

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
1114/2022		Edelweiss 1		Training		292000AUG22	
Task	AAR					Freq	
AO						264.15	
Departure			Recovery				
FYTTR LOW			STRYK				
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Edelweiss 1-1	Hawk		1711	21Y	1711	
-2	Edelweiss 1-2	Taxman		1712	84Y	1712	
-3	Edelweiss 1-3	PixelFace		1713	84X	1713	
-4	Edelweiss 1-4	Pepsi		1714	21X	1714	

LOADOUT			
A/A	2xA9M		
A/G			
POD			
TKS	3xFPU-8A		

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	17535				

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	BTY	N36 48.035 W116 44.858	24000	

COMMS	
Radio	Usage
2	A24 / B48

NOTES

Meet with Arco

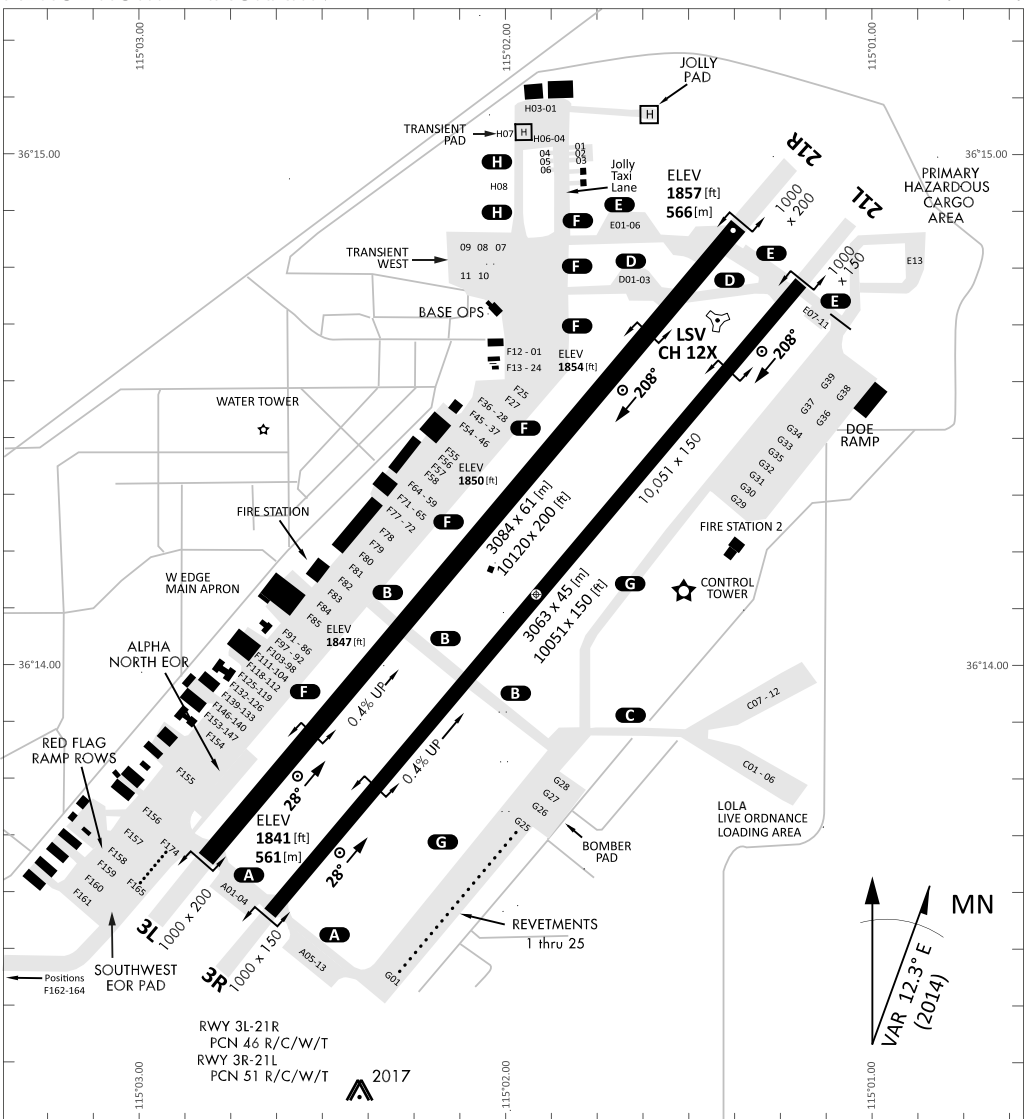
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
SHELL 2		115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)			

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
	AO		Task	BJT procedures		
Monster 1	Training	4x A-10C	132.15	25/88	21	161X
	AO		Task	AAR		
T-Rex 1	Training	4x A-10C	132.25	27/90	25	165X
	AO		Task	AAR		
Rattler 4	Training	3x AH-64D	133.5	21/84		125X
	AO	Range 63	Task	CPG		
Edelweiss 7	Training	4x F-16C	134.75	21/84	41	167X
	AO		Task	AAR		
Tiger 1	Training	4x F/A-18C	261.15	11/74	1	155X
	AO	Range 74.06	Task	A/G RADAR Training		
Raptor 1	Training	4x F-16C	261.25	21/84		156X
	AO		Task	AAR		

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	
W	I	N	G	S	P	R	E	A	D	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	FCMG	EHD	UBP	OQ	LW	SXI	AK	RT	VJ	YN
B	NEXR	ITY	SHL	QK	JP	OMF	UC	BV	DA	GW
C	UTGV	ADY	CSQ	EJ	RK	XOB	NI	FW	HM	LP
D	NPAB	VML	IJX	RF	SG	KYT	QW	HE	CU	DO
E	VTPY	UGD	WSE	CM	IL	RNA	HX	JF	BO	KQ
F	JDTQ	MRH	AIU	KV	SX	GOL	CP	EB	NY	FW
G	SIEV	AWK	XCU	QR	OD	YPJ	MB	HG	TF	LN
H	SBWE	DLY	XGC	RA	JT	FIN	PU	OM	VQ	HK
I	QJVO	GEU	MFC	BT	SY	LDI	WH	PN	RA	KX
J	MVRJ	LPQ	AUG	DB	NE	SCF	KI	OY	TW	XH
K	NVKU	OBT	DEW	CR	XS	AYH	LQ	JP	IM	FG
L	GEMR	XFC	VID	BY	SQ	OAL	KN	TH	PU	JW
M	YKXR	SUN	JDM	PQ	OE	VBT	FH	AG	WL	IC
N	KMCE	DVS	UIJ	LH	XB	RFA	WN	QO	GP	TY
O	CFLO	HQY	KSB	IV	UM	WTG	JD	XE	RP	NA
P	UQDE	CWY	KSH	AV	XM	NOI	PG	BT	LR	JF
Q	EGXJ	IPS	THQ	FR	ON	BWA	KY	VM	LD	CU
R	EPSM	CUQ	VBJ	LW	XY	IOD	NH	AG	FT	RK
S	PEHD	KYB	FVM	QT	IL	URO	GC	JW	NX	AS
T	JBKF	RUN	TLI	MX	CS	OQW	DG	HV	AE	PY
U	RTVE	CIG	SAH	DN	OL	WFX	BU	MQ	PK	JY
V	MEAY	JXI	BVN	LW	KU	FCQ	RH	GP	OD	TS
W	ONTV	ECX	PUK	MB	IA	HGQ	JR	SW	FD	YL
X	JKRX	MCD	OVA	EH	NW	GTS	FU	LQ	PY	BI
Y	BUMF	CQI	SGN	WH	VA	YEJ	PL	OK	XT	RD

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

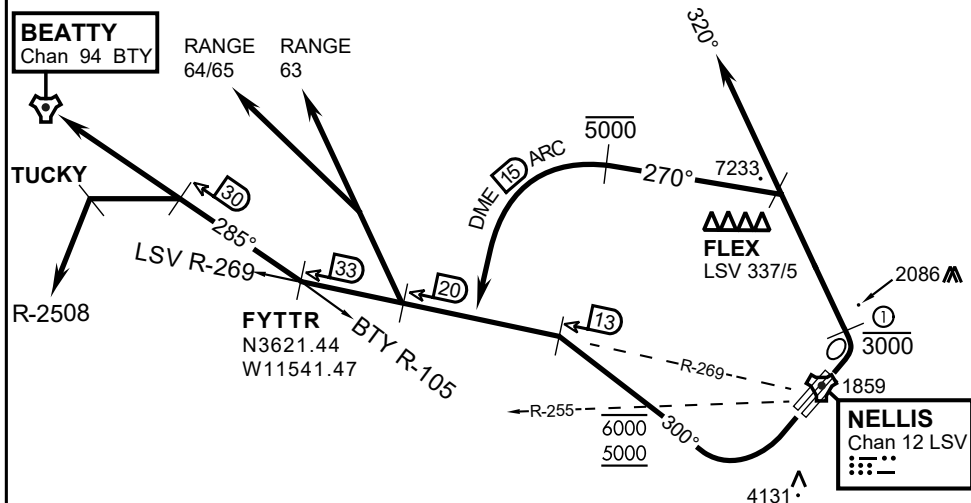
ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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.

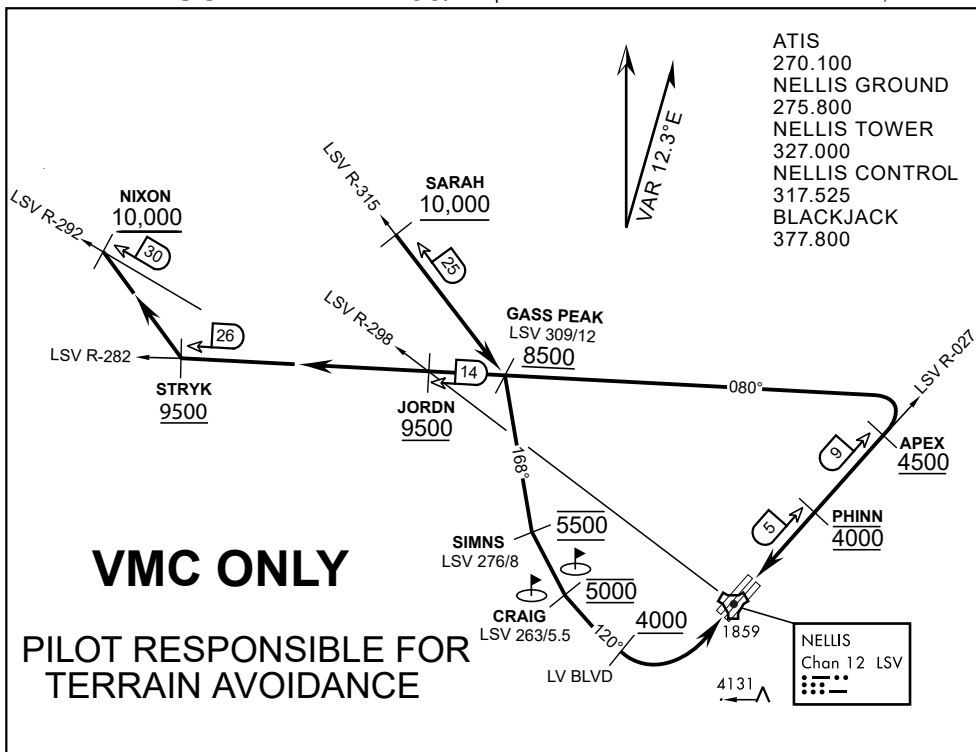
TRANSITIONS:

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.



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

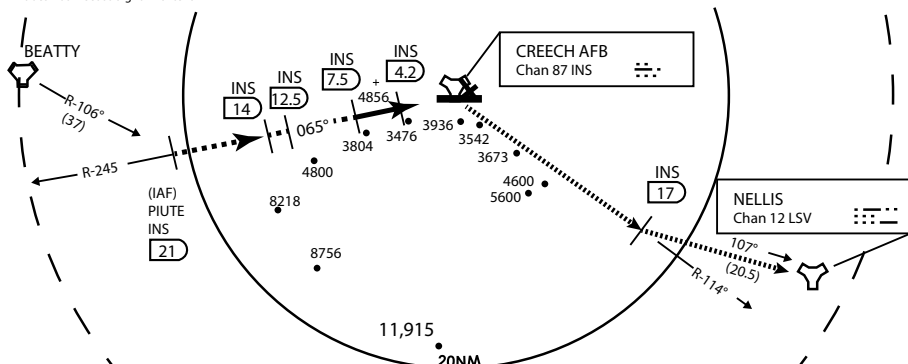
NOT FOR CIVIL USE

FOR USE UNDER BASIC VFR
WEATHER MINIMUMS ONLY

PILOT IS RESPONSIBLE FOR TERRAIN/OBSTACLE
AVOIDANCE AND
APPROPRIATE VFR CLOUD
CLEARANCE FOR ALL

CAUTION: Descent gradients
are greater than allowed under standard
TERPS 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



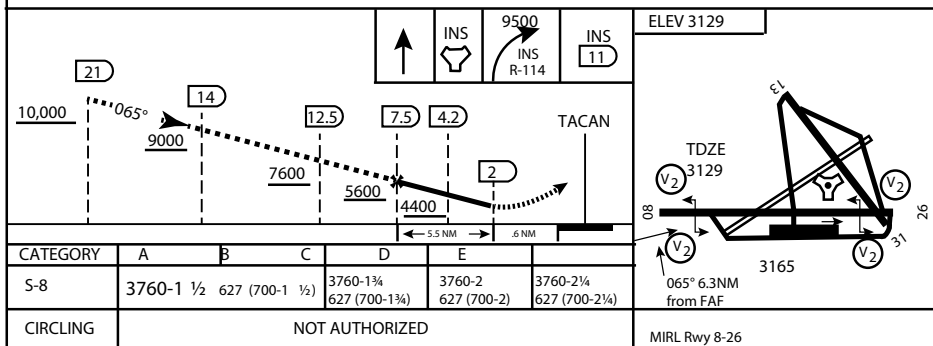
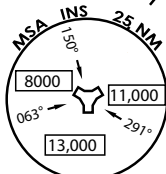
* CAUTION: Missed Approach Climb Rate to 4,700

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



CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)



