

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
2164/2023		Panther 7		DEAD		182000SEP23		
Task							Freq	
AO	Groom						261.35	
Departure				Recovery				
FYTTR THREE				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Panther 7-1		Prinz		1271	31Y	1571	

LOADOUT							
A/A	2xA9X, A120C					GUN	100% HEI-T
A/G	2xA88C, A65F					CHF	90
POD	TGP					FLR	30
TKS	2xFPU-8A					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

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)		
2	FLUSH	LSV 287/73 (N36 50.800 W116 20.270)		
3	GARTH	LSV 302/90 (N37 17.960 W116 21.260)		
4	Groom Lake	INS 339/42 (N37 16.500 W115 48)		
5	STRYK	LSV 282/26 (N36 25.620 W115 30.700)		

COMMS	
Radio	Usage
3	MIDS A:22 / B:44

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Vanguard 1	Training	1x AV-8B N/A	264.55	21/84		166X
AO		Task				
Monster 1	Training	4x A-10C	132.15	25/88	21	161X
AO	Range 64-B	Task	RED FLAG Training			
T-Rex 2	Training	4x A-10C	132.25	27/90	25	165X
AO	Range 63	Task	RED FLAG Training			
Edelweiss 6	Training	1x A-10C	134.65	21/84	40	166X
AO		Task	BJT			
Nazgul* 6	Training	4x F-15E	261.25	21/84		156X
AO	BVR X	Task	BVR Training			
Raptor 1	Training	4x F-16C	134.0	21/84		156X
AO		Task	BVR Training			
Claw 5	Training	2x AH-64D	133.35	21/84		156X
AO		Task				
Edelweiss 1	Training	2x F/A-18C	264.15	21/84		171X
AO		Task				

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	
B	L	A	C	K	T	H	O	R	N	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	VCPY	DQU	XNK	OI	LT	SJH	FE	BR	GM	WA
B	LPXH	DJY	EGB	UR	TO	CWK	FN	SI	AQ	MV
C	FKRW	VLJ	CIG	MH	TP	DQX	YO	AU	BN	SE
D	BRCM	YAK	QJV	FP	WS	OTL	IX	HG	EU	ND
E	DMUR	VGP	ETX	QA	BC	HYP	IS	OK	WJ	NL
F	UYPG	JOH	KRW	CN	BM	TAV	QS	XF	ED	LI
G	MCBI	KLO	SQR	YU	FA	VEJ	NX	HT	DG	PW
H	KNRI	SFT	BWD	QL	MV	EXG	HJ	CA	PU	OY
I	QOSJ	ELU	WAI	TY	PH	GCM	DR	FV	KN	XB
J	HTEW	FON	UXM	KY	CB	QIV	GP	SD	LR	JA
K	OIQJ	FPK	RHM	GL	SW	CYX	BE	TD	UV	AN
L	LBPM	KUV	QSC	OG	WD	FEJ	AX	YN	IH	TR
M	LVNP	MSF	ODH	QU	YW	RBX	CT	AG	IE	JK
N	MEPN	SVG	WUB	RY	XI	QFJ	AH	OT	DK	LC
O	QEWA	VPU	HBN	OM	SF	YRL	CG	TJ	ID	XK
P	OETA	DPL	VCJ	FW	QR	BIN	XK	GU	HY	MS
Q	OVNJ	FMS	LKI	YD	QA	EPT	HC	BW	RG	UX
R	QYMI	SPN	RXJ	VT	FK	CUG	BH	DA	LO	WE
S	NHFR	XMI	AEV	LY	PQ	USC	OB	KG	JT	WD
T	KSJG	EHU	AXL	QV	YC	DRB	WP	OI	NT	FM
U	VECS	OLP	KUI	BX	TD	YQM	HR	JA	GF	WN
V	NKVA	EPT	HCI	YG	DM	OBF	SJ	LR	UQ	XW
W	HTAG	SQD	MIC	PV	OX	YNW	EB	RU	FK	LJ
X	TXVC	OYW	PES	GQ	AM	UFB	DK	LH	RN	IJ
Y	SFKD	OGE	AIH	LT	UB	PCJ	QY	VW	XR	NM

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]	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	RWY	CAT	MINIMA	ASDA	LDA	PSN THR
	21R	A C D E	2257 - 1.2 350 (350-1.2/1.6)	11051 [ft] 3368 [m]	10051 [ft] 3063 [m]	36°14.043°N 115°01.018°W
	3L	A C D E	2257 - 1.2 350 (350-1.2/1.6)	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
270.100 MHz	275.800 121.800	327.000 132.55	317.525	LSV 12X	109.10 Mhz	384.400
						NELLIS WEST
						385.000

FYTTR THREE DEPARTURE

NELLIS AFB (KLSV)
IFR CHART | VALID 2014 LAS VEGAS, NEVADA

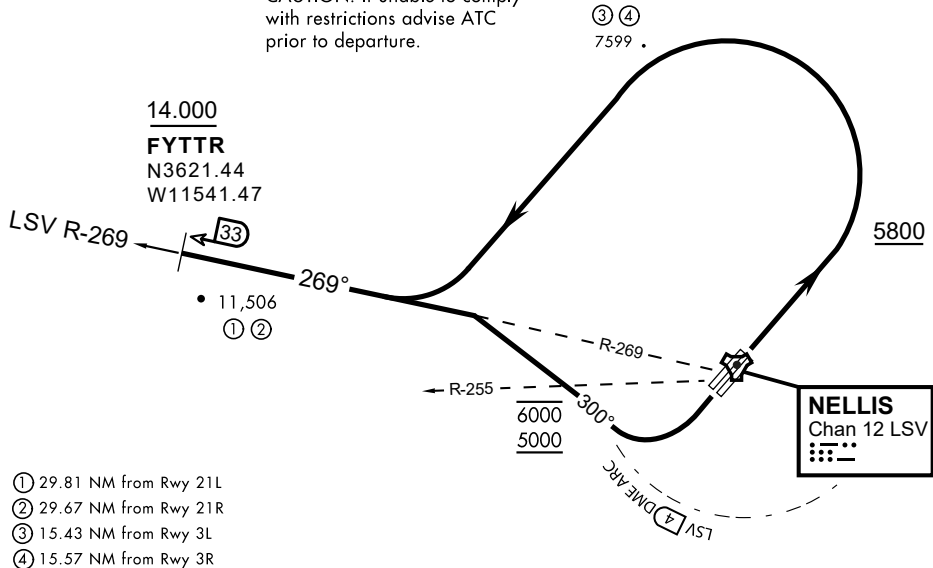
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



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
(a) to 9300
(b) to 13 500

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



- (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.