

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
462/2021		Edelweiss 3		Training		062000DEC21		
Task	NCR Bomb Pattern Training					Freq		
AO	Range 63B					264.35		
Departure				Recovery				
FYTTR LOW				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Edelweiss 3-1		Repsus/Lempo		1731	21Y	1731	
-2	Edelweiss 3-2		Bruce/Bane		1732	84Y	1732	

LOADOUT			
A/A	2xA9M	GUN	100% HEI
A/G	4xM82A, 4xM82SE	CHF	140
POD		FLR	60
TKS	2xFT300	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	20206	17000	5000	4000	2500

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	WP1: FYTTTR	LSV 269/33 (N36 21.4 W115 41.5)		
2	WP2			
3	WP3: STRYK	LSV 282/26 (N36 25.6 W115 30.7)		
4	FP: Creech AFB87X	N36 35.2 W115 40.1	3126	
5	IP: AtkHDG 024°M 7.7nm Harddeck 10.000ft MSL	N36 30.9 W115 35.1	20000	
6	ST: East Bomb Circle R63B	N36 37.2 W115 29.4	3041	
7	HB:			

COMMS	
Radio	Usage
1	1 / Tanker / 1
2	3, 4, 16, 4, 3

NOTES

NCR Bomb Pattern Training

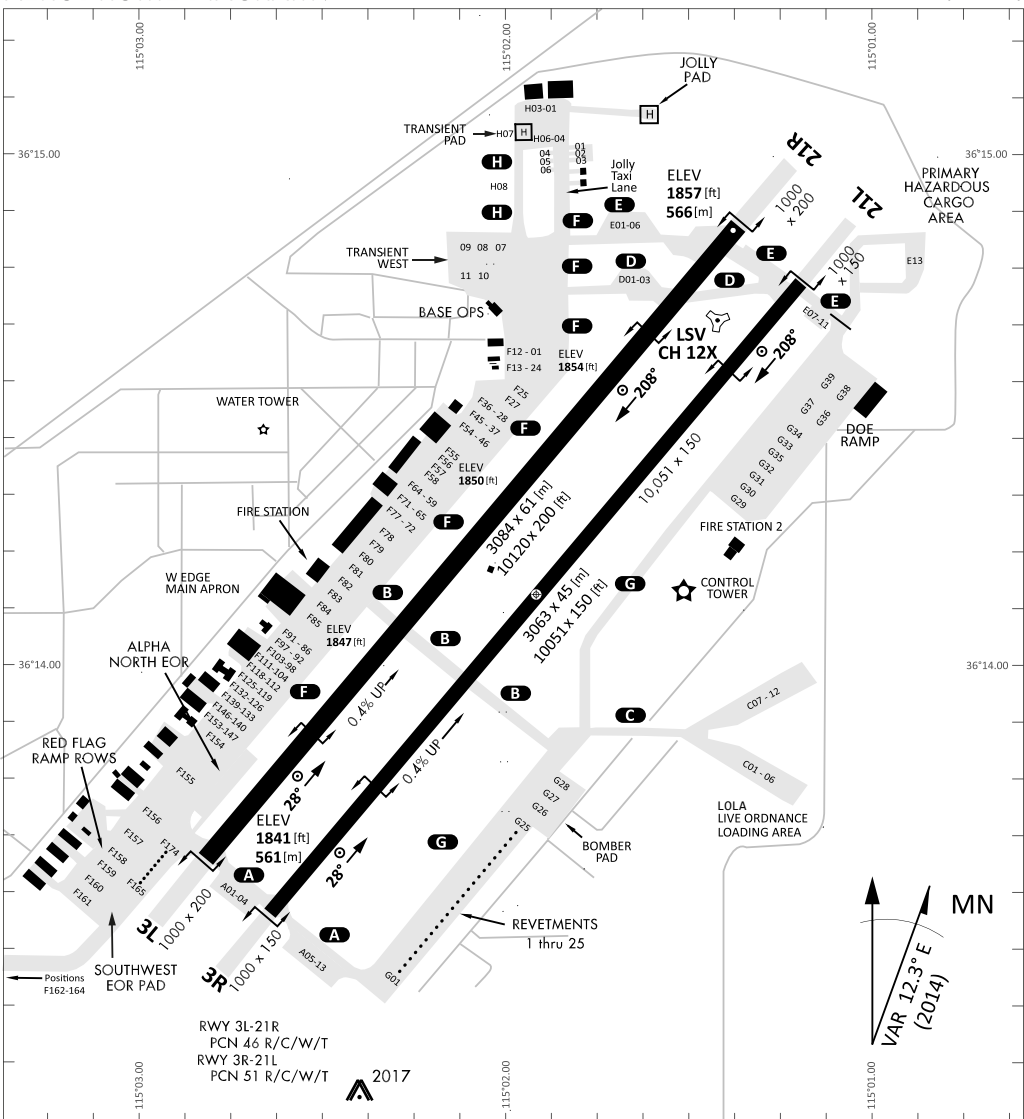
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
SHELL 2		115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	GrpId	Laser
Tiger 1	Training	3x F/A-18C	261.15	31/94	1	151X
	AO	North War/ SA-15/SA-6/SA-11	Task	Training PreBriefed HARM Low and Close		
Edelweiss 6	Training	2x A-10C	134.65	21/84	30	173X
	AO	Sally, Cal A,B,C, Groom	Task			
Edelweiss 5	Training	2x A-10C	134.45	21/84	35	175X
	AO	Sally, Cal A,B,C	Task			
Edelweiss 1	Training	4x F/A-18C	134.0	21/84		171X
	AO		Task	NCR Bomb Delivery Training		
Monster 2	Training	3x A-10C	132.15	25/88	10	161X
	AO	Range 64	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	
H	O	S	P	I	T	A	B	L	E	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	QRKD	YFH	ILV	OE	WG	JCU	SM	PN	XB	TA
B	SOXB	IVJ	RMP	AH	DL	CEN	TF	WG	KU	YQ
C	VBQA	DTN	XMF	WE	YK	GPC	RH	JO	SL	UI
D	MODK	RNU	VPG	QB	LC	HTY	JS	XW	FA	IE
E	QJRG	FXU	DTC	IN	WB	VMS	LP	YH	KA	OE
F	TDAE	FLC	VMS	PJ	BO	RHK	NW	IY	UX	QG
G	OGJF	SLC	AQW	RE	PH	TUV	KB	MI	DN	YX
H	BQNW	IPS	XTY	JU	DO	HLK	CV	AG	RF	EM
I	UXNG	RFS	OYV	IW	HJ	MKE	LP	BD	CA	QT
J	TULS	NPH	FJX	MY	GW	ORB	CD	QV	IK	AE
K	AKHQ	OWT	FSJ	EX	LD	NCV	RG	BY	MI	PU
L	YFLQ	KAV	STM	DH	UX	PNI	BJ	CE	WG	RO
M	GWFY	PRI	JES	HB	TD	NMA	LK	UV	QC	OX
N	BKQJ	VDN	PHU	CR	XW	AEO	IS	GT	LY	FM
O	ULYB	XOM	KAQ	NH	DE	GTJ	RI	PW	SF	CV
P	THUA	WBL	MCY	ND	XR	ISQ	KE	VO	FP	JG
Q	MUAW	YSR	PDF	GB	CO	XLJ	KI	QV	TN	EH
R	GCBT	XNU	WSP	QR	ME	FYK	IL	JO	HA	VD
S	UTOY	EWP	XMI	HV	AF	JKD	BL	CS	NG	RQ
T	CMHB	PVQ	FKN	OW	SR	AJL	DT	EY	GX	IU
U	IFGB	PNU	OQA	TH	LV	SKJ	RE	MW	YX	CD
V	IKEY	CAW	LGH	BO	MX	FVQ	PR	DS	UJ	TN
W	SFOB	IWK	YEJ	VR	DA	HQN	CT	LG	XP	UM
X	TQCK	DOS	IXY	UG	JN	WFH	AL	EB	PR	VM
Y	XHEJ	LNQ	AYO	TR	IM	UDF	VK	CW	BG	SP

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



	RWY	CAT	MINIMA	ARP 36° 14.060' N 115° 01.058' W	ELEV	Scale 1:35'500	
PAR	21L 3R	A B D E A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3° 2057 - 0.8 200 (200-0.8/1.6) GS 3°		1857 [ft]	030060090012001500 [m] 010002000300040005000 [ft]	
SRA	21R 3L	A C D E A C D E	2257 - 1.2 350 (350-1.2/1.6) 2257 - 1.2 350 (350-1.2/1.6)		566 [m]		

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

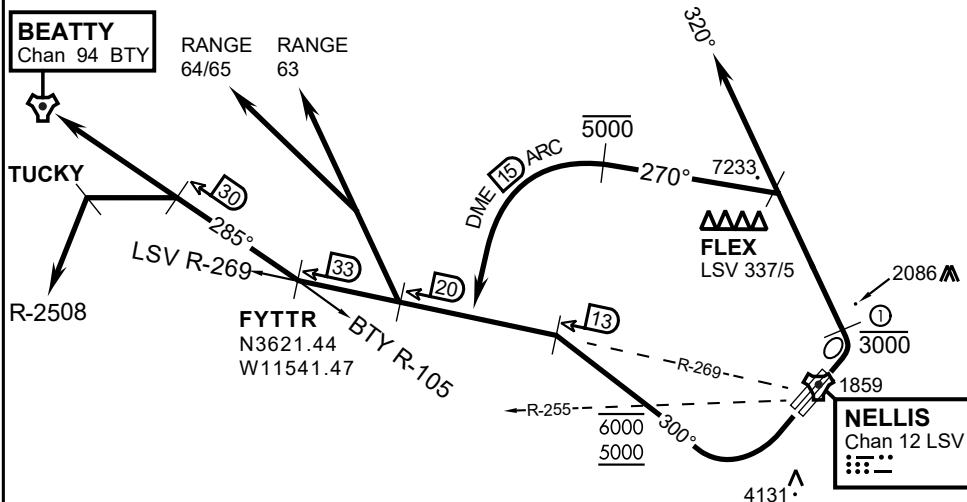
ATIS
 270.100
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 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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.

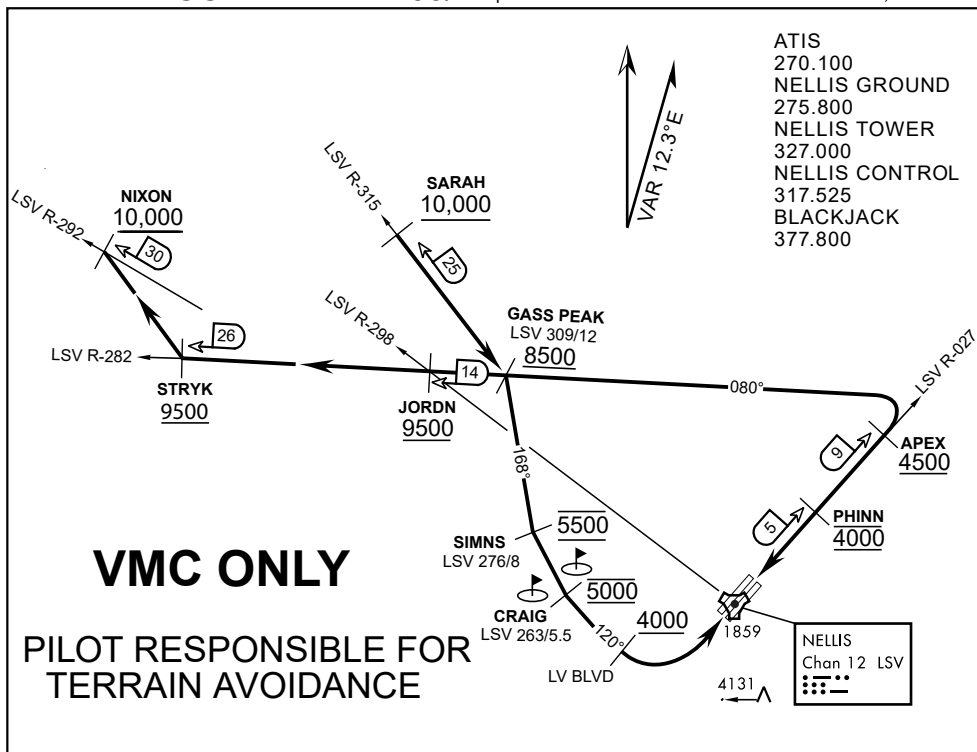
TRANSITIONS:

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

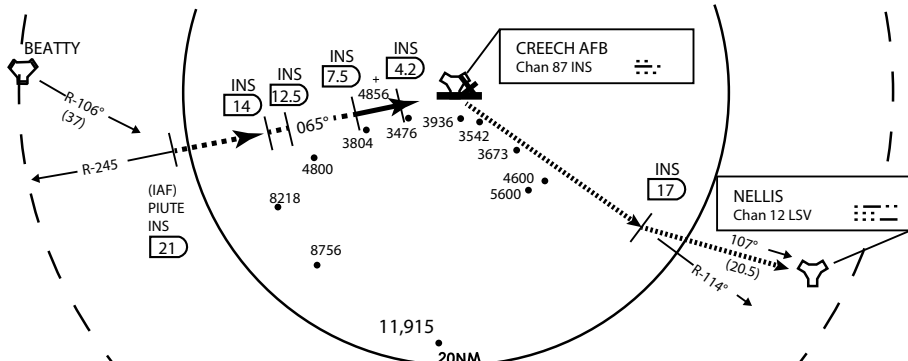
NOT FOR CIVIL USE

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

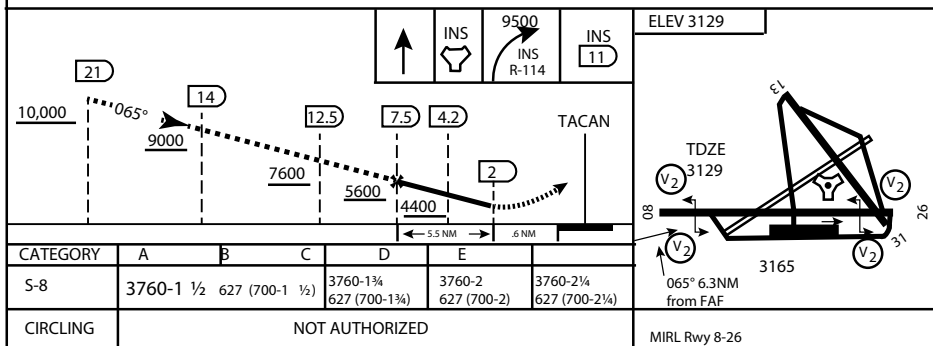


* CAUTION: Missed Approach Climb Rate to 4,700

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

Controlling Obstacle

EMERG SAFE ALT 100 NM 14,000



CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)



