

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
2032/2023		Rattler 1		Training		280000JUL23		
Task						Freq		
AO	Echo Bay					133.5		
Departure				Recovery				
HELICOPTER DEP				HELICOPTER ARR				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Rattler 1-1		Jemi		4621	21Y	1251	

LOADOUT			
A/A		GUN	100% HEDP
A/G	4xAGM114K	CHF	30
POD		FLR	60
TKS		FUEL	80%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	2010				

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

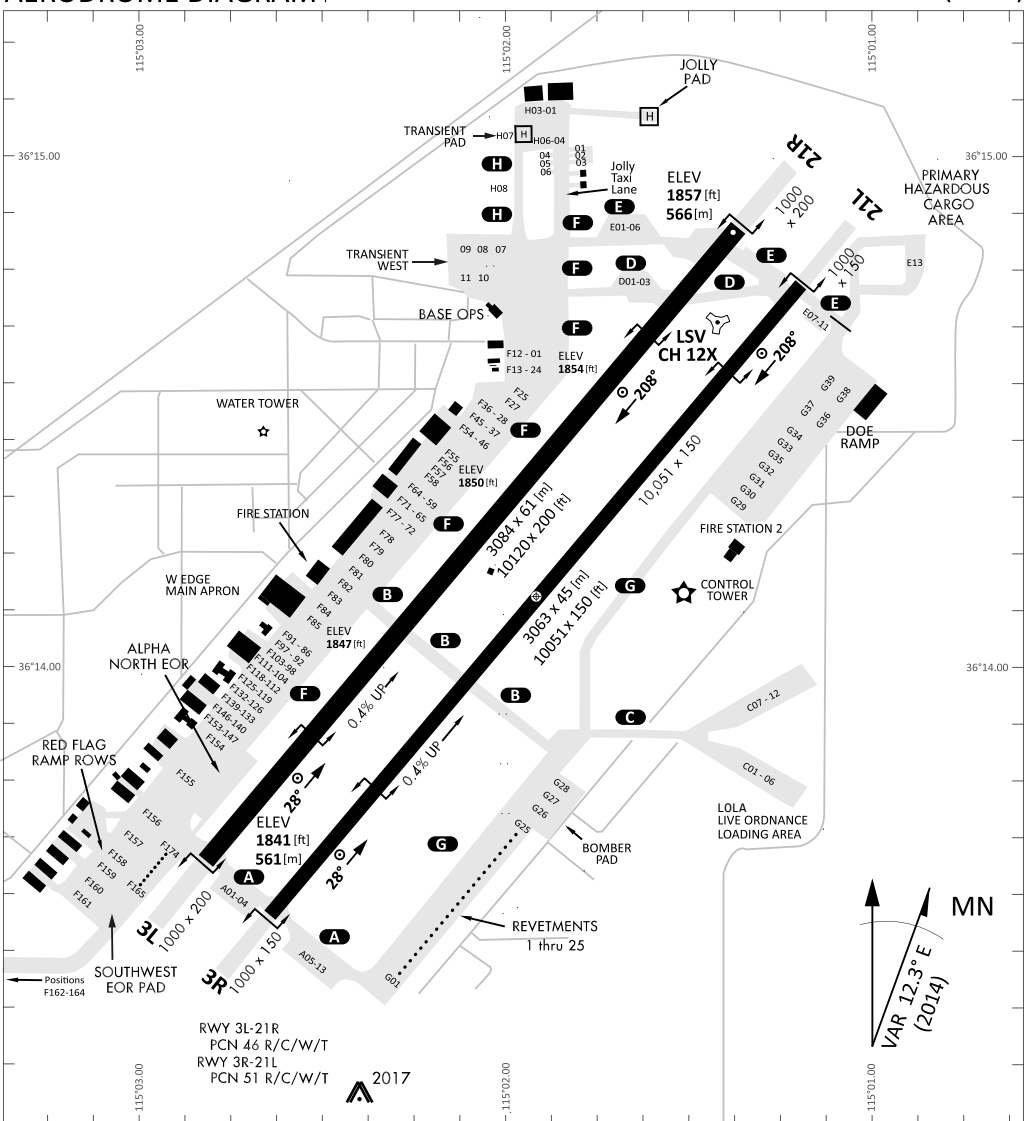
FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	SOUTH GAP	LSV 160/2.9 (N36 11.94 W115 00.40)		
2	FARP	N36 12.670 W114 39.700		
3	RP	N36 16.95 W114 31.39		
4	BP	N36 18.53 W114 29.27		
5	TGT	N36 18.70 W114 27.79		

COMMS	
Radio	Usage
1	133.50
2	327.0
3	35.35

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	
G	O	D	P	A	R	E	N	T	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	LNFO	UHD	BSG	CK	PI	RAM	JX	VY	QE	WT
B	WTRU	NDC	QVE	OK	BJ	MLG	FP	XA	YH	SI
C	KMEW	GLF	RCS	OJ	HN	DQA	TY	UV	BP	XI
D	VDTE	GPM	RHC	FW	SQ	KYA	NJ	XB	LO	UI
E	KVTE	AOX	JMF	CW	DH	RIP	QS	NG	YB	UL
F	RHEY	AQN	KXW	LC	MJ	STB	PI	FG	DV	UO
G	FGYH	PXA	EDQ	UL	BO	JCM	VI	WS	RT	NK
H	LBVX	CGR	KYN	MI	WA	EFQ	UO	SJ	TP	DH
I	HJTP	LOU	WXV	MC	BN	IED	GA	YF	RS	KQ
J	IDGU	SRN	TBV	CF	WX	KYA	EM	QL	OJ	PH
K	GIHW	TOR	SAN	LQ	DU	BKX	CP	FE	MV	YJ
L	EGPV	MRS	DJO	CN	TU	IBQ	AY	KW	FL	HX
M	SHQF	WRD	MAC	OG	XU	VBK	PI	TE	JN	YL
N	NTAF	PWQ	YRH	IJ	BC	XVL	EK	OU	GD	MS
O	AHUS	QPD	RBV	GM	KE	TLC	OI	YW	FX	NJ
P	OAXV	FTQ	INY	MK	RS	BCW	UH	JD	GP	EL
Q	FYBK	LWD	GUH	JE	NP	COS	IQ	VX	RM	AT
R	VYOB	GEW	RSN	PQ	MA	JTF	CL	IK	DU	XH
S	TYRH	CAG	LDO	QS	MK	BXJ	NI	EU	FW	VP
T	LRUW	AGO	NTF	IM	JX	DHS	CQ	EP	VK	BY
U	RHXC	KVJ	PBM	GT	DN	OUY	QW	FA	EL	IS
V	FTMA	IQD	JUP	RG	EX	SLV	NC	YK	HW	BO
W	MHBA	YGI	FOJ	CP	KE	WQT	SV	NL	RD	UX
X	VGBS	IDE	KAW	CL	NJ	OTP	FY	HM	RX	UQ
Y	TPJG	XDW	NAR	SU	FC	IEO	KV	YM	BL	HQ

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
BLACKJACK
377.800

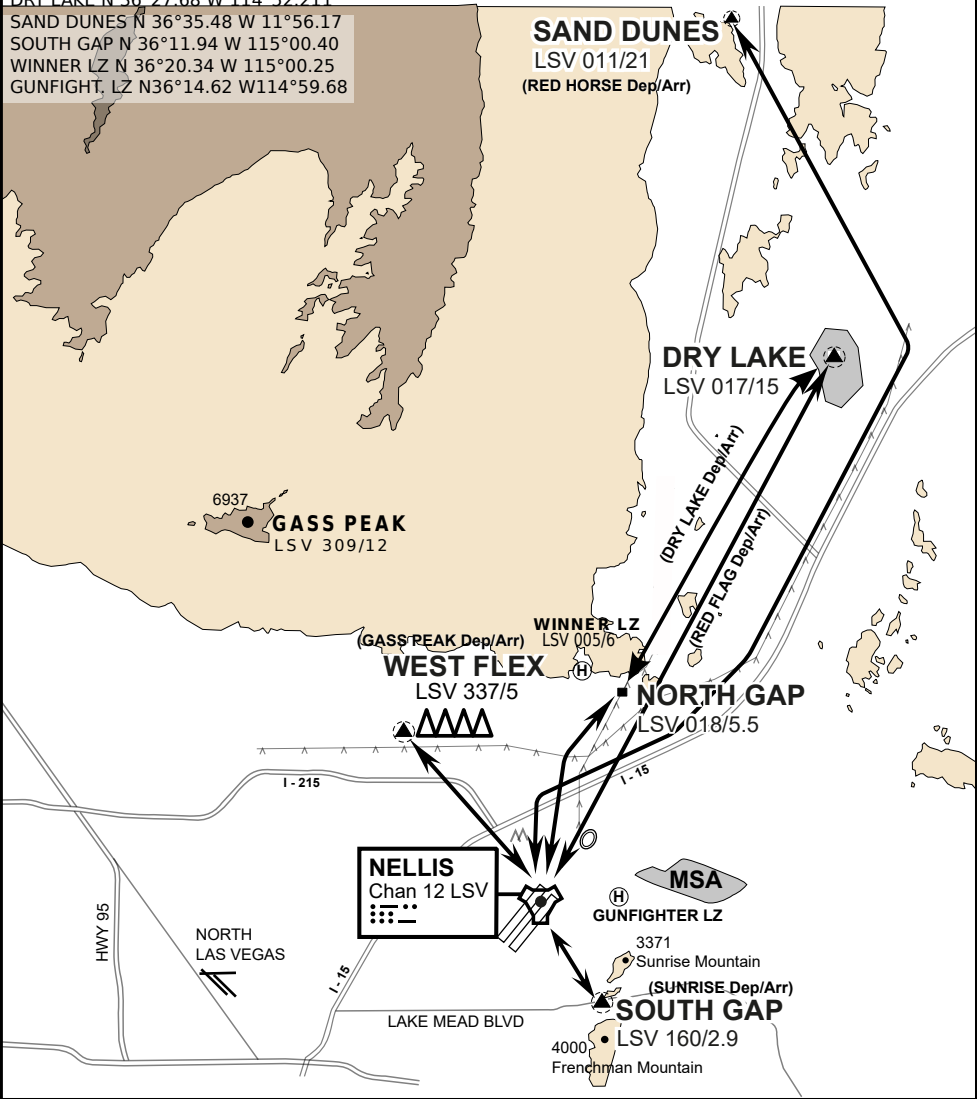
CAUTION: If unable to comply
with restrictions advise ATC
prior to departure.

VMC ONLY

if below WX Minima request SVFR



JOLLY PAD N 36°15.08 W 115°01.65
WEST FLEX N 36°18.64 W 115°08.00
NORTH GAP N 36°20.00 W 114°59.30
DRY LAKE N 36°27.68 W 114°52.211
SAND DUNES N 36°35.48 W 11°56.17
SOUTH GAP N 36°11.94 W 115°00.40
WINNER LZ N 36°20.34 W 115°00.25
GUNFIGHT, LZ N36°14.62 W114°59.68



HELICOPTER ARRIVAL AND DEPARTURES ROUTES

ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
BLACKJACK
377.800

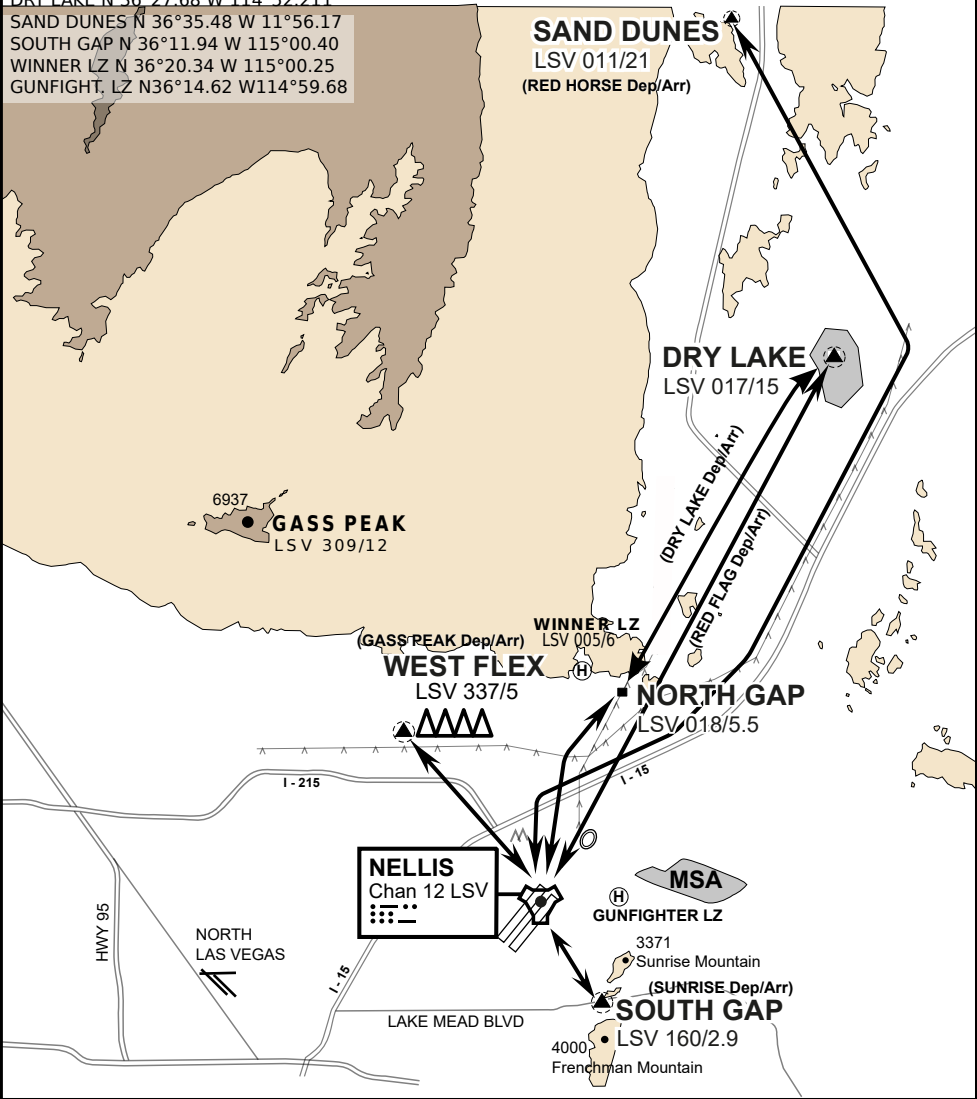
CAUTION: If unable to comply
with restrictions advise ATC
prior to departure.

VMC ONLY

if below WX Minima request SVFR



JOLLY PAD N 36°15.08 W 115°01.65
WEST FLEX N 36°18.64 W 115°08.00
NORTH GAP N 36°20.00 W 114°59.30
DRY LAKE N 36°27.68 W 114°52.211
SAND DUNES N 36°35.48 W 11°56.17
SOUTH GAP N 36°11.94 W 115°00.40
WINNER LZ N 36°20.34 W 115°00.25
GUNFIGHT, LZ N36°14.62 W114°59.68



HELICOPTER ARRIVAL AND DEPARTURES ROUTES