

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
2413/2023		Panther 1		Training		232015NOV23		
Task	SEAD Training						Freq	
AO	SEAD CHARLIE						261.35	
Departure				Recovery				
FYTTR LOW				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Panther 1-1		Taxman		1221	31Y	1571	
-2	Panther 1-2		Firefly		1222	94Y	1572	
-3	Panther 1-3		Prinz		1223	94X	1573	

LOADOUT			
A/A	2xA9X, A120C		GUN 100% HEI-T
A/G	2xA88C		CHF 90
POD	TGP		FLR 30
TKS	2xFPU-8A		FUEL 100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	15291		5000	4000	

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	FLEX	N36 18 36.977 W115 02 22.029	3000	
2	FYTTR	N36 21 26.400 W115 41 28.200	15000	
3	PIUTE	N36 30 40.800 W116 05 41.400	25000	
4	4	N36 40 38.164 W116 16 57.443	27000	
5	SEAD CHARLIE	N37 10 37.798 W116 45 03.479	27000	
6	SEAD CHARLIE2	N37 17 04.722 W116 35 03.765	27000	
7	SA-6	N37 43.214 W116 31.264	0	
8	JAYSN	N36 34 25.510 W116 02 26.661	27000	
9	STRYK	N36 25 37.200 W115 30 42	15000	
10	Nellis AFB	N36 13 32 W115 02 37	1500	

COMMS	
Radio	Usage
1	N.Tower (#4) Blackjack (#16) N.Tower (#4)
2	MIDS: 22/44

NOTES

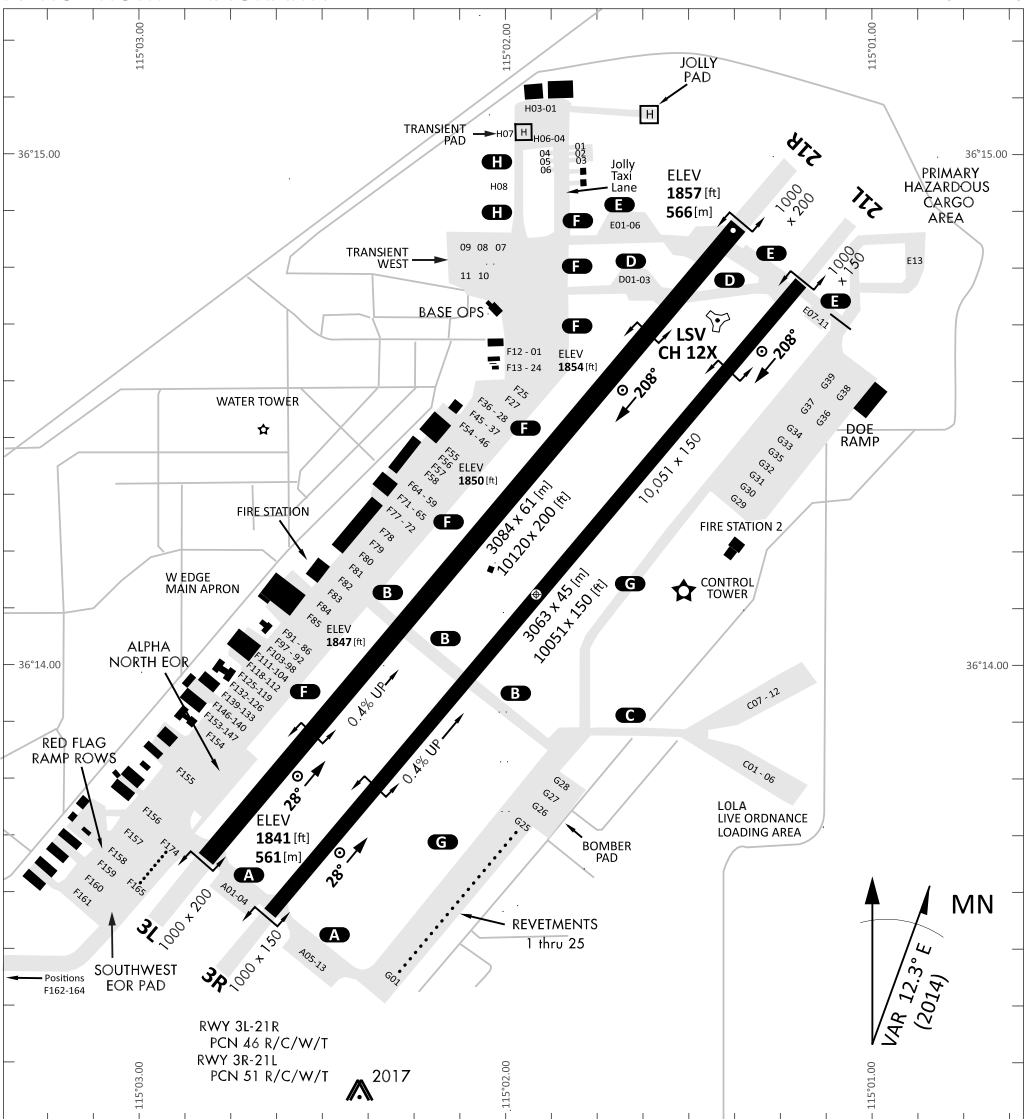
Weather:
25° C, 29.89 inHg. light clouds at 13k feet
wind 169/4
RWY 03L in use

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Tiger 1	Training	3x F/A-18C	261.55	31/94		157X
	AO	SEAD ALPHA	Task	SEAD Training		
Tiger 2	Training	3x F/A-18C	261.45	31/94		157X
	AO	SEAD BRAVO	Task	SEAD Training		

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	
H	U	M	P	B	A	C	K	E	D	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	NJDY	MSA	XPB	WQ	ER	OLH	GC	VI	UK	TF
B	RSPM	LVD	JOT	GW	UX	QNI	AK	FY	BC	EH
C	TQIR	MGK	XAD	UE	HN	CBV	OW	LS	JF	YP
D	NMRB	FCO	YVS	HQ	IE	GAK	WD	UJ	XL	TP
E	MHSF	TWX	LNE	DU	OP	ACG	RB	KY	VJ	QI
F	DKUS	BWN	XFY	LC	TJ	QRP	MG	VI	HA	OE
G	VNYQ	PHK	ABC	ES	LD	XFU	RG	TI	JM	WO
H	PQBC	REG	VNY	IK	OD	FMS	HU	JA	TX	WL
I	DSYR	CXK	HEO	QW	VP	TAN	JB	FL	MU	IG
J	MRHK	SGQ	DNT	IJ	YB	EVF	PU	AL	XC	WO
K	IEHM	BLY	SAT	CR	NW	OFK	GQ	XJ	DU	PV
L	NYWD	QXC	EKA	OR	MV	BIF	UL	GH	SP	TJ
M	OMLT	NHP	JRF	GY	QK	IDA	WX	EB	SC	VU
N	NBXR	PYJ	LWV	UG	KD	MOT	EA	SF	HQ	CI
O	LCHG	KFJ	YOY	WP	UA	NIT	MX	SB	DE	RQ
P	YPMW	OAL	GKJ	SX	CV	IDN	HU	TB	QF	RE
Q	SVLU	GHF	JXK	PN	YA	IOT	ER	WB	MC	DQ
R	HEBG	UQS	FYL	OC	VJ	IDA	KR	XP	NT	MW
S	TWHC	VER	AND	XM	KO	PLI	SG	UB	FY	QJ
T	YMWB	PEH	KQC	XI	ON	UAG	JT	VD	RL	FS
U	EPHN	TQM	RCS	UO	GV	DJA	BI	YW	FL	XK
V	UAVH	MQW	DSL	IY	GB	CXN	TE	RK	FP	JO
W	AFRI	KLE	HBG	VD	ST	QUO	JX	PM	NC	YW
X	GQVX	MAO	KIN	DP	BR	FET	SJ	HY	CL	UW
Y	GFLM	UBA	WRX	PH	YK	TEN	ID	QV	SO	JC

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

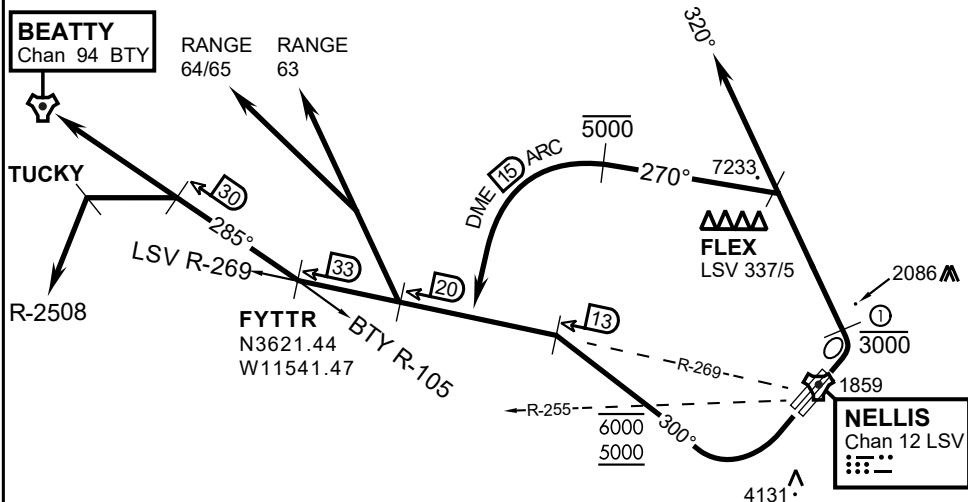
ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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.

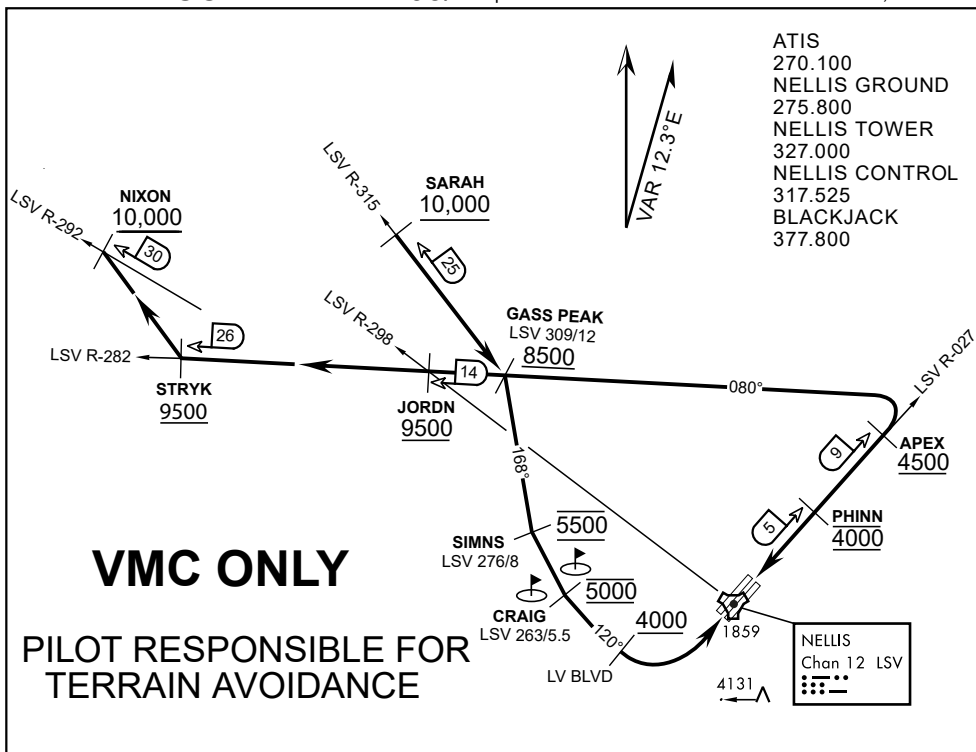
TRANSITIONS:

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.