

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
498/2021		Edelweiss 1		Training		302100DEC21	
Task	Training						Freq
AO							264.25
Departure				Recovery			
FYTTR LOW				STRYK			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Edelweiss 1-1	Razorback		1711	21Y	1721	

LOADOUT			
A/A	2xA9X	GUN	100% HEI-T
A/G		CHF	80
POD		FLR	40
TKS	2xFPU-8A	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	15291			3000	800

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	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)	15000	
2	Mt Irish	TQQ 085/67 (N37 38.500 W115 24)	25000	
3	CRYSTAL SPRING	N37 32 W115 14	25000	
4	DREAM	LAS 354/66 BLD 342/71 (N37 10.340 W114 59.530)	15000	
5	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	15000	

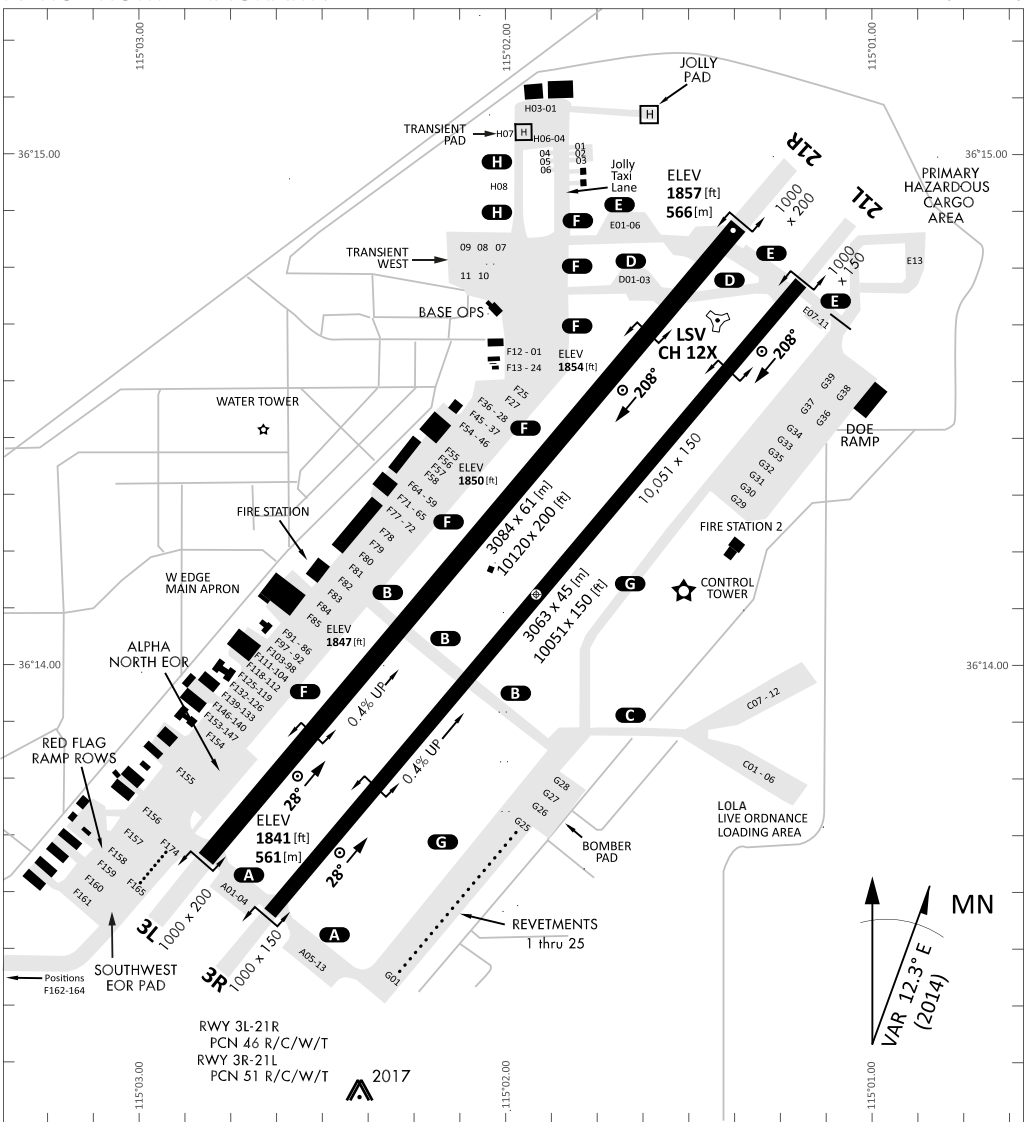
COMMS	
Radio	Usage
2	264.25
3	MIDS A 22
4	MIDS B 44

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

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	
L	O	V	E	M	A	K	I	N	G	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	UIFV	GKH	PWR	TC	AY	LBX	SE	JD	OM	NQ
B	PVSE	HWT	GAR	CF	UD	NBJ	XK	QM	YI	OL
C	IJAP	VXK	DFE	HC	ON	BTL	RG	SY	MW	UQ
D	TGJP	CMA	DXR	QK	BL	WSU	OH	IF	VE	YN
E	ISFY	UBD	PEX	GC	MW	LAK	HT	QN	RV	OJ
F	UJBX	KYD	FLO	TG	IV	WQS	EA	RP	CH	NM
G	VGTJ	NPL	OBD	XU	CK	FWI	QE	MR	SA	HY
H	ALCB	EUH	GFW	JS	PX	RQT	OI	KV	ND	MY
I	EAVX	IYC	DOH	BG	QK	ULN	PW	MT	SJ	FR
J	PXGS	RCN	EQV	BK	ML	UTJ	DA	WO	FY	IH
K	CBSL	VOQ	PME	HI	GT	XKY	ND	WJ	AF	UR
L	ERKY	MNO	VWL	PJ	CB	DUF	QI	ST	AG	XH
M	WGCO	UMK	QBP	AH	JN	LXY	TE	DI	VS	FR
N	YGCO	XTU	ALF	PW	JR	HKS	ED	BN	QM	IV
O	XARY	OMT	QEH	VJ	WS	BGD	CN	FU	PK	LI
P	KUQD	TBN	MFP	EO	XH	JGS	AL	CI	WR	YV
Q	JQWD	XNF	BOP	VI	TA	ESM	LU	YH	RK	GC
R	KGPE	OVR	USJ	CB	NW	TLI	MQ	YA	FD	XH
S	RECT	IFG	PKO	SB	LM	QYV	NH	AW	DU	XJ
T	ELOP	RIT	KDA	HC	JB	QGV	SX	NF	UW	YM
U	QPIN	OXA	SVF	JE	HT	LGK	DB	YR	MU	WC
V	NTCS	KHL	UGM	XR	VI	DFO	JB	WA	EP	YQ
W	ODYG	LHP	EBM	AN	SX	CRJ	WU	TK	IV	QF
X	EMAH	NDF	UOL	KP	BG	XSJ	IV	YC	TR	QW
Y	UBYL	KJG	NEA	WF	QX	MIS	CH	VT	DR	OP

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 1:35'500	
	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

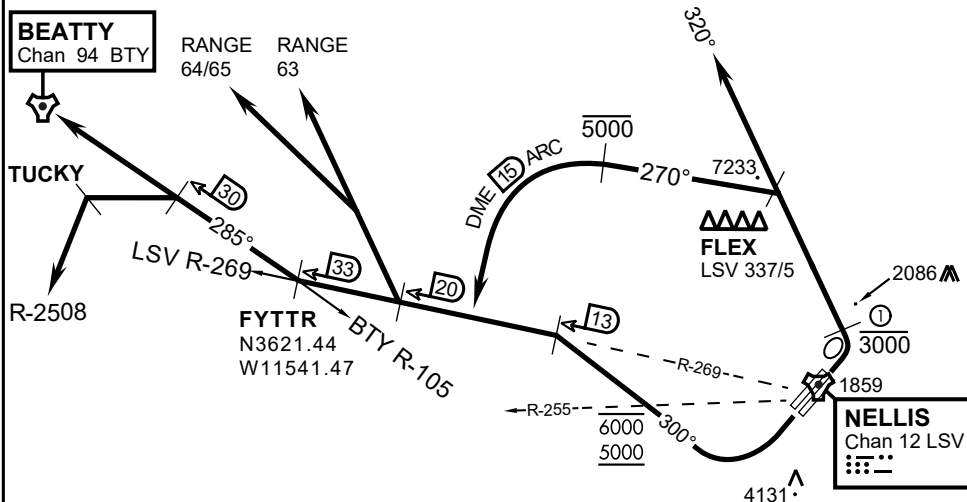
ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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 15 DME ARC at or below 5,000' MSL.
- 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.