

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
2072/2023		Edelweiss 1		Training		212233AUG23		
Task							Freq	
AO							264.15	
Departure				Recovery				
FYTTR LOW				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET

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
Div	Creech AFB	87X	290.45	275.8	360.6			

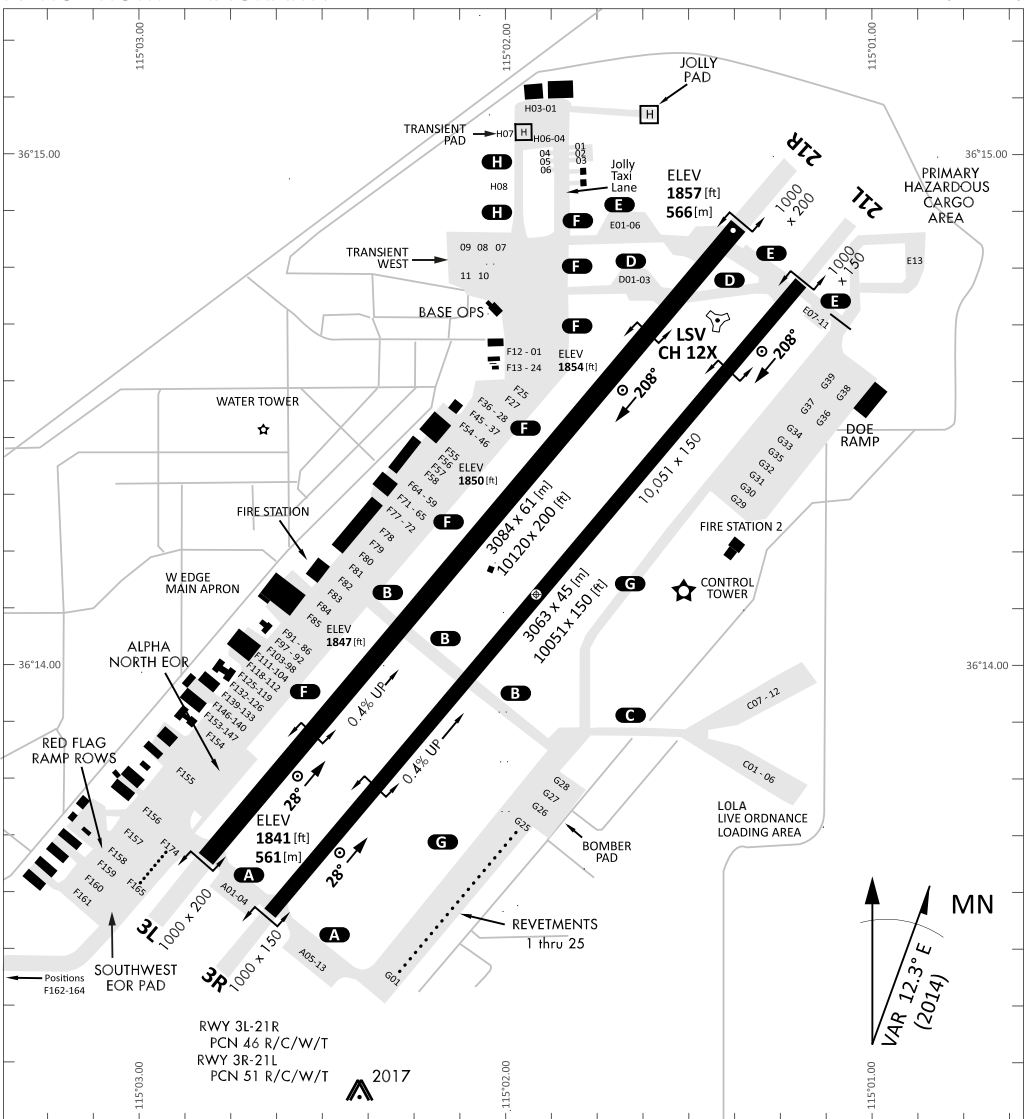
FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	Nellis	N36 14.680 W115 01.500		
2	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)		
3	STRYK	LSV 282/26 (N36 25.620 W115 30.700)		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Vanguard	Training	1x AV-8B N/A	264.55	21/84		163X
AO	ALAMO + R-61B	Task	WEAPONS TRAINING			
Raptor 1	Training	2x F-16C	134.0	21/84		156X
AO		Task				
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
AO	Nellis AFB	Task	BJT			
Tiger 1	Training	4x F/A-18C	261.15	11/74	1	155X
AO		Task	A/A - Refuel Training			
Monster 1	Training	4x A-10C	132.15	25/88	21	161X
AO	R64 + AR-641A	Task	AAR + Gun Training			
T-Rex 2	Training	4x A-10C	132.25	27/90	25	165X
AO	R64 + AR-641A	Task	AAR + Gun Training			
Nazgul* 6	Training	4x F-15E	261.25	21/84		156X
AO		Task				
Raptor 2	Training	2x F-16C	134.5	21/84		156X
AO		Task				
Tiger 2	Training	4x F/A-18C	261.15	11/74	2	155X
AO		Task	A/A - Refuel Training			
Edelweiss	Training	1x F/A-18C	264.05	21/84		170X
AO		Task				
Edelweiss 1	Training	1x F/A-18C	264.15	21/84		171X
AO		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	
M	A	N	I	F	E	S	T	L	Y	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	RETD	BOQ	KCN	SH	WU	VYG	JA	MP	XI	FL
B	NTOJ	SAQ	FMR	IB	KL	HUW	CP	EG	XV	YD
C	QUNJ	GPH	IVB	TF	ML	RES	XO	YW	KC	AD
D	LIBS	EMQ	XWP	CO	NT	KUY	VR	DF	GA	HJ
E	LWUG	SFK	XHE	RI	TN	DYC	PQ	MA	OJ	VB
F	QRPX	TOV	KAS	MF	UJ	NLD	YI	CG	WE	HB
G	JTLW	BHD	ICS	UQ	FP	RAX	EK	OY	MG	VN
H	BJNX	QAD	YLV	HU	KP	FTM	ER	OG	SI	WC
I	BCIN	GEM	PAV	FR	HX	JKQ	SW	DL	UT	YO
J	KCBY	TEN	JFD	RH	AG	SVI	MO	QU	XL	WP
K	RDCE	KMU	NTO	FY	IX	WHQ	JB	SG	VL	AP
L	MGFX	VLR	OYW	CA	PQ	IKD	HE	NB	SJ	TU
M	XOSQ	WBU	FCR	YN	PK	ETG	VI	AM	LD	HJ
N	ADHG	EBS	YUL	PW	FR	IQM	OX	CK	NV	JT
O	FHNE	GTY	JQW	OB	KV	XSC	DP	LR	MA	IU
P	YNEA	CTR	VSX	LO	IF	MPQ	WG	KB	UJ	HD
Q	JHEA	IYR	LNF	KS	UB	PWM	DO	QT	GC	XV
R	UEBJ	HQV	KFA	PT	CR	SOW	GY	NM	ID	XL
S	FMCO	RXN	QGA	PT	YJ	IDS	BV	HU	LE	WK
T	OWCU	YXJ	LFV	QB	GN	KTP	EH	AS	IM	DR
U	EXSN	RAP	WIY	FO	QT	KLC	UD	VH	JG	MB
V	FNAL	UTO	YMW	GI	DH	PQR	SV	KX	CB	EJ
W	IMTP	ECQ	VWO	LU	SX	DHB	KA	JY	GN	RF
X	DRSP	UMH	CVF	LT	QE	JBI	XN	KY	GA	OW
Y	VTYP	MRC	UNL	XA	EF	HWB	JD	OQ	IG	KS

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 - Q.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

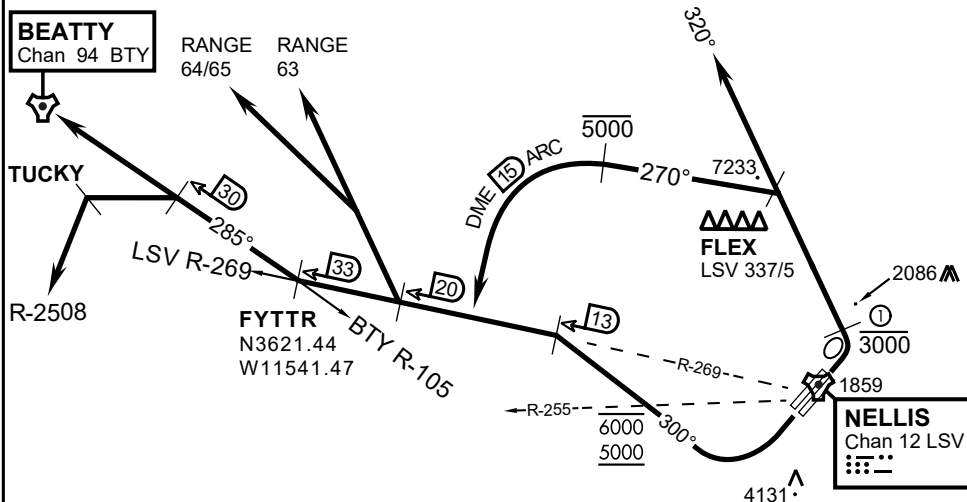
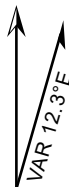
ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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 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.



INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 065 °	Rwy ldg TDZE 3113	3002 3113
		Arpt Elev 3113	

INDIAN SPRINGS AF AUX (KINS)



* MISSED APPROACH: Straight ahead to INS TACAN, intercept INS R-outbound, cross 17 DME at or above 9500, then direct KSV TACAN

114

NELLIS CON

CREECH AFB TOWER
118.30 660.60

GND CON

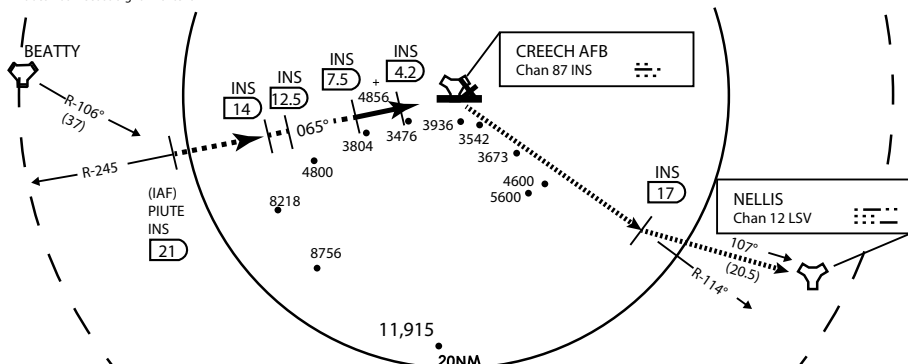
NOT FOR CIVIL USE

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



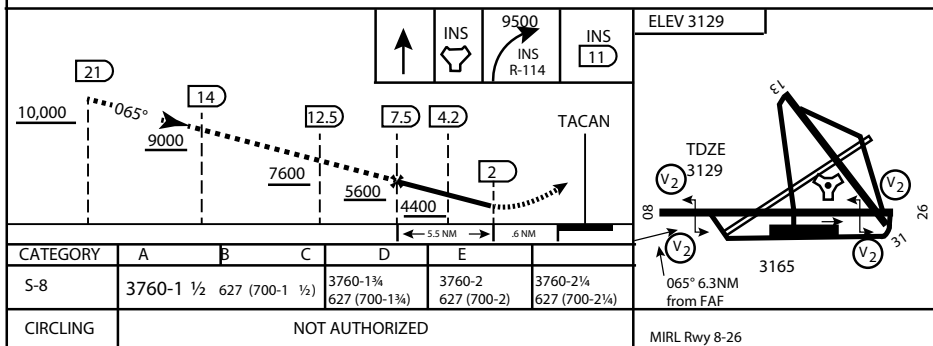
* CAUTION: Missed Approach Climb Rate to 4,700

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)



