

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
2163/2023		Edelweiss 1		Training		182000SEP23		
Task						Freq		
AO						264.15		
Departure				Recovery				
FYTTR LOW				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Edelweiss 1-1		Poet		1711	21Y	1711	
-2	Edelweiss 1-2		Kosmoss		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

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	BTY			

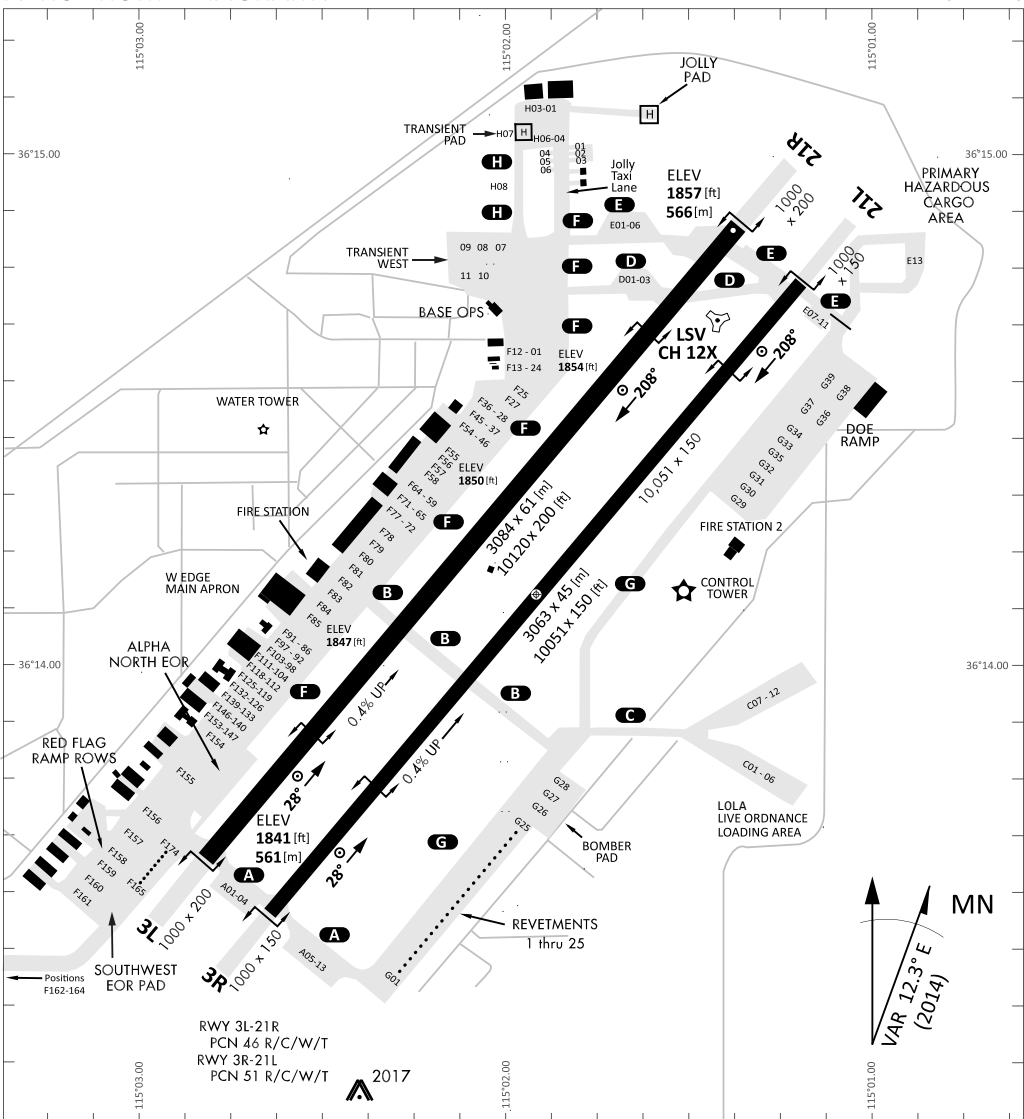
COMMS	
Radio	Usage
1	3,4,
2	265.15

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Vanguard 1	Training	1x AV-8B N/A	264.55	21/84		166X
	AO		Task			
Monster 1	Training	4x A-10C	132.15	25/88	21	161X
	AO	Range 64-B	Task	RED FLAG Training		
T-Rex 2	Training	4x A-10C	132.25	27/90	25	165X
	AO	Range 63	Task	RED FLAG Training		
Edelweiss 6	Training	1x A-10C	134.65	21/84	40	166X
	AO		Task	BJT		
Nazgul* 6	Training	4x F-15E	261.25	21/84		156X
	AO	BVR X	Task	BVR Training		
Raptor 1	Training	4x F-16C	134.0	21/84		156X
	AO		Task	BVR Training		
Claw 5	Training	2x AH-64D	133.35	21/84		156X
	AO		Task			
Panther 7	DEAD	2x F/A-18C	261.35	31/94		157X
	AO	Groom	Task			

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	
B	L	A	C	K	T	H	O	R	N	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	VCPY	DQU	XNK	OI	LT	SJH	FE	BR	GM	WA
B	LPXH	DJY	EGB	UR	TO	CWK	FN	SI	AQ	MV
C	FKRW	VLJ	CIG	MH	TP	DQX	YO	AU	BN	SE
D	BRCM	YAK	QJV	FP	WS	OTL	IX	HG	EU	ND
E	DMUR	VGP	ETX	QA	BC	HYP	IS	OK	WJ	NL
F	UYPG	JOH	KRW	CN	BM	TAV	QS	XF	ED	LI
G	MCBI	KLO	SQR	YU	FA	VEJ	NX	HT	DG	PW
H	KNRI	SFT	BWD	QL	MV	EXG	HJ	CA	PU	OY
I	QOSJ	ELU	WAI	TY	PH	GCM	DR	FV	KN	XB
J	HTEW	FON	UXM	KY	CB	QIV	GP	SD	LR	JA
K	OIQJ	FPK	RHM	GL	SW	CYX	BE	TD	UV	AN
L	LBPM	KUV	QSC	OG	WD	FEJ	AX	YN	IH	TR
M	LVNP	MSF	ODH	QU	YW	RBX	CT	AG	IE	JK
N	MEPN	SVG	WUB	RY	XI	QFJ	AH	OT	DK	LC
O	QEWA	VPU	HBN	OM	SF	YRL	CG	TJ	ID	XK
P	OETA	DPL	VCJ	FW	QR	BIN	XK	GU	HY	MS
Q	OVNJ	FMS	LKI	YD	QA	EPT	HC	BW	RG	UX
R	QYMI	SPN	RXJ	VT	FK	CUG	BH	DA	LO	WE
S	NHFR	XMI	AEV	LY	PQ	USC	OB	KG	JT	WD
T	KSJG	EHU	AXL	QV	YC	DRB	WP	OI	NT	FM
U	VECS	OLP	KUI	BX	TD	YQM	HR	JA	GF	WN
V	NKVA	EPT	HCI	YG	DM	OBF	SJ	LR	UQ	XW
W	HTAG	SQD	MIC	PV	OX	YNW	EB	RU	FK	LJ
X	TXVC	OYW	PES	GQ	AM	UFB	DK	LH	RN	IJ
Y	SFKD	OGE	AIH	LT	UB	PCJ	QY	VW	XR	NM

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

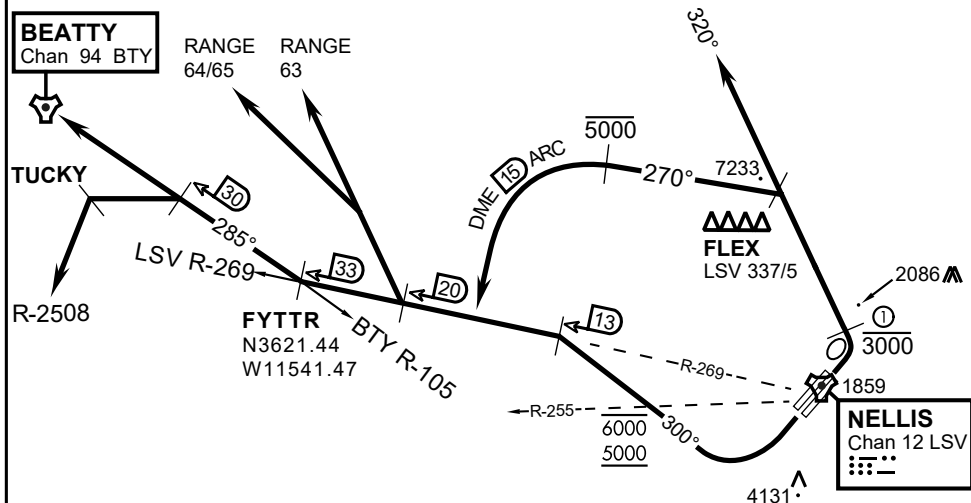
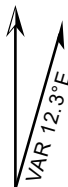
ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

CAUTION: If unable to comply
with restrictions advise ATC
prior to departure.

VMC ONLY

PILOT RESPONSIBLE FOR TERRAIN AVOIDANCE

① 4 NM from RWY 3L/R



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R:

- Remain below 3,000' MSL until north of Race Track and turned westbound.
- Turn left within 4NM of Nellis direct FLEX. Fly north of FLEX and turn left heading 270°.
- Intercept LSV R-255 between 5,000' and 6,000' , intercept and proceed outbound on the LSV R-269. Recommend climb to 8,500' MSL or appropriate VFR altitude for overflight of North Las Vegas Training Area. Fly routing for appr. mission/transition.
- ARC south, intercept LSV R-269 outbound. Maintain VFR.

TAKEOFF RWY 21L/21R:

- Follow Noise Abatement Procedures.
- Fly runway heading until past Golf Course, turn right heading 300°.
- Cross LSV R-255 between 5,000' and 6,000' , intercept and proceed outbound on the LSV R-269. Recommend climb to 8,500' MSL or appropriate VFR altitude for overflight of North Las Vegas Training Area. Fly routing for appr. mission/transition.

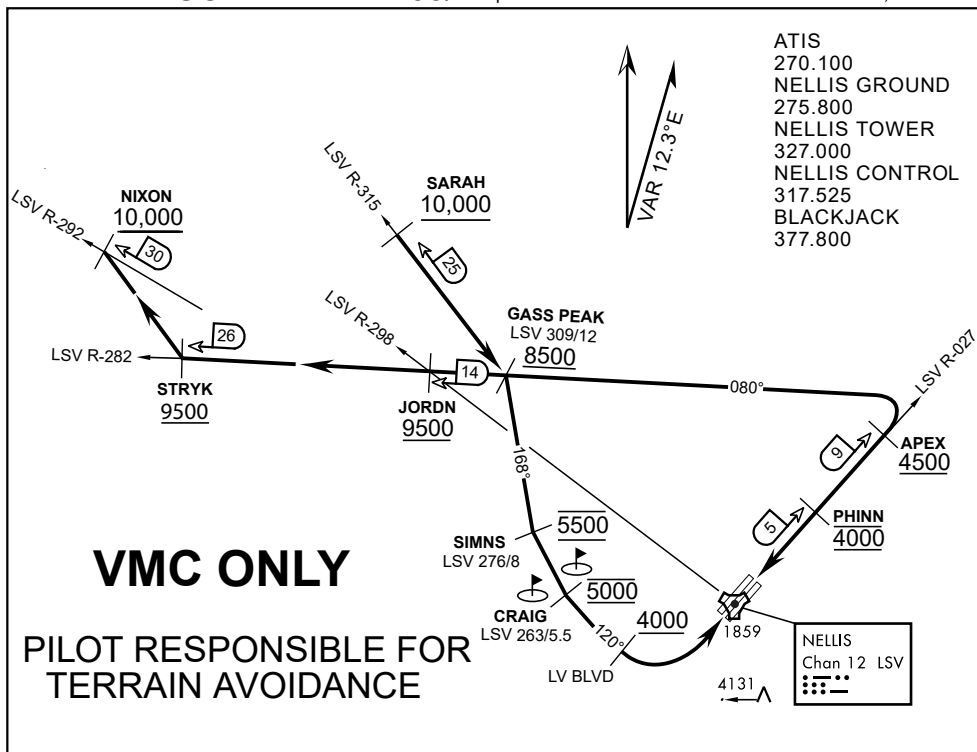
TRANSITIONS:

R-4806: Turn right at the LSV 269/20 direct to assigned ranges.

BEATTY: Turn right at FYTTR direct BTY via the BTY R-105

R-2508: Turn right at the FYTTR, intercept the BTY 105/30, direct TUCKY, then direct R-2508

FYTTR DEPARTURE AND TRANSITIONS (FYTTR LOW)



APPROACH ROUTE DESCRIPTION

APPROACH RWY 3L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Proceed direct SIMNS and cross at 5,500' MSL. Cross Las Vegas Blvd at or above 4,000' MSL then to 3,500' MSL for Initial. Remain within 4 DME if LSV on turn to final.

VFR STRAIGHT-IN RWY 3L/R

Depart CRAIG & descend to be at 3,000' MSL by Las Vegas Blvd. Do not descend below 3,000' MSL until within 5 DME of LSV or 4 NM of the runway on turn to final.

APPROACH RWY 21L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Cross APEX at or above 4,500' MSL then direct 5NM initial. Descend to cross PHINN at 4,000' MSL, Inside 5 NM descend to 3,500' MSL.

VFR STRAIGHT-IN RWY 21L/R

Cross APEX at 4,000' MSL. Descend to be at 3,000' MSL at PHINN. Descend to 3,000' MSL at LSV 027/5.

RANGE 63B EXIT

SOUTH: Via NIXON at or above 10,000' MSL, then direct STRYK.

EAST: Via SARAH at or above 10,000' MSL, then direct GASS PEAK.