

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1802/2023		Rattler 1		Training		032000APR23		
Task	BFT						Freq	
AO	Nellis, Winner LZ						133.5	
Departure				Recovery				
HELICOPTER DEP				HELICOPTER ARR				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Rattler 1-1		Hudson		4611	21Y	1251	
-3	Rattler 1-3		Laud/Warblade		4613	84X	1253	
-4	Rattler 1-4		Mütze		4614	21X	1254	

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

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	2513				

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	WEST FLEX	LSV 307/6.5 (N36 18.640 W115 08)		
2	Winner LZ	LSV 356/6 (N36 20.330 W115 00.250)		

COMMS	
Radio	Usage
1	133.50
2	327.0

NOTES

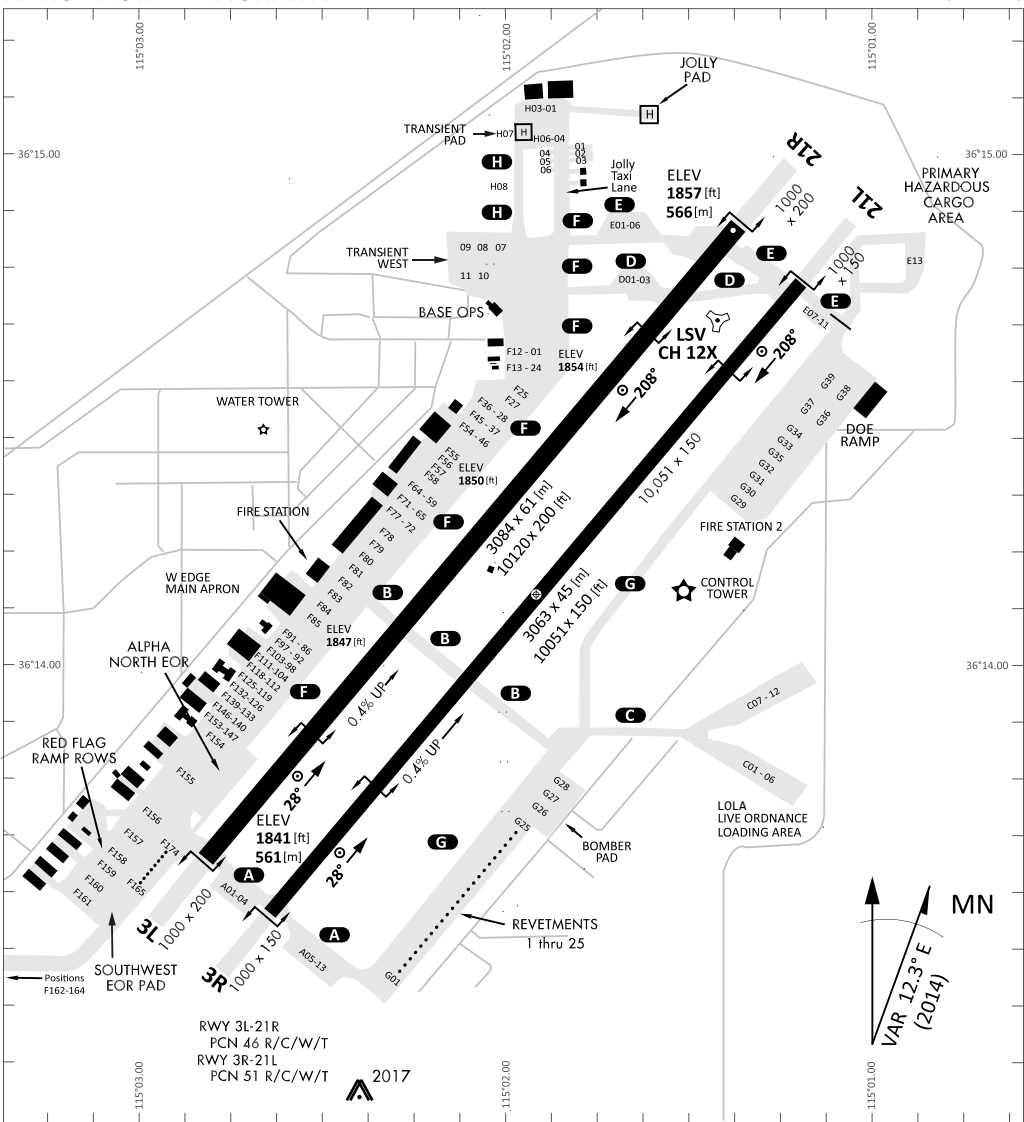
individuelle Vorbereitung BFT :

- Routen
- Outside landing (winner LZ, Gunfighter LZ)
- Vortex Recovery
- accel/deccel
- return-to-target
- pattern
- hover (low/high)

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	
P	L	A	Y	G	R	O	U	N	D	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	YADB	HFR	SMI	GQ	XK	OCT	EJ	LP	WN	VU
B	DYSP	UEM	AQO	NL	KC	BFW	IJ	XG	HR	TV
C	NXSQ	HLD	FOR	EP	VC	GIA	UB	TJ	MW	YK
D	XVKL	PIU	HNR	BS	QT	WMC	DG	FY	JO	AE
E	AETS	PGJ	LRO	CV	IU	NFY	XB	WQ	MK	DH
F	LAER	CDO	BTU	HK	YN	FPJ	XM	QS	VI	GW
G	VFHJ	PEB	GIX	DR	KY	UTN	LO	QW	AC	SM
H	NCDP	UYG	WAB	OI	EM	QVX	RS	FJ	LT	HK
I	UQNK	LXY	OMW	DH	FA	GTV	BP	EI	SC	RJ
J	HFRC	WAN	ITV	SG	EB	LQX	JP	UD	MO	KY
K	PFUL	BMO	JYV	NE	HA	WCQ	SD	TX	GR	IK
L	BIET	QDC	KOJ	GY	RA	MHW	SX	FU	NL	VP
M	WJPH	VAN	MGT	LB	SK	DIE	QO	YF	CU	RX
N	IKAD	JGO	WFP	NS	VB	UQT	EX	YC	HM	LR
O	MCFN	BQD	UPR	EH	GI	SVL	YK	JT	OA	WX
P	DUOK	CFS	VIB	YM	WT	GAR	EX	NQ	PJ	LH
Q	KELQ	GFJ	XOM	AN	CS	THW	BR	DP	VY	IU
R	JPFS	DMW	YOH	XQ	BA	EGU	RK	CV	LI	TN
S	NALY	PTR	JOC	IG	EB	VUX	MD	KF	WS	QH
T	OVWC	NMB	IAY	SU	DX	HJK	RL	EF	GT	QP
U	KLBM	UNO	IDC	RY	QA	XVF	JG	PE	TH	WS
V	YKXE	AWN	PRV	QL	BG	CMH	JS	ID	TU	FO
W	QGJL	FHK	MIE	RS	XA	PWB	NY	UD	OV	CT
X	JDUB	POS	QGK	NL	XV	CEF	IM	HT	YW	AR
Y	STON	MBW	YUK	QD	PL	EVH	JG	IR	CA	XF

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
BLACKJACK
377.800

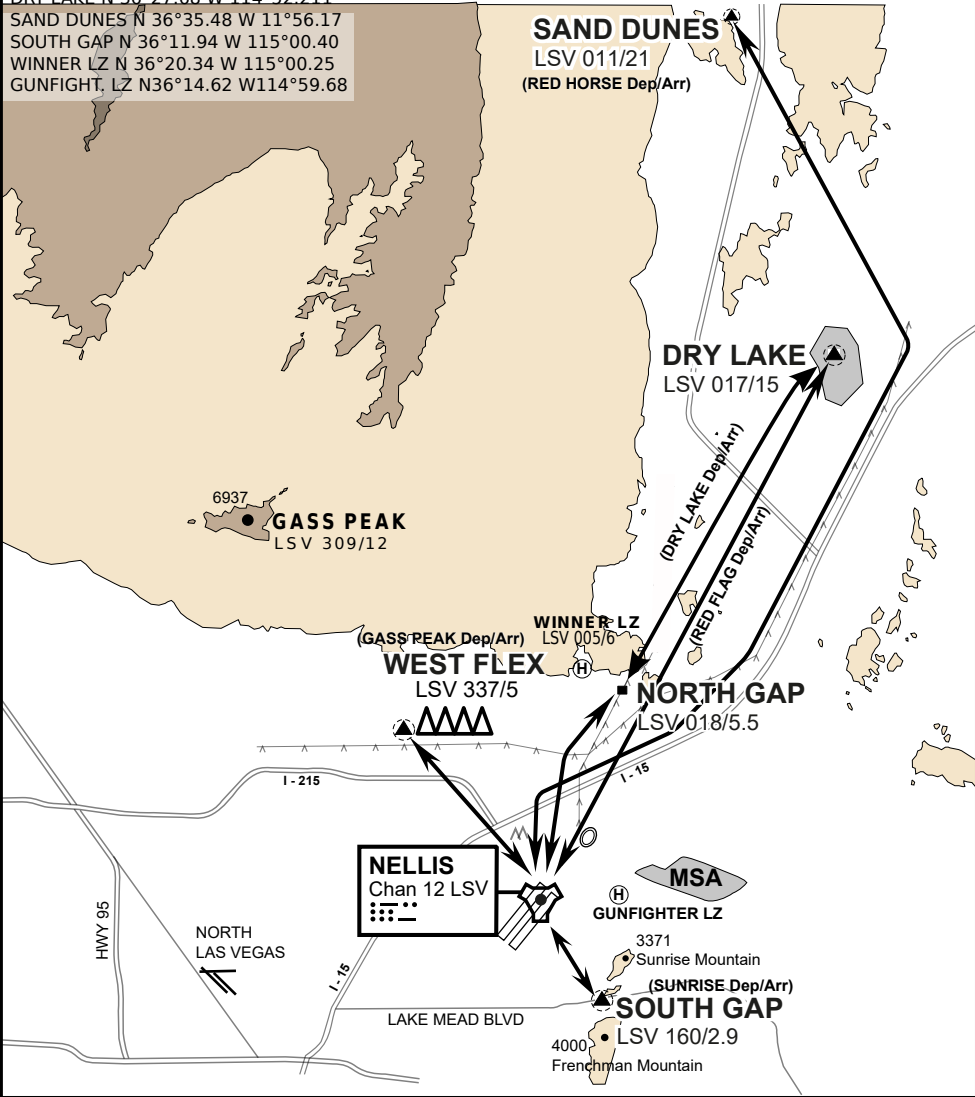
CAUTION: If unable to comply
with restrictions advise ATC
prior to departure.

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

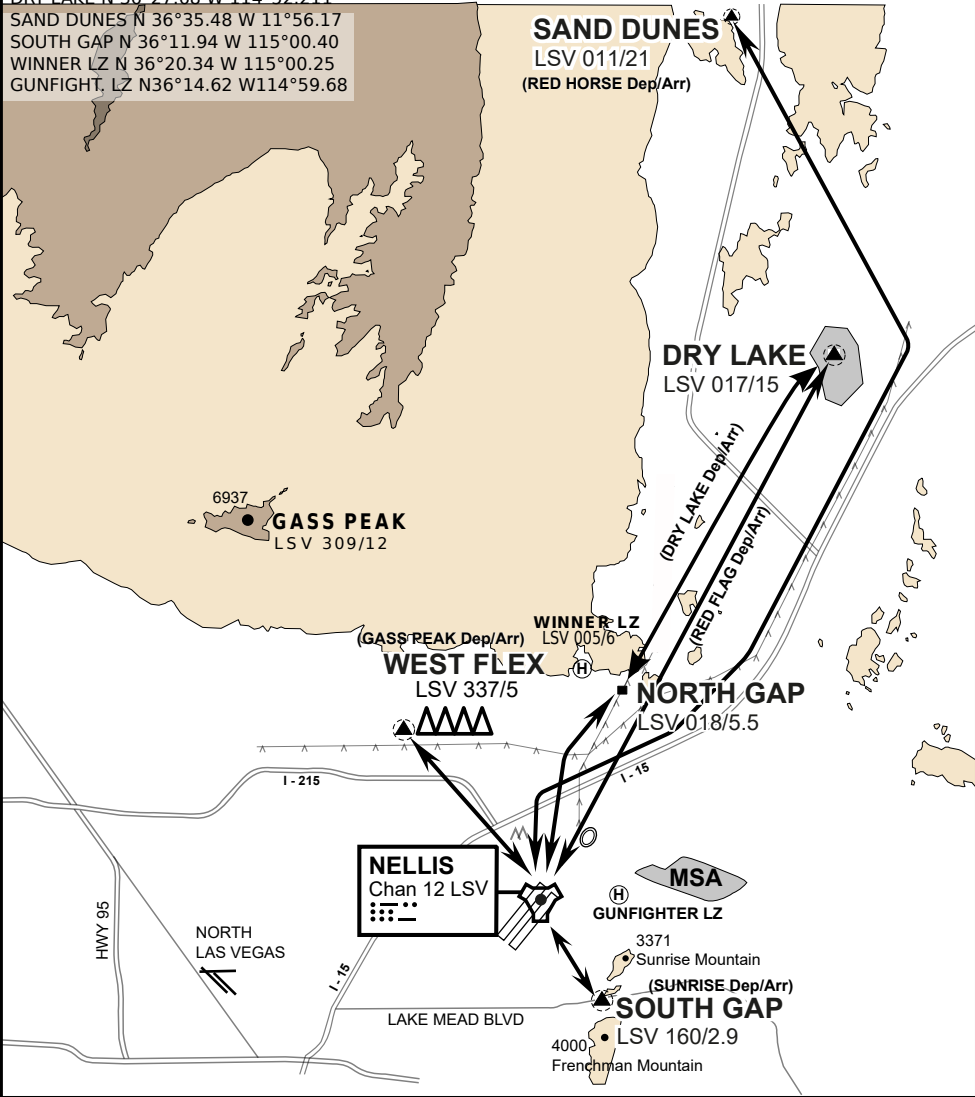
CAUTION: If unable to comply
with restrictions advise ATC
prior to departure.

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