

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1029/2022		Vanguard 1		Training		272015JUN22		
Task						Freq		
AO						134.0		
Departure				Recovery				
HELICOPTER DEP				HELICOPTER ARR				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Vanguard 1-1		Herby		3311	21Y	1561	

LOADOUT			
A/A			GUN
A/G			CHF
POD			FLR
TKS			FUEL

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
Div	Creech AFB	87X	290.45	275.8	360.6			

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	SOUTH GAP	LSV 160/2.9 (N36 11.940 W115 00.400)		
2	LATNCAAA01	N36 10.605 W114 26.850		
3	SOUTH GAP	LSV 160/2.9 (N36 11.940 W115 00.400)		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Edelweiss 1	Training	2x AH-64D	133.25	21/84		171X
	AO	Nellis, Winner LZ	Task	BFT Prep		
Rattler 3	Training	2x AH-64D	133.5	21/84		125X
	AO	LATNC	Task			
Rattler 5	Training	2x AH-64D	133.75	21/84		125X
	AO	LATNC	Task			
Edelweiss 7	Training	4x F/A-18C	134.75	21/84	41	167X
	AO	Rachel	Task	Fox 1 Evasion		
Edelweiss 4	Training	4x F-16C	134.0	41/104		158X
	AO	NTTR FamFlight	Task			
Edelweiss 3	Training	4x F/A-18C	134.5	21/84		173X
	AO		Task			
Panther 5	Training	2x F/A-18C	261.35	31/94		157X
	AO		Task	Training AAR		
Monster 1	Training	2x A-10C	132.15	25/88	21	161X
	AO	R63	Task	CBU WCMD		
T-Rex 2	Training	2x A-10C	132.25	27/90	25	165X
	AO	R64	Task	CBU WCMD		

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	
F	O	R	G	I	V	A	B	L	E	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	XLVC	KIU	SYW	HQ	FN	TMR	EP	JB	DO	GA
B	HEBN	MRF	VSW	LA	OI	CYQ	TK	XU	PD	JG
C	CXTL	GRJ	AHP	VM	KO	YDF	IB	WS	EN	QU
D	UPNQ	OJD	FBX	EI	CM	THY	AG	SV	LW	KR
E	VEMW	JOU	YQL	TF	CI	RKH	DS	XP	AN	BG
F	UOSF	BAP	EMR	YJ	VT	QGN	LH	WK	DI	XC
G	TMLG	DXK	OVS	NE	CB	RYW	JI	QA	FH	PU
H	XDCO	TFE	IJB	PS	LQ	UYA	NH	VR	WG	KM
I	YRKG	AEN	POD	QL	IT	XSF	BJ	CM	VU	WH
J	PFLN	ESJ	OGA	TR	YV	WHD	UQ	XM	IK	CB
K	USFI	TYD	NPE	WG	LK	JBR	CO	VA	MQ	XH
L	XBSO	VJM	ALG	FT	PN	CQU	KY	RW	ID	EH
M	MVAJ	EFU	KGQ	IW	LS	ODT	BX	YP	HN	RC
N	OSAB	KEC	LPQ	UW	MH	DNF	RT	GX	YV	IJ
O	LOEU	MJR	TBX	QA	GH	CNI	SD	WV	KP	FY
P	RJVD	KNF	XUL	EQ	GS	OYP	WA	MI	TB	HC
Q	EKOI	NGJ	HWF	SU	TM	PQA	XB	LC	YR	VD
R	DWSR	TLJ	KIV	QU	BA	EMN	GY	PF	XC	HO
S	PHTU	BMQ	GYV	EN	KX	DJS	IW	OC	AF	LR
T	LUFK	CYT	WSV	DP	BI	ERH	JO	MQ	NX	AG
U	KCOU	FPL	GRX	IY	QT	JEM	AV	DB	HS	WN
V	LDVO	EAC	NXS	JW	PT	KQH	FR	GM	IY	UB
W	BMIT	UOJ	VAE	RD	QL	PKS	GC	XH	YN	WF
X	EIVK	QYD	OUN	RL	PH	BMS	WG	JA	FT	XC
Y	SOJV	XPT	LWB	QY	IF	KNE	MR	CH	GU	AD

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
	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	36° 14.060° N	1857 [ft]	1:35'500
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	115° 01.058° W	566 [m]	0 300 600 900 1200 1500 [m]
SRA	21R	A C D E	2257 - 1.2 350 (350-1.2/1.6)			0 1000 2000 3000 4000 5000 [ft]
	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

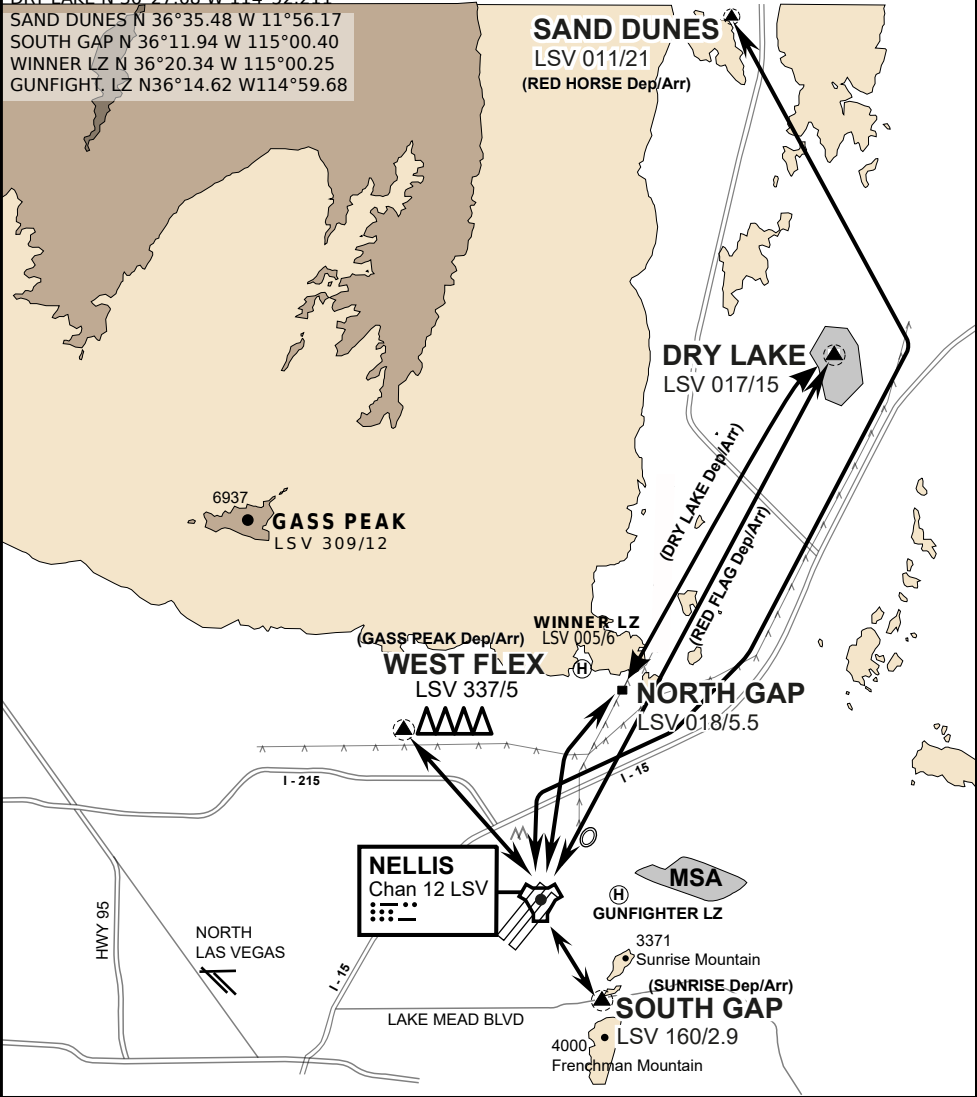
CAUTION: If unable to comply
with restrictions advise ATC
prior to departure.

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

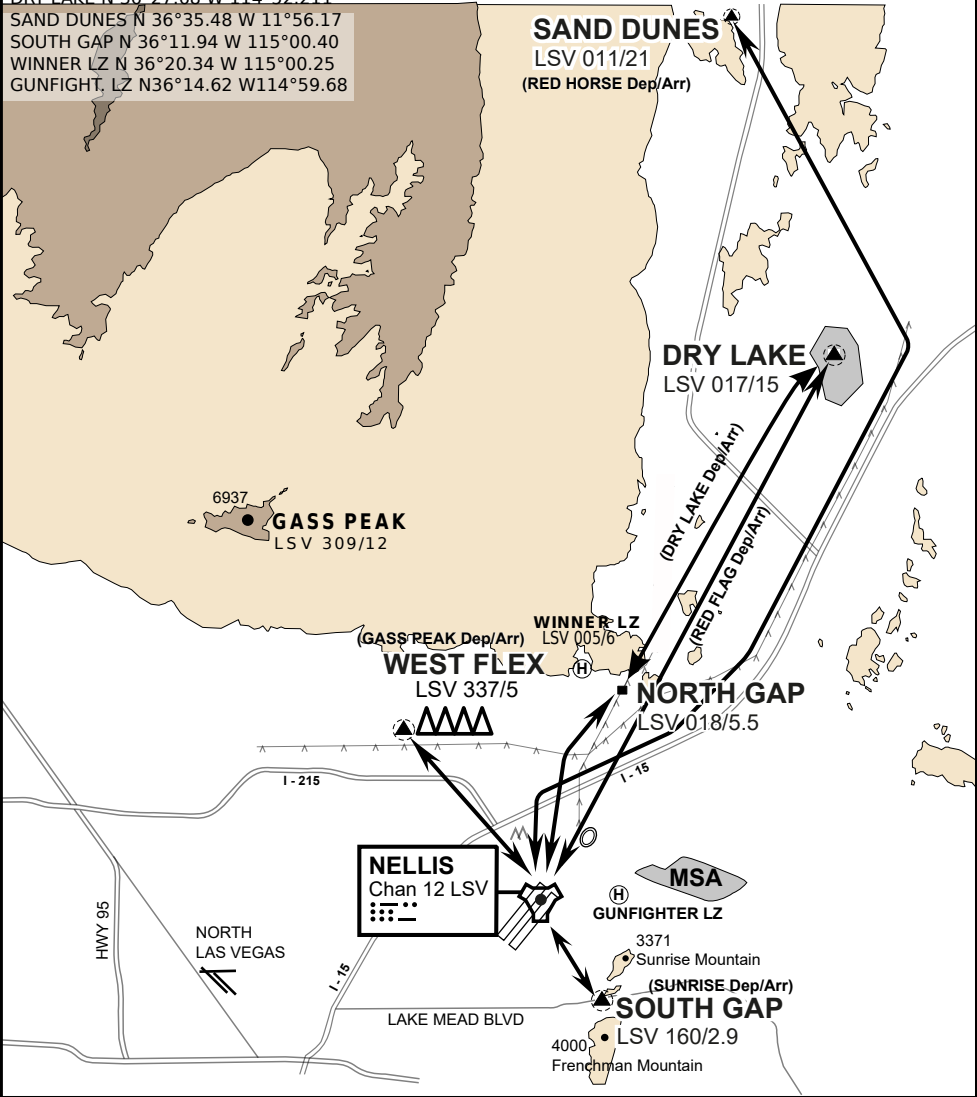
CAUTION: If unable to comply
with restrictions advise ATC
prior to departure.

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



INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 065 °	Rwy ldg TDZE Arpt Elev	9002 3133 3113
----------------------	-------------------	------------------------------	----------------------

INDIAN SPRINGS AF AUX (KINS)

T	* 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 -
-----------------	-----------------------------------	--------------

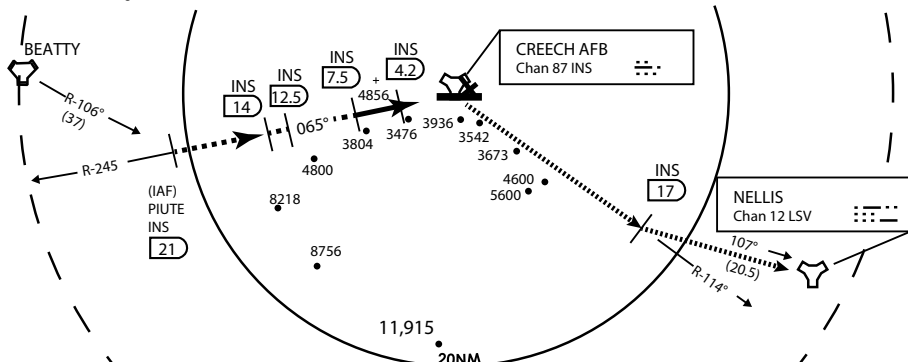
NOT FOR CIVIL USE

FOR USE UNDER BASIC VFR
WEATHER MINIMUMS ONLY

PILOT IS RESONPSIBLE
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

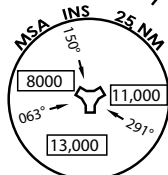
CAUTION: Final approach course crosses
Runway centerline at MIDFIELD. Maneuvering
left of course required prior to landing. Do not
Maneuver farther north than the INS R- 258



* 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

					ELEV 3129	
CATEGORY	A	B	C	D	E	
S-8	3760-1 ½	627 (700-1 ½)	3760-1¾ 627 (700-1¾)	3760-2 627 (700-2)	3760-2¼ 627 (700-2¼)	
CIRCLING	NOT AUTHORIZED					MIRL Rwy 8-26

CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)

Modified by vJaBoG 66 for use with DCS

NOT FOR REAL LIFE NAVIGATION



