

MISSION DATA CARD						
OPORD		Callsign		Mission		Date/Time
494/2021		Panther 1		Training		212045DEC21
Task	NELLIS FamFlight					Freq
AO						261.35
Departure				Recovery		
FYTTR THREE				STRYK		
#	Callsign	Pilot		IFF	TCN	LSR NET
-1	Panther 1-1	Tammi		1211	31Y	1571

LOADOUT			
A/A	2xA9X, 2xA120C, 2xA7MH	GUN	100% HEI-T
A/G		CHF	80
POD		FLR	40
TKS	2xFPU-8A	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	15291			3000	800

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	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)	15000	
2	Mt Irish	TQQ 085/67 (N37 38.500 W115 24)	25000	
3	CRYSTAL SPRING	N37 32 W115 14	25000	
4	DREAM	LAS 354/66 BLD 342/71 (N37 10.340 W114 59.530)	15000	
5	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	15000	

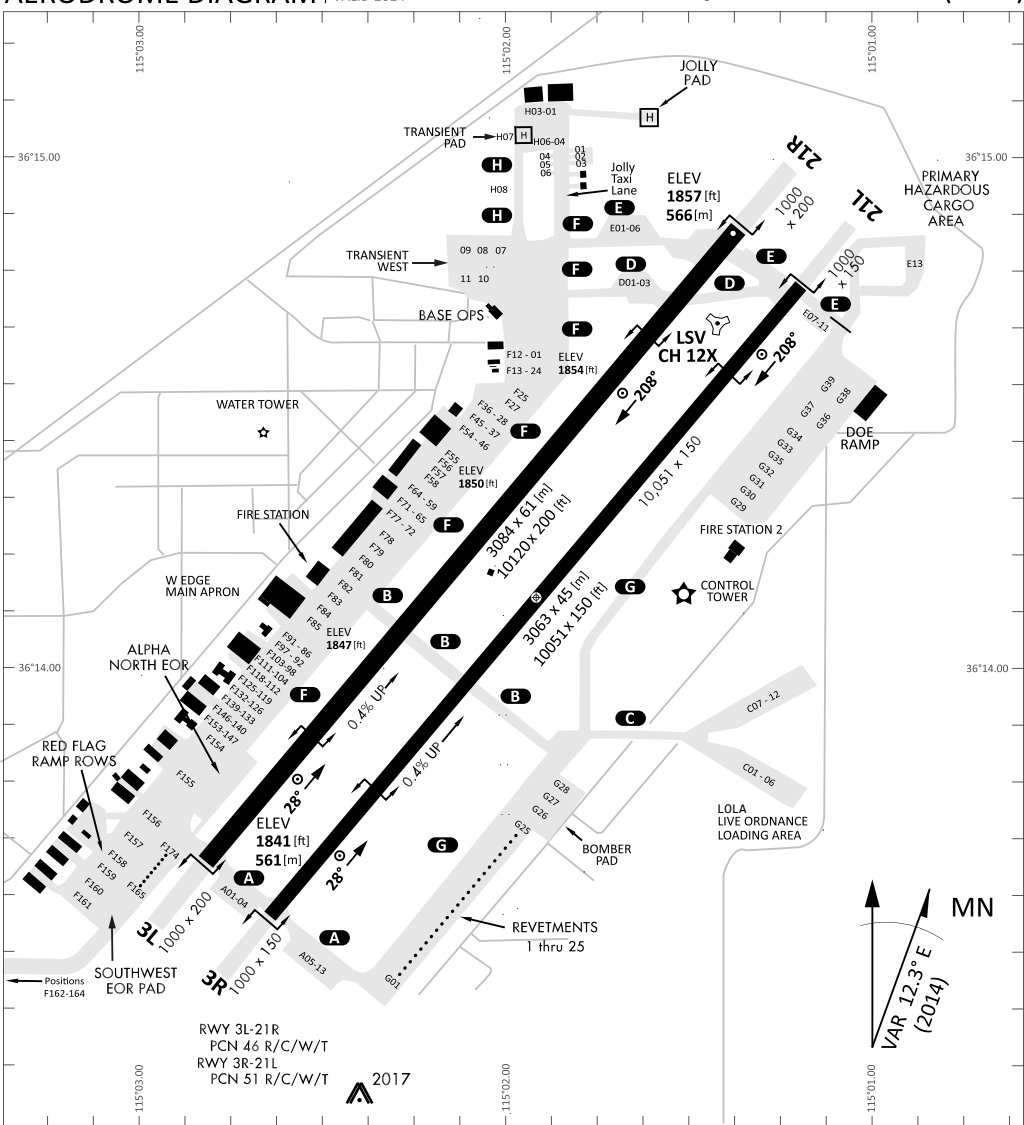
COMMS	
Radio	Usage
2	261.35
3	MIDS A 32
4	MIDS B 48

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Edelweiss 7	Training	2x F-14B	264.35	21/84	41	167X
	AO		Task	NCR Checkride IFR		
Edelweiss 6	Training	2x F-14B	264.35	21/84	41	167X
	AO		Task	NCR Checkride VFR		
Cougar 1	SEAD	4x F-14B	261.35	11/74		155X
	AO	SAM City	Task	SEAD Echo		
Edelweiss 1	Training	1x F/A-18C	264.15	21/84		171X
	AO		Task	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	
C	L	O	T	H	E	S	P	I	N	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	CMKP	HEN	UGL	WY	AR	BSF	DJ	IT	OQ	VX
B	EDJB	VMU	GIP	OF	LS	QWX	TH	NR	KC	YA
C	FYEO	JLG	BTM	RP	DN	KSA	UQ	HI	VC	WX
D	NKVT	UBR	DFJ	MA	QI	LHW	GO	CY	SX	PE
E	FCTE	IUB	KLO	QV	SR	YNH	JD	XP	MG	WA
F	MDQJ	ACW	RET	SN	FU	OIL	VX	GH	YB	KP
G	WUDJ	SMH	BOL	IA	EX	RNK	TP	YG	QF	VC
H	SPAB	OVR	KTI	LU	MF	CWX	YQ	DH	NE	JG
I	EFSY	TAD	WQB	HU	KL	RJM	OV	CI	NP	XG
J	HWOE	IBA	KVU	XY	LT	GMS	FD	QR	JN	PC
K	CAVI	YSF	DMP	OT	JU	XLR	EK	NQ	GB	HW
L	SQRP	EJU	AHN	BI	TX	DCF	LG	VM	KY	OW
M	VCAK	REF	BUY	GO	TS	MHN	PJ	LD	IW	QX
N	WVYD	ICE	KNM	LS	QR	OUF	HP	TJ	XG	BA
O	XSBW	KOD	NCV	QU	YE	PHM	TF	LG	JI	RA
P	IPHU	RFS	VCA	XY	DE	KOW	MG	NT	LQ	BJ
Q	QENR	PWF	KJB	HT	UO	SDC	XM	AV	YI	LG
R	OSAW	UCK	IJY	VT	FR	EHX	DB	PM	NQ	GL
S	GCIF	OQA	XUT	RE	KD	HYM	SL	BV	JP	NW
T	BPMQ	YJC	VLH	RI	SX	OGA	TK	WE	DF	NU
U	UHSW	AVD	ERJ	YP	XO	LQK	IF	GM	CT	NB
V	EBXS	IVD	PHQ	WA	LU	GMY	CT	NF	JO	KR
W	FLQP	RAC	KON	UI	HX	TSB	WV	ED	MG	JY
X	KOMJ	XTC	UIW	RE	PB	SGV	DA	HF	QY	NL
Y	DVOW	SLM	GAB	TP	CU	XJK	HF	EI	QN	YR

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 - Q.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



Rwy		Knots	60	120	180	240	300	360
3L	(a)	V/V(fpm)	394	788	1182	1576	1970	2364
3R	(a)	V/V(fpm)	392	784	1176	1568	1960	2352
21L	(b)	V/V(fpm)	388	776	1164	1552	1940	2328
21R	(b)	V/V(fpm)	390	780	1170	1560	1950	2340

Minimum Climb Rate

Ⓐ to 9300

ⓑ to 13 500

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

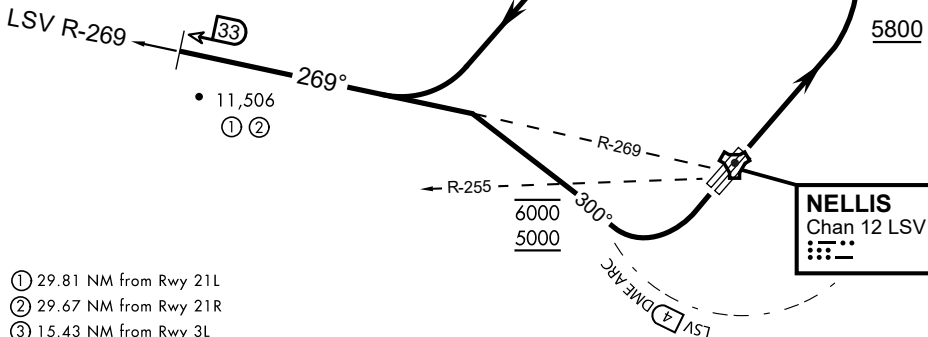
③ ④
7599 .

14.000

FYTTR

N3621.44

W11541.47



- ① 29.81 NM from Rwy 21L
- ② 29.67 NM from Rwy 21R
- ③ 15.43 NM from Rwy 3L
- ④ 15.57 NM from Rwy 3R

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R

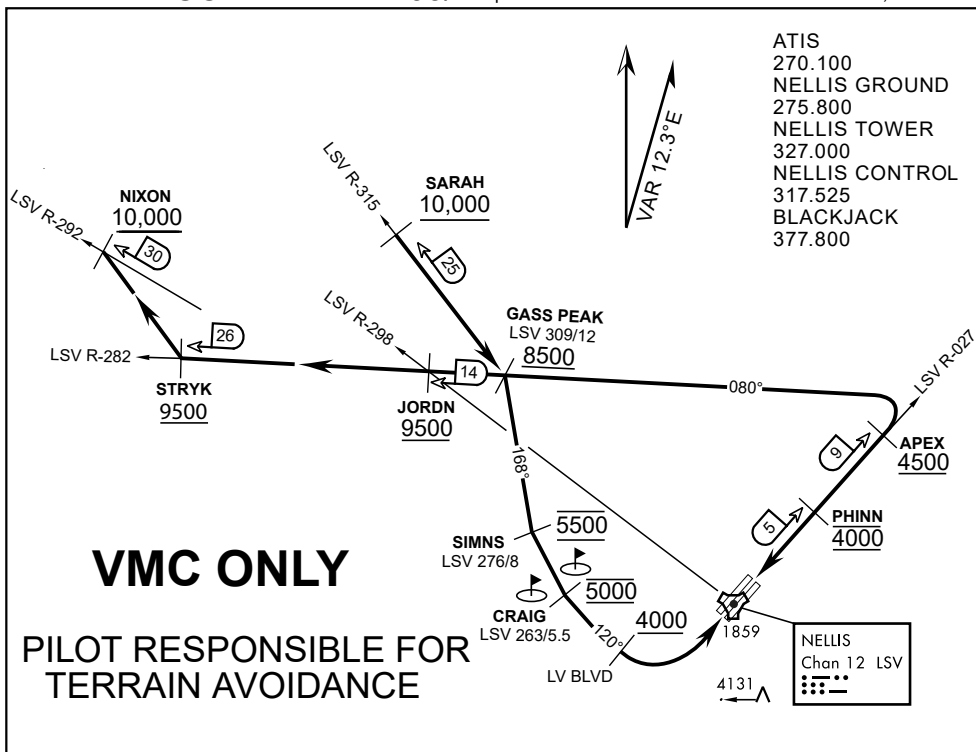
- Fly runway heading until reaching 5,800'.
- Then climbing left turn to intercept LSV TACAN R-269 outbound.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

TAKEOFF RWY 21L/21R

- Turn right to intercept LSV TACAN R-269 outbound.
- Remain within LSV 4 DME until joining LSV R-269
- Cross R-255 between 5,000' and 6,000'.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

NOISE ABATEMENT PROCEDURES:

Fly according Nellis Noise Abatement instructions as published



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.