

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1835/2023		Panther 1		Training		132000APR23		
Task	Fam Flight plus AAR					Freq		
AO						261.35		
Departure				Recovery				
FYTTR LOW				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Panther 1-1		Prinz		1251	11Y	1571	
-2	Panther 1-2		Razorback		1252	74Y	1572	
-3	Panther 1-3		Hawk		1253	74X	1573	
-4	Panther 1-4		Jemi		1254	11X	1574	

LOADOUT			
A/A	2xA9X, 2xA120C		
A/G			
POD			
TKS	2xFPU-8A		
	GUN	100% HEI-T	
	CHF	30	
	FLR	90	
	FUEL	100%	

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	15291				

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	FYTTR	N36 21 26.400 W115 41 28.200	15000	
2	BTY	N36 48 02.099 W116 44 51.529	15000	
3	Belted Peak	N37 34 W116 04 30	15000	
4	4	N37 42 09.739 W115 46 34.509	15000	
5	BFM Anchor NW	N37 46 04.213 W115 49 50.034	15000	
6	BFM Anchor SE	N37 37 58.942 W115 43 09.016	15000	
7	Mt Irish	N37 38 30 W115 24	15000	
8	TROUTT	N37 16 60 W115 07 03	15000	
9	NIXON	N36 32 00.600 W115 32 15	15000	
10	STRYK	N36 25 37.200 W115 30 42	15000	
11	LSV	N36 14 40.718 W115 01 30.407	15000	

COMMS	
Radio	Usage
2	261.35
3	A 23 / B 44

NOTES

AAR TANKER (KC-135MPRS)
SHELL 2 / Comm 360.8 / TACAN 115Y

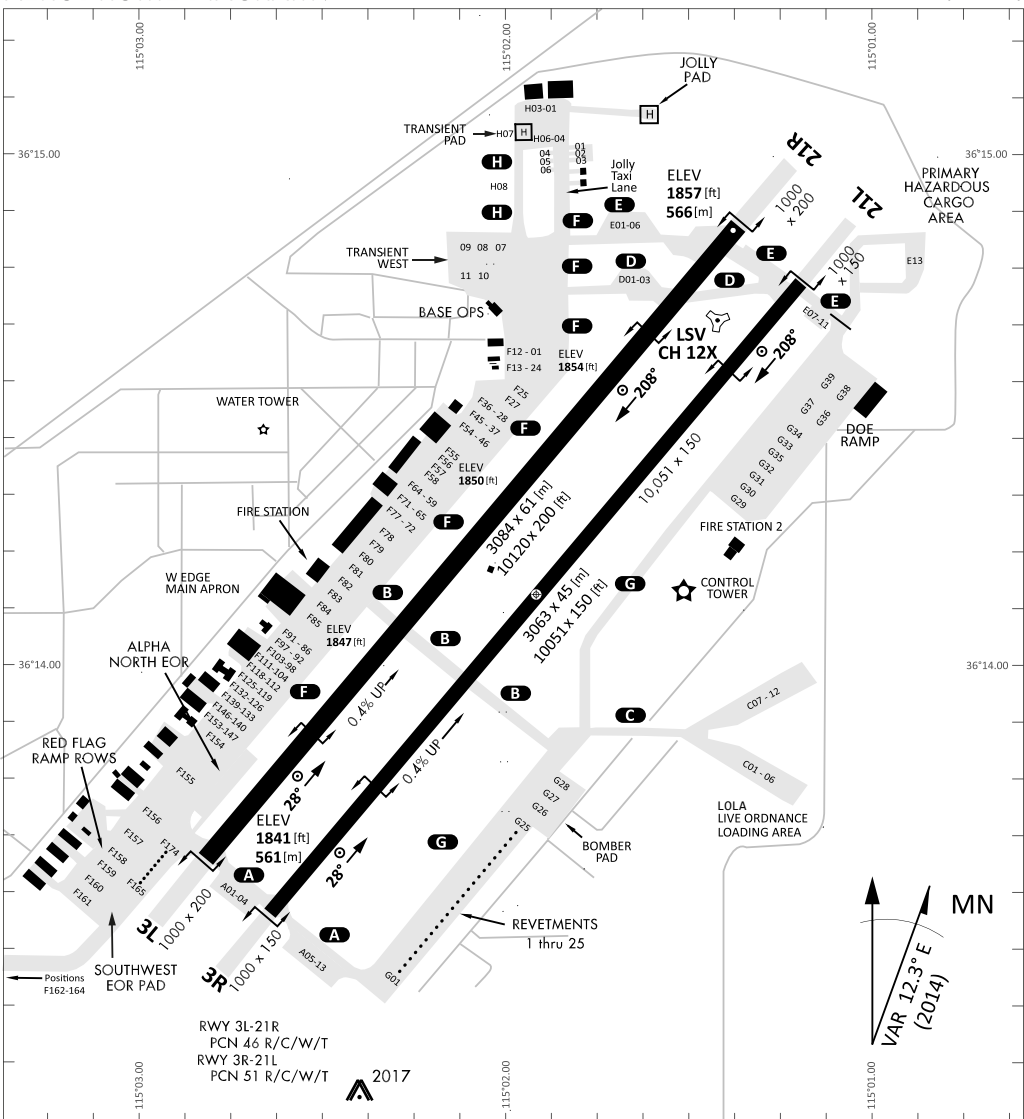
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
SHELL 2		115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	GrpId	Laser
Edelweiss 1	Training	2x AH-64D	133.5	21/84		125X
	AO	Nellis, Winner LZ	Task	BFT		
Raptor 1	Training	4x F-16C	134.0	21/84		156X
	AO	Laughlin/Jean/Creech	Task	AAR/FLameout Landing		
BamBam 1	Training	2x AH-64D	133.5	21/84		156X
	AO		Task			
Tiger 2	Training	4x F/A-18C	261.25	11/74		155X
	AO		Task			
Raptor 2	Training	4x F-16C	134.5	21/84		156X
	AO	Laughlin/Jean/Creech	Task	AAR/FLameout Landing		
T-Rex 2	Training	4x A-10C	132.25	27/90	25	165X
	AO		Task	FAM-Flight		
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
	AO	Whole NTTR	Task	FAM Flight NTTR		

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	
D	E	F	A	U	L	T	I	N	G	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	TEPL	BWG	ICK	OV	XD	RJA	QN	FS	UM	HY
B	UYAI	GPS	EWT	XR	MJ	BOH	VQ	KF	LN	CD
C	CMPD	RWU	ILE	TG	HY	ONQ	BV	XA	KF	JS
D	VRGU	DCQ	NFT	EY	JO	HLB	KM	AX	IS	WP
E	TDYX	UCP	EMJ	WO	IG	RNK	QB	HF	LA	VS
F	FPSV	KDN	HXA	LB	YM	OCJ	IT	RE	GW	UQ
G	OETD	NJS	CBM	YR	PQ	WXL	HU	IA	KV	GF
H	CWUD	VBH	IJG	NY	FQ	RMS	OP	AE	XL	KT
I	BYSF	MNK	TJX	OU	IG	QDR	AH	PC	EL	VW
J	SRMD	HWN	XCV	EF	YJ	IPT	UB	AQ	LK	GO
K	HDIC	TKN	GVB	SU	PO	MFJ	YQ	XR	LW	AE
L	OXDF	BGR	TES	CL	MH	YKA	NU	JP	QW	VI
M	DIEK	HUJ	CXQ	TR	BM	PSL	NV	YO	GW	AF
N	UXDW	GKH	NMC	EA	IO	RJB	QF	LV	PY	ST
O	VJKA	QBC	HPN	TD	OU	FLY	EX	RI	GM	WS
P	RTMG	NDA	QSE	UJ	YO	BIL	PF	HC	VK	WX
Q	BUMQ	PEY	OLV	WG	HJ	FAT	IX	NS	KC	DR
R	CIVX	SLB	YTP	NE	AR	JDQ	FG	UW	MO	HK
S	XEPS	DQK	LVW	OM	JB	YRC	TN	IA	FG	UH
T	LMDE	AKH	OYJ	RI	PT	SCB	NF	WG	VQ	XU
U	XYRW	UPT	ALD	VI	JE	HKM	FS	BQ	OC	NG
V	MFXT	KYG	VEJ	BO	AD	HUI	NP	LC	SQ	RW
W	GXJH	SQR	TCY	EV	KM	FBI	WA	LD	NO	PU
X	FCTL	VXM	HGP	UQ	JN	OAR	BS	WE	ID	YK
Y	YSJT	QPU	HGB	WM	EC	VFR	AD	KX	LO	IN

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

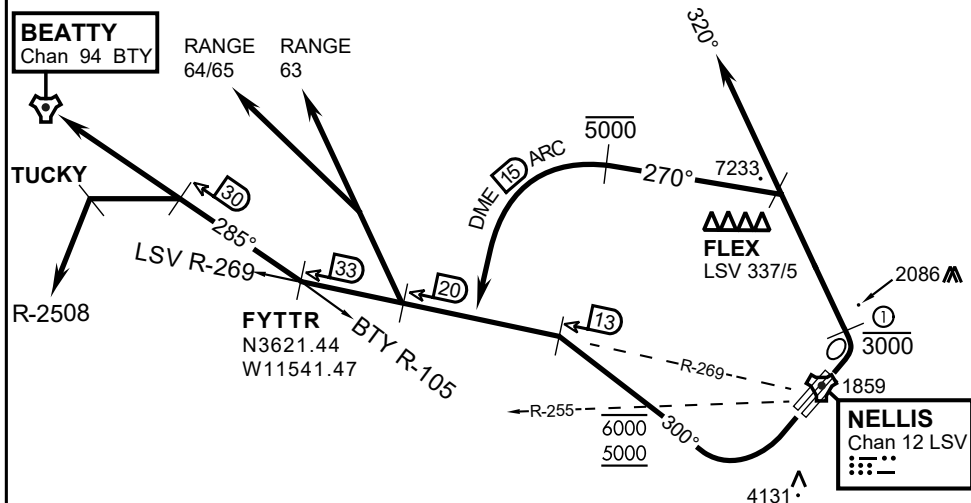
ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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.

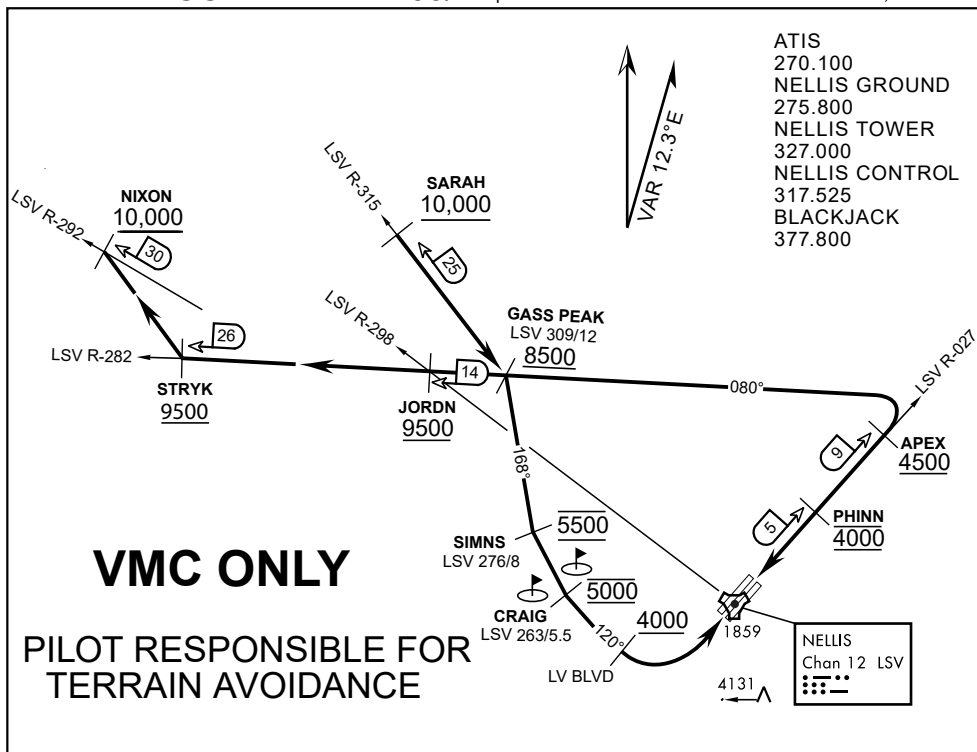
TRANSITIONS:

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
----------------------	-------------------	------------------------------	----------------------

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 -
-----------------	-----------------------------------	--------------

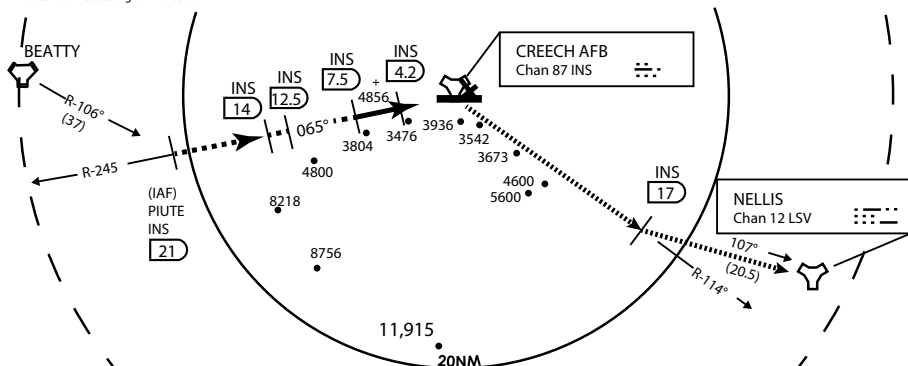
NOT FOR CIVIL USE

FOR USE UNDER BASIC VFR
WEATHER MINIMUMS ONLY

PILOT IS 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

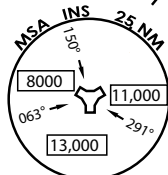
CAUTION: Final approach course crosses
Runway centerline at MIDFIELD. Maneuvering
left of course required prior to landing. Do not
Maneuver farther north than the INS R- 258



* 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	
					MIRL Rwy 8-26	
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					

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



