Training	2x A-10C	132.25	27/90	25	165X
	AO	R63	Task	Buddy Lasing with Mavericks		
Lion 1	Training	3x F-16C	134.0	41/104		158X
	AO	R61	Task	A2G JDAMs Rader Training		
Panther 5	Training	4x F/A-18C	261.35	31/94		157X
	AO	North War/ SA-11 active	Task	Training PreBriefed HARM		

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

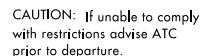
RAMROD										
0	1	2	3	4	5	6	7	8	9	
C	H	A	R	M	I	N	G	L	Y	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	XMUA	KGB	HYD	FE	TO	LWN	VC	IJ	PQ	RS
B	LCDO	FUA	KJP	HV	XB	TMI	EY	SG	NR	QW
C	IUSY	HAX	NKJ	WD	OT	QRP	BF	GL	CM	EV
D	TPNI	XKE	FAO	UW	JY	QSM	GH	VB	CR	DL
E	FOWK	CVG	QMJ	BD	PE	RUA	NS	IY	LT	XH
F	FPSB	TIC	EDX	JY	QA	WGM	KV	NH	OU	RL
G	TNFB	RIA	VKE	CO	XY	HMD	LJ	GU	QS	WP
H	VXIH	BNF	OAT	PY	LK	RJE	DM	GU	SQ	CW
I	MXWY	HKB	CFJ	LR	QE	DUN	GA	OV	ST	PI
J	MTWQ	BVR	UDA	FG	YN	OHX	IC	KJ	LE	SP
K	AYOL	QDS	JFW	VR	XB	PKT	UI	EH	NM	CG
L	BMPL	XQR	FKJ	IN	EW	TGY	US	HV	CD	OA
M	GXVD	KUB	FRP	MT	NW	HSE	QY	OJ	CL	AI
N	HRAV	WJS	MIT	QL	PF	BYK	CU	NX	OD	EG
O	GXMT	BRN	HJQ	EL	VA	KPS	IO	WC	YF	DU
P	TIPN	JXH	OVL	DU	MB	CRY	GW	QS	FK	EA
Q	DATO	SLN	CUH	YM	WJ	RKP	QV	XI	EF	BG
R	HXLT	GWV	YPA	NF	KU	SOR	BC	MI	JD	QE
S	CVKM	ROE	FDW	XG	YU	SQT	IL	JN	PB	HA
T	LVIT	OYC	RPK	BJ	UD	EXW	MQ	HN	SF	GA
U	RCPL	BUD	ETG	SW	IO	HNA	XY	KM	JF	VQ
V	DMCT	LXE	UFI	SQ	AO	GYB	RH	KN	JW	PV
W	TKXQ	RWS	BNI	CH	AU	YOM	FD	LJ	EG	PV
X	FGWE	CJA	PTD	KY	MO	HRN	BQ	LV	XI	SU
Y	JQGL	FHW	OKU	BA	VP	IRS	YE	MN	DX	CT

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 - 0.8 200 (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

R-224 19,000



Rwy	Knots	60	120	180	240	300	360
* 3L (a)	V/V(fpm)	291	582	873	1164	1455	1746
* 3R (b)	V/V(fpm)	258	516	774	1032	1290	1548
* 21L (c)	V/V(fpm)	529	1058	1587	2116	2645	3174
* 21R (d)	V/V(fpm)	536	1072	1680	2144	2680	3216
† 3L/R (e)	V/V(fpm)	359	718	1077	1436	1795	2154

* Minimum † ATC Climb Rate

(a) To 3600
(b) To 3200
(c) To 17,000
(d) To 13,500
(e) To 19,000

TAKE-OFF RWY 3L

- Fly runway heading to intercept the LSV TACAN R-027 then direct CUVAX, intercept the MMM VORTAC R-219 then direct MMM climbing to FL190 or as assigned, then via assigned route.

- Fly runway heading to intercept the LSV TACAN R-031 then direct ZINAX, intercept the MMM VORTAC R-217 then direct MMM, climbing to FL190 or as assigned, then via assigned route.

- Turn right to intercept MMM VORTAC R-224 prior to MMM 47 DME, remain North of the LAS VORTAC 7.5 DME, remain East of LAS R-355, intercept MMM R-224 then direct MMM cross MMM at or above FL190. then via assigned route.

NOISE ABATMENT PROCEDURES: Fly acc. Nellis Noise Abatement instructions

HI-TACAN Z 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
----------------------	------------------	---	---------------------------------

JAL-227 [USAF]

NELLIS AFB (KLSV)

▼* When ALS inop, increase CAT CDE vis to 1½ miles.
 ** Circling not authorized E of Rwy 3R-21L.



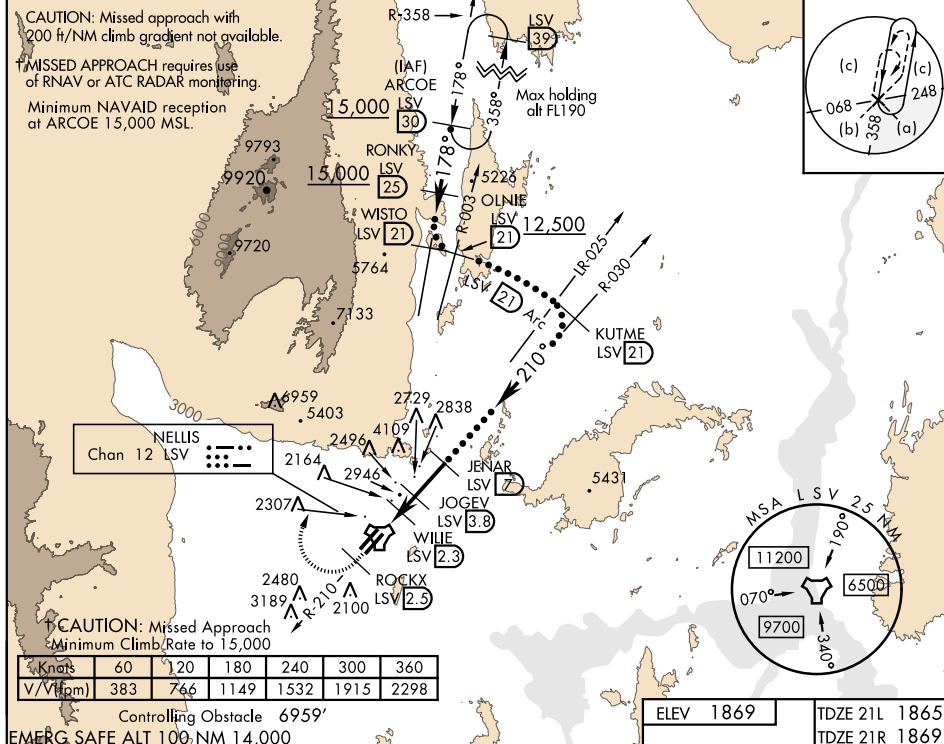
† MISSED APPROACH: Climb to 15,000, intercept LSV TACAN R-210 to 2.5 DME (ROCKX), then climbing right turn heading 020° to join LSV R-358 to ARCOE and hold, continue climb in hold to 15,000. Missed approach not for civil use.

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
---------------	---------------------------------	------------------------------	------------------------	-------------------------

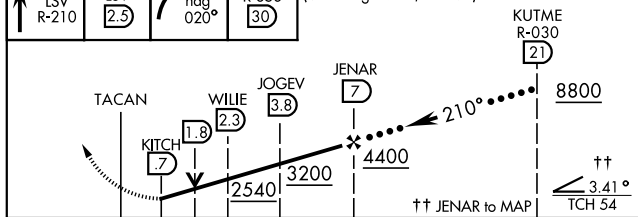
CAUTION: Missed approach with 200 ft/NM climb gradient not available.

† MISSED APPROACH requires use of RNAV or ATC RADAR monitoring.

Minimum NAVAID reception at ARCOE 15,000 MSL.

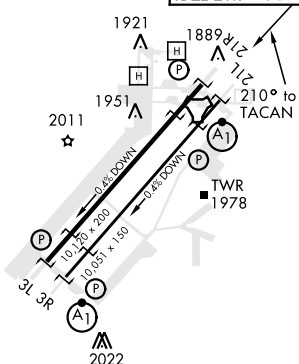


VGSI and descent angles not coincident (VGSI angle 3.00/TCH 54).



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)

ELEV 1869	TDZE 21L 1865 TDZE 21R 1869
-----------	--------------------------------



HIRL all Rwy

HI-TACAN Z RWY 21L



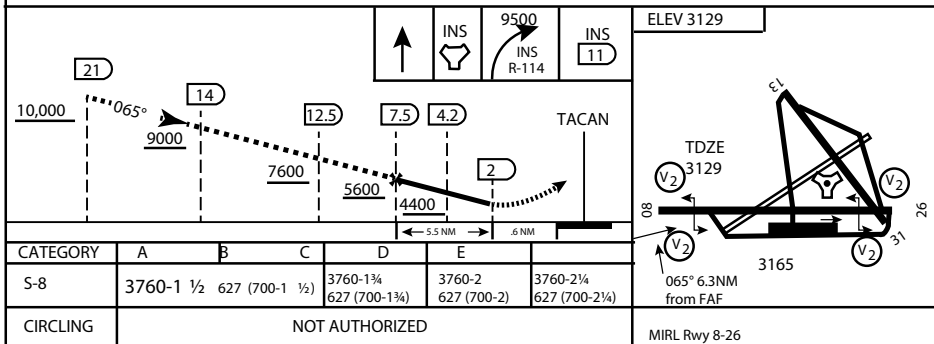
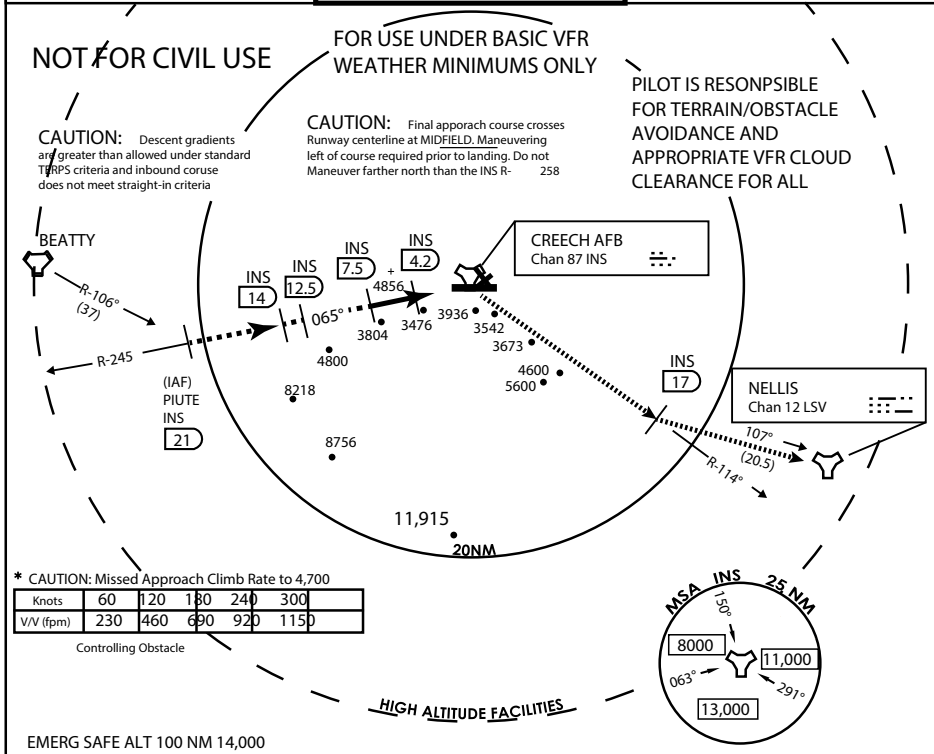
INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 065 °	Rwy ldg TDZE 3133	3002 3113
		Arpt Elev	3113

INDIAN SPRINGS AF AUX (KINS)

▼	* MISSED APPROACH: Straight ahead to INS TACAN, intercept INS R-outbound, cross 17 DME at or above 9500, then direkt KSV TACAN	114
----------	---	-----

NELLIS CON	CREECH AFB TOWER 118.30 660.60	GND CON
------------	-----------------------------------	---------



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



