

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1565/2023		Edelweiss 2		Training		040000FEB23		
Task	IFR Training					Freq		
AO	IFR FAM NTTR					264.15		
Departure				Recovery				
DREAM FOUR				HI-ILS or LOC/DME Z RWY 21L				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Edelweiss 2-1		Newbie		1711	21Y	1711	

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	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Div	Creech AFB	87X	290.45	275.8	360.6			

NOTES

Departure Nesslis via DREAM FOUR to Dream, Climb 25.000 or above

Intercept TACAN MMM (90X) Outbound 305° M at 50NM

Fly TACAN TPH (119X) Inbound 260° M at 60NM

Fly TACAN TPH (119X) Outbound 145° M to 40NM

Fly TACAN BTY (94X) Inbound 170° M at 35NM

Fly TACAN BTY (94X) Outbound 124° M to 25NM

Fly TACAN INS (87X) Inbound 75° M at 35NM

Approach and Recovery via HI-ILS or LOC/DME Z RWY 21L

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Edelweiss 3	Training	1x F-16C	264.15	21/84		171X
	AO	IFR FAM NTTR	Task	IFR Training		
Edelweiss 1	Training	1x F-16C	264.15	21/84		171X
	AO	IFR FAM NTTR	Task	IFR Training		

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	O	U	R	M	A	L	I	N	E	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	TGCI	VDB	XSA	FN	UE	KRH	QY	MJ	OW	LP
B	ARKI	DTU	XGM	FS	CV	JOP	QE	LY	WB	HN
C	IPMU	NJD	FHC	OY	RX	TBG	KS	WL	AE	QV
D	EGPD	OWT	JHL	VX	CU	IYN	FQ	AB	RS	MK
E	YVCO	QAD	XRL	IN	SB	JWP	GK	FH	EM	TU
F	EOMU	GJV	TYC	RW	BH	LQI	FX	PA	NK	SD
G	MQRY	PEO	FKH	TC	AN	DJW	UG	LV	SX	IB
H	WXFE	RVY	NDJ	BI	LO	GCM	SP	UT	AK	QH
I	WICU	POA	NHY	GV	DQ	TSE	MX	BL	FK	RJ
J	RWSV	FTE	JBM	YO	LQ	PUD	AN	KC	XI	GH
K	QKLV	SWE	FOB	CR	XG	TDP	HJ	NU	IM	YA
L	TLWF	UQD	KSN	RB	YP	EHJ	IO	GA	VC	MX
M	HAIL	EVP	NGB	KM	OX	DTS	WR	UY	JQ	FC
N	VDQH	TAG	OCK	YM	JR	XNP	ES	WF	BL	IU
O	RONQ	UDX	JIH	LF	BM	YEA	PG	KC	TW	SV
P	WUID	QNP	RVH	SA	BJ	XGF	CK	OM	EY	LT
Q	QFJX	SDV	LRN	YK	EG	COU	TP	HB	MA	IW
R	EDGH	XLS	OBN	KV	QY	WJR	UP	IT	AM	CF
S	ULPA	WFS	KBQ	YC	XT	MHO	IN	DR	VE	JG
T	FIEQ	PTJ	LSG	YN	KA	OWB	XV	CR	DU	MH
U	BCUT	VLW	OKY	DI	MX	FJP	RQ	GH	EA	SN
V	KPWG	RML	TQD	IO	AX	UJE	FS	YH	BV	NC
W	HFCA	ERI	BJX	NY	DV	WQU	OG	LP	ST	MK
X	WDCV	HLG	NFT	IQ	XM	SJP	OA	RE	YU	KB
Y	DKAP	OWC	HJI	YQ	FS	TLX	GE	UN	RV	BM

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

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

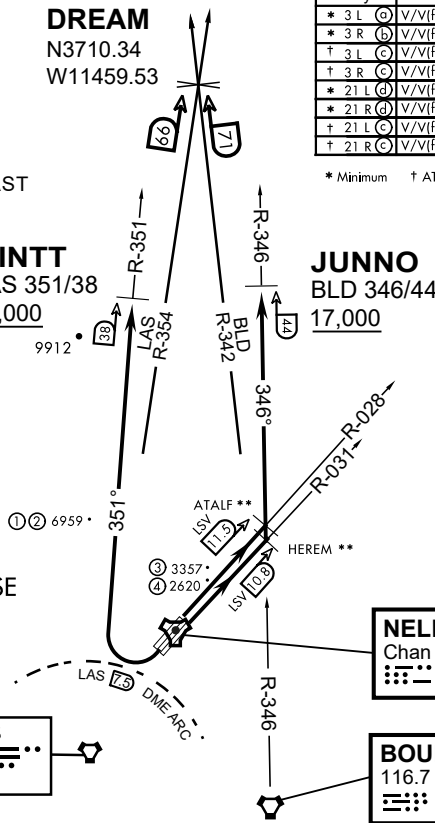
- (a) to 3600
(b) to 3100
(c) to 17,000
(d) to 8500
- ** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- 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

LAS VEGAS, NEVADA

HI-ILS or LOC Z RWY 21L

LOC I-DIQ
109.1APCH CRS
209°

Rwy Idg	21L	21R
TDZE	10,051	10,120
Arpt Elev	1865	1869

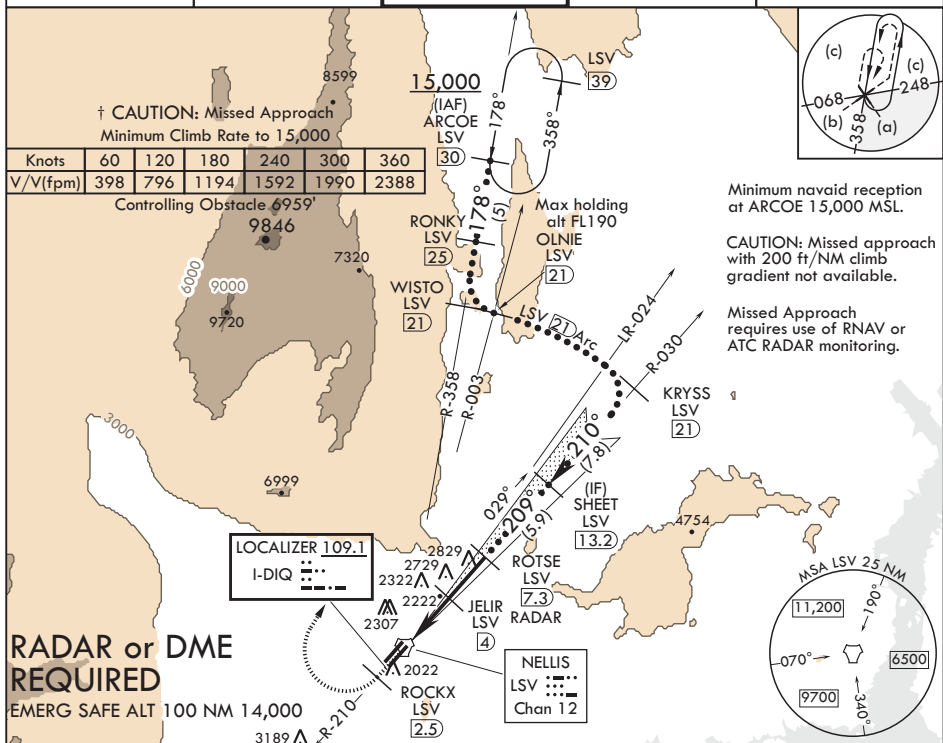
JAL-227 (USAF)

NELLIS AFB (KLSV)

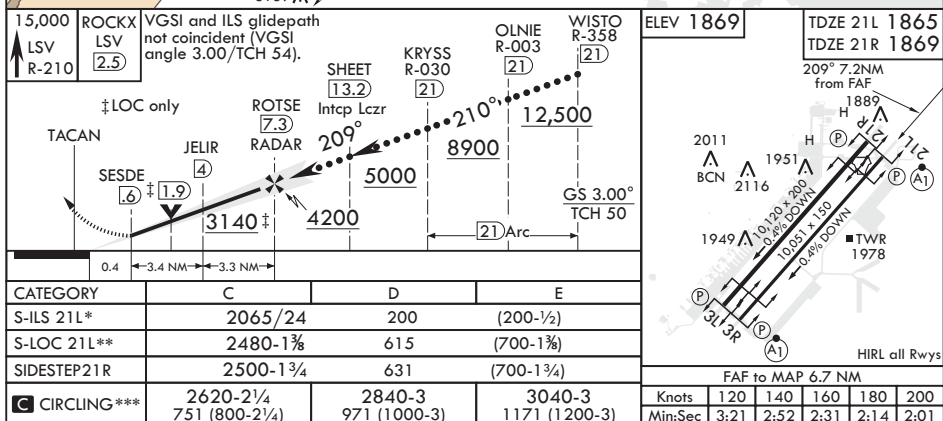
† When ALS inop, increase CAT CDE RVR to 40, vis to 3/4 mile.
 ** When ALS inop, increase CAT CDE vis to 1 3/4 miles.
 *** Circling not authorized E of Rwy 3R-21L.

Rwy 21L
ALS-F-1
(A1)

† 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
270.1APP CON
124.95 273.55TOWER
132.55 327.0GND CON
121.8 275.8CLNC DEL
120.9 289.4RADAR or DME
REQUIRED

EMERG SAFE ALT 100 NM 14,000



LAS VEGAS, NEVADA

36°14'N - 115°02'W

NELLIS AFB (KLSV)

Amdt 8 03JAN19

HI-ILS or LOC Z RWY 21L



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 direkt KSV TACAN

114

NELLIS CON

CREECH AFB TOWER
118.30 660.60

GND CON

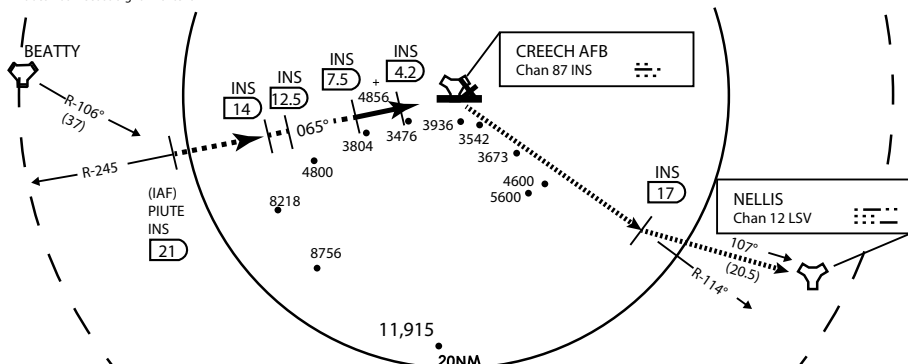
NOT FOR CIVIL USE

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
TFRPS criteria and inbound course
does not meet straight-in criteria

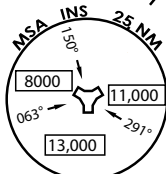
CAUTION: Final approach course crosses
Runway centerline at MIDFIELD. Maneuvering
left of course required prior to landing. Do not
Maneuver farther north than the INS R- 258



* CAUTION: Missed Approach Climb Rate to 4,700

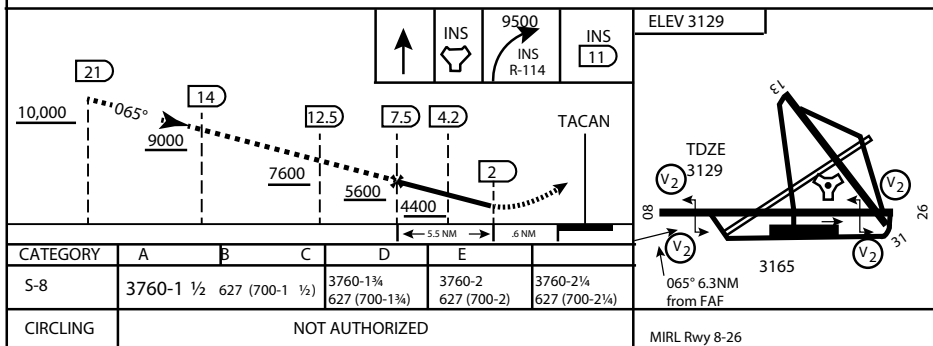
Knots	60	120	180	240	300
V/V (fpm)	230	460	690	920	1150

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



